API Well Number: 43047531140000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
KENDALL 2-9-3-1E

2. TYPE OF WORK
DRILL NEW WELL ■ REENTER P&A WELL ☐ DEEPEN WELL ☐

3. FIELD OR WILDCAT
WILDCAT

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME

6. NAME OF OPERATOR
UTE ENERGY UPSTREAM HOLDINGS LLC

7. OPERATOR PHONE
720 420-3235

8. ADDRESS OF OPERATOR
1875 Lawrence St Ste 200, Denver, CO, 80202

9. OPERATOR E-MAIL
rgarrison@uteenergy.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
FEE

11. MINERAL OWNERSHIP
FEDERAL ☐ INDIAN ☐ STATE ☐ FEE ■

12. SURFACE OWNERSHIP
FEDERAL ☐ INDIAN ☐ STATE ☐ FEE ■

13. NAME OF SURFACE OWNER (if box 12 = 'fee')
MIKE KENDALL

14. SURFACE OWNER PHONE (if box 12 = 'fee')
801-546-2230

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')
1638 E. GORDON AVE, ,

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ☐ (Submit Commingling Application) NO ■

19. SLANT
VERTICAL ☐ DIRECTIONAL ■ HORIZONTAL ☐

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1304 FNL 2265 FEL	NWNE	9	3.0 S	1.0 E	U
Top of Uppermost Producing Zone	660 FNL 1980 FEL	NWNE	9	3.0 S	1.0 E	U
At Total Depth	660 FNL 1980 FEL	NWNE	9	3.0 S	1.0 E	U

21. COUNTY
UINTAH

22. DISTANCE TO NEAREST LEASE LINE (Feet)
421

23. NUMBER OF ACRES IN DRILLING UNIT
40

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
920

26. PROPOSED DEPTH
MD: 10240 TVD: 10240

27. ELEVATION - GROUND LEVEL
4943

28. BOND NUMBER
LPM9032132

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 1000	24.0	J-55 ST&C	8.4	Class G	450	1.15	15.8
Prod	7.875	5.5	0 - 10240	17.0	N-80 LT&C	10.0	Light (Hibond)	300	3.66	10.5
							Class G	150	2.95	11.0
							Class G	450	1.65	13.0

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ✔ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ✔ COMPLETE DRILLING PLAN
- ✔ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ✔ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ✔ TOPOGRAPHICAL MAP

NAME Jenn Mendoza | **TITLE** Regulatory Specialist | **PHONE** 720 420-3229

SIGNATURE | **DATE** 09/13/2012 | **EMAIL** jmendoza@uteenergy.com

API NUMBER ASSIGNED
43047531140000

APPROVAL
Permit Manager

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RECEIVED: November 08, 2012

Ute Energy Upstream Holdings LLC
Kendall 2-9-3-1E
NW/NE of Section 9, T3S, R1E
SHL: 1304' FNL & 2265' FEL
BHL: 660' FNL & 1980' FEL
Uintah County, Utah

DRILLING PLAN

1-2. Geologic Surface Formation and Estimated Tops of Important Geologic Markers

Formation	Depth - TVD	Depth - MD
Uinta	Surface	Surface
Upper Green River Marker	5245'	5255'
Mahogany	5756'	5768'
Garden Gulch (TGR3)	6945'	6961'
Douglas	7734'	7753'
Black Shale	8103'	8123'
Castle Peak	8311'	8332'
Uteland	8568'	8590'
Wasatch	8712'	8735'
TD	10212'	10240'

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3. Estimated Depths of Anticipated Water, Oil, Gas Or Minerals

Green River Formation (Oil) 5,255' – 8,735'
Wasatch Formation (Oil) 8,735' –10,240'

Fresh water may be encountered in the Uinta Formation, but would not be expected below 350'. All usable (>10,000 PPM TDS) water and prospectively valuable minerals (as described by DOGM at onsite) encountered during drilling will be recorded by depth and adequately protected.

All water shows and water bearing geologic units will be reported to the geologic and engineering staff of DOGM prior to running the next string of casing or before plugging orders are requested. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required. All water shows must be reported within one (1) business day after being encountered. Detected water flows shall be sampled, analyzed, and reported to the geologic and engineering staff at DOGM. DOGM may request additional water samples for further analysis.

The following information is requested for water shows and samples where applicable:

Location & Sample Interval
Flow Rate
Hardness
Water Classification (State of Utah)
Dissolved Iron (Fe) (ug/l)
Dissolved Magnesium (Mg) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)
Date Sampled
Temperature
pH
Dissolved Calcium (Ca) (mg/l)
Dissolved Sodium (Na) (mg/l)
Dissolved Carbonate (CO_3) (mg/l)
Dissolved Chloride (Cl) (mg/l)
Dissolved Total Solids (TDS) (mg/l)

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4. Proposed Casing & Cementing Program

Casing Design:

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Conductor **16"** **Hole Size 24"**	0'	40'	65	H-40	STC	1,640	670	439
Surface casing **8-5/8"** **Hole Size 12-1/4"**	0'	1000'	24	J-55	STC	2,950 9.27	1,370 2.63	244,000 10.17
Prod casing **5-1/2"** **Hole Size 7-7/8"**	0'	10,240'	17	E-80	LTC	7,740 2.62	6,280 1.30	348,000 2.20

Assumptions:

1. Surface casing max anticipated surface pressure (MASP) = Frac gradient – gas gradient
2. Production casing MASP (production mode) = Pore pressure – gas gradient
3. All collapse calculations assume fully evacuated casing w/gas gradient
4. All tension calculations assume air weight

Frac gradient at surface casing shoe = 10.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

Minimum Safety Factors:
Burst = 1.000
Collapse = 1.125
Tension = 1.800

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer per joint on the bottom 3 joints.

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Cementing Design:

Job	Fill	Description	Excess	Sacks	Weight (ppg)	Yield (ft^3/sk)
Surface casing	1000' - surface	Class V 2% chlorides	100%	450	15.8	1.15
Prod Lead 2	4500' to Surface	Hifill Class V 3% chlorides	45% in open-hole 0% in Cased hole	300	10.5	3.66
Prod casing Lead	6500' to 4500'	Hifill Class V 3% chlorides	25%	150	11	2.95
Prod casing Tail	TD to 6500'	Class G 10% chlorides	15%	450	13	1.65

*Actual volume pumped will have excess over gauge hole or caliper log if available
- Compressive strength of tail cement: 500 psi @ 7 hours
Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe. WOC time shall be recorded in the Driller's Log. Compressive strength shall be a minimum of 500 psi prior to drilling out.

The DOGM Roosevelt Field Office shall be notified, with sufficient lead time, in order to have a DOGM representative on location while running all casing strings and cementing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A Tuned spacer will be used to prevent contamination of the lead cement by the drilling mud.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 9, "Sundry Notices and Reports on Wells" shall be filed with DOGM within 30 days after the work is completed. This report must include the following information:

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Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated of the top of the cement behind the casing, depth of the cementing tools used, casing method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

5. Drilling Fluids Program

The Conductor section (from 0' to 40') will be drilled by Auger and final depth determined by when the black shale is encountered with a minimum depth of 40'.

The surface interval will then be drilled to ±1000' with air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run to the reserve pit. A variance is in request for this operation. The request can be found in section 12 of this plan.

From ±1000' to TD, a brine water system will be utilized. Clay inhibition and hole stability will be achieved with a polymer (DAP) additive; the reserve pit will be lined to address this additive. This brine water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 9.5 lbs/gal. If it is necessary to control formation fluids or pressure, the system will be weighted with the addition of brine, and if pressure conditions warrant, barite and/or calcium carbonate will be used as a weighting agent. There will be enough weighting agent on location to increase the entire system to 11.0 ppg MW.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior DOGM approval to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating characteristics of a hazardous waste will not be used in drilling, testing, or completion operations.

Ute Energy will visually monitor pit levels and flow from the well during drilling operations.

6. Minimum Specifications for Pressure Control

A 3,000 psi BOP system or better will be used on this well. All equipment will be installed and tested per Onshore Order No. 2.

The configuration is as follows:

- Float in drillstring
- Inside BOP or safety valve
- Safety valve with same pipe threading
- Rotating Head below rotary table
- Fillup line
- 11" Annular Preventer – rated to 3,000 psi minimum
- 11" bore, 4-1/2" pipe ram – rated to 3,000 psi minimum
- 11" bore, Blind Ram – rated to 3,000 psi minimum

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- 11" bore Drilling Spool with 2 side outlets (Choke side at 3" minimum & Kill side at 2" minimum)
  - 2 Kill line valves at 2" minimum – one with a check valve
  - Kill line at 2" minimum
  - 2 Choke line valves at 3" minimum
  - Choke line at 3" minimum
  - 2 adjustable chokes on manifold
  - Pressure gauge on choke manifold

7. BOPE Test Criteria

A Function Test of the Ram BOP equipment shall be made every trip and annular preventer every week. All required BOP tests and/or drills shall be recorded in the Driller's Report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to DOGM representatives upon request.

At a minimum, the Annular preventer will be tested to 50% of its rating for ten minutes. All other equipment (Rams, valves, manifold) will be tested at 3,000 psi for 10 minutes with a test plug. If we were to change rams for any reason post drillout we shall test the rams to 70% of surface casing internal yield.

At a minimum, the above pressure tests will be performed when such conditions exist:

- BOP's are initially installed
- Whenever a seal subject to pressure test is broken
- Following repairs to the BOPs
- Every 30 days

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8. Accumulator

The Accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (HCR), close both rams and annular preventer as well maintain 200 psi above nitrogen precharge of the accumulator without use of accumulator pumps. The fluid reservoir volume will be double the usable volume of the accumulator system. The fluid level will be maintained per manufacturer's specifications.

The BOP system will have 2 independent power sources to close both rams and annular preventer, while opening HCR. Nitrogen bottles will be 1 source and electric and/or air powered pumps will be the other.

The accumulator precharge will be conducted every 6 months and maintained to be within the specifications of Onshore Order No. 2

A manual locking device or automatic locking device will be installed on both ram preventers and annular preventer.

Remote controls will be readily accessible to the driller and be capable of closing all preventers. Main controls will be available to allow full functioning of all preventers and HCR.

9. Testing, Logging and Coring Programs

The logging program will consist of a Gamma Ray log from TD to base of surface casing @ +/- 1000'. A cement bond log will be run from PBTD to Top of cement. No drill stem testing or coring is planned for this well.

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10. Anticipated Abnormal Pressures or Temperature

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous wells drilled to similar depths in this area.

Maximum anticipated bottomhole pressure will be approximately equal to total depth in feet multiplied by a 0.52 psi/ft gradient, and a maximum anticipated surface pressure will be approximately equal to the bottomhole pressure calculated minus the pressure of a partially evacuated hole calculated at a 0.22 psi/foot gradient.

11. Anticipated Starting Date and Duration of Operations

It is anticipated that drilling operations will commence in January, 2013, and take approximately seven (7) days from spud to rig release and two weeks for completions.

12. Variances Requested from Onshore Order No. 2

1. A diverter is utilized for surface air drilling, rather than a lubricated rotating head.
2. The blooie line is 45 ft from the wellbore rather than 100' and is not anchored down.
3. The blooie line is not equipped with an automatic igniter or continuous pilot light.
4. The compressor is located on the rig itself and not 100 ft from the wellbore.
5. The requirement for an Formation Integrity Test (FIT) or a Leak Off Test (LOT)

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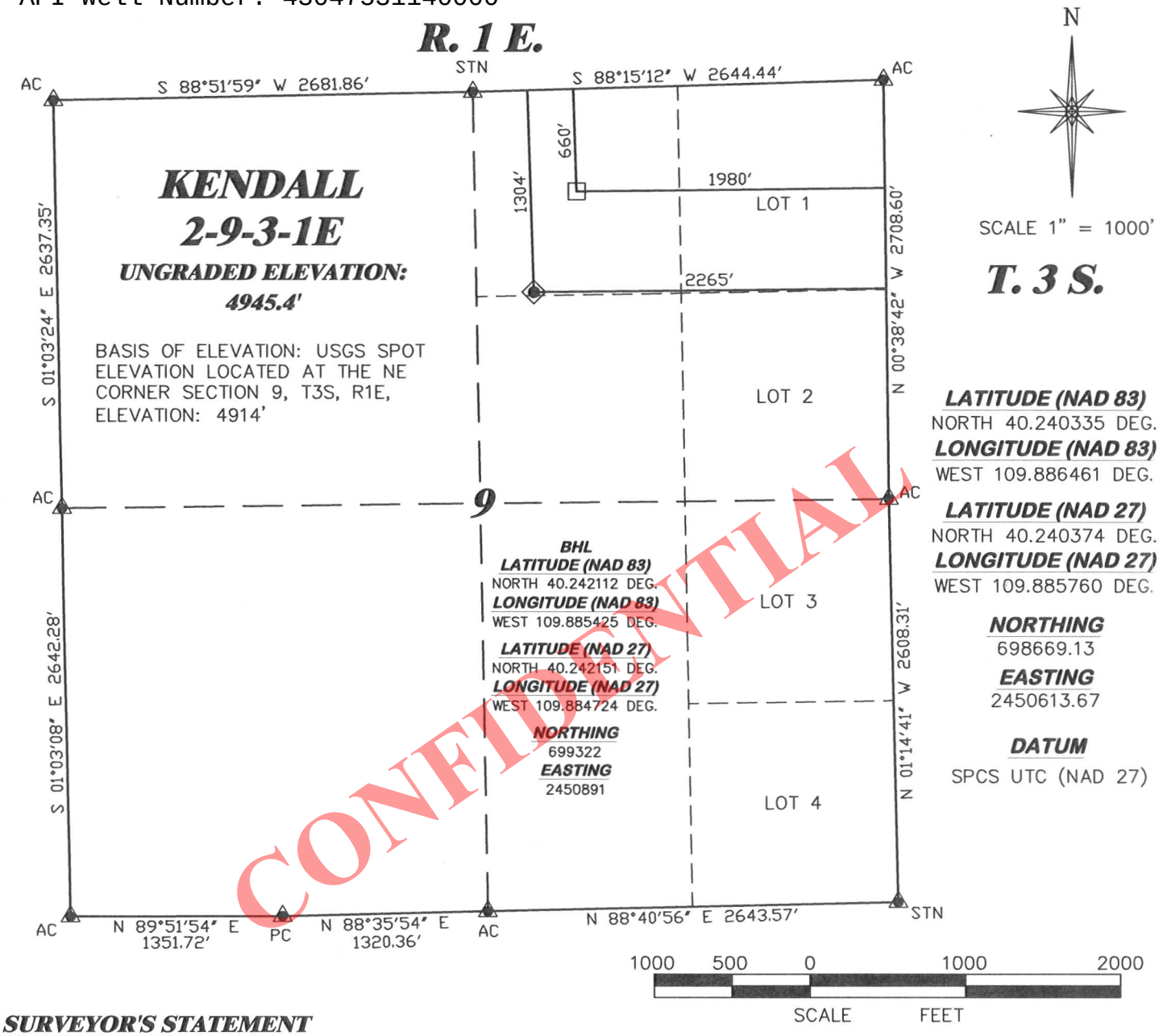
API Well Number: 43047531140000



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SURVEYOR'S STATEMENT

I, MICHAEL C. LOCK, OF ROCK SPRINGS, WYOMING, HEREBY STATE: THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL FIELD SURVEY DONE UNDER MY DIRECT SUPERVISION ON JUNE 2, 2012 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF KENDALL 2–9–3–1E AS STAKED ON THE GROUND.

PROFESSIONAL LAND SURVEYOR
PLS 6986593-2201
MICHAEL C. LOCK
STATE OF UTAH

UTAH PLS No. 6986593–2201

6-13-12

LEGEND

- WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- FOUND MONUMENT
- PREVIOUSLY FOUND MONUMENT
- CALCULATED CORNER

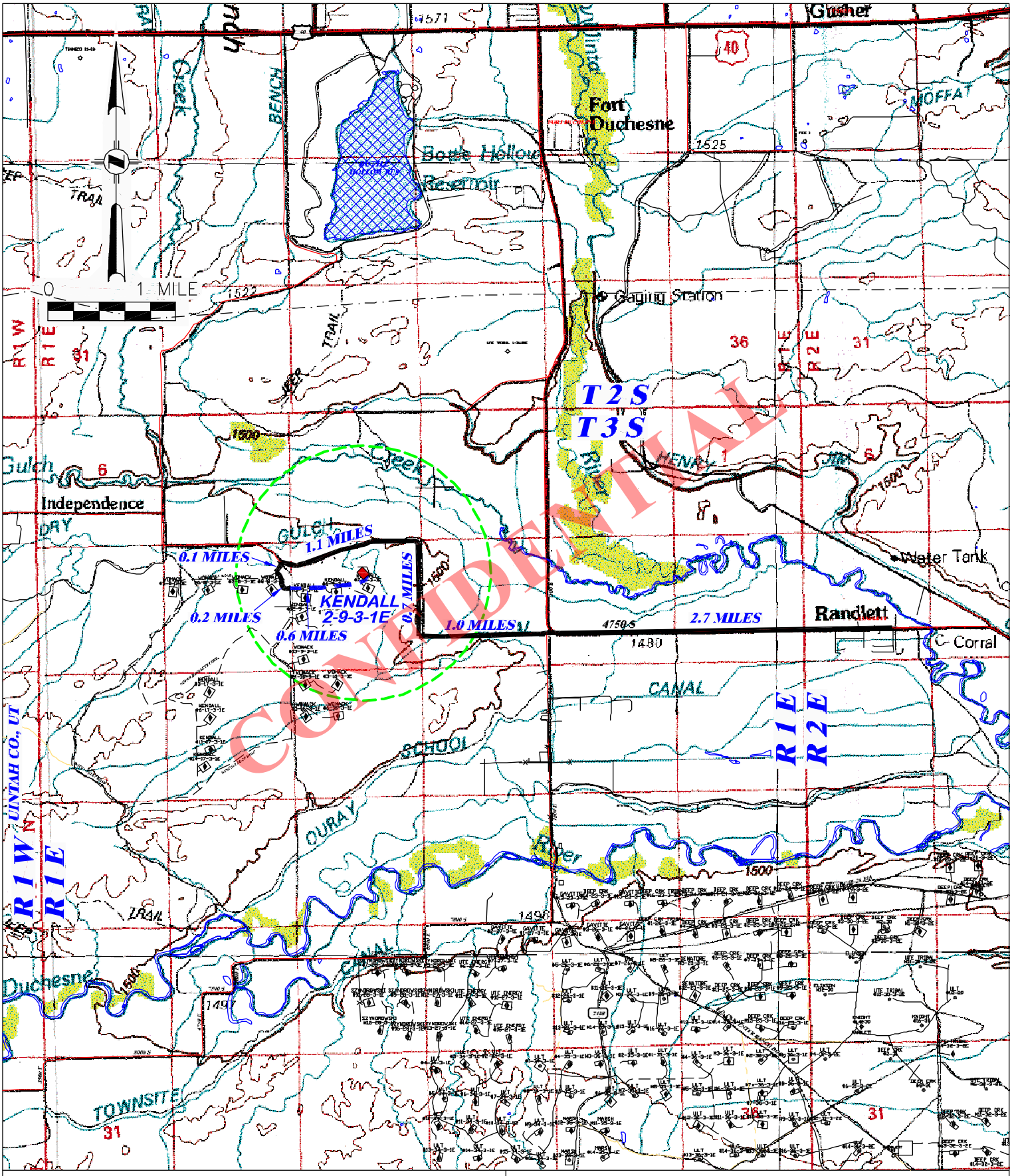
DRG GRIFFIN & ASSOCIATES, INC.
(307) 362-5028
1414 ELK ST., ROCK SPRINGS, WY 82901

PLAT OF DRILLING LOCATION FOR UTE ENERGY

DRAWN: 6/11/12 - JMB	SCALE: 1" = 1000'
REVISED: NA	DRG JOB No. 19263
	EXHIBIT 1

1304' F/NL & 2265' F/EL, NWNE, SECTION 9, T. 3 S., R. 1 E., UINTAH SPECIAL MERIDIAN, UINTAH COUNTY, UTAH

API Well Number: 43047531140000



DRG RIFFIN & ASSOCIATES, INC.
(307) 362-5028
1414 ELK ST., ROCK SPRINGS, WY 82901

PROPOSED ACCESS FOR UTE ENERGY KENDALL 2-9-3-1E SECTION 9, T3S, R1E

DRAWN: 6/11/12 - JMB	SCALE: 1" = MILE
REVISED: NA	DRG JOB No. 19263
	TOPO A

PROPOSED ROAD — — — — EXISTING ROAD ————

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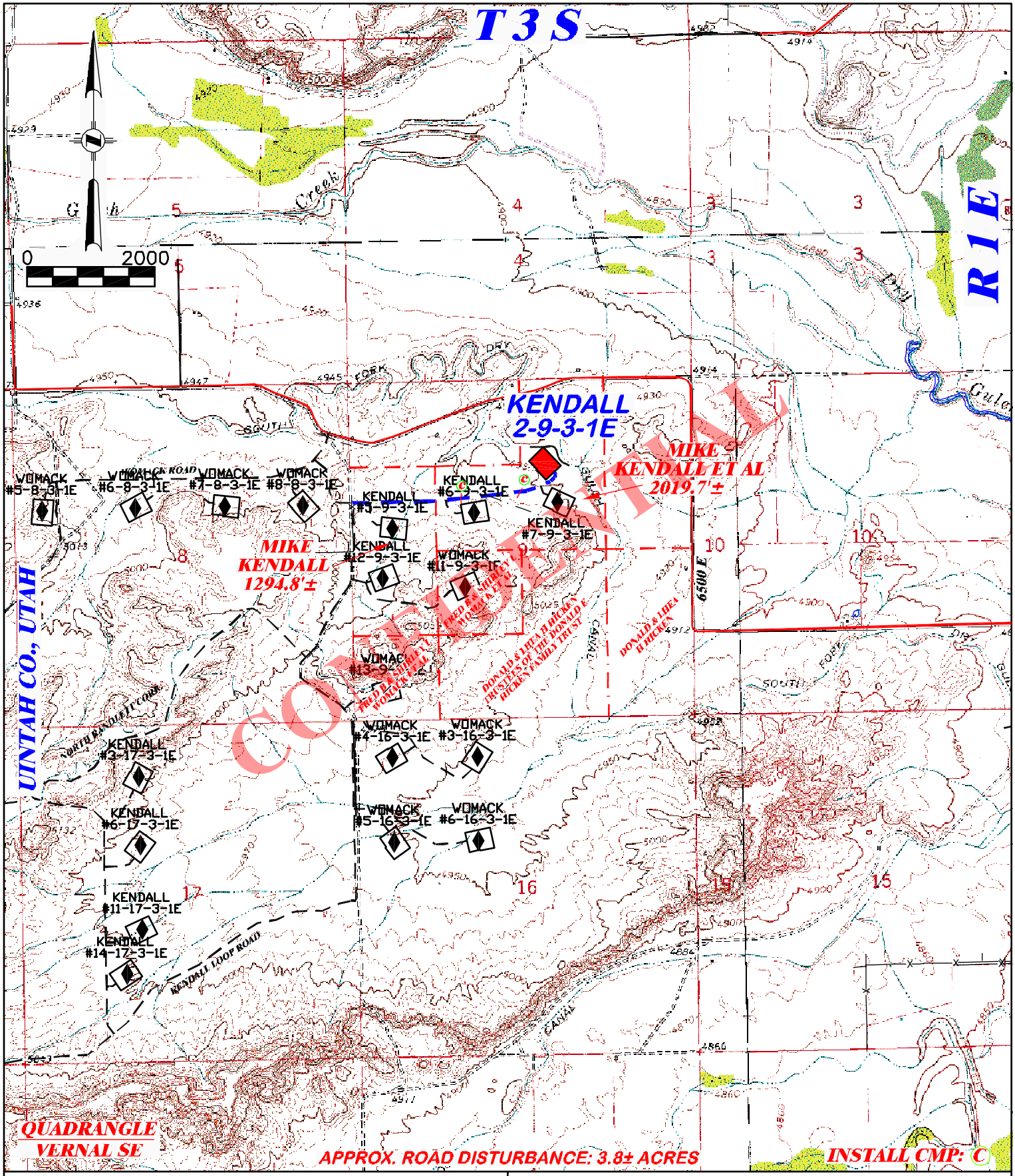
API Well Number: 43047531140000



DRG RIFFIN & ASSOCIATES, INC.
(307) 362-5028
1414 ELK ST., ROCK SPRINGS, WY 82901

PROPOSED ROAD FOR UTE ENERGY KENDALL 2-9-3-1E SECTION 9, T3S, R1E

DRAWN: 6/11/12 - JMB	SCALE: 1" = 2000'	
REVISED: NA	DRG JOB No. 19263	TOTAL PROPOSED LENGTH: 3314.5'±
	TOPO B	PROPOSED ROAD — — — — EXISTING ROAD ———

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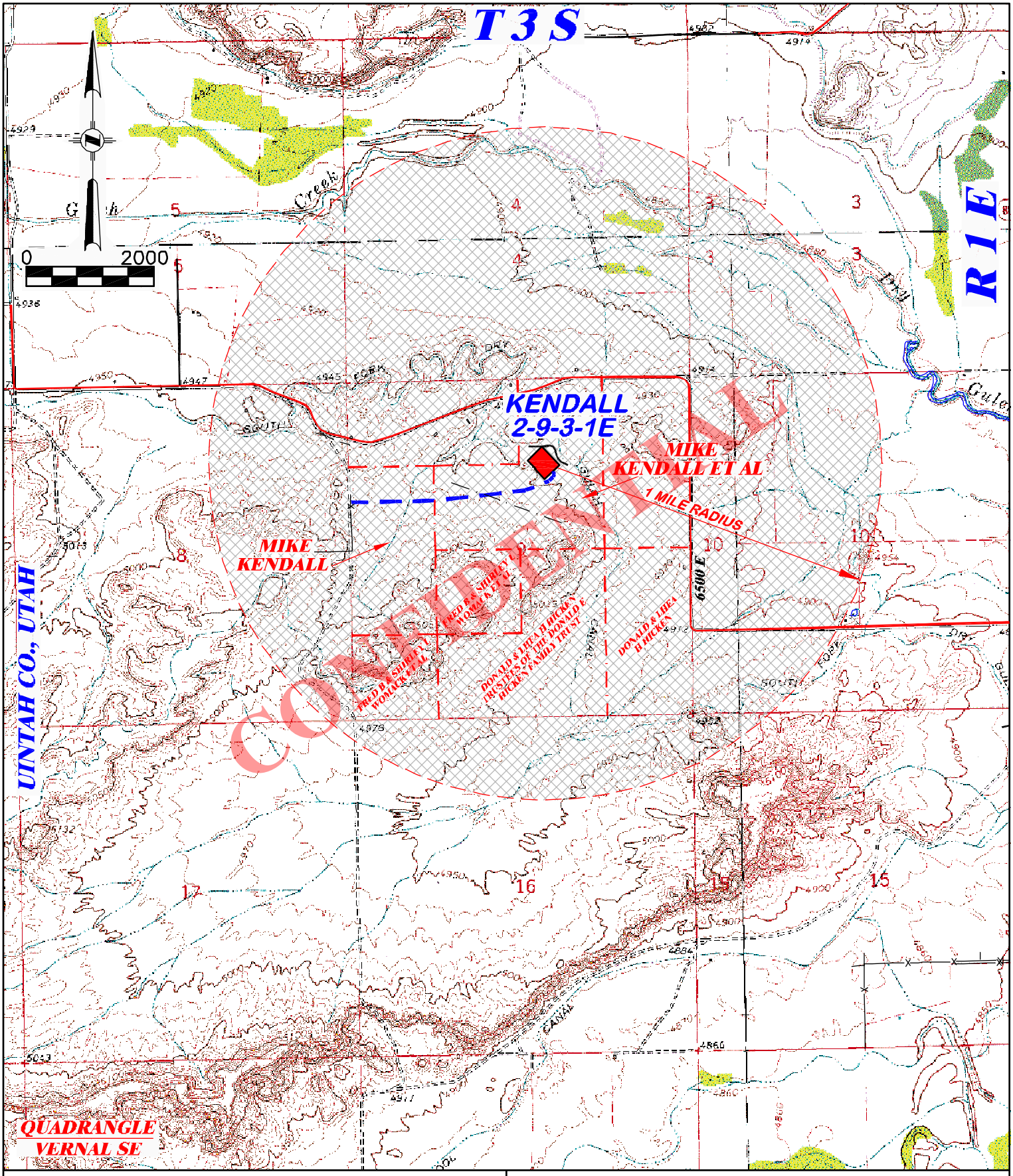
API Well Number: 43047531140000



DRIFFIN & ASSOCIATES, INC.
(307) 362-5028
1414 ELK ST., ROCK SPRINGS, WY 82901

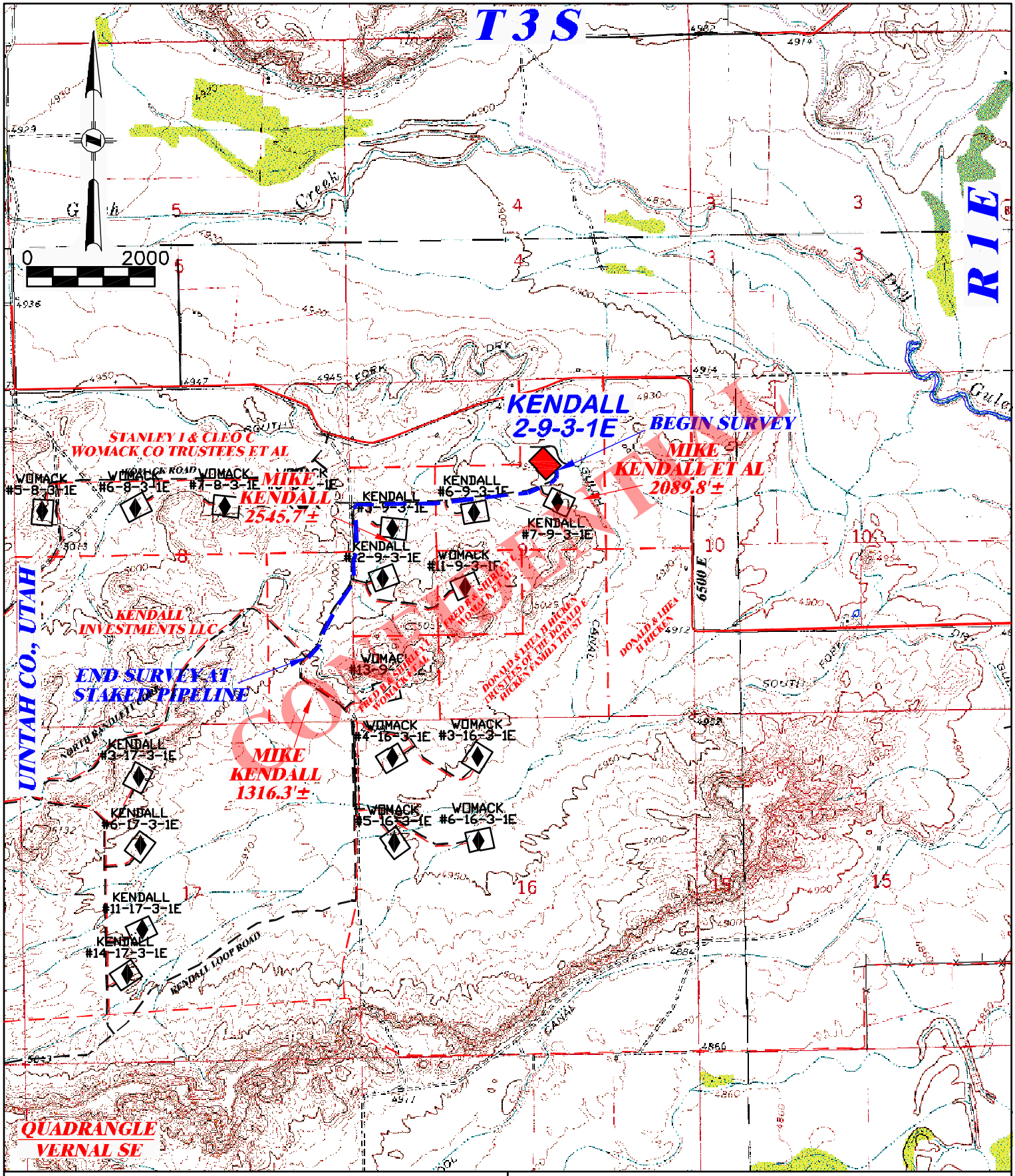
DRAWN: 6/11/12 - JMB	SCALE: 1" = 2000'
REVISED: NA	DRG JOB No. 19263
	TOPO C

ONE MILE RADIUS FOR
UTE ENERGY
KENDALL 2-9-3-1E
SECTION 9, T3S, R1E

PROPOSED ROAD — — — — EXISTING ROAD ———

RECEIVED: September 12, 2012

API Well Number: 43047531140000



DRG RIFFIN & ASSOCIATES, INC.
(307) 362-5028
1414 ELK ST., ROCK SPRINGS, WY 82901

PROPOSED PIPELINE FOR
UTE ENERGY
KENDALL 2-9-3-1E
SECTION 9, T3S, R1E

DRAWN: 6/11/12 - JMB	SCALE: 1" = 2000'	
REVISED: NA	DRG JOB No. 19263	TOTAL PROPOSED LENGTH: 5951.8'±
	TOPO D	PROPOSED PIPELINE — — — EXISTING ROAD ———

RECEIVED: September 12, 2012

API Well Number: 43047531140000

Company: **UTE Energy**	Job Number:	Proposed Azimuth:	23.87
Field: **Randlett**	Magnetic Decl:	Target Inclination:	**4.90**
County: **Uinta, UT**	Grid Corr:	TVD:	**10212.00**
Well Name: **Kendall 2-9-3-1E**	Total Survey Corr:	BRN From Survey:	
Rig: **TBD**	Date Printed:	BRN From Bit:	

Projection			Depth (ft)		Incl.			Azmuth		TVD		VS	N/S		E/W
No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Quadrant	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates N/S (ft)	Coordinates E/W (ft)	Closure Dist (ft)	Closure Ang (°)	DLS (°/100')	Bld Rate (°/100')
0	TIE	0.00	0.00	0.00			0.00	0.00	0.00 N	0.00 W				
1	KOP	2000.00	2.00	23.87	N 23.87 E	2000	1999.59	34.90	31.92 N	14.12 E	34.90	23.87	0.10	0.10
2	MWD	2100.00	2.00	23.87	N 23.87 E	100	2099.53	38.39	35.11 N	15.54 E	38.39	23.87	0.00	0.00
3	MWD	2200.00	2.25	23.87	N 23.87 E	100	2199.46	42.10	38.50 N	17.04 E	42.10	23.87	0.25	0.25
4	MWD	2300.00	3.00	23.87	N 23.87 E	100	2299.36	46.68	42.69 N	18.89 E	46.68	23.87	0.75	0.75
5	MWD	2400.00	3.00	23.87	N 23.87 E	100	2399.22	51.91	47.47 N	21.01 E	51.91	23.87	0.00	0.00
6	MWD	2500.00	3.00	23.87	N 23.87 E	100	2499.08	57.15	52.26 N	23.13 E	57.15	23.87	0.00	0.00
7	MWD	2600.00	3.00	23.87	N 23.87 E	100	2598.95	62.38	57.05 N	25.24 E	62.38	23.87	0.00	0.00
8	MWD	2700.00	4.00	23.87	N 23.87 E	100	2698.76	68.49	62.63 N	27.71 E	68.49	23.87	1.00	1.00
9	MWD	2800.00	4.00	23.87	N 23.87 E	100	2798.52	75.46	69.01 N	30.54 E	75.46	23.87	0.00	0.00
10	MWD	2900.00	4.00	23.87	N 23.87 E	100	2898.27	82.44	75.39 N	33.36 E	82.44	23.87	0.00	0.00
11	MWD	3000.00	4.00	23.87	N 23.87 E	100	2998.03	89.41	81.77 N	36.18 E	89.41	23.87	0.00	0.00
12	MWD	3100.00	4.50	23.87	N 23.87 E	100	3097.75	96.82	88.54 N	39.18 E	96.82	23.87	0.50	0.50
13	MWD	3200.00	4.50	23.87	N 23.87 E	100	3197.45	104.67	95.72 N	42.36 E	104.67	23.87	0.00	0.00
14	MWD	3300.00	4.50	23.87	N 23.87 E	100	3297.14	112.52	102.89 N	45.53 E	112.52	23.87	0.00	0.00
15	MWD	3400.00	4.50	23.87	N 23.87 E	100	3396.83	120.36	110.07 N	48.71 E	120.36	23.87	0.00	0.00
16	MWD	3500.00	4.90	23.87	N 23.87 E	100	3496.49	128.56	117.56 N	52.02 E	128.56	23.87	0.40	0.40
17	MWD	3600.00	4.90	23.87	N 23.87 E	100	3596.13	137.10	125.37 N	55.48 E	137.10	23.87	0.00	0.00
18	MWD	3700.00	4.90	23.87	N 23.87 E	100	3695.76	145.64	133.18 N	58.93 E	145.64	23.87	0.00	0.00
19	MWD	3800.00	4.90	23.87	N 23.87 E	100	3795.40	154.18	140.99 N	62.39 E	154.18	23.87	0.00	0.00
20	MWD	3900.00	4.90	23.87	N 23.87 E	100	3895.03	162.72	148.80 N	65.85 E	162.72	23.87	0.00	0.00
21	MWD	4000.00	4.90	23.87	N 23.87 E	100	3994.66	171.26	156.62 N	69.30 E	171.26	23.87	0.00	0.00
22	MWD	4100.00	4.90	23.87	N 23.87 E	100	4094.30	179.81	164.43 N	72.76 E	179.81	23.87	0.00	0.00
23	MWD	4200.00	4.90	23.87	N 23.87 E	100	4193.93	188.35	172.24 N	76.22 E	188.35	23.87	0.00	0.00
24	MWD	4300.00	4.90	23.87	N 23.87 E	100	4293.57	196.89	180.05 N	79.67 E	196.89	23.87	0.00	0.00
25	MWD	4400.00	4.90	23.87	N 23.87 E	100	4393.20	205.43	187.86 N	83.13 E	205.43	23.87	0.00	0.00
26	MWD	4500.00	4.90	23.87	N 23.87 E	100	4492.84	213.97	195.67 N	86.59 E	213.97	23.87	0.00	0.00
27	MWD	4600.00	4.90	23.87	N 23.87 E	100	4592.47	222.51	203.48 N	90.04 E	222.51	23.87	0.00	0.00
28	MWD	4700.00	4.90	23.87	N 23.87 E	100	4692.11	231.06	211.29 N	93.50 E	231.06	23.87	0.00	0.00
29	MWD	4800.00	4.90	23.87	N 23.87 E	100	4791.74	239.60	219.10 N	96.96 E	239.60	23.87	0.00	0.00
30	MWD	4900.00	4.90	23.87	N 23.87 E	100	4891.38	248.14	226.92 N	100.41 E	248.14	23.87	0.00	0.00
31	MWD	5000.00	4.90	23.87	N 23.87 E	100	4991.01	256.68	234.73 N	103.87 E	256.68	23.87	0.00	0.00
32	MWD	5100.00	4.90	23.87	N 23.87 E	100	5090.64	265.22	242.54 N	107.33 E	265.22	23.87	0.00	0.00
33	MWD	5200.00	4.90	23.87	N 23.87 E	100	5190.28	273.76	250.35 N	110.78 E	273.76	23.87	0.00	0.00
34	MWD	5300.00	4.90	23.87	N 23.87 E	100	5289.91	282.31	258.16 N	114.24 E	282.31	23.87	0.00	0.00
35	MWD	5400.00	4.90	23.87	N 23.87 E	100	5389.55	290.85	265.97 N	117.70 E	290.85	23.87	0.00	0.00
36	Plan	5500.00	4.90	23.87	N 23.87 E	100	5489.18	299.39	273.78 N	121.15 E	299.39	23.87	0.00	0.00
37	Plan	5600.00	4.90	23.87	N 23.87 E	100	5588.82	307.93	281.59 N	124.61 E	307.93	23.87	0.00	0.00
38	Plan	5700.00	4.90	23.87	N 23.87 E	100	5688.45	316.47	289.40 N	128.06 E	316.47	23.87	0.00	0.00
39	Plan	5800.00	4.90	23.87	N 23.87 E	100	5788.09	325.01	297.21 N	131.52 E	325.01	23.87	0.00	0.00
40	Plan	5900.00	4.90	23.87	N 23.87 E	100	5887.72	333.56	305.03 N	134.98 E	333.56	23.87	0.00	0.00
41	Plan	6000.00	4.90	23.87	N 23.87 E	100	5987.36	342.10	312.84 N	138.43 E	342.10	23.87	0.00	0.00
42	Plan	6100.00	4.90	23.87	N 23.87 E	100	6086.99	350.64	320.65 N	141.89 E	350.64	23.87	0.00	0.00
43	Plan	6200.00	4.90	23.87	N 23.87 E	100	6186.62	359.18	328.46 N	145.35 E	359.18	23.87	0.00	0.00
44	Plan	6300.00	4.90	23.87	N 23.87 E	100	6286.26	367.72	336.27 N	148.80 E	367.72	23.87	0.00	0.00
45	Plan	6400.00	4.90	23.87	N 23.87 E	100	6385.89	376.26	344.08 N	152.26 E	376.26	23.87	0.00	0.00
46	Plan	6500.00	4.90	23.87	N 23.87 E	100	6485.53	384.81	351.89 N	155.72 E	384.81	23.87	0.00	0.00
47	Plan	6600.00	4.90	23.87	N 23.87 E	100	6585.16	393.35	359.70 N	159.17 E	393.35	23.87	0.00	0.00
48	Plan	6700.00	4.90	23.87	N 23.87 E	100	6684.80	401.89	367.51 N	162.63 E	401.89	23.87	0.00	0.00
49	Plan	6800.00	4.90	23.87	N 23.87 E	100	6784.43	410.43	375.33 N	166.09 E	410.43	23.87	0.00	0.00
50	Plan	6900.00	4.90	23.87	N 23.87 E	100	6884.07	418.97	383.14 N	169.54 E	418.97	23.87	0.00	0.00
51	Plan	7000.00	4.90	23.87	N 23.87 E	100	6983.70	427.51	390.95 N	173.00 E	427.51	23.87	0.00	0.00
52	Plan	7100.00	4.90	23.87	N 23.87 E	100	7083.34	436.06	398.76 N	176.46 E	436.06	23.87	0.00	0.00
53	Plan	7200.00	4.90	23.87	N 23.87 E	100	7182.97	444.60	406.57 N	179.91 E	444.60	23.87	0.00	0.00
54	Plan	7300.00	4.90	23.87	N 23.87 E	100	7282.60	453.14	414.38 N	183.37 E	453.14	23.87	0.00	0.00
55	Plan	7400.00	4.90	23.87	N 23.87 E	100	7382.24	461.68	422.19 N	186.83 E	461.68	23.87	0.00	0.00
56	Plan	7500.00	4.90	23.87	N 23.87 E	100	7481.87	470.22	430.00 N	190.28 E	470.22	23.87	0.00	0.00
57	Plan	7600.00	4.90	23.87	N 23.87 E	100	7581.51	478.77	437.81 N	193.74 E	478.77	23.87	0.00	0.00
58	Plan	7700.00	4.90	23.87	N 23.87 E	100	7681.14	487.31	445.63 N	197.19 E	487.31	23.87	0.00	0.00
59	Plan	7800.00	4.90	23.87	N 23.87 E	100	7780.78	495.85	453.44 N	200.65 E	495.85	23.87	0.00	0.00
60	Plan	7900.00	4.90	23.87	N 23.87 E	100	7880.41	504.39	461.25 N	204.11 E	504.39	23.87	0.00	0.00
61	Plan	8000.00	4.90	23.87	N 23.87 E	100	7980.05	512.93	469.06 N	207.56 E	512.93	23.87	0.00	0.00

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RECEIVED: September 12, 2012

API Well Number: 43047531140000

Company:	**UTE Energy**	Job Number:		Proposed Azimuth:	23.87
Field:	**Randlett**	Magnetic Decl:		Target Inclination:	**4.90**
County:	**Uinta, UT**	Grid Corr:		TVD:	**10212.00**
Well Name:	**Kendall 2-9-3-1E**	Total Survey Corr:		BRN From Survey:	
Rig:	**TBD**	Date Printed:		BRN From Bit:	

Projection			Depth (ft)		Incl.				Azmuth		TVD				VS		N/S			E/W
No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Quadrant			Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates N/S (ft)		E/W (ft)		Closure Dist (ft)	Ang (°)	DLS (°/100')	Bld Rate (°/100')		
62	Plan	8100.00	4.90	23.87	N	23.87	E	100	8079.68	521.47	476.87	N	211.02	E	521.47	23.87	0.00	0.00		
63	Plan	8200.00	4.90	23.87	N	23.87	E	100	8179.31	530.02	484.68	N	214.48	E	530.02	23.87	0.00	0.00		
64	Plan	8300.00	4.90	23.87	N	23.87	E	100	8278.95	538.56	492.49	N	217.93	E	538.56	23.87	0.00	0.00		
65	Plan	8400.00	4.90	23.87	N	23.87	E	100	8378.58	547.10	500.30	N	221.39	E	547.10	23.87	0.00	0.00		
66	Plan	8500.00	4.90	23.87	N	23.87	E	100	8478.22	555.64	508.11	N	224.85	E	555.64	23.87	0.00	0.00		
67	Plan	8600.00	4.90	23.87	N	23.87	E	100	8577.85	564.18	515.93	N	228.30	E	564.18	23.87	0.00	0.00		
68	Plan	8700.00	4.90	23.87	N	23.87	E	100	8677.49	572.72	523.74	N	231.76	E	572.72	23.87	0.00	0.00		
69	Plan	8800.00	4.90	23.87	N	23.87	E	100	8777.12	581.27	531.55	N	235.22	E	581.27	23.87	0.00	0.00		
70	Plan	8900.00	4.90	23.87	N	23.87	E	100	8876.76	589.81	539.36	N	238.67	E	589.81	23.87	0.00	0.00		
71	Plan	9000.00	4.90	23.87	N	23.87	E	100	8976.39	598.35	547.17	N	242.13	E	598.35	23.87	0.00	0.00		
72	Plan	9100.00	4.90	23.87	N	23.87	E	100	9076.03	606.89	554.98	N	245.59	E	606.89	23.87	0.00	0.00		
73	Plan	9200.00	4.90	23.87	N	23.87	E	100	9175.66	615.43	562.79	N	249.04	E	615.43	23.87	0.00	0.00		
74	Plan	9300.00	4.90	23.87	N	23.87	E	100	9275.29	623.97	570.60	N	252.50	E	623.97	23.87	0.00	0.00		
75	Plan	9400.00	4.90	23.87	N	23.87	E	100	9374.93	632.52	578.41	N	255.96	E	632.52	23.87	0.00	0.00		
76	Plan	9500.00	4.90	23.87	N	23.87	E	100	9474.56	641.06	586.23	N	259.41	E	641.06	23.87	0.00	0.00		
77	Plan	9600.00	4.90	23.87	N	23.87	E	100	9574.20	649.60	594.04	N	262.87	E	649.60	23.87	0.00	0.00		
78	Plan	9700.00	4.90	23.87	N	23.87	E	100	9673.83	658.14	601.85	N	266.33	E	658.14	23.87	0.00	0.00		
79	Plan	9800.00	4.90	23.87	N	23.87	E	100	9773.47	666.68	609.66	N	269.78	E	666.68	23.87	0.00	0.00		
80	Plan	9900.00	4.90	23.87	N	23.87	E	100	9873.10	675.22	617.47	N	273.24	E	675.22	23.87	0.00	0.00		
81	Plan	10240.14	4.90	23.87	N	23.87	E	340	10212.00	704.28	644.04	N	285.00	E	704.28	23.87	0.00	0.00		

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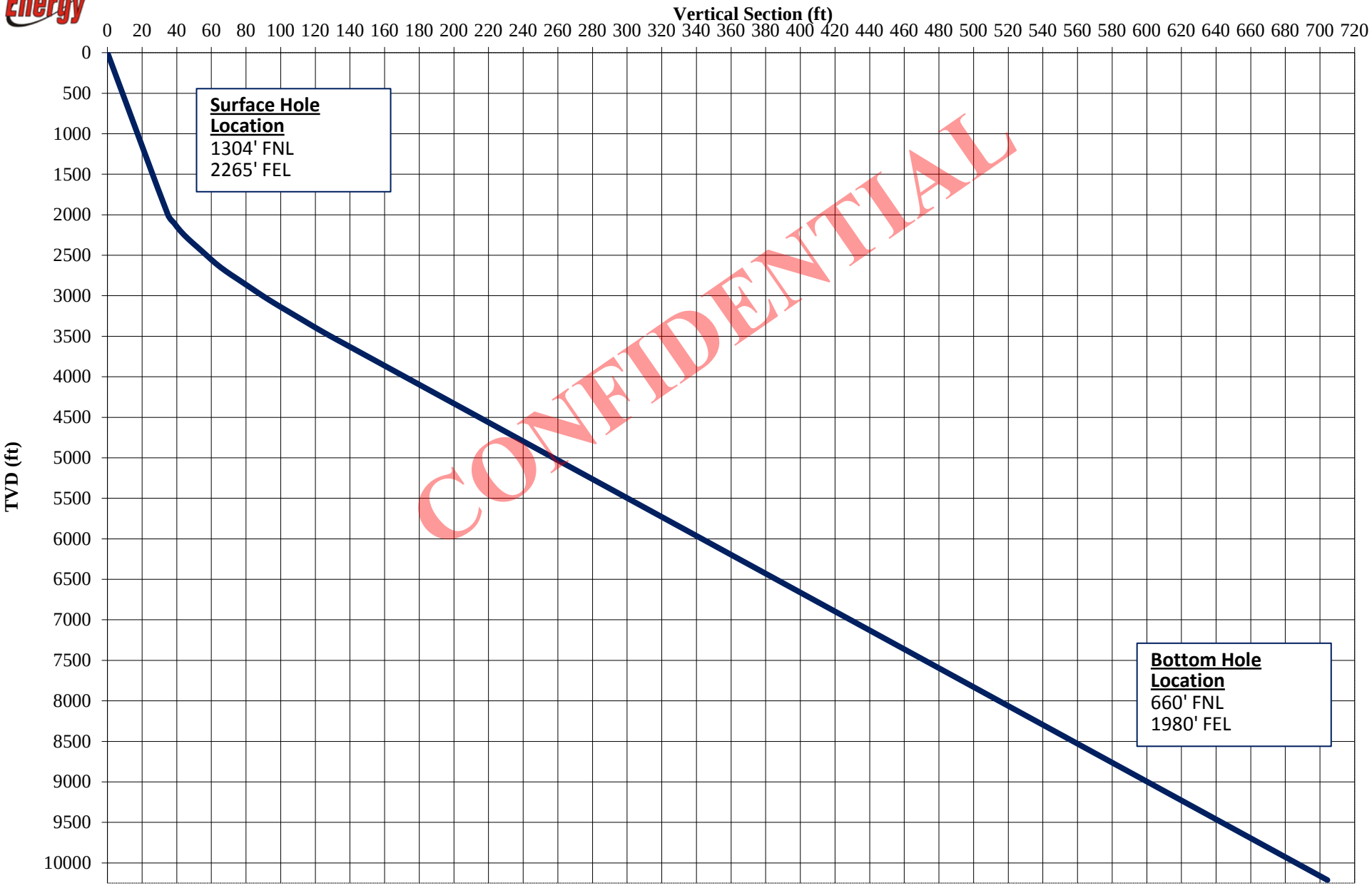
RECEIVED: September 12, 2012

API Well Number: 43047531140000

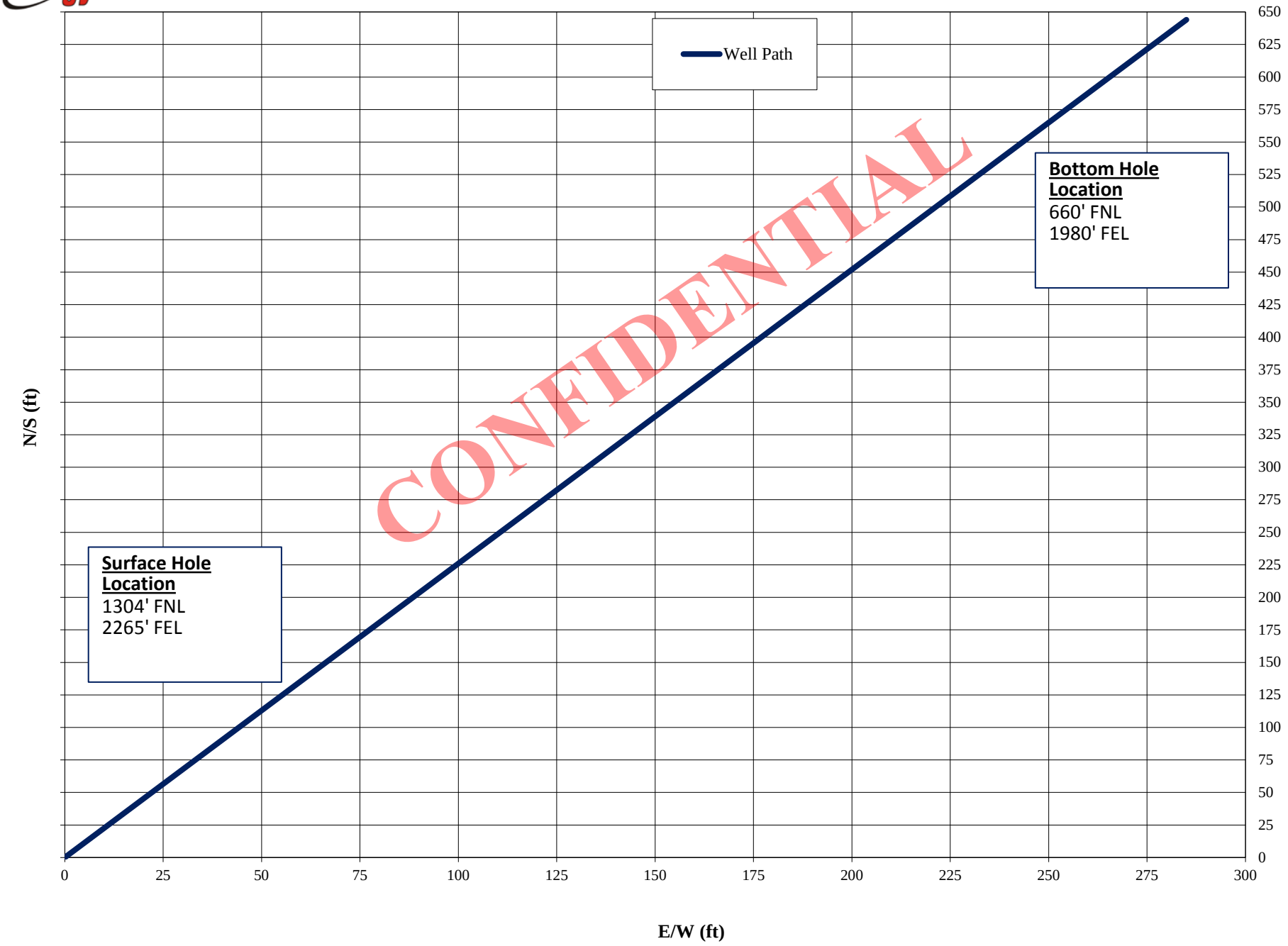
Well Path - Vertical Section View



RECEIVED: September 12, 2012

API Well Number: 43047531140000

Well Path - Azimuth View



RECEIVED: September 12, 2012

API Well Number: 43047531140000

Entry 2012004708
Book 1279 Page 351

MEMORANDUM of SURFACE USE AGREEMENT AND GRANT OF EASEMENTS

David Eckelberger is Landman for Ute Energy Upstream Holdings LLC, authorized to do business in Utah (hereinafter referred to as "Ute Energy"). Ute Energy owns, operates and manages oil and gas interests In Uintah and Duchesne Counties, Utah

WHEREAS, that certain Surface Use Agreement and Grant of Easements (the "Agreement") dated effective May 1st, 2012 has been entered into by and between Mike Kendall, whose address is 1638 E Gordon Ave , Layton, Utah 84040 ("Owner") and Ute Energy Upstream Holdings LLC, whose address is 1875 Lawrence Street, Suite 200, Denver, CO 80202 ("Operator")

WHEREAS, Owner owns the surface estate of the real property in Uintah County, Utah (the "Property"), legally described as:

Township 3 South, Range 1 East, USM

Section 8: E/2SE/4
Section 9: NW/4SW/4, SW/4NW/4, SE/4NW/4, W/2NE/4

WHEREAS, for an agreed upon monetary consideration, Operator may construct the necessary well site pads ("Well Pads") for drilling, completion, re-completion, reworking, re-entry, production, maintenance and operation of oil and gas wells on the Property Ute Energy, its agents, employees, assigns, contractors and subcontractors, may enter upon and use the Well Pads for the purposes of drilling, completing, producing, maintaining, and operating wells to produce oil, gas and associated hydrocarbons, including the construction and use of frac pits, tank batteries, water disposal pits, production equipment, compressor sites and other facilities used to produce and market oil, gas and associated hydrocarbons.

WHEREAS, Operator has the right to a non-exclusive access easement on the Property for ingress and egress by Operator and its employees, contractors, sub-contractors, agents, and business invitees as needed to conduct oil and gas operations

WHEREAS, Operator has the right to a non-exclusive pipeline easement to construct, maintain, inspect, operate and repair a pipeline or pipelines, pigging facilities and related appurtenances for the transportation of oil, gas, petroleum products, water and any other substances recovered during oil and gas production.

WHEREAS, the Agreement contains various other terms, provisions and conditions, all of which are incorporated herein by reference, and made a part hereof in all respects as thought the same were fully set forth herein Executed copies of the Agreement are in the possession of the Owner and Operator.

WHEREAS, this Agreement shall run with the land and be binding upon and inure to the benefit of the parties and their respective heirs, successors and assigns as stated in the Agreement

THEREFORE, Operator is granted access to the surface estate and the Agreement constitutes a valid and binding surface use agreement as required under Utah Admin. Code Rule R649-3-34(7).

This Memorandum is executed this 29th day of May, 2012

David Eckelberger
Landman

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ACKNOWLEDGEMENT

STATE OF COLORADO)
} ss
COUNTY OF DENVER)

The foregoing instrument was acknowledged before me by David Eckelberger, Landman for Ute Energy Upstream Holdings LLC this 29th day of May, 2012

Notary Public

Notary Seal

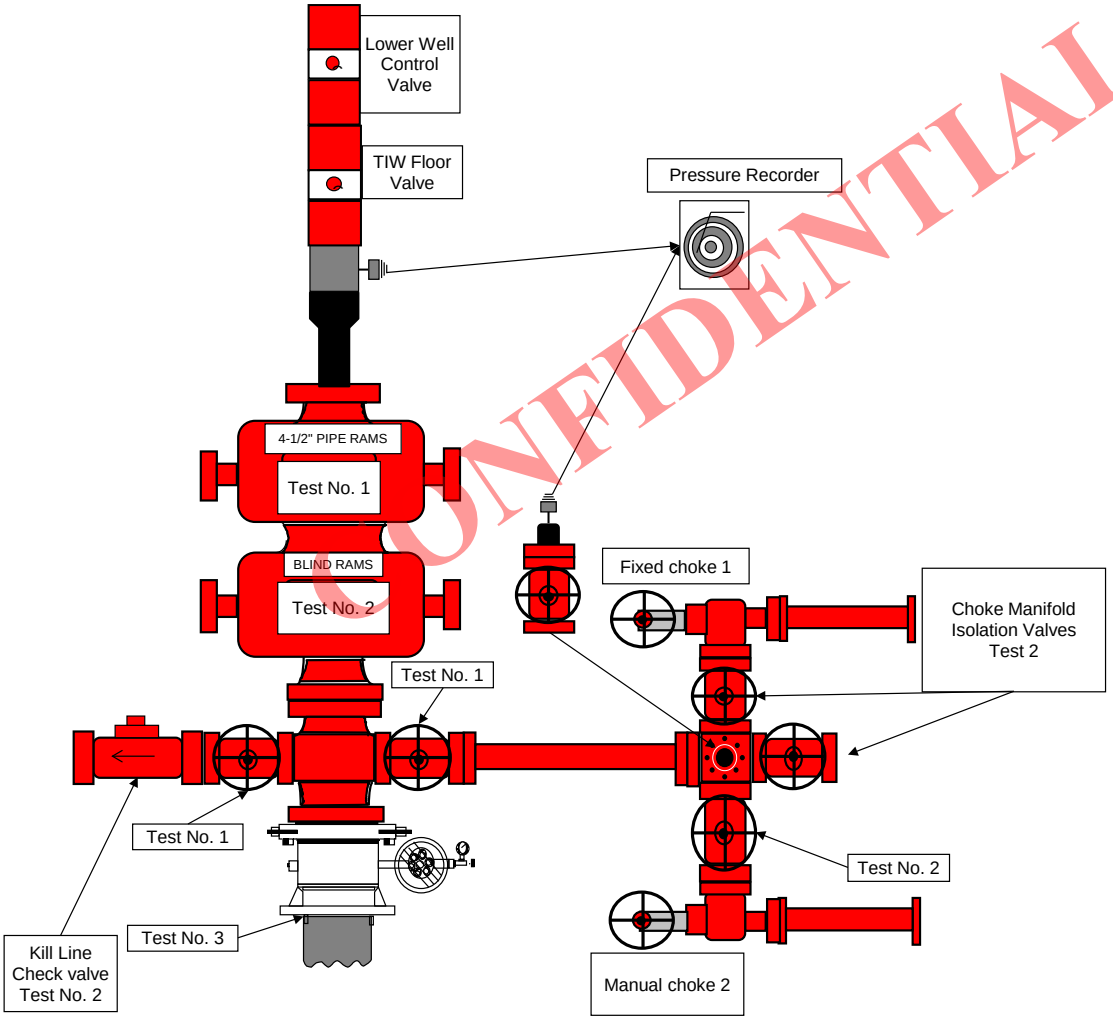
My Commission expires

Date

KARI QUARLES
NOTARY PUBLIC, STATE OF COLORADO
My Comm. Expires September 15, 2014

Entry 2012004708
Book 1279 Page 351 $11.00
31-MAY-12 10:53
RANDY SIMMONS
RECORDER, UINTAH COUNTY, UTAH
UTE ENERGY LLC ATTN FELICIA GATES-M
PO BOX 789 FT DUCHESNE, UT 84026
Rec By: CARADIE ASH , DEPUTY

Date:
Company: UTE Energy
Contractor: Propetro
Location: Randlett Field



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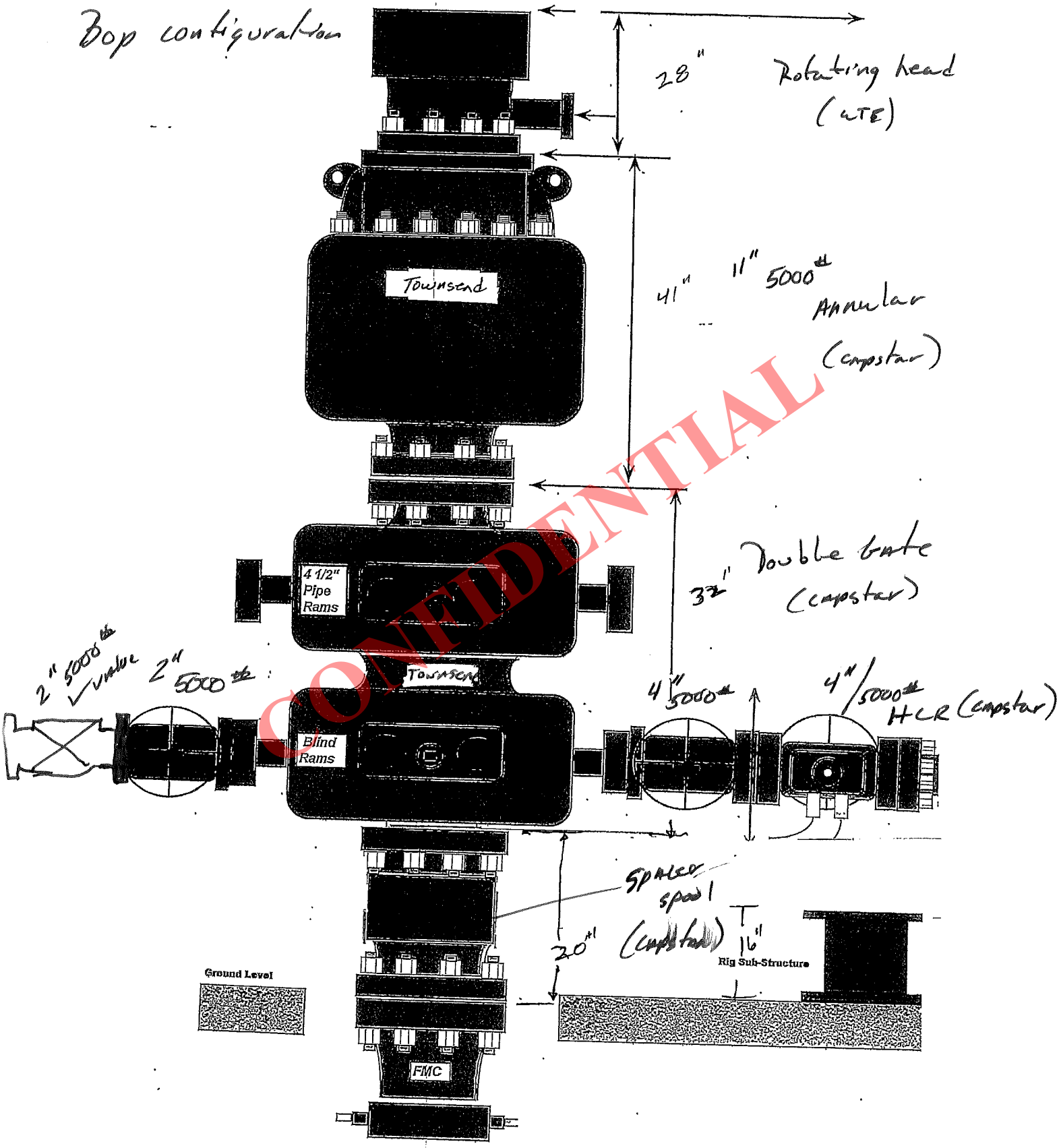
RECEIVED: September 12, 2012

11" 5000#

Bop configuration



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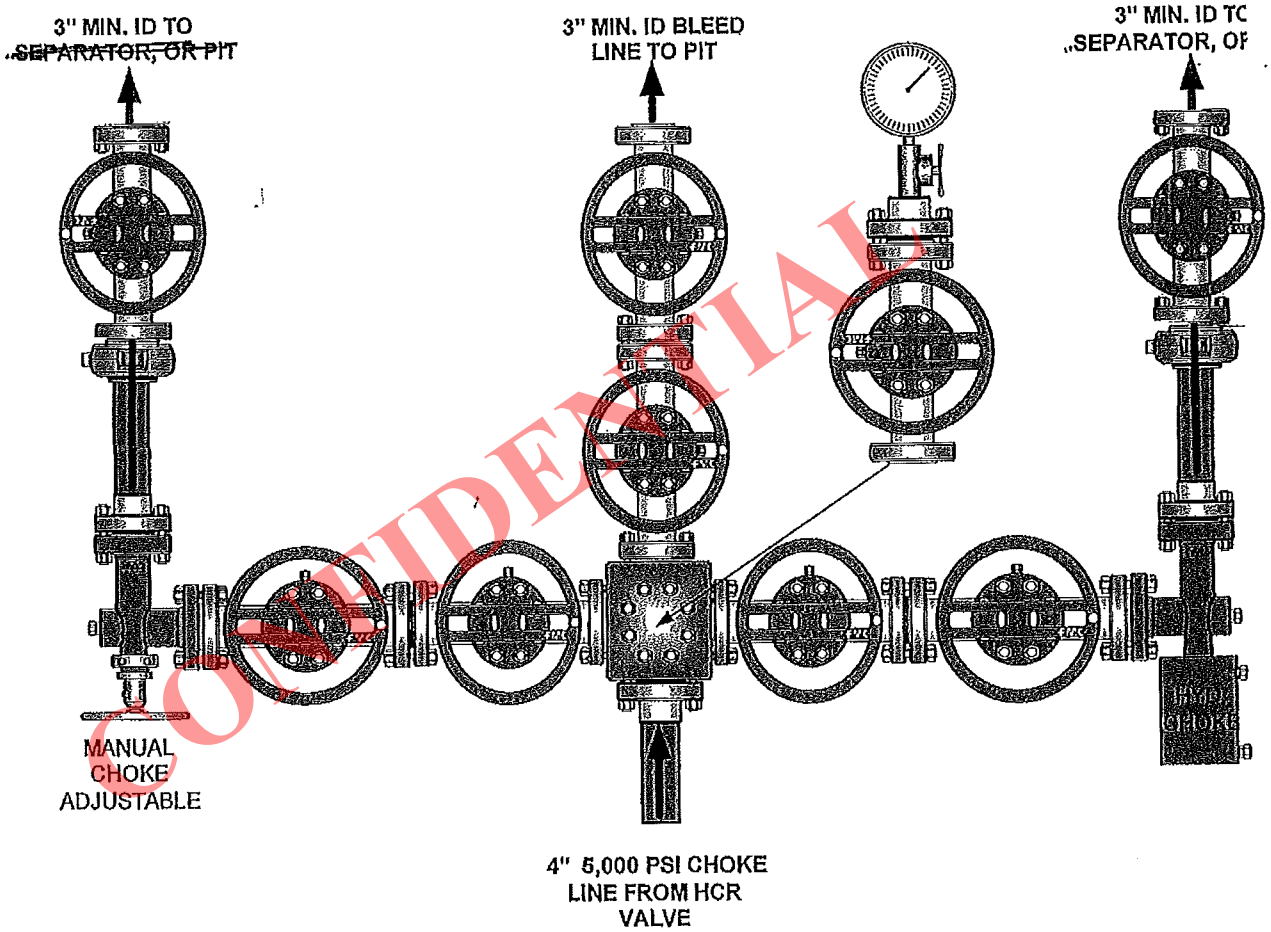
Capstar

CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES



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API Well Number: 43047531140000

UTE ENERGY LLC
1875 Lawrence Street, Suite 200
Denver, CO 80202
Phone: (720) 420-3200
Fax: (720) 420-3201

September 12, 2012

State of Utah Division of Oil, Gas and Mining
Attention: Diana Mason
1594 West North Temple
Salt Lake City, UT 84116

RE: Directional Drilling R649-3-11
Kendall 2-9-3-1E
SHL: 1,304' FNL & 2,265' FEL
BHL: 660' FNL & 1,980' FEL
Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing of Ute Energy Upstream Holdings, LLC's (Ute Energy) Application for Permit to Drill regarding the above referenced well on September 12, 2012, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- Ute Energy is permitting the Kendall 2-9-3-1E as a directional well. The surface location was moved outside the legal window from the center of the quarter-quarter due to topographic constraints.
- Furthermore, Ute Energy hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore (EDA # 14-20-H62-6288).

Therefore, based on the above stated information, Ute Energy requests the permit be granted pursuant to R649-3-11.

Sincerely,

Lori Browne
Regulatory Specialist

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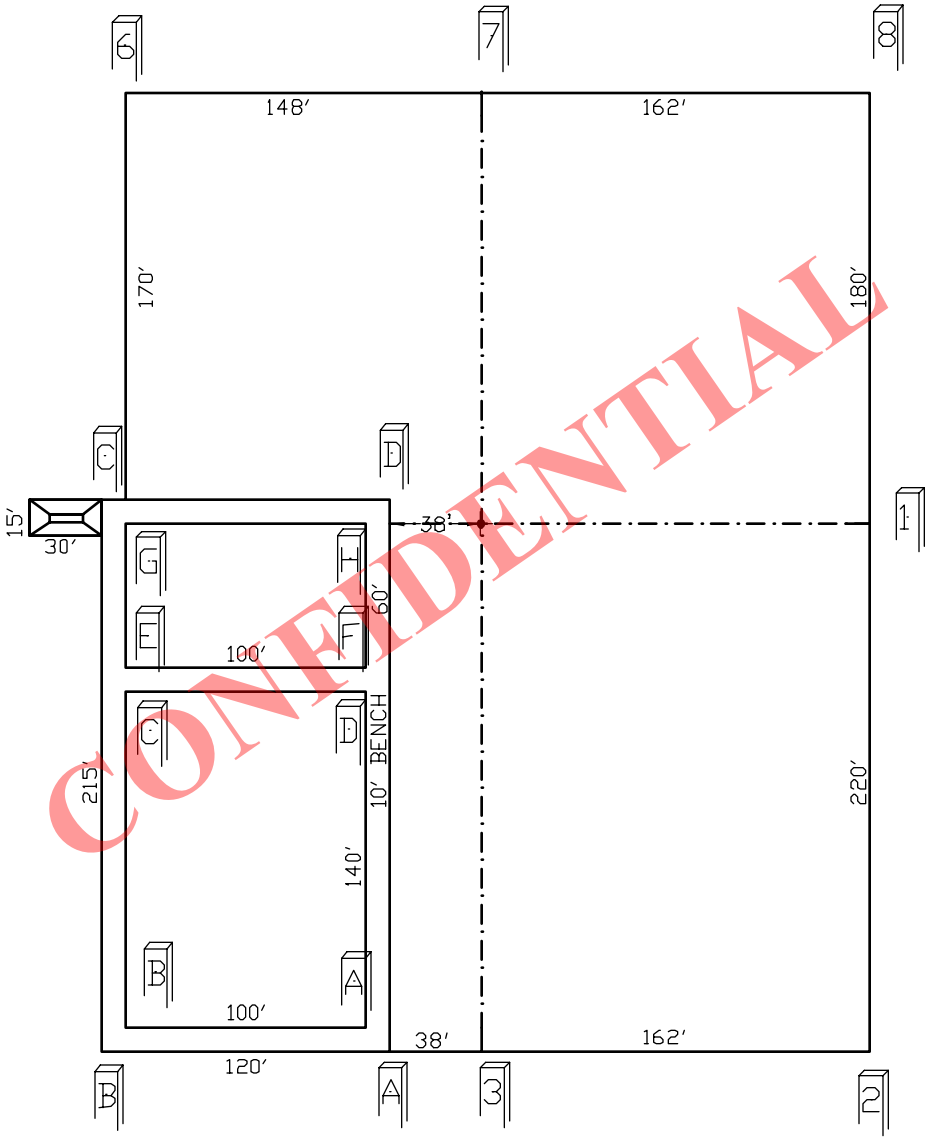

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DRG RIFFIN & ASSOCIATES, INC.
(307) 362-5028
1414 ELK ST., ROCK SPRINGS, WY 82901

PAD LAYOUT
UTE ENERGY
KENDALL 2-9-3-1E
SECTION 9, T3S, R1E

DRAWN: 6/11/12 - JMB	SCALE: 1" = 80'
REVISED: NA	DRG JOB No. 19263
	FIGURE #1A

UNGRADED ELEVATION: 4945.4'
FINISHED ELEVATION: 4943.7'

RECEIVED: September 13, 2012

API Well Number: 43047531140000

APPROXIMATE DISTURBANCE AREA: 4.7 ACRES±
1.3% GRADE OF A EASTERLY SLOPE
UNGRADED ELEVATION: 4945.4'
FINISHED ELEVATION: 4943.7'

APPROX. DISTURBANCE BOUNDARY

STA 4+00
STA 2+20
STA 1+00
STA 0+00

TOPSOIL PILE
EXCESS MATERIAL
FLARE PIT
RESERVE PIT
100' X 60' X 12'
9,336 Bbls
7,224 Bbls
WITH 2' FREEBOARD
COMPLETIONS PIT
140' X 100' X 12'
24,383 Bbls
19,478 Bbls
WITH 2' FREEBOARD
BENCH 10'
CUT
FILL
GRADE
N 23°02'18" E
709.08' TO BHL
N 43°11'58" W 180'
DIRT ROAD
PROPOSED ACCESS
PROPOSED PIPELINE

148' 162' 170' 40' 60' 100' 215' 140' 100' 158' 162' 220'

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BEFORE DIGGING
CALL FOR
UTILITY LINE LOCATION

NOTE: THE EARTH QUANTITIES ON THIS DRAWING ARE ESTIMATED AND THE USE OF THIS IS AT THE RESPONSIBILITY OF THE USER.

80 0 80
SCALE FEET

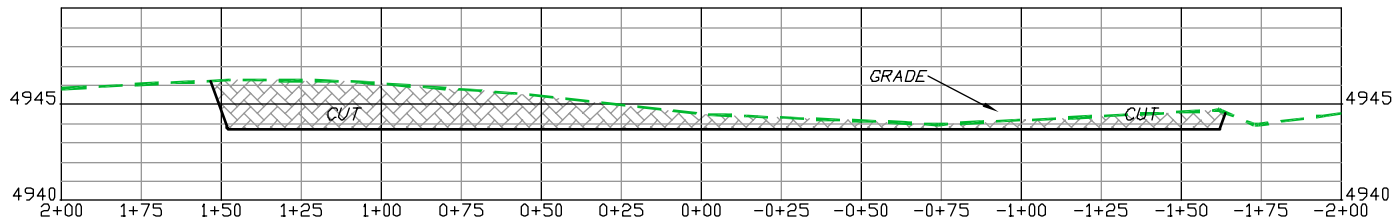
DRIFFIN & ASSOCIATES, INC.
(307) 362-5028
1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 6/11/12 - JMB	SCALE: 1" = 80'
REVISED: NA	DRG JOB No. 19263
	FIGURE #1

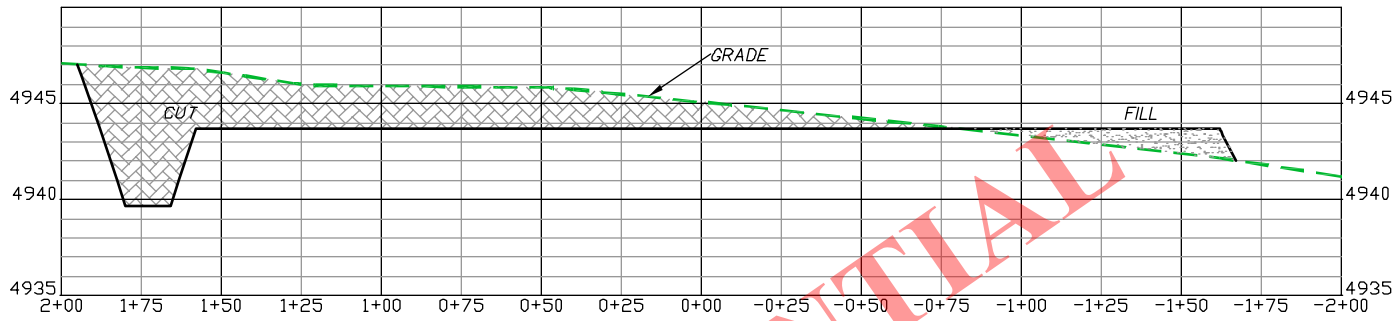
UTE ENERGY
KENDALL 2-9-3-1E
SECTION 9, T3S, R1E

UNGRADED ELEVATION: 4945.4'
FINISHED ELEVATION: 4943.7'

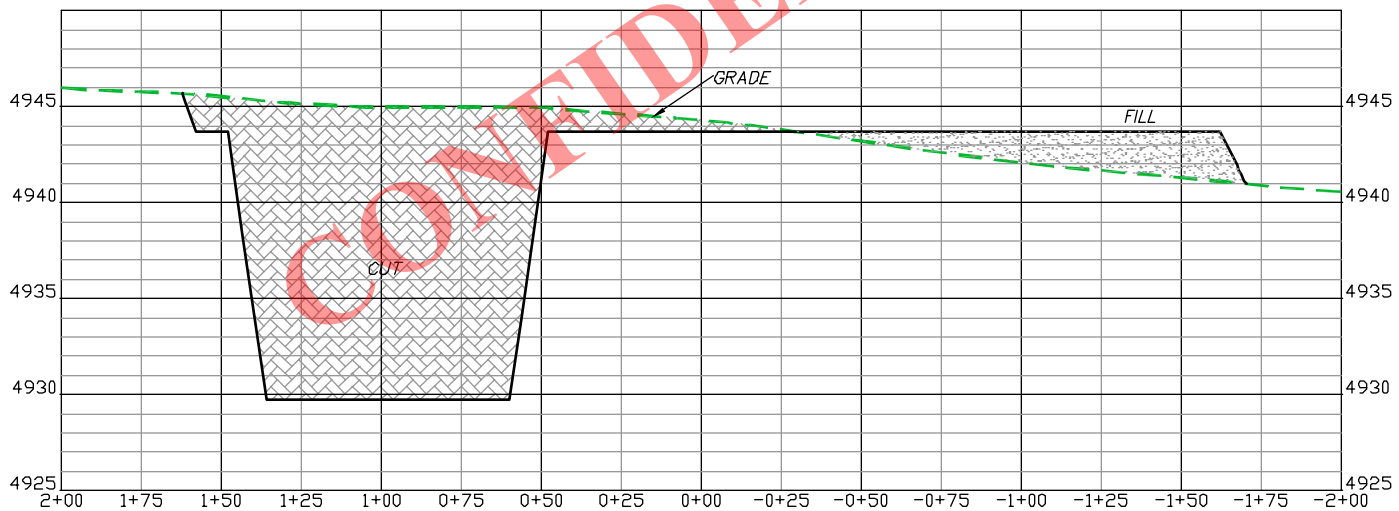
RECEIVED: September 13, 2012



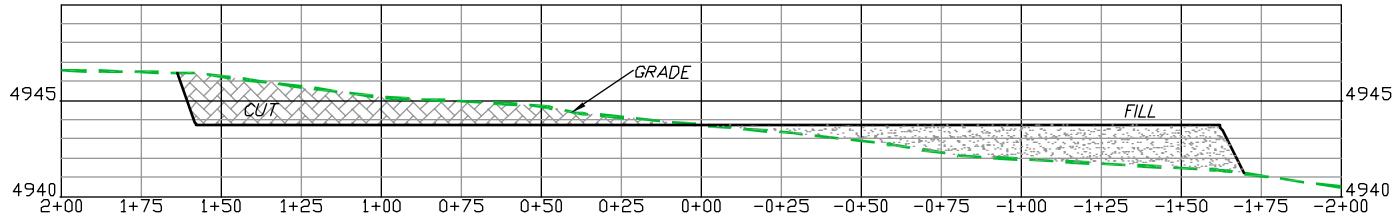
STA 4+00



STA 2+20



STA 1+00



STA 0+00

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DRG RIFFIN & ASSOCIATES, INC.
(307) 362-5028
1414 ELK ST., ROCK SPRINGS, WY 82901

UTE ENERGY
KENDALL 2-9-3-1E
SECTION 9, T3S, R1E

DRAWN: 6/11/12 - JMB	HORZ. 1" = 60' VERT. 1" = 10'
REVISED: NA	DRG JOB No. 19263
	FIGURE #2

UNGRADED ELEVATION: 4945.4'
FINISHED ELEVATION: 4943.7'

RECEIVED: September 13, 2012

API Well Number: 43047531140000

APPROXIMATE DISTURBANCE AREA: 4.7 ACRES±
1.3% GRADE OF A EASTERLY SLOPE
UNGRADED ELEVATION: 4945.4'
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APPROX. DISTURBANCE BOUNDARY

STA 4+00
STA 2+20
STA 1+00
STA 0+00

FLARE PIT
TOPSOIL PILE
EXCESS MATERIAL
RESERVE PIT
100' X 60' X 12'
9,336 Bbls
7,224 Bbls
WITH 2' FREEBOARD
COMPLETIONS PIT
140' X 100' X 12'
24,383 Bbls
19,478 Bbls
WITH 2' FREEBOARD
BENCH 10'
PIPE TUB
PIPE TUB
PIPE TUB
CATWALK
PIPE RACKS
PIPE RACKS
MUD TANKS
RIG BASE
DOG HOUSE
WATER TANKS
PARTS HOUSE
YELLOW DOG
MUD PUMP
MUD PUMP
TRASH
LIGHT PLANT
TRAILER
TOILET
FUEL
STORAGE TANK
CUT
FILL
GRADE
N 23°02'18" E
709.08' TO BHL
N 43°11'58" W 180'
DIRT ROAD
PROPOSED ACCESS
PROPOSED PIPELINE

CONFIDENTIAL

BEFORE DIGGING
CALL FOR
UTILITY LINE LOCATION

NOTE: THE EARTH QUANTITIES ON THIS DRAWING ARE ESTIMATED AND THE USE OF THIS IS AT THE RESPONSIBILITY OF THE USER.

80 0 80
SCALE FEET

DRIFFIN & ASSOCIATES, INC.
1414 ELK ST., ROCK SPRINGS, WY 82901
(307) 362-5028

UTE ENERGY
KENDALL 2-9-3-1E
SECTION 9, T3S, R1E

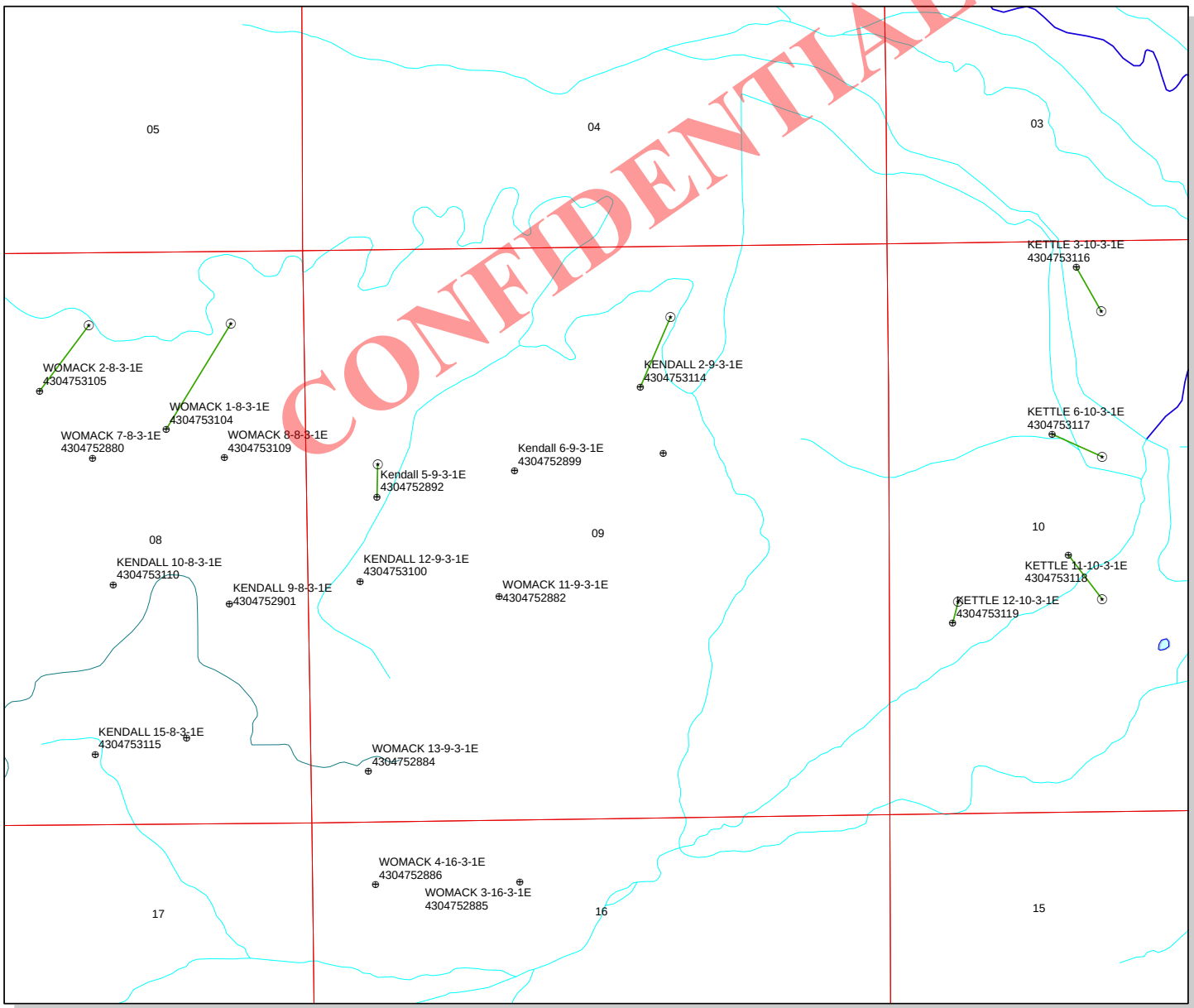
ESTIMATED EARTHWORK

ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	4611 CY	1847 CY	2347 CY	417 CY
PIT	7011 CY			7011 CY
TOTALS	11622 CY	1847 CY	2347 CY	7428 CY

DRAWN: 6/11/12 - JMB	SCALE: 1" = 80'
REVISED: NA	DRG JOB No. 19263
	FIGURE #3

RECEIVED: September 13, 2012

API Well Number: 43047531140000



API Number: 4304753114

Well Name: KENDALL 2-9-3-1E

Township T03.0S Range R01.0E Section 09

Meridian: UBM

Operator: UTE ENERGY UPSTREAM HOLDINGS LLC

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

Wells Query
Status
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well
- Bottom Hole Location - OilGasDb

1,200 600 0 1,200 Feet

1:11,404

RECEIVED: September 14, 2012

API Well Number: 43047531140000

BOPE REVIEW UTE ENERGY UPSTREAM HOLDINGS LLC KENDALL 2-9-3-1E 43047531140000

Well Name	UTE ENERGY UPSTREAM HOLDINGS LLC KENDALL 2-9-3-1E 430475			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	1000	10212		
Previous Shoe Setting Depth (TVD)	0	1000		
Max Mud Weight (ppg)	8.4	9.5		
BOPE Proposed (psi)	5	3000		
Casing Internal Yield (psi)	2950	7740		
Operators Max Anticipated Pressure (psi)	5324	10.0		

Calculations	**Surf String**	**8.625**	"
Max BHP (psi)	.052*Setting Depth*MW=	437	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	317	NO air/mist system
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	217	NO OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	217	NO
Required Casing/BOPE Test Pressure=		1000	psi
***Max Pressure Allowed @ Previous Casing Shoe=**		0	psi *Assumes 1psi/ft frac gradient

Calculations	**Prod String**	**5.500**	"
Max BHP (psi)	.052*Setting Depth*MW=	5045	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3820	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2798	YES OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3018	NO Reasonable
Required Casing/BOPE Test Pressure=		3000	psi
***Max Pressure Allowed @ Previous Casing Shoe=**		1000	psi *Assumes 1psi/ft frac gradient

Calculations	**String**		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
***Max Pressure Allowed @ Previous Casing Shoe=**			psi *Assumes 1psi/ft frac gradient

Calculations	**String**		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
***Max Pressure Allowed @ Previous Casing Shoe=**			psi *Assumes 1psi/ft frac gradient

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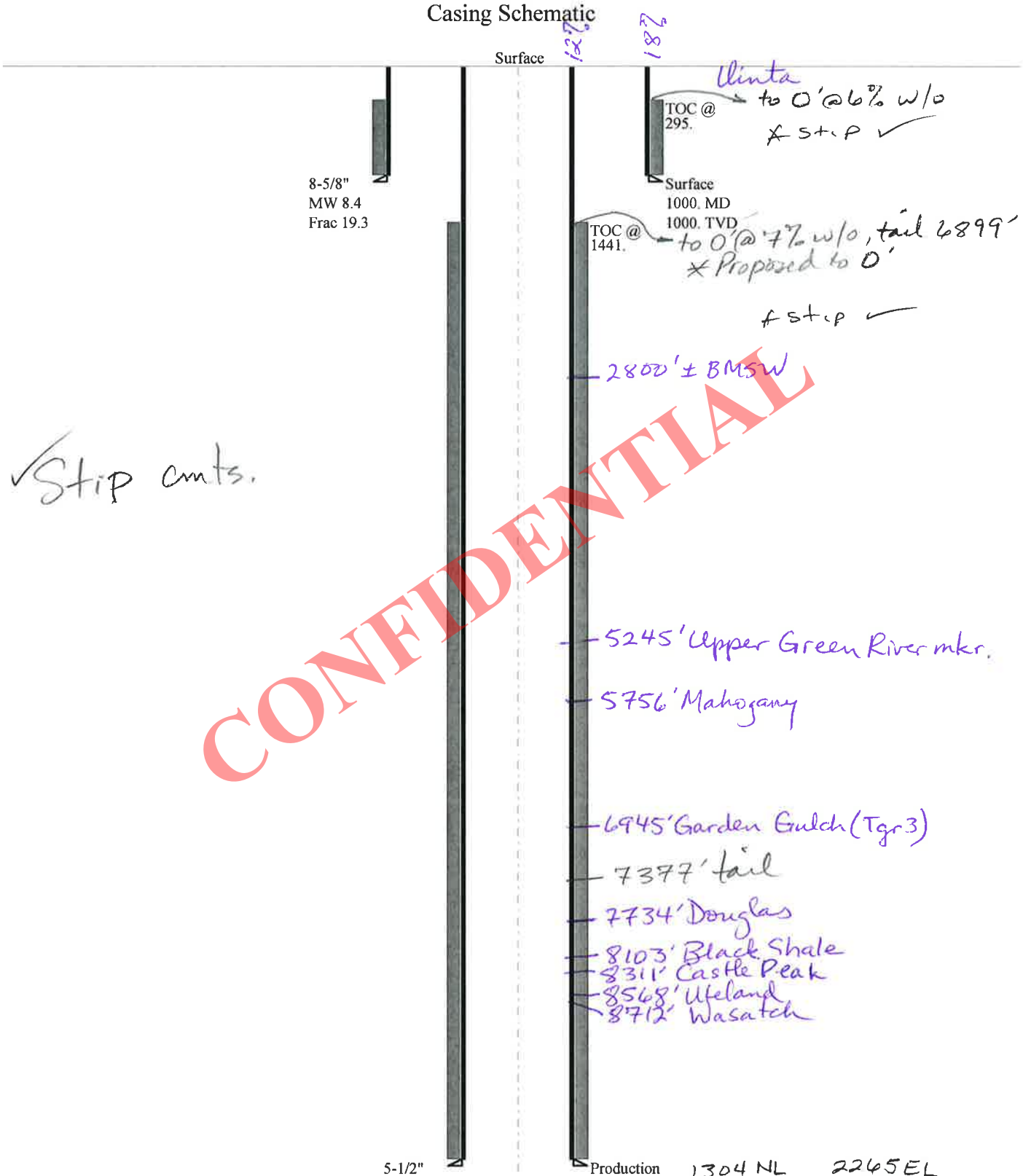
RECEIVED: November 08, 2012

API Well Number: 43047531140000

43047531140000 Kendall 2-9-3-1E

Casing Schematic



1304 NL
644
660 FNL ✓

2265 EL
285
1980 FEL ✓

OK.

NW NE Sec 9-3S-1E

CONFIDENTIAL

API Well Number: 43047531140000

Well name:	**43047531140000 Kendall 2-9-3-1E**
Operator:	**UTE ENERGY UPSTREAM HOLDINGS LLC**
String type:	Surface
Project ID:	43-047-53114
Location:	UINTAH COUNTY

Design parameters:

Collapse

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 880 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 1,000 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.70 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 874 ft

Environment:

H2S considered? No

Surface temperature: 74 °F

Bottom hole temperature: 88 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 100 ft

Cement top: 295 ft

Directional well information:

Kick-off point 2000 ft

Departure at shoe: 9 ft

Maximum dogleg: .1 °/100ft

Inclination at shoe: 1 °

Re subsequent strings:

Next setting depth: 10,212 ft

Next mud weight: 9.500 ppg

Next setting BHP: 5,040 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 1,000 ft

Injection pressure: 1,000 psi

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Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	1000	8.625	24.00	J-55	ST&C	1000	1000	7.972	5147

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	436	1369	3.138	1000	2950	2.95	21	244	11.64 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940

Date: November 6,2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43047531140000

Well name:	**43047531140000 Kendall 2-9-3-1E**
Operator:	**UTE ENERGY UPSTREAM HOLDINGS LLC**
String type:	Production
Project ID:	43-047-53114
Location:	UINTAH COUNTY

Design parameters:

Collapse

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,793 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,039 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 8,764 ft

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 217 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 1,441 ft

Directional well information:

Kick-off point 2000 ft
Departure at shoe: 711 ft
Maximum dogleg: .33 °/100ft
Inclination at shoe: 4.9 °

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Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	10240	5.5	17.00	E-80	LT&C	10211	10240	4.767	337920

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5039	6290	1.248	5039	7740	1.54	173.6	320	1.84 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: November 6,2012
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 10211 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator UTE ENERGY UPSTREAM HOLDINGS LLC
Well Name KENDALL 2-9-3-1E
API Number 43047531140000 **APD No** 6811 **Field/Unit** WILDCAT
Location: 1/4,1/4 NWNE **Sec** 9 **Tw** 3.0S **Rng** 1.0E 1304 FNL 2265 FEL
GPS Coord (UTM) 594726 4455029 **Surface Owner** MIKE KENDALL

Participants

Ted Smith-DOGM, Mike Maser and Justin Jeppson-Ute Energy, Don Hamilton Star Point Enterprises, Mark Hecksel-D.R.Griffin and Associates, Mike Kendall

Regional/Local Setting & Topography

The general area is on Windy Ridge, which is located about 4.5 miles southwest of Ft. Duchesne, Uintah County, Utah. Rolling hills with low growing desert shrub type vegetation characterize Windy Ridge. A few rolling hills and slopes leading to the Duchesne River. No springs, seeps or flowing streams are known to occur in the area. The Duchesne River is approximately 2 miles to the south. All lands in the immediate are privately owned. Ute Tribal lands lie to the north, east, south, and west.

Access to the proposed well site is either by State Of Utah or Uintah County roads and existing or proposed oilfield development roads. Distance from Roosevelt, Utah is approximately 5 miles. Approximately 0.06 miles of low standard new road will be constructed to reach the location.

The proposed Kendall 2-9-3-1E oil well surface and minerals are privately owned. Mike Kendall owns the surface. Mr. Kendall did attend the presite and relayed no concerns. A surface use agreement has been completed. The location appears to be a good site for constructing a pad, drilling and operating a well.

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Surface Use Plan

Current Surface Use
Grazing
Wildlfe Habitat

New Road Miles	Well Pad		Src Const Material	Surface Formation
0.06	**Width** 300	**Length** 400	Onsite	ALLU

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

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Vegetation is a fair desert shrub-forb type. Main plants are horse-brush, Gardner salt-brush, broom snakeweed, bud sagebrush, black sagebrush, cheatgrass, curly mesquite grass, prickly pear, globe mallow, squirrel tail and annual forbs.

Because of the lack of water and cover the area is not rich in fauna. Antelope, coyotes, prairie dogs and small mammals and rodents occur. Some shrub dependent birds may occur but were not observed. Historically but not currently sheep grazed the area. Cattle currently graze the area.

Soil Type and Characteristics

Soils are a deep sandy loam with little rock.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N

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Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Unknown	10
	Final Score	30 3 Sensitivity Level

Characteristics / Requirements

One 140’ x 100’ x 12’ and one 100' x 60' x12' deep reserve pits is planned in a cut on the south corner of the location. A liner with a minimum thickness of 16-mils is required. A sub-liner may not be needed because of the lack of rock in the area. But operator says will install underlayment. Flare pit 15' x 40' x 5'

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** N

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Other Observations / Comments

Mike Kendall owns the surface. Mr. Kendall was contacted by telephone and invited to attend the pre-site visit and did attend the presite. Mr Kendall relayed no concerns. A surface use agreement has been completed.

Ted Smith	10/3/2012
Evaluator	**Date / Time**

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Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
6811	43047531140000	LOCKED	OW	P	No

Operator	UTE ENERGY UPSTREAM HOLDINGS LLC	**Surface Owner-APD**	MIKE KENDALL
Well Name	KENDALL 2-9-3-1E	**Unit**	
Field	WILDCAT	**Type of Work**	DRILL
Location	NWNE 9 3S 1E U 1304 FNL 2265 FEL GPS Coord (UTM) 594733E 4455026N		

Geologic Statement of Basis

Ute Energy proposes to set 1,000' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 2,800'. A search of Division of Water Rights records shows 4 water wells within a 10,000 foot radius of the center of Section 9. Depth is listed for only 2 wells at 15 and 52 feet. Listed uses are domestic, irrigation and stock watering. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Cement for the production string should be brought up above the base of the moderately saline groundwater in order to isolate fresher waters uphole.

Brad Hill — 10/15/2012
APD Evaluator — **Date / Time**

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Surface Statement of Basis

The general area is on Windy Ridge, which is located about 4 miles southeast of Ft. Duchesne, Uintah County, Utah. Rolling with low growing desert shrub type vegetation characterize Windy Ridge. A few rolling hills and slopes leading to the Duchesne . No springs, seeps or flowing streams are known to occur in the area. The Duchesne River is approximately 2 miles to the south. All lands in the immediate area are privately owned. Ute Tribal lands lie to the north, south, east, and west.

Access to the proposed well site is either by State Of Utah or Uintah County roads and existing or proposed oilfield development roads. Distance from Roosevelt, Utah is approximately 5 miles. Approximately 0.06 miles of low standard new road will be constructed to reach the location. A diversion ditch will be constructed along the south side of the location pushing the runoff from east to west.

The proposed Kendall 2-9-3-1E oil well surface and minerals are privately owned. Mike Kendall owns the surface. Mr. Kendall was contacted by telephone and invited to attend the pre-site visit. Mike relayed no concerns. A surface use agreement has been completed. The location appears to be a good site for constructing a pad, drilling and operating a well.

Ted Smith — 10/3/2012
Onsite Evaluator — **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition

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Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Pits	The reserve pit should be located on the south side of the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

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RECEIVED: November 08, 2012

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 9/13/2012
API NO. ASSIGNED: 43047531140000
WELL NAME: KENDALL 2-9-3-1E
OPERATOR: UTE ENERGY UPSTREAM HOLDINGS LLC (N3730)
PHONE NUMBER: 720 420-3229
CONTACT: Jenn Mendoza

PROPOSED LOCATION: NWNE 09 030S 010E
Permit Tech Review: ✔

SURFACE: 1304 FNL 2265 FEL
Engineering Review: ✔

BOTTOM: 0660 FNL 1980 FEL
Geology Review: ✔

COUNTY: UINTAH
LATITUDE: 40.24032
LONGITUDE: -109.88629
UTM SURF EASTINGS: 594733.00
NORTHINGS: 4455026.00
FIELD NAME: WILDCAT
LEASE TYPE: 4 - Fee
LEASE NUMBER: FEE
PROPOSED PRODUCING FORMATION(S): WASATCH
SURFACE OWNER: 4 - Fee
COALBED METHANE: NO

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RECEIVED AND/OR REVIEWED:

- ✔ **PLAT**
- ✔ **Bond:** STATE/FEE - LPM9032132
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ✔ **Water Permit:** 437478
- ✔ **RDCC Review:** 2012-11-08 00:00:00.0
- ✔ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ✔ **R649-3-3. Exception**
- ✔ **Drilling Unit**

Board Cause No: R649-3-11
Effective Date:
Siting:

- ✔ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
1 - Exception Location - bhill
5 - Statement of Basis - bhill
12 - Cement Volume (3) - hmacdonald
15 - Directional - dmason
21 - RDCC - dmason
23 - Spacing - dmason
25 - Surface Casing - hmacdonald

RECEIVED: November 08, 2012

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: KENDALL 2-9-3-1E
API Well Number: 43047531140000
Lease Number: FEE
Surface Owner: FEE (PRIVATE)
Approval Date: 11/8/2012

Issued to:
UTE ENERGY UPSTREAM HOLDINGS LLC, 1875 Lawrence St Ste 200, Denver, CO 80202

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-11. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:
Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

This proposed well is located in an area for which drilling units (well spacing

patterns) have not been established through an order of the Board of Oil, Gas and Mining (the “Board”). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 5 1/2 production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to surface as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
  at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **11/30/2012**

FROM: (Old Operator):	**TO:** (New Operator):
N3730- Ute Energy Upstream Holdings, LLC	N3935- Crescent Point Energy U.S. Corp
1875 Lawrence Street, Suite 200	555 17th Street, Suite 750
Denver, CO 80212	Denver, CO 80202
Phone: 1 (720) 420-3238	Phone: 1 (720) 880-3610

CA No. **Unit:** N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 2/1/2013
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/1/2013
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 2/11/2013

4a. Is the new operator registered in the State of Utah: _____ Business Number: 7838513-0143

5a. (R649-9-2)Waste Management Plan has been received on: Yes

5b. Inspections of LA PA state/fee well sites complete on: Not Yet

5c. Reports current for Production/Disposition & Sundries on: 2/11/2013

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA Not Yet
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 2/25/2013
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 2/25/2013
3. Bond information entered in RBDMS on: 1/15/2013
4. Fee/State wells attached to bond in RBDMS on: 2/26/2013
5. Injection Projects to new operator in RBDMS on: N/A
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 2/1/2013

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: LPM9080275
2. Indian well(s) covered by Bond Number: LPM9080275

3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number LPM 9080271

3b. The **FORMER** operator has requested a release of liability from their bond on: Not Yet

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 2/26/2013

COMMENTS:

Ute Energy Upstream Holding, LLC (N3730) to Crescent Point Energy U.S. Corp (N3935)
Effective 11/30/2012

Well Name	SECTION	TWN	RNG	API Number	Entity	Lesase Type	Well Type	Well Status
ULT 13-25-3-1E	25	030S	010E	4304751890		Fee	OW	APD
DEEP CREEK 15-25-3-1E	25	030S	010E	4304751892		Fee	OW	APD
ULT 2-35-3-1E	35	030S	010E	4304751893		Fee	OW	APD
ULT 3-35-3-1E	35	030S	010E	4304751894		Fee	OW	APD
MARSH 11-35-3-1E	35	030S	010E	4304751896		Fee	OW	APD
ULT 4-35-3-1E	35	030S	010E	4304751899		Fee	OW	APD
ULT 9-6-4-2E	06	040S	020E	4304751916		Fee	OW	APD
DEEP CREEK 14-23-3-1E	23	030S	010E	4304751919		Fee	OW	APD
DEEP CREEK 14-24-3-1E	24	030S	010E	4304751921		Fee	OW	APD
DEEP CREEK 15-24-3-1E	24	030S	010E	4304751922		Fee	OW	APD
DEEP CREEK 16-24-3-1E	24	030S	010E	4304751923		Fee	OW	APD
DEEP CREEK 6-25-3-1E	25	030S	010E	4304751926		Fee	OW	APD
MARSH 12-35-3-1E	35	030S	010E	4304751927		Fee	OW	APD
ULT 15-6-4-2E	06	040S	020E	4304751928		Fee	OW	APD
DEEP CREEK 9-25-3-1E	25	030S	010E	4304751929		Fee	OW	APD
DEEP CREEK 8-25-3-1E	25	030S	010E	4304751930		Fee	OW	APD
ULT 8-36-3-1E	36	030S	010E	4304751931		Fee	OW	APD
ULT 11-6-4-2E	06	040S	020E	4304751932		Fee	OW	APD
ULT 11-36-3-1E	36	030S	010E	4304751933		Fee	OW	APD
ULT 13-6-4-2E	06	040S	020E	4304751934		Fee	OW	APD
ULT 1-35-3-1E	35	030S	010E	4304751935		Fee	OW	APD
DEEP CREEK 1-25-3-1E	25	030S	010E	4304752032		Fee	OW	APD
DEEP CREEK 3-25-3-1E	25	030S	010E	4304752033		Fee	OW	APD
DEEP CREEK 10-25-3-1E	25	030S	010E	4304752034		Fee	OW	APD
SENATORE 12-25-3-1E	25	030S	010E	4304752039		Fee	OW	APD
ULT 3-36-3-1E	36	030S	010E	4304752042		Fee	OW	APD
ULT 10-36-3-1E	36	030S	010E	4304752043		Fee	OW	APD
ULT 12-36-3-1E	36	030S	010E	4304752044		Fee	OW	APD
ULT 8-35-3-1E	35	030S	010E	4304752045		Fee	OW	APD
ULT 6-35-3-1E	35	030S	010E	4304752048		Fee	OW	APD
ULT 12-34-3-1E	34	030S	010E	4304752123		Fee	OW	APD
ULT 10-34-3-1E	34	030S	010E	4304752125		Fee	OW	APD
UTE TRIBAL 15-32-3-2E	32	030S	020E	4304752195		Indian	OW	APD
UTE TRIBAL 16-5-4-2E	05	040S	020E	4304752196		Indian	OW	APD
UTE TRIBAL 11-4-4-2E	04	040S	020E	4304752197		Indian	OW	APD
UTE TRIBAL 13-4-4-2E	04	040S	020E	4304752198		Indian	OW	APD
UTE TRIBAL 14-4-4-2E	04	040S	020E	4304752199		Indian	OW	APD
UTE TRIBAL 4-9-4-2E	09	040S	020E	4304752200		Indian	OW	APD
UTE TRIBAL 14-10-4-2E	10	040S	020E	4304752201		Indian	OW	APD
UTE TRIBAL 2-15-4-2E	15	040S	020E	4304752202		Indian	OW	APD
UTE TRIBAL 7-15-4-2E	15	040S	020E	4304752203		Indian	OW	APD
UTE TRIBAL 8-15-4-2E	15	040S	020E	4304752204		Indian	OW	APD
UTE TRIBAL 9-16-4-2E	16	040S	020E	4304752205		Indian	OW	APD
UTE TRIBAL 11-16-4-2E	16	040S	020E	4304752206		Indian	OW	APD
UTE TRIBAL 13-16-4-2E	16	040S	020E	4304752207		Indian	OW	APD
UTE TRIBAL 15-16-4-2E	16	040S	020E	4304752208		Indian	OW	APD
COLEMAN TRIBAL 10-18-4-2E	18	040S	020E	4304752210		Indian	OW	APD
DEEP CREEK TRIBAL 5-17-4-2E	17	040S	020E	4304752211		Indian	OW	APD
COLEMAN TRIBAL 9-17-4-2E	17	040S	020E	4304752212		Indian	OW	APD
COLEMAN TRIBAL 10-17-4-2E	17	040S	020E	4304752213		Indian	OW	APD
COLEMAN TRIBAL 11-17-4-2E	17	040S	020E	4304752214		Indian	OW	APD
COLEMAN TRIBAL 14-17-4-2E	17	040S	020E	4304752215		Indian	OW	APD
COLEMAN TRIBAL 15X-18D-4-2E	18	040S	020E	4304752216		Indian	OW	APD
COLEMAN TRIBAL 16-17-4-2E	17	040S	020E	4304752217		Indian	OW	APD
COLEMAN TRIBAL 16-18-4-2E	18	040S	020E	4304752218		Indian	OW	APD
COLEMAN TRIBAL 13-17-4-2E	17	040S	020E	4304752219		Indian	OW	APD
DEEP CREEK TRIBAL 4-25-3-1E	25	030S	010E	4304752222		Indian	OW	APD
DEEP CREEK TRIBAL 3-5-4-2E	05	040S	020E	4304752223		Indian	OW	APD
DEEP CREEK TRIBAL 5-5-4-2E	05	040S	020E	4304752224		Indian	OW	APD
DEEP CREEK TRIBAL 4-5-4-2E	05	040S	020E	4304752225		Indian	OW	APD
DEEP CREEK TRIBAL 6-5-4-2E	05	040S	020E	4304752226		Indian	OW	APD
DEEP CREEK 9-9-4-2E	09	040S	020E	4304752409		Fee	OW	APD
DEEP CREEK 13-9-4-2E	09	040S	020E	4304752410		Fee	OW	APD
DEEP CREEK 15-9-4-2E	09	040S	020E	4304752411		Fee	OW	APD

Well Name	SECTION	TWN	RNG	API Number	Entity	Lesase Type	Well Type	Well Status
DEEP CREEK 1-16-4-2E	16	040S	020E	4304752412		Fee	OW	APD
DEEP CREEK 3-16-4-2E	16	040S	020E	4304752413		Fee	OW	APD
DEEP CREEK 7-9-4-2E	09	040S	020E	4304752414		Fee	OW	APD
DEEP CREEK 11-9-4-2E	09	040S	020E	4304752415		Fee	OW	APD
DEEP CREEK 5-16-4-2E	16	040S	020E	4304752416		Fee	OW	APD
ULT 14-5-4-2E	05	040S	020E	4304752417		Fee	OW	APD
DEEP CREEK 7-16-4-2E	16	040S	020E	4304752418		Fee	OW	APD
DEEP CREEK 11-15-4-2E	15	040S	020E	4304752422		Fee	OW	APD
ULT 13-5-4-2E	05	040S	020E	4304752423		Fee	OW	APD
DEEP CREEK 13-15-4-2E	15	040S	020E	4304752424		Fee	OW	APD
DEEP CREEK 15-15-4-2E	15	040S	020E	4304752425		Fee	OW	APD
DEEP CREEK 16-15-4-2E	15	040S	020E	4304752426		Fee	OW	APD
BOWERS 5-6-4-2E	06	040S	020E	4304752427		Fee	OW	APD
BOWERS 6-6-4-2E	06	040S	020E	4304752428		Fee	OW	APD
BOWERS 7-6-4-2E	06	040S	020E	4304752430		Fee	OW	APD
BOWERS 8-6-4-2E	06	040S	020E	4304752431		Fee	OW	APD
DEEP CREEK 8-9-4-2E	09	040S	020E	4304752438		Fee	OW	APD
DEEP CREEK 10-9-4-2E	09	040S	020E	4304752439		Fee	OW	APD
DEEP CREEK 12-9-4-2E	09	040S	020E	4304752440		Fee	OW	APD
DEEP CREEK 14-9-4-2E	09	040S	020E	4304752445		Fee	OW	APD
DEEP CREEK 2-16-4-2E	16	040S	020E	4304752446		Fee	OW	APD
DEEP CREEK 16-9-4-2E	09	040S	020E	4304752447		Fee	OW	APD
DEEP CREEK 4-16-4-2E	16	040S	020E	4304752448		Fee	OW	APD
DEEP CREEK 6-16-4-2E	16	040S	020E	4304752449		Fee	OW	APD
DEEP CREEK 8-16-4-2E	16	040S	020E	4304752450		Fee	OW	APD
DEEP CREEK 12-15-4-2E	15	040S	020E	4304752451		Fee	OW	APD
DEEP CREEK 14-15-4-2E	15	040S	020E	4304752452		Fee	OW	APD
DEEP CREEK 12-32-3-2E	32	030S	020E	4304752453		Fee	OW	APD
DEEP CREEK 14-32-3-2E	32	030S	020E	4304752455		Fee	OW	APD
ULT 9-34-3-1E	34	030S	010E	4304752462		Fee	OW	APD
ULT 11-34-3-1E	34	030S	010E	4304752463		Fee	OW	APD
ULT 13-34-3-1E	34	030S	010E	4304752464		Fee	OW	APD
ULT 14-34-3-1E	34	030S	010E	4304752465		Fee	OW	APD
ULT 15-34-3-1E	34	030S	010E	4304752466		Fee	OW	APD
COLEMAN TRIBAL 2-7-4-2E	07	040S	020E	4304752472		Indian	OW	APD
COLEMAN TRIBAL 4-7-4-2E	07	040S	020E	4304752473		Indian	OW	APD
COLEMAN TRIBAL 6-7-4-2E	07	040S	020E	4304752474		Indian	OW	APD
COLEMAN TRIBAL 8-7-4-2E	07	040S	020E	4304752475		Indian	OW	APD
DEEP CREEK TRIBAL 10-7-4-2E	07	040S	020E	4304752476		Indian	OW	APD
DEEP CREEK TRIBAL 12-7-4-2E	07	040S	020E	4304752477		Indian	OW	APD
DEEP CREEK TRIBAL 14-7-4-2E	07	040S	020E	4304752478		Indian	OW	APD
DEEP CREEK TRIBAL 16-7-4-2E	07	040S	020E	4304752479		Indian	OW	APD
COLEMAN TRIBAL 2-8-4-2E	08	040S	020E	4304752480		Indian	OW	APD
COLEMAN TRIBAL 4-8-4-2E	08	040S	020E	4304752481		Indian	OW	APD
DEEP CREEK TRIBAL 14-8-4-2E	08	040S	020E	4304752482		Indian	OW	APD
DEEP CREEK TRIBAL 12-8-4-2E	08	040S	020E	4304752483		Indian	OW	APD
COLEMAN TRIBAL 6-8-4-2E	08	040S	020E	4304752484		Indian	OW	APD
COLEMAN TRIBAL 8-8-4-2E	08	040S	020E	4304752485		Indian	OW	APD
DEEP CREEK TRIBAL 16-8-4-2E	08	040S	020E	4304752486		Indian	OW	APD
DEEP CREEK TRIBAL 10-8-4-2E	08	040S	020E	4304752487		Indian	OW	APD
GUSHER FED 14-3-6-20E	03	060S	200E	4304752497		Federal	OW	APD
HORSESHOE BEND FED 14-28-6-21E	28	060S	210E	4304752498		Federal	OW	APD
GUSHER FED 9-3-6-20E	03	060S	200E	4304752499		Federal	OW	APD
GUSHER FED 6-25-6-20E	25	060S	200E	4304752500		Federal	OW	APD
GUSHER FED 8-25-6-20E	25	060S	200E	4304752501		Federal	OW	APD
HORSESHOE BEND FED 11-29-6-21E	29	060S	210E	4304752502		Federal	OW	APD
GUSHER FED 1-11-6-20E	11	060S	200E	4304752503		Federal	OW	APD
GUSHER FED 11-22-6-20E	22	060S	200E	4304752504		Federal	OW	APD
GUSHER FED 3-21-6-20E	21	060S	200E	4304752505		Federal	OW	APD
GUSHER FED 16-26-6-20E	26	060S	200E	4304752506		Federal	OW	APD
GUSHER FED 12-15-6-20E	15	060S	200E	4304752507		Federal	OW	APD
GUSHER FED 11-1-6-20E	01	060S	200E	4304752508		Federal	OW	APD
GUSHER FED 1-27-6-20E	27	060S	200E	4304752509		Federal	OW	APD
GUSHER FED 9-27-6-20E	27	060S	200E	4304752510		Federal	OW	APD

Well Name	SECTION	TWN	RNG	API Number	Entity	Lesase Type	Well Type	Well Status
GUSHER FED 1-28-6-20E	28	060S	200E	4304752511		Federal	OW	APD
WOMACK 7-8-3-1E	08	030S	010E	4304752880		Fee	OW	APD
Kendall 13-17-3-1E	17	030S	010E	4304752881		Fee	OW	APD
WOMACK 11-9-3-1E	09	030S	010E	4304752882		Fee	OW	APD
Kendall 11-17-3-1E	17	030S	010E	4304752883		Fee	OW	APD
WOMACK 13-9-3-1E	09	030S	010E	4304752884		Fee	OW	APD
WOMACK 3-16-3-1E	16	030S	010E	4304752885		Fee	OW	APD
WOMACK 4-16-3-1E	16	030S	010E	4304752886		Fee	OW	APD
WOMACK 5-8-3-1E	08	030S	010E	4304752887		Fee	OW	APD
Womack 4-7-3-1E	07	030S	010E	4304752888		Fee	OW	APD
WOMACK 5-16-3-1E	16	030S	010E	4304752889		Fee	OW	APD
WOMACK 6-16-3-1E	16	030S	010E	4304752890		Fee	OW	APD
Kendall 5-17-3-1E	17	030S	010E	4304752891		Fee	OW	APD
Kendall 5-9-3-1E	09	030S	010E	4304752892		Fee	OW	APD
KENDALL 12-7-3-1E	07	030S	010E	4304752893		Fee	OW	APD
Kendall 11-8-3-1E	08	030S	010E	4304752894		Fee	OW	APD
Kendall 4-17-3-1E	17	030S	010E	4304752895		Fee	OW	APD
Kendall 7-9-3-1E	09	030S	010E	4304752896		Fee	OW	APD
Kendall 13-8-3-1E	08	030S	010E	4304752897		Fee	OW	APD
Kendall 16-8-3-1E	08	030S	010E	4304752898		Fee	OW	APD
Kendall 6-9-3-1E	09	030S	010E	4304752899		Fee	OW	APD
KENDALL 15-7-3-1E	07	030S	010E	4304752900		Fee	OW	APD
KENDALL 9-8-3-1E	08	030S	010E	4304752901		Fee	OW	APD
KENDALL 13-7-3-1E	07	030S	010E	4304752911		Fee	OW	APD
ULT 3-31-3-2E	31	030S	020E	4304752954		Fee	OW	APD
ULT 6-29-3-2E	29	030S	020E	4304752955		Fee	OW	APD
ULT 5-31-3-2E	31	030S	020E	4304752956		Fee	OW	APD
ULT 11-31-3-2E	31	030S	020E	4304752957		Fee	OW	APD
ULT 13-31-3-2E	31	030S	020E	4304752958		Fee	OW	APD
ULT 11-29-3-2E	29	030S	020E	4304752959		Fee	OW	APD
ULT 13-29-3-2E	29	030S	020E	4304752960		Fee	OW	APD
ULT 5-29-3-2E	29	030S	020E	4304752961		Fee	OW	APD
ULT 4-29-3-2E	29	030S	020E	4304752962		Fee	OW	APD
ULT 14-29-3-2E	29	030S	020E	4304752963		Fee	OW	APD
ULT 3-29-3-2E	29	030S	020E	4304752964		Fee	OW	APD
MERRITT 2-18-3-1E	18	030S	010E	4304752966		Fee	OW	APD
MERRITT 3-18-3-1E	18	030S	010E	4304752967		Fee	OW	APD
DEEP CREEK 11-20-3-2	20	030S	020E	4304752968		Fee	OW	APD
DEEP CREEK 14-19-3-2E	19	030S	020E	4304752969		Fee	OW	APD
DEEP CREEK 5-30-3-2E	30	030S	020E	4304752970		Fee	OW	APD
DEEP CREEK 11-30-3-2E	30	030S	020E	4304752971		Fee	OW	APD
DEEP CREEK 1-30-3-2E	30	030S	020E	4304752972		Fee	OW	APD
DEEP CREEK 13-20-3-2E	20	030S	020E	4304752973		Fee	OW	APD
DEEP CREEK 16-29-3-2E	29	030S	020E	4304752974		Fee	OW	APD
DEEP CREEK 15-29-3-2E	29	030S	020E	4304752975		Fee	OW	APD
DEEP CREEK 11-19-3-2E	19	030S	020E	4304752976		Fee	OW	APD
DEEP CREEK 14-20-3-2E	20	030S	020E	4304752977		Fee	OW	APD
DEEP CREEK 12-19-3-2E	19	030S	020E	4304752978		Fee	OW	APD
DEEP CREEK 13-19-3-2E	19	030S	020E	4304752979		Fee	OW	APD
DEEP CREEK 12-20-3-2E	20	030S	020E	4304752980		Fee	OW	APD
DEEP CREEK 1-31-3-2E	31	030S	020E	4304752981		Fee	OW	APD
DEEP CREEK 3-30-3-2E	30	030S	020E	4304752982		Fee	OW	APD
DEEP CREEK 10-29-3-2E	29	030S	020E	4304752983		Fee	OW	APD
DEEP CREEK 7-31-3-2E	31	030S	020E	4304752984		Fee	OW	APD
UTE ENERGY 16-31-3-2E	31	030S	020E	4304752985		Fee	OW	APD
UTE ENERGY 15-31-3-2E	31	030S	020E	4304752986		Fee	OW	APD
GAVITTE 15-23-3-1E	23	030S	010E	4304752987		Fee	OW	APD
KNIGHT 13-30-3-2E	30	030S	020E	4304752988		Fee	OW	APD
KNIGHT 15-30-3-2E	30	030S	020E	4304752989		Fee	OW	APD
MERRITT 7-18-3-1E	18	030S	010E	4304752992		Fee	OW	APD
LAMB 3-15-4-2E	15	040S	020E	4304753014		Fee	OW	APD
LAMB 4-15-4-2E	15	040S	020E	4304753015		Fee	OW	APD
LAMB 5-15-4-2E	15	040S	020E	4304753016		Fee	OW	APD
LAMB 6-15-4-2E	15	040S	020E	4304753017		Fee	OW	APD

Well Name	SECTION	TWN	RNG	API Number	Entity	Lesase Type	Well Type	Well Status
DEEP CREEK 9-15-4-2E	15	040S	020E	4304753018		Fee	OW	APD
DEEP CREEK 10-15-4-2E	15	040S	020E	4304753019		Fee	OW	APD
KENDALL 14-7-3-1E	07	030S	010E	4304753088		Fee	OW	APD
WOMACK 1-7-3-1E	07	030S	010E	4304753089		Fee	OW	APD
KENDALL 15-18-3-1E	18	030S	010E	4304753090		Fee	OW	APD
KENDALL 10-18-3-1E	18	030S	010E	4304753091		Fee	OW	APD
KENDALL 16-18-3-1E	18	030S	010E	4304753092		Fee	OW	APD
WOMACK 2-7-3-1E	07	030S	010E	4304753093		Fee	OW	APD
WOMACK 3-7-3-1E	07	030S	010E	4304753094		Fee	OW	APD
KENDALL 9-18-3-1E	18	030S	010E	4304753095		Fee	OW	APD
KENDALL 8-18-3-1E	18	030S	010E	4304753096		Fee	OW	APD
KENDALL 1-18-3-1E	18	030S	010E	4304753097		Fee	OW	APD
KENDALL 6-17-3-1E	17	030S	010E	4304753098		Fee	OW	APD
KENDALL 3-17-3-1E	17	030S	010E	4304753099		Fee	OW	APD
KENDALL 12-9-3-1E	09	030S	010E	4304753100		Fee	OW	APD
KENDALL 12-17-3-1E	17	030S	010E	4304753101		Fee	OW	APD
WOMACK 1-8-3-1E	08	030S	010E	4304753104		Fee	OW	APD
WOMACK 2-8-3-1E	08	030S	010E	4304753105		Fee	OW	APD
WOMACK 3-8-3-1E	08	030S	010E	4304753106		Fee	OW	APD
WOMACK 4-8-3-1E	08	030S	010E	4304753107		Fee	OW	APD
WOMACK 6-8-3-1E	08	030S	010E	4304753108		Fee	OW	APD
WOMACK 8-8-3-1E	08	030S	010E	4304753109		Fee	OW	APD
KENDALL 10-8-3-1E	08	030S	010E	4304753110		Fee	OW	APD
KENDALL 12-8-3-1E	08	030S	010E	4304753111		Fee	OW	APD
KENDALL 14-8-3-1E	08	030S	010E	4304753112		Fee	OW	APD
KENDALL 2-9-3-1E	09	030S	010E	4304753114		Fee	OW	APD
KENDALL 15-8-3-1E	08	030S	010E	4304753115		Fee	OW	APD
KETTLE 3-10-3-1E	10	030S	010E	4304753116		Fee	OW	APD
KETTLE 6-10-3-1E	10	030S	010E	4304753117		Fee	OW	APD
KETTLE 11-10-3-1E	10	030S	010E	4304753118		Fee	OW	APD
KETTLE 12-10-3-1E	10	030S	010E	4304753119		Fee	OW	APD
KENDALL 14-17-3-1E	17	030S	010E	4304753120		Fee	OW	APD
KENDALL TRIBAL 14-18-3-1E	18	030S	010E	4304753142		Indian	OW	APD
KENDALL TRIBAL 9-13-3-1W	13	030S	010W	4304753143		Indian	OW	APD
KENDALL TRIBAL 1-13-3-1W	13	030S	010W	4304753144		Indian	OW	APD
KENDALL TRIBAL 13-18-3-1E	18	030S	010E	4304753145		Indian	OW	APD
KENDALL TRIBAL 9-7-3-1E	07	030S	010E	4304753146		Indian	OW	APD
KENDALL TRIBAL 10-7-3-1E	07	030S	010E	4304753147		Indian	OW	APD
KENDALL TRIBAL 12-18-3-1E	18	030S	010E	4304753148		Indian	OW	APD
KENDALL TRIBAL 11-18-3-1E	18	030S	010E	4304753149		Indian	OW	APD
KENDALL TRIBAL 5-18-3-1E	18	030S	010E	4304753150		Indian	OW	APD
KENDALL TRIBAL 4-18-3-1E	18	030S	010E	4304753151		Indian	OW	APD
KENDALL TRIBAL 16-7-3-1E	07	030S	010E	4304753152		Indian	OW	APD
KENDALL TRIBAL 11-7-3-1E	07	030S	010E	4304753153		Indian	OW	APD
FEDERAL 12-5-6-20	05	060S	200E	4304750404	18736	Federal	OW	DRL
FEDERAL 12-25-6-20	25	060S	200E	4304751235	18786	Federal	OW	DRL
FEDERAL 10-26-6-20	26	060S	200E	4304751236	18811	Federal	OW	DRL
DEEP CREEK 7-25-3-1E	25	030S	010E	4304751582	18192	Fee	OW	DRL
COLEMAN TRIBAL 5-7-4-2E	07	040S	020E	4304751733	18375	Indian	OW	DRL
ULT 1-36-3-1E	36	030S	010E	4304751751	18236	Fee	OW	DRL
DEEP CREEK 11-25-3-1E	25	030S	010E	4304751889	18805	Fee	OW	DRL
ULT 9-36-3-1E	36	030S	010E	4304751900	18311	Fee	OW	DRL
ULT 13-36-3-1E	36	030S	010E	4304751901	18312	Fee	OW	DRL
ULT 15-36-3-1E	36	030S	010E	4304751902	18298	Fee	OW	DRL
ULT 8-26-3-1E	26	030S	010E	4304751924	18763	Fee	OW	DRL
DEEP CREEK 2-25-3-1E	25	030S	010E	4304751925	18808	Fee	OW	DRL
COLEMAN TRIBAL 1-7-4-2E	07	040S	020E	4304751937	18477	Indian	OW	DRL
COLEMAN TRIBAL 5-8-4-2E	08	040S	020E	4304751946	18503	Indian	OW	DRL
DEEP CREEK TRIBAL 9-8-4-2E	08	040S	020E	4304752007	18501	Indian	OW	DRL
GAVITTE 2-26-3-1E	26	030S	010E	4304752040	18760	Fee	OW	DRL
SZYNDROWSKI 12-27-3-1E	27	030S	010E	4304752116	18812	Fee	OW	DRL
ULT 3-34-3-1E	34	030S	010E	4304752124	99999	Fee	OW	DRL
SZYNDROWSKI 16-28-3-1E	28	030S	010E	4304752126	18758	Fee	OW	DRL
SZYNDROWSKI 10-28-3-1E	28	030S	010E	4304752130	18807	Fee	OW	DRL

Well Name	SECTION	TWN	RNG	API Number	Entity	Lesase Type	Well Type	Well Status
SZYNDROWSKI 7-28-3-1E	28	030S	010E	4304752131	18715	Fee	OW	DRL
UTE TRIBAL 8-30-3-2E	30	030S	020E	4304752193	18641	Indian	OW	DRL
UTE TRIBAL 4-32-3-2E	32	030S	020E	4304752194	18643	Indian	OW	DRL
DEEP CREEK TRIBAL 16-23-3-1E	23	030S	010E	4304752220	18835	Indian	OW	DRL
ULT 7X-36-3-1E	36	030S	010E	4304752293	18697	Fee	OW	DRL
BOWERS 1-6-4-2E	06	040S	020E	4304752419	18871	Fee	OW	DRL
BOWERS 2-6-4-2E	06	040S	020E	4304752420	99999	Fee	OW	DRL
BOWERS 3-6-4-2E	06	040S	020E	4304752421	18872	Fee	OW	DRL
BOWERS 4-6-4-2E	06	040S	020E	4304752432	18714	Fee	OW	DRL
GAVITTE 2-27-3-1E	27	030S	010E	4304752454	18815	Fee	OW	DRL
GAVITTE 1-27-3-1E	27	030S	010E	4304752456	18762	Fee	OW	DRL
SZYNDROWSKI 13-27-3-1E	27	030S	010E	4304752457	99999	Fee	OW	DRL
ULT 2-34-3-1E	34	030S	010E	4304752458	18828	Fee	OW	DRL
ULT 4-34-3-1E	34	030S	010E	4304752459	18837	Fee	OW	DRL
ULT 6-34-3-1E	34	030S	010E	4304752460	18836	Fee	OW	DRL
ULT 8-34-3-1E	34	030S	010E	4304752461	18838	Fee	OW	DRL
HORSESHOE BEND 2	03	070S	210E	4304715800	11628	Federal	OW	P
FED MILLER 1	04	070S	220E	4304730034	2750	Federal	GW	P
BASER DRAW 1-31	31	060S	220E	4304730831	2710	Federal	GW	P
COORS 14-1-D	14	070S	210E	4304731304	11193	Federal	GW	P
FEDERAL 34-2-K	34	060S	210E	4304731467	10550	Federal	OW	P
FEDERAL 33-1-I	33	060S	210E	4304731468	9615	Federal	OW	P
HORSESHOE BEND ST 36-1	36	060S	210E	4304731482	9815	State	GW	P
COTTON CLUB 1	31	060S	210E	4304731643	10380	Federal	OW	P
ANNA BELLE 31-2-J	31	060S	210E	4304731698	10510	Fee	OW	P
BASER DRAW 6-1	06	070S	220E	4304731834	10863	Federal	GW	P
FEDERAL 4-2-F	04	070S	210E	4304731853	10933	Federal	OW	P
COORS FEDERAL 2-10HB	10	070S	210E	4304732009	11255	Federal	GW	P
GOVERNMENT 12-14	14	060S	200E	4304732850	12150	Federal	OW	P
GOSE FEDERAL 3-18	18	060S	210E	4304733691	13244	Federal	OW	P
GUSHER FED 16-14-6-20	14	060S	200E	4304737475	15905	Federal	OW	P
GUSHER FED 6-24-6-20	24	060S	200E	4304737556	17068	Federal	OW	P
FEDERAL 2-25-6-20	25	060S	200E	4304737557	15812	Federal	OW	P
FEDERAL 5-19-6-21	19	060S	210E	4304737559	15813	Federal	OW	P
GUSHER FED 5-13-6-20	13	060S	200E	4304738403	17401	Federal	OW	P
KNIGHT 16-30	30	030S	020E	4304738499	16466	Fee	OW	P
KNIGHT 14-30	30	030S	020E	4304738501	15848	Fee	OW	P
FEDERAL 14-12-6-20	12	060S	200E	4304738998	17404	Federal	OW	P
FEDERAL 2-14-6-20	14	060S	200E	4304738999	17402	Federal	OW	P
FEDERAL 8-23-6-20	23	060S	200E	4304739000	17158	Federal	OW	P
FEDERAL 8-24-6-20	24	060S	200E	4304739076	17403	Federal	OW	P
FEDERAL 14-24-6-20	24	060S	200E	4304739078	17139	Federal	OW	P
FEDERAL 14-19-6-21	19	060S	210E	4304739079	17448	Federal	OW	P
DEEP CREEK 2-31	31	030S	020E	4304740026	16950	Fee	OW	P
DEEP CREEK 8-31	31	030S	020E	4304740032	17053	Fee	OW	P
ULT 12-29	29	030S	020E	4304740039	17010	Fee	OW	P
ELIASON 12-30	30	030S	020E	4304740040	17011	Fee	OW	P
FEDERAL 16-13-6-20	13	060S	200E	4304740487	17433	Federal	OW	P
FEDERAL 2-26-6-20	26	060S	200E	4304750406	17373	Federal	OW	P
FEDERAL 4-9-6-20	09	060S	200E	4304750407	17382	Federal	OW	P
FEDERAL 10-22-6-20	22	060S	200E	4304751227	18737	Federal	OW	P
FEDERAL 2-23-6-20	23	060S	200E	4304751228	18081	Federal	OW	P
FEDERAL 10-23-6-20	23	060S	200E	4304751229	18082	Federal	OW	P
FEDERAL 12-23-6-20	23	060S	200E	4304751230	18756	Federal	OW	P
FEDERAL 14-23-6-20	23	060S	200E	4304751231	18757	Federal	OW	P
FEDERAL 2-24-6-20	24	060S	200E	4304751232	18083	Federal	OW	P
FEDERAL 4-24-6-20	24	060S	200E	4304751233	18062	Federal	OW	P
FEDERAL 4-25-6-20	25	060S	200E	4304751234	18084	Federal	OW	P
FEDERAL 16-23-6-20	23	060S	200E	4304751278	18013	Federal	OW	P
FEDERAL 12-24-6-20	24	060S	200E	4304751279	17997	Federal	OW	P
COLEMAN TRIBAL 2-18-4-2E	18	040S	020E	4304751488	18036	Indian	OW	P
COLEMAN TRIBAL 5-18-4-2E	18	040S	020E	4304751489	18136	Indian	OW	P
COLEMAN TRIBAL 6-18-4-2E	18	040S	020E	4304751490	18137	Indian	OW	P
COLEMAN TRIBAL 8-18-4-2E	18	040S	020E	4304751491	18058	Indian	OW	P

Well Name	SECTION	TWN	RNG	API Number	Entity	Lesase Type	Well Type	Well Status
COLEMAN TRIBAL 13-18-4-2E	18	040S	020E	4304751492	18059	Indian	OW	P
COLEMAN TRIBAL 14-18-4-2E	18	040S	020E	4304751493	18068	Indian	OW	P
COLEMAN TRIBAL 15-18-4-2E	18	040S	020E	4304751494	18069	Indian	OW	P
COLEMAN TRIBAL 7-8-4-2E	08	040S	020E	4304751496	18074	Indian	OW	P
DEEP CREEK TRIBAL 7-17-4-2E	17	040S	020E	4304751497	18060	Indian	OW	P
UTE TRIBAL 6-32-3-2E	32	030S	020E	4304751555	18094	Indian	OW	P
UTE TRIBAL 1-5-4-2E	05	040S	020E	4304751556	18093	Indian	OW	P
UTE TRIBAL 10-5-4-2E	05	040S	020E	4304751557	18092	Indian	OW	P
UTE TRIBAL 6-9-4-2E	09	040S	020E	4304751558	18080	Indian	OW	P
ULT 10-6-4-2E	06	040S	020E	4304751569	18139	Fee	OW	P
ULT 12-6-4-2E	06	040S	020E	4304751571	18138	Fee	OW	P
ULT 16-6-4-2E	06	040S	020E	4304751573	18140	Fee	OW	P
ULT 11-5-4-2E	05	040S	020E	4304751574	18188	Fee	OW	P
DEEP CREEK 13-32-3-2E	32	030S	020E	4304751575	18412	Fee	OW	P
ULT 5-36-3-1E	36	030S	010E	4304751577	18191	Fee	OW	P
ULT 14-36-3-1E	36	030S	010E	4304751579	18181	Fee	OW	P
ULT 16-36-3-1E	36	030S	010E	4304751580	18180	Fee	OW	P
DEEP CREEK 16-25-3-1E	25	030S	010E	4304751583	18235	Fee	OW	P
ULT 14-25-3-1E	25	030S	010E	4304751584	18182	Fee	OW	P
ULT 5-26-3-1E	26	030S	010E	4304751650	18229	Fee	OW	P
ULT 7-26-3-1E	26	030S	010E	4304751651	18237	Fee	OW	P
ULT 16-26-3-1E	26	030S	010E	4304751652	18231	Fee	OW	P
ULT 14-26-3-1E	26	030S	010E	4304751653	18239	Fee	OW	P
ULT 5-34-3-1E	34	030S	010E	4304751654	18283	Fee	OW	P
ULT 7-34-3-1E	34	030S	010E	4304751655	18284	Fee	OW	P
ULT 16-34-3-1E	34	030S	010E	4304751656	18273	Fee	OW	P
ULT 5-35-3-1E	35	030S	010E	4304751657	18214	Fee	OW	P
MARSH 14-35-3-1E	35	030S	010E	4304751658	18272	Fee	OW	P
SZYNDROWSKI 5-27-3-1E	27	030S	010E	4304751659	18275	Fee	OW	P
ULT 7-35-3-1E	35	030S	010E	4304751660	18222	Fee	OW	P
ULT 6-31-3-2E	31	030S	020E	4304751661	18257	Fee	OW	P
DEEP CREEK 2-30-3-2E	30	030S	020E	4304751662	18276	Fee	OW	P
DEEP CREEK 4-30-3-2E	30	030S	020E	4304751663	18274	Fee	OW	P
DEEP CREEK 11-32-3-2E	32	030S	020E	4304751664	18374	Fee	OW	P
COLEMAN TRIBAL 1-8-4-2E	08	040S	020E	4304751727	18404	Indian	OW	P
COLEMAN TRIBAL 7-7-4-2E	07	040S	020E	4304751728	18398	Indian	OW	P
DEEP CREEK TRIBAL 9-7-4-2E	07	040S	020E	4304751729	18402	Indian	OW	P
COLEMAN TRIBAL 3-8-4-2E	08	040S	020E	4304751730	18399	Indian	OW	P
DEEP CREEK TRIBAL 13-8-4-2E	08	040S	020E	4304751732	18401	Indian	OW	P
DEEP CREEK TRIBAL 15-8-4-2E	08	040S	020E	4304751734	18407	Indian	OW	P
DEEP CREEK TRIBAL 6-17-4-2E	17	040S	020E	4304751735	18406	Indian	OW	P
DEEP CREEK TRIBAL 8-17-4-2E	17	040S	020E	4304751736	18400	Indian	OW	P
COLEMAN TRIBAL 12-17-4-2E	17	040S	020E	4304751737	18405	Indian	OW	P
COLEMAN TRIBAL 15-17-4-2E	17	040S	020E	4304751738	18397	Indian	OW	P
MARSH 13-35-3-1E	35	030S	010E	4304751754	18258	Fee	OW	P
ULT 9-26-3-1E	26	030S	010E	4304751755	18230	Fee	OW	P
ULT 1-34-3-1E	34	030S	010E	4304751756	18238	Fee	OW	P
ULT 6-26-3-1E	26	030S	010E	4304751874	18322	Fee	OW	P
ULT 10-26-3-1E	26	030S	010E	4304751875	18323	Fee	OW	P
ULT 13-26-3-1E	26	030S	010E	4304751887	18325	Fee	OW	P
ULT 15-26-3-1E	26	030S	010E	4304751888	18321	Fee	OW	P
ULT 12-26-3-1E	26	030S	010E	4304751891	18324	Fee	OW	P
ULT 6-36-3-1E	36	030S	010E	4304751897	18296	Fee	OW	P
ULT 2-36-3-1E	36	030S	010E	4304751898	18297	Fee	OW	P
GAVITTE 3-26-3-1E	26	030S	010E	4304751917	18504	Fee	OW	P
GAVITTE 13-23-3-1E	23	030S	010E	4304751918	18545	Fee	OW	P
DEEP CREEK 13-24-3-1E	24	030S	010E	4304751920	18514	Fee	OW	P
COLEMAN TRIBAL 3-18-4-2E	18	040S	020E	4304751998	18438	Indian	OW	P
COLEMAN TRIBAL 4-18-4-2E	18	040S	020E	4304751999	18460	Indian	OW	P
COLEMAN TRIBAL 7-18-4-2E	18	040S	020E	4304752000	18459	Indian	OW	P
COLEMAN TRIBAL 1-18-4-2E	18	040S	020E	4304752001	18435	Indian	OW	P
COLEMAN TRIBAL 3-7-4-2E	07	040S	020E	4304752002	18436	Indian	OW	P
COLEMAN TRIBAL 11-18-4-2E	18	040S	020E	4304752003	18476	Indian	OW	P
COLEMAN TRIBAL 12-18-4-2E	18	040S	020E	4304752004	18458	Indian	OW	P

Ute Energy Upstream Holding, LLC (N3730) to Crescent Point Energy U.S. Corp (N3935)
Effective 11/30/2012

Well Name	SECTION	TWN	RNG	API Number	Entity	Lesase Type	Well Type	Well Status
DEEP CREEK TRIBAL 11-8-4-2E	08	040S	020E	4304752008	18502	Indian	OW	P
DEEP CREEK TRIBAL 11-7-4-2E	07	040S	020E	4304752009	18499	Indian	OW	P
DEEP CREEK TRIBAL 15-7-4-2E	07	040S	020E	4304752010	18498	Indian	OW	P
GAVITTE 4-26-3-1E	26	030S	010E	4304752041	18761	Fee	OW	P
UTE ENERGY 7-27-3-1E	27	030S	010E	4304752117	18497	Fee	OW	P
UTE ENERGY 10-27-3-1E	27	030S	010E	4304752118	18505	Fee	OW	P
UTE ENERGY 11-27-3-1E	27	030S	010E	4304752119	18496	Fee	OW	P
UTE ENERGY 15-27-3-1E	27	030S	010E	4304752120	18515	Fee	OW	P
UTE ENERGY 6-27-3-1E	27	030S	010E	4304752121	18500	Fee	OW	P
UTE ENERGY 14-27-3-1E	27	030S	010E	4304752122	18506	Fee	OW	P
SZYNDROWSKI 15-28-3-1E	28	030S	010E	4304752127	18759	Fee	OW	P
SZYNDROWSKI 9-28-3-1E	28	030S	010E	4304752128	18806	Fee	OW	P
SZYNDROWSKI 8-28-3-1E	28	030S	010E	4304752132	18716	Fee	OW	P
DEEP CREEK TRIBAL 1-26-3-1E	26	030S	010E	4304752221	18713	Indian	OW	P
ULT 7-36-3-1E	36	030S	010E	4304751578	18189	Fee	D	PA
EAST GUSHER UNIT 3	10	060S	200E	4304715590	10341	Federal	OW	S
WOLF GOVT FED 1	05	070S	220E	4304715609	2755	Federal	GW	S
GOVT 4-14	14	060S	200E	4304730155	760	Federal	OW	S
STIRRUP FEDERAL 29-2	29	060S	210E	4304731508	11055	Federal	OW	S
L C K 30-1-H	30	060S	210E	4304731588	10202	Fee	OW	S
FEDERAL 21-I-P	21	060S	210E	4304731647	1316	Federal	GW	S
FEDERAL 4-1-D	04	070S	210E	4304731693	10196	Federal	OW	S
FEDERAL 5-5-H	05	070S	210E	4304731903	11138	Federal	OW	S
GOVERNMENT 10-14	14	060S	200E	4304732709	12009	Federal	OW	S
HORSESHOE BEND FED 11-1	11	070S	210E	4304733833	13126	Federal	GW	S
FEDERAL 6-11-6-20	11	060S	200E	4304737558	15836	Federal	OW	S
FEDERAL 6-30-6-21	30	060S	210E	4304737560	15814	Federal	OW	S
ELIASON 6-30	30	030S	020E	4304738500	16465	Fee	OW	S
FEDERAL 8-13-6-20	13	060S	200E	4304738996	17407	Federal	OW	S
FEDERAL 14-13-6-20	13	060S	200E	4304738997	17176	Federal	OW	S
ULT 4-31	31	030S	020E	4304740017	16985	Fee	OW	S
FEDERAL 8-8-6-20	08	060S	200E	4304750408	17381	Federal	OW	S
FEDERAL 2-17-6-20	17	060S	200E	4304750414	18010	Federal	OW	S
UTE TRIBAL 10-30-3-2E	30	030S	020E	4304751554	18095	Indian	OW	S
ULT 14-6-4-2E	06	040S	020E	4304751572	18171	Fee	OW	S
ULT 14-31-3-2E	31	030S	020E	4304751576	18179	Fee	OW	S
SENATORE 5-25-3-1E	25	030S	010E	4304751581	18190	Fee	OW	S
ULT 12-31-3-2E	31	030S	020E	4304751585	18178	Fee	OW	S
DEEP CREEK TRIBAL 13-7-4-2E	07	040S	020E	4304751746	18403	Indian	OW	S
ULT 4-36-3-1E	36	030S	010E	4304751895	18295	Fee	OW	S
ULT 11-26-3-1E	26	030S	010E	4304752047	18513	Fee	OW	S
E GUSHER 2-1A	03	060S	200E	4304731431	11333	Federal	OW	TA
FEDERAL 11-1-M	11	060S	200E	4304732333	11443	Federal	OW	TA

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: See Attachment
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See Attachment
7. UNIT or CA AGREEMENT NAME: See Attachment
8. WELL NAME and NUMBER: See Attachment
9. API NUMBER: See Attach
10. FIELD AND POOL, OR WILDCAT: See Attachment

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR: Crescent Point Energy U.S. Corp N3935

3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (720) 880-3610

4. LOCATION OF WELL
FOOTAGES AT SURFACE: See Attachment
COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
11/30/2012	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: _____
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 11/30/2012, Crescent Point Energy U.S. Corp took over operations of the referenced wells. The previous owner/operator was:

Ute Energy Upstream Holdings LLC N3730
1875 Lawrence Street, Suite 200
Denver, CO 80212

Effective 11/30/2012, Crescent Point Energy U.S. Corp is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State Bond Nos. LPM9080271 and LPM 9080272 and BLM Bond No. LPM9080275.
BIA Bond No:

Ute Energy Upstream Holding LLC
Print Name: ANTHONY BALDWIN Title: TREASURER
Seller Signature: Date: 1/11/2013

NAME (PLEASE PRINT) Kent Mitchell TITLE President
SIGNATURE DATE Jan 11/13

(This space for State use only)

APPROVED
FEB 26 2013
DIV. OIL GAS & MINING
BY: Rachel Medina

RECEIVED
FEB 01 2013
Div. of Oil, Gas & Mining
Amended well list rec.

RECEIVED
JAN 15 2013
DIV. OF OIL, GAS & MINING
Original rec date

(5/2000) (See Instructions on Reverse Side)

Drilled Wells

API	Well	Qtr/Qtr	Section	T	R	Well Status	Well Type	Mineral Lease
4304715590	East Gusher Unit 3	NWNE	10	6S	20E	Producing Well	Oil Well	State
4304715800	Horseshoe Bend 2	NWNE	03	7S	21E	Producing Well	Oil Well	Federal
4304730034	Fed Miller 1	NWSW	04	7S	22E	Producing Well	Gas Well	Federal
4304730831	Baser Draw 1-31	NWSW	31	6S	22E	Producing Well	Gas Well	Federal
4304731304	Coors 14-1-D	NWNW	14	7S	21E	Producing Well	Gas Well	Federal
4304731467	Federal 34-2-K	NESW	34	6S	21E	Producing Well	Oil Well	Federal
4304731468	Federal 33-1-I	NESE	33	6S	21E	Producing Well	Oil Well	Federal
4304731482	Horseshoe Bend St 36-1	SESE	36	6S	21E	Producing Well	Gas Well	State
4304731588	L C K 30-1-H	SENE	30	6S	21E	Producing Well	Oil Well	FEE
4304731626	Stirrup State 32-2	SENE	32	6S	21E	Producing Well	Oil Well	State
4304731643	Cotton Club 1	NENE	31	6S	21E	Producing Well	Oil Well	Federal
4304731698	Anna Belle 31-2-J	NWSE	31	6S	21E	Producing Well	Oil Well	FEE
4304731834	Baser Draw 6-1	NWNW	06	7S	22E	Producing Well	Gas Well	Federal
4304731853	Federal 4-2-F	SENW	04	7S	21E	Producing Well	Oil Well	Federal
4304732009	Coors Federal 2-10HB	SWNE	10	7S	21E	Producing Well	Gas Well	Federal
4304732850	Government 12-14	NWSW	14	6S	20E	Producing Well	Oil Well	Federal
4304733691	Gose Federal 3-18	SWSW	18	6S	21E	Producing Well	Oil Well	Federal
4304737475	Gusher Fed 16-14-6-20	SESE	14	6S	20E	Producing Well	Oil Well	Federal
4304737556	Gusher Fed 6-24-6-20	SENW	24	6S	20E	Producing Well	Oil Well	Federal
4304737557	Federal 2-25-6-20	NWNE	25	6S	20E	Producing Well	Oil Well	Federal
4304737558	Federal 6-11-6-20	SENW	11	6S	20E	Producing Well	Oil Well	Federal
4304737559	Federal 5-19-6-21	SWNW	19	6S	21E	Producing Well	Oil Well	Federal
4304737560	Federal 6-30-6-21	SENW	30	6S	21E	Producing Well	Oil Well	Federal
4304738400	Huber Fed 26-24	SENE	26	5S	19E	Producing Well	Oil Well	Federal
4304738403	Gusher Fed 5-13-6-20	SWNW	13	6S	20E	Producing Well	Oil Well	Federal
4304738996	Federal 8-13-6-20	SENE	13	6S	20E	Producing Well	Oil Well	Federal
4304738997	Federal 14-13-6-20	SESW	13	6S	20E	Producing Well	Oil Well	Federal
4304738998	Federal 14-12-6-20	SESW	12	6S	20E	Producing Well	Oil Well	Federal
4304738999	Federal 2-14-6-20	NWNE	14	6S	20E	Producing Well	Oil Well	Federal
4304739000	Federal 8-23-6-20	SENE	23	6S	20E	Producing Well	Oil Well	Federal
4304739076	Federal 8-24-6-20	SENE	24	6S	20E	Producing Well	Oil Well	Federal
4304739078	Federal 14-24-6-20	SESW	24	6S	20E	Producing Well	Oil Well	Federal
4304739079	Federal 14-19-6-21	SESW	19	6S	21E	Producing Well	Oil Well	Federal
4304740487	Federal 16-13-6-20	SESE	13	6S	20E	Producing Well	Oil Well	Federal
4304750406	Federal 2-26-6-20	NWNE	26	6S	20E	Producing Well	Oil Well	Federal
4304750407	Federal 4-9-6-20	NWNW	09	6S	20E	Producing Well	Oil Well	Federal
4304750408	Federal 8-8-6-20	SENE	08	6S	20E	Producing Well	Oil Well	Federal
4304750414	Federal 2-17-6-20	NWNE	17	6S	20E	Producing Well	Oil Well	Federal
4304751228	Federal 2-23-6-20	NWNE	23	6S	20E	Producing Well	Oil Well	Federal
4304751229	Federal 10-23-6-20	NWSE	23	6S	20E	Producing Well	Oil Well	Federal
4304751232	Federal 2-24-6-20	NWNE	24	6S	20E	Producing Well	Oil Well	Federal
4304751233	Federal 4-24-6-20	NWNW	24	6S	20E	Producing Well	Oil Well	Federal
4304751234	Federal 4-25-6-20	NWNW	25	6S	20E	Producing Well	Oil Well	Federal

4304751278	Federal 16-23-6-20	SESE	23	6S	20E	Producing Well	Oil Well	Federal
4304751279	Federal 12-24-6-20	NWSW	24	6S	20E	Producing Well	Oil Well	Federal
4304738499	Knight 16-30	SE SE	30	3S	2E	Producing Well	Oil Well	FEE
4304738500	Eliason 6-30	SE NW	30	3S	2E	Producing Well	Oil Well	FEE
4304738501	Knight 14-30	SE SW	30	3S	2E	Producing Well	Oil Well	FEE
4304740017	ULT 4-31	NW NW	31	3S	2E	Producing Well	Oil Well	FEE
4304740026	Deep Creek 2-31	NW NE	31	3S	2E	Producing Well	Oil Well	FEE
4304740032	Deep Creek 8-31	SE NE	31	3S	2E	Producing Well	Oil Well	FEE
4304740039	ULT 12-29	NW SW	29	3S	2E	Producing Well	Oil Well	FEE
4304740040	Eliason 12-30	NW SW	30	3S	2E	Producing Well	Oil Well	FEE
4304752003	Coleman Tribal 11-18-4-2E	NE SW	18	4S	2E	Producing Well	Oil Well	BIA
4304751488	Coleman Tribal 2-18-4-2E	NW NE	18	4S	2E	Producing Well	Oil Well	BIA
4304751491	Coleman Tribal 8-18-4-2E	SE NE	18	4S	2E	Producing Well	Oil Well	BIA
4304751497	Deep Creek Tribal 7-17-4-2E	SW NE	17	4S	2E	Producing Well	Oil Well	BIA
4304751492	Coleman Tribal 13-18-4-2E	SW SW	18	4S	2E	Producing Well	Oil Well	BIA
4304751493	Coleman Tribal 14-18-4-2E	SE SW	18	4S	2E	Producing Well	Oil Well	BIA
4304751494	Coleman Tribal 15-18-4-2E	SW SE	18	4S	2E	Producing Well	Oil Well	BIA
4304751496	Coleman Tribal 7-8-4-2E	SW NE	8	4S	2E	Producing Well	Oil Well	BIA
4304751558	Ute Tribal 6-9-4-2E	SE NW	9	4S	2E	Producing Well	Oil Well	BIA
4304751557	Ute Tribal 10-5-4-2E	NW SE	5	4S	2E	Producing Well	Oil Well	BIA
4304751556	Ute Tribal 1-5-4-2E	NE NE	5	4S	2E	Producing Well	Oil Well	BIA
4304751555	Ute Tribal 6-32-3-2E	SE NW	32	4S	2E	Producing Well	Oil Well	BIA
4304751554	Ute Tribal 10-30-3-2E	NW SE	30	3S	2E	Producing Well	Oil Well	BIA
4304751489	Coleman Tribal 5-18-4-2E	SW NW	18	4S	2E	Producing Well	Oil Well	BIA
4304751490	Coleman Tribal 6-18-4-2E	SE NW	18	4S	2E	Producing Well	Oil Well	BIA
4304751571	ULT 12-6-4-2E	NW SW	6	4S	2E	Producing Well	Oil Well	FEE
4304751569	ULT 10-6-4-2E	NW SE	6	4S	2E	Producing Well	Oil Well	FEE
4304751573	ULT 16-6-4-2E	SE SE	6	4S	2E	Producing Well	Oil Well	FEE
4304751572	ULT 14-6-4-2E	SE SW	6	4S	2E	Producing Well	Oil Well	FEE
4304751576	ULT 14-31-3-2E	SE SW	31	3S	2E	Producing Well	Oil Well	FEE
4304751577	ULT 5-36-3-1E	SW NW	36	3S	1E	Producing Well	Oil Well	FEE
4304751580	ULT 16-36-3-1E	SE SE	36	3S	1E	Producing Well	Oil Well	FEE
4304751585	ULT 12-31-3-2E	NW SW	31	3S	2E	Producing Well	Oil Well	FEE
4304751579	ULT 14-36-3-1E	SE SW	36	3S	1E	Producing Well	Oil Well	FEE
4304751584	ULT 14-25-3-1E	SE SW	25	3S	1E	Producing Well	Oil Well	FEE
4304751574	ULT 11-5-4-2E	NE SW	5	4S	2E	Producing Well	Oil Well	FEE
4304751583	Deep Creek 16-25-3-1E	SE SE	25	3S	1E	Producing Well	Oil Well	FEE
4304751652	ULT 16-26-3-1E	SE SE	26	3S	1E	Producing Well	Oil Well	FEE
4304751581	Senatore 5-25-3-1E	SW NW	25	3S	1E	Producing Well	Oil Well	FEE
4304751658	Marsh 14-35-3-1E	SE SW	35	3S	1E	Producing Well	Oil Well	FEE
4304751755	ULT 9-26-3-1E	NE SE	26	3S	1E	Producing Well	Oil Well	FEE
4304751651	ULT 7-26-3-1E	SW NE	26	3S	1E	Producing Well	Oil Well	FEE
4304751659	Szyndrowski 5-27-3-1E	SW NW	27	3S	1E	Producing Well	Oil Well	FEE
4304751653	ULT 14-26-3-1E	SE SW	26	3S	1E	Producing Well	Oil Well	FEE
4304751733	Coleman Tribal 5-7-4-2E	SW NW	7	4S	2E	Producing Well	Oil Well	BIA
4304751657	ULT 5-35-3-1E	SW NW	35	3S	1E	Producing Well	Oil Well	FEE

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4304751660	ULT 7-35-3-1E	SW NE	35	3S	1E	Producing Well	Oil Well	FEE	96
4304751728	Coleman Tribal 7-7-4-2E	SW NE	7	4S	2E	Producing Well	Oil Well	BIA	
4304751895	ULT 4-36-3-1E	NW NW	36	3S	1E	Producing Well	Oil Well	FEE	
4304751729	Deep Creek Tribal 9-7-4-2E	NE SE	7	4S	2E	Producing Well	Oil Well	BIA	
4304751746	Deep Creek Tribal 13-7-4-2E	SW SW	7	4S	2E	Producing Well	Oil Well	BIA	
4304751998	Coleman Tribal 3-18-4-2E	NE NW	18	4S	2E	Producing Well	Oil Well	BIA	
4304751730	Coleman Tribal 3-8-4-2E	NE NW	8	4S	2E	Producing Well	Oil Well	BIA	
4304752001	Coleman Tribal 1-18-4-2E	NE NE	18	4S	2E	Producing Well	Oil Well	BIA	
4304752004	Coleman Tribal 12-18-4-2E	NW SW	18	4S	2E	Producing Well	Oil Well	BIA	
4304751999	Coleman Tribal 4-18-4-2E	NW NW	18	4S	2E	Producing Well	Oil Well	BIA	
4304752000	Coleman Tribal 7-18-4-2E	SW NE	18	4S	2E	Producing Well	Oil Well	BIA	100
4304751727	Coleman Tribal 1-8-4-2E	NE NE	8	4S	2E	Producing Well	Oil Well	BIA	
4304751732	Deep Creek Tribal 13-8-4-2E	SW SW	8	4S	2E	Producing Well	Oil Well	BIA	
43047 ~~4304751740~~ 51737	Coleman Tribal 12-17-4-2E	(Lot 6) NW SW	17	4S	2E	Producing Well	Oil Well	BIA	
4304752002	Coleman Tribal 3-7-4-2E	NE NW	7	4S	2E	Producing Well	Oil Well	BIA	
4304751734	Deep Creek Tribal 15-8-4-2E	SW SE	8	4S	2E	Producing Well	Oil Well	BIA	
4304751738	Coleman Tribal 15-17-4-2E	SW SE	17	4S	2E	Producing Well	Oil Well	BIA	
4304751735	Deep Creek Tribal 6-17-4-2E	SE NW	17	4S	2E	Producing Well	Oil Well	BIA	
4304751736	Deep Creek Tribal 8-17-4-2E	SE NE	17	4S	2E	Producing Well	Oil Well	BIA	
4304752047	ULT 11-26-3-1E	NE SW	26	3S	1E	Producing Well	Oil Well	FEE	
4304751575	Deep Creek 13-32-3-2E	SW SW	32	3S	2E	Producing Well	Oil Well	FEE	
4304751664	Deep Creek 11-32-3-2E	NE SW	32	3S	2E	Producing Well	Oil Well	FEE	
4304752119	Ute Energy 11-27-3-1E	NE SW	27	3S	1E	Producing Well	Oil Well	FEE	
4304752120	Ute Energy 15-27-3-1E	SW SE	27	3S	1E	Producing Well	Oil Well	FEE	
4304752118	Ute Energy 10-27-3-1E	NW SE	27	3S	1E	Producing Well	Oil Well	FEE	
4304752122	Ute Energy 14-27-3-1E	SE SW	27	3S	1E	Producing Well	Oil Well	FEE	
4304751654	ULT 5-34-3-1E	SW NW	34	3S	1E	Producing Well	Oil Well	FEE	
4304751655	ULT 7-34-3-1E	SW NE	34	3S	1E	Producing Well	Oil Well	FEE	
4304751656	ULT 16-34-3-1E	SE SE	34	3S	1E	Producing Well	Oil Well	FEE	
4304751898	ULT 2-36-3-1E	NW NE	36	3S	1E	Producing Well	Oil Well	FEE	
4304751650	ULT 5-26-3-1E	SW NW	26	3S	1E	Producing Well	Oil Well	FEE	120
4304751754	Marsh 13-35-3-1E	SW SW	35	3S	1E	Producing Well	Oil Well	FEE	
4304751897	ULT 6-36-3-1E	SE NW	36	3S	1E	Producing Well	Oil Well	FEE	
4304751891	ULT 12-26-3-1E	NW SW	26	3S	1E	Producing Well	Oil Well	FEE	
4304751887	ULT 13-26-3-1E	SW SW	26	3S	1E	Producing Well	Oil Well	FEE	
4304751875	ULT 10-26-3-1E	NW SE	26	3S	1E	Producing Well	Oil Well	FEE	
4304751918	Gavitte 13-23-3-1E	SW SW	23	3S	1E	Producing Well	Oil Well	FEE	
4304751662	Deep Creek 2-30-3-2E	NW NE	30	3S	2E	Producing Well	Oil Well	FEE	
4304751917	Gavitte 3-26-3-1E	NE NW	26	3S	1E	Producing Well	Oil Well	FEE	
4304751661	ULT 6-31-3-2E	SE NW	31	3S	2E	Producing Well	Oil Well	FEE	
4304751663	Deep Creek 4-30-3-2E	NW NW	30	3S	2E	Producing Well	Oil Well	FEE	130
4304752121	Ute Energy 6-27-3-1E	SE NW	27	3S	1E	Producing Well	Oil Well	FEE	
4304752117	Ute Energy 7-27-3-1E	SW NE	27	3S	1E	Producing Well	Oil Well	FEE	
4304751920	Deep Creek 13-24-3-1E	SW SW	24	3S	1E	Producing Well	Oil Well	FEE	
4304751756	ULT 1-34-3-1E	NE NE	34	3S	1E	Producing Well	Oil Well	FEE	
4304751888	ULT 15-26-3-1E	SW SE	26	3S	1E	Producing Well	Oil Well	FEE	

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4304751874	ULT 6-26-3-1E	SE NW	26	3S	1E	Producing Well	Oil Well	FEE -
4304752194	Ute Tribal 4-32-3-2E	NW NW	32	3S	2E	Producing Well	Oil Well	BIA -
4304752193	Ute Tribal 8-30-3-2E	SE NE	30	3S	2E	Producing Well	Oil Well	BIA -
4304752221	Deep Creek Tribal 1-26-3-1E	NE NE	26	3S	1E	Producing Well	Oil Well	BIA -
4304752009	Deep Creek Tribal 11-7-4-2E	NE SW	7	4S	2E	Producing Well	Oil Well	BIA 140
4304752008	Deep Creek Tribal 11-8-4-2E	NE SW	8	4S	2E	Producing Well	Oil Well	BIA -
4304752010	Deep Creek Tribal 15-7-4-2E	SW SE	7	4S	2E	Producing Well	Oil Well	BIA -
4304752041	Gavitte 4-26-3-1E	NW NW	26	3S	1E	Producing Well	Oil Well	FEE -
4304752132	Szyndrowski 8-28-3-1E	SE NE	28	3S	1E	Producing Well	Oil Well	FEE -
4304752128	Szyndrowski 9-28-3-1E	NE SE	28	3S	1E	Producing Well	Oil Well	FEE -
4304752127	Szyndrowski 15-28-3-1E	SW SE	28	3S	1E	Producing Well	Oil Well	FEE -
4304738932	Ouray Valley Fed 3-41	SW SW	3	6S	19E	Producing Well	Oil Well	Federal -
4304751227	Federal 10-22-6-20	NW SE	22	6S	20E	Producing Well	Oil Well	Federal -
4304751230	Federal 12-23-6-20	NW SW	23	6S	20E	Producing Well	Oil Well	Federal -
4304751231	Federal 14-23-6-20	SE SW	23	6S	20E	Producing Well	Oil Well	Federal 150
4304751235	Federal 12-25-6-20	NW SW	25	6S	20E	Producing Well	Oil Well	Federal -
4304752432	Bowers 4-6-4-2E	(Lot 4) NW NW	6	4S	2E	Producing Well	Oil Well	FEE -
4304752131	Szyndrowski 7-28-3-1E	SW NE	28	3S	1E	Producing Well	Oil Well	FEE -
4304752293	ULT 7X-36-3-1E	SW NE	36	3S	1E	Producing Well	Oil Well	FEE -
4304750404	Federal 12-5-6-20	NW SW	5	6S	20E	Producing Well	Oil Well	Federal -
4304752116	Szyndrowski 12-27-3-1E	NW SW	27	3S	1E	Producing Well	Oil Well	FEE -
4304751236	Federal 10-26-6-20	NW SE	26	6S	20E	Producing Well	Oil Well	Federal -
4304752126	Szyndrowski 16-28-3-1E	SE SE	28	3S	1E	Producing Well	Oil Well	FEE -
4304752040	Gavitte 2-26-3-1E	NW NE	26	3S	1E	Producing Well	Oil Well	FEE -
4304751889	Deep Creek 11-25-3-1E	NE SW	25	3S	1E	Producing Well	Oil Well	FEE 160
4304751924	ULT 8-26-3-1E	SE NE	26	3S	1E	Producing Well	Oil Well	FEE -
4304751925	Deep Creek 2-25-3-1E	NW NE	25	3S	1E	Producing Well	Oil Well	FEE -
4304752456	Gavitte 1-27-3-1E	NE NE	27	3S	1E	Producing Well	Oil Well	FEE -
4304752454	Gavitte 2-27-3-1E	NW NE	27	3S	1E	Producing Well	Oil Well	FEE -
4304752457	Szyndrowski 13-27-3-1E	SW SW	0	3S	1E	Producing Well	Oil Well	FEE - 165
4304751937	Coleman Tribal 1-7-4-2E	NE NE	7	4S	2E	Drilled/WOC	Oil Well	BIA
4304751946	Coleman Tribal 5-8-4-2E	SW NW	8	4S	2E	Drilled/WOC	Oil Well	BIA
4304752007	Deep Creek Tribal 9-8-4-2E	NE SE	8	4S	2E	Drilled/WOC	Oil Well	BIA
4304751582	Deep Creek 7-25-3-1E	SW NE	25	3S	1E	Drilled/WOC	Oil Well	FEE
4304751751	ULT 1-36-3-1E	NE NE	36	3S	1E	Drilled/WOC	Oil Well	FEE
4304752130	Szyndrowski 10-28-3-1E	NW SE	28	3S	1E	Drilled/WOC	Oil Well	FEE
4304751901	ULT 13-36-3-1E	SW SW	36	3S	1E	Drilled/WOC	Oil Well	FEE
4304751902	ULT 15-36-3-1E	SW SE	36	3S	1E	Drilled/WOC	Oil Well	FEE
4304751900	ULT 9-36-3-1E	NE SE	36	3S	1E	Drilled/WOC	Oil Well	FEE
4304752458	ULT 2-34-3-1E	NE SW	34	3S	1E	Drilled/WOC	Oil Well	FEE
4304752220	Deep Creek Tribal 16-23-3-1E	SE SE	23	3S	1E	Drilled/WOC	Oil Well	BIA
4304752459	ULT 4-34-3-1E	NW NW	34	3S	1E	Drilled/WOC	Oil Well	FEE
4304752460	ULT 6-34-3-1E	SE NW	34	3S	1E	Drilled/WOC	Oil Well	FEE
4304752461	ULT 8-34-3-1E	SE NE	34	3S	1E	Drilled/WOC	Oil Well	FEE
4304739644	Ouray Valley Federal 1-42-6-19	SE SW	1	6S	19E	Drilled/WOC	Oil Well	Federal
4304739643	Ouray Valley Federal 1-22-6-19	SE NW	1	6S	19E	Drilling	Oil Well	Federal

4304752419	Bowers 1-6-4-2E	(Lot 1) NE NE	6	4S	2E	Spud, not yet drilled	Oil Well	FEE
4304752420	Bowers 2-6-4-2E	(Lot 2) NW NE	6	4S	2E	Spud, not yet drilled	Oil Well	FEE
4304752421	Bowers 3-6-4-2E	(Lot 3) NE NW	6	4S	2E	Spud, not yet drilled	Oil Well	FEE
4304732784	Stirrup St 32-6	NENE	32	6S	21E	Active	Water Injection	State
4304731431	E Gusher 2-1A	SWSW	03	6S	20E	Temporarily -Abandoned	Oil Well	Federal
4304732333	Federal 11-1-M	SWSW	11	6S	20E	Temporarily -Abandoned	Oil Well	Federal
4304739641	Ouray Vly St 36-11-5-19	NWNW	36	5S	19E	Shut-In	Oil Well	State
4304733833	Horseshoe Bend Fed 11-1	NWNE	11	7S	21E	Shut-In	Gas Well	Federal
4304731903	Federal 5-5-H	SENE	05	7S	21E	Shut-In	Oil Well	Federal
4304732709	Government 10-14	NWSE	14	6S	20E	Shut-In	Oil Well	Federal
4304731647	Federal 21-I-P	SESE	21	6S	21E	Shut-In	Gas Well	Federal
4304731693	Federal 4-1-D	NWNW	04	7S	21E	Shut-In	Oil Well	Federal
4304731634	Stirrup Federal 29-3	SESE	29	6S	21E	Shut-In	Oil Well	Federal
4304731623	Federal 33-4-D	NWNW	33	6S	21E	Shut-In	Oil Well	Federal
4304731508	Stirrup Federal 29-2	NWSE	29	6S	21E	Shut-In	Oil Well	Federal
4304730155	Govt 4-14	NWNW	14	6S	20E	Shut-In	Oil Well	Federal
4304715609	Wolf Govt Fed 1	NENE	05	7S	22E	Shut-In	Gas Well	Federal
4304751578	ULT 7-36-3-1E	SW NE	36	3S	1E	P&A	Oil Well	FEE

APD APPROVED; NOT SPUDDED

API	Well	Qtr/Qtr	Section	T	R	Well Status	Well Type	Mineral Lease
4304752214	Coleman Tribal 11-17-4-2E	NE SW	17	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752211	Deep Creek Tribal 5-17-4-2E	(Lot 5) SW NW	17	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752212	Coleman Tribal 9-17-4-2E	NE SE	17	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752213	Coleman Tribal 10-17-4-2E	NW SE	17	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752219	Coleman Tribal 13-17-4-2E	SW SW	17	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752215	Coleman Tribal 14-17-4-2E	SE SW	17	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752217	Coleman Tribal 16-17-4-2E	SE SE	17	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752210	Coleman Tribal 10-18-4-2E	NW SE	18	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752223	Deep Creek Tribal 3-5-4-2E	NE NW	5	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752222	Deep Creek Tribal 4-25-3-1E	NW NW	25	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752225	Deep Creek Tribal 4-5-4-2E	(Lot 4) NW NW	5	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752224	Deep Creek Tribal 5-5-4-2E	SW NW	5	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752226	Deep Creek Tribal 6-5-4-2E	SE NW	5	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752218	Coleman Tribal 16-18-4-2E	SW SE	18	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752033	Deep Creek 3-25-3-1E	NE NW	25	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752039	Senatore 12-25-3-1E	NW SW	25	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752412	Deep Creek 1-16-4-2E	NE NE	16	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752410	Deep Creek 13-9-4-2E	SW SW	9	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752411	Deep Creek 15-9-4-2E	SW SE	9	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752413	Deep Creek 3-16-4-2E	NE NW	16	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752409	Deep Creek 9-9-4-2E	NE SE	9	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752427	Bowers 5-6-4-2E	(Lot 5) SW NW	6	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752428	Bowers 6-6-4-2E	SE NW	6	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752430	Bowers 7-6-4-2E	SW NE	6	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE

4304752431	Bowers 8-6-4-2E	SE NE	6	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752422	Deep Creek 11-15-4-2E	NE SW	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752424	Deep Creek 13-15-4-2E	SW SW	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752425	Deep Creek 15-15-4-2E	SW SE	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752426	Deep Creek 16-15-4-2E	SE SE	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752416	Deep Creek 5-16-4-2E	SW NW	16	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752418	Deep Creek 7-16-4-2E	SW NE	16	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752414	Deep Creek 7-9-4-2E	SW NE	9	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752415	Deep Creek 11-9-4-2E	NE SW	9	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752423	ULT 13-5-4-2E	SW SW	5	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752417	ULT 14-5-4-2E	SE SW	5	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752123	ULT 12-34-3-1E	NW SW	34	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752124	ULT 3-34-3-1E	NE NW	34	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752125	ULT 10-34-3-1E	NW SE	34	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752043	ULT 10-36-3-1E	NW SE	36	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752044	ULT 12-36-3-1E	NW SW	36	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752042	ULT 3-36-3-1E	NE NW	36	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752048	ULT 6-35-3-1E	SE NW	35	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752045	ULT 8-35-3-1E	SE NE	35	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304~~752030~~ 52034	Deep Creek 10-25-3-1E	NW SE	25	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752032	Deep Creek 1-25-3-1E	NE NE	25	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751919	Deep Creek 14-23-3-1E	SE SW	23	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751921	Deep Creek 14-24-3-1E	SE SW	24	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751922	Deep Creek 15-24-3-1E	SW SE	24	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751923	Deep Creek 16-24-3-1E	SE SE	24	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751926	Deep Creek 6-25-3-1E	SE NW	25	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751930	Deep Creek 8-25-3-1E	SE NE	25	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751894	ULT 3-35-3-1E	NE NW	35	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751896	Marsh 11-35-3-1E	NE SW	35	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751893	ULT 2-35-3-1E	NW NE	35	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751899	ULT 4-35-3-1E	NW NW	35	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751892	Deep Creek 15-25-3-1E	SW SE	25	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751929	Deep Creek 9-25-3-1E	NE SE	25	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751933	ULT 11-36-3-1E	NE SW	36	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751932	ULT 11-6-4-2E	NE SW	6	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751890	ULT 13-25-3-1E	SW SW	25	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751934	ULT 13-6-4-2E	SW SW	6	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751928	ULT 15-6-4-2E	SW SE	6	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751931	ULT 8-36-3-1E	SE NE	36	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751916	ULT 9-6-4-2E	NE SE	6	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751927	Marsh 12-35-3-1E	NW SW	35	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304751935	ULT 1-35-3-1E	NE NE	35	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752451	Deep Creek 12-15-4-2E	NW SW	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752453	Deep Creek 12-32-3-2E	NW SW	32	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752452	Deep Creek 14-15-4-2E	SE SW	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752455	Deep Creek 14-32-3-2E	SE SW	32	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE

4304752445	Deep Creek 14-9-4-2E	SE SW	9	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752447	Deep Creek 16-9-4-2E	SE SE	9	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752446	Deep Creek 2-16-4-2E	NW NE	16	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752448	Deep Creek 4-16-4-2E	NW NW	16	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752449	Deep Creek 6-16-4-2E	SE NW	16	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752450	Deep Creek 8-16-4-2E	SE NE	16	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752438	Deep Creek 8-9-4-2E	SE NE	9	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752440	Deep Creek 12-9-4-2E	NW SW	9	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752206	Ute Tribal 11-16-4-2E	NE SW	16	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752197	Ute Tribal 11-4-4-2E	NE SW	4	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752207	Ute Tribal 13-16-4-2E	SW SW	16	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752198	Ute Tribal 13-4-4-2E	SW SW	4	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752201	Ute Tribal 14-10-4-2E	SE SW	10	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752199	Ute Tribal 14-4-4-2E	SE SW	4	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752208	Ute Tribal 15-16-4-2E	SW SE	16	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752195	Ute Tribal 15-32-3-2E	SW SE	32	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752196	Ute Tribal 16-5-4-2E	SE SE	5	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752202	Ute Tribal 2-15-4-2E	NW NE	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752200	Ute Tribal 4-9-4-2E	Lot 1 NW NW	9	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752203	Ute Tribal 7-15-4-2E	SW NE	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752204	Ute Tribal 8-15-4-2E	SE NE	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752463	ULT 11-34-3-1E	NE SW	34	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752464	ULT 13-34-3-1E	SW SW	34	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752465	ULT 14-34-3-1E	SE SW	34	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752466	ULT 15-34-3-1E	SW SE	34	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752462	ULT 9-34-3-1E	NE SE	34	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752205	Ute Tribal 9-16-4-2E	NE SE	16	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752439	Deep Creek 10-9-4-2E	NW SE	9	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752216	Coleman Tribal 15X-18D-4-2E	SW SE	18	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752888	Womack 4-7-3-1E	NW NW	7	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752893	Kendall 12-7-3-1E	NW SW	7	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752911	Kendall 13-7-3-1E	SW SW	7	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752900	Kendall 15-7-3-1E	SW SE	7	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752887	Womack 5-8-3-1E	SW NW	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752880	Womack 7-8-3-1E	SW NE	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752901	Kendall 9-8-3-1E	NE SE	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752894	Kendall 11-8-3-1E	NE SW	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752897	Kendall 13-8-3-1E	SW SW	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752898	Kendall 16-8-3-1E	SE SE	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752892	Kendall 5-9-3-1E	SW NW	9	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752899	Kendall 6-9-3-1E	SE NW	9	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752896	Kendall 7-9-3-1E	SW NE	9	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752882	Womack 11-9-3-1E	NE SW	9	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752884	Womack 13-9-3-1E	SW SW	9	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752885	Womack 3-16-3-1E	NE NW	16	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752886	Womack 4-16-3-1E	NW NW	16	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE

4304752889	Womack 5-16-3-1E	SW NW	16	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752890	Womack 6-16-3-1E	SE NW	16	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752895	Kendall 4-17-3-1E	NW NW	17	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752891	Kendall 5-17-3-1E	SW NW	17	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752883	Kendall 11-17-3-1E	NE SW	17	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752881	Kendall 13-17-3-1E	SW SW	17	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752966	Merritt 2-18-3-1E	NW NE	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752967	Merritt 3-18-3-1E	NE NW	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752992	Merritt 7-18-3-1E	SW NE	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752508	Gusher Fed 11-1-6-20E	NE SW	1	6S	20E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752503	Gusher Fed 1-11-6-20E	NE NE	11	6S	20E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752504	Gusher Fed 11-22-6-20E	NE SW	22	6S	20E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752507	Gusher Fed 12-15-6-20E	NW SW	15	6S	20E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752509	Gusher Fed 1-27-6-20E	NE NE	27	6S	20E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752511	Gusher Fed 1-28-6-20E	NE NE	28	6S	20E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752497	Gusher Fed 14-3-6-20E	SE SW	3	6S	20E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752506	Gusher Fed 16-26-6-20E	SE SE	26	6S	20E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752505	Gusher Fed 3-21-6-20E	NE NW	21	6S	20E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752500	Gusher Fed 6-25-6-20E	SE NW	25	6S	20E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752501	Gusher Fed 8-25-6-20E	SE NE	25	6S	20E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752510	Gusher Fed 9-27-6-20E	NE SE	27	6S	20E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752499	Gusher Fed 9-3-6-20E	NW SE	3	6S	20E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752502	Horseshoe Bend Fed 11-29-6-21E	NE SW	29	6S	21E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752498	Horseshoe Bend Fed 14-28-6-21E	SE SW	28	6S	21E	Approved Permit (APD); not yet spudded	Oil Well	Federal
4304752472	Coleman Tribal 2-7-4-2E	NW NE	7	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752473	Coleman Tribal 4-7-4-2E	NW NW	7	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752474	Coleman Tribal 6-7-4-2E	SE NW	7	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752475	Coleman Tribal 8-7-4-2E	SE NE	7	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752480	Coleman Tribal 2-8-4-2E	NW NE	8	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752481	Coleman Tribal 4-8-4-2E	NW NW	8	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752484	Coleman Tribal 6-8-4-2E	SE NW	8	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752485	Coleman Tribal 8-8-4-2E	SE NE	8	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752483	Deep Creek Tribal 12-8-4-2E	NW SW	8	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752476	Deep Creek Tribal 10-7-4-2E	NW SE	7	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752477	Deep Creek Tribal 12-7-4-2E	NW SW	7	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752478	Deep Creek Tribal 14-7-4-2E	SE SW	7	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752479	Deep Creek Tribal 16-7-4-2E	SE SE	7	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752487	Deep Creek Tribal 10-8-4-2E	NW SE	8	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752482	Deep Creek Tribal 14-8-4-2E	SE SW	8	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304752486	Deep Creek Tribal 16-8-4-2E	SE SE	8	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304~~752967~~52976	Deep Creek 11-19-3-2E	NE SW	19	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752978	Deep Creek 12-19-3-2E	Lot 3 (NW SW)	19	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752979	Deep Creek 13-19-3-2E	Lot 4 (SW SW)	19	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752969	Deep Creek 14-19-3-2E	SE SW	19	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752968	Deep Creek 11-20-3-2E	NE SW	20	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752973	Deep Creek 13-20-3-2E	SW SW	20	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE

4304752987	Gavitte 15-23-3-1E	SW SE	23	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752964	ULT 3-29-3-2E	NE NW	29	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752962	ULT 4-29-3-2E	NW NW	29	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752961	ULT 5-29-3-2E	SW NW	29	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752955	ULT 6-29-3-2E	NE NW	29	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752983	Deep Creek 10-29-3-2E	NW SE	29	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752959	ULT 11-29-3-2E	NE SW	29	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752960	ULT 13-29-3-2E	SW SW	29	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752963	ULT 14-29-3-2E	Lot 2 (SE SW)	29	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752975	Deep Creek 15-29-3-2E	SW SE	29	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752974	Deep Creek 16-29-3-2E	SE SE	29	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752972	Deep Creek 1-30-3-2E	NE NE	30	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752970	Deep Creek 5-30-3-2E	Lot 2 (SW NW)	30	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752971	Deep Creek 11-30-3-2E	NE SW	30	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752988	Knight 13-30-3-2E	Lot 4 (SW SW)	30	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752989	Knight 15-30-3-2E	SW SE	30	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752981	Deep Creek 1-31-3-2E	NE NE	31	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752954	ULT 3-31-3-2E	NE NW	31	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752956	ULT 5-31-3-2E	Lot 2 (SW NW)	31	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752984	Deep Creek 7-31-3-2E	SW NE	31	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752957	ULT 11-31-3-2E	NE SW	31	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752958	ULT 13-31-3-2E	Lot 4 (SW SW)	31	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752986	Ute Energy 15-31-3-2E	SW SE	31	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752985	Ute Energy 16-31-3-2E	SE SE	31	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752980	Deep Creek 12-20-3-2E	NW SW	20	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752977	Deep Creek 14-20-3-2E	SE SW	20	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304752982	Deep Creek 3-30-3-2E	NE NW	30	3S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753018	Deep Creek 9-15-4-2E	NE SE	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753019	Deep Creek 10-15-4-2E	NW SE	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753014	Lamb 3-15-4-2E	NE NW	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753015	Lamb 4-15-4-2E	NW NW	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753016	Lamb 5-15-4-2E	SW NW	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753017	Lamb 6-15-4-2E	SE NW	15	4S	2E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753089	Womack 1-7-3-1E	NE NE	7	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753093	Womack 2-7-3-1E	NW NE	7	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753094	Womack 3-7-3-1E	NE NW	7	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753088	Kendall 14-7-3-1E	SE SW	7	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753104	Womack 1-8-3-1E	NE NE	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753105	Womack 2-8-3-1E	NW NE	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753106	Womack 3-8-3-1E	NE NW	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753107	Womack 4-8-3-1E	NW NW	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753108	Womack 6-8-3-1E	SE NW	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753109	Womack 8-8-3-1E	SE NE	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753110	Kendall 10-8-3-1E	NW SE	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753111	Kendall 12-8-3-1E	NW SW	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753112	Kendall 14-8-3-1E	SE SW	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE

4304753115	Kendall 15-8-3-1E	SW SE	8	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753114	Kendall 2-9-3-1E	NW NE	9	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753100	Kendall 12-9-3-1E	NW SW	9	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753116	Kettle 3-10-3-1E	NE NW	10	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753117	Kettle 6-10-3-1E	SE NW	10	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753118	Kettle 11-10-3-1E	NE SW	10	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753119	Kettle 12-10-3-1E	NW SW	10	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753099	Kendall 3-17-3-1E	NE NW	17	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753098	Kendall 6-17-3-1E	SE NW	17	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753101	Kendall 12-17-3-1E	NW SW	17	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753120	Kendall 14-17-3-1E	NE SW	17	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753097	Kendall 1-18-3-1E	NE NE	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753096	Kendall 8-18-3-1E	SE NE	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753095	Kendall 9-18-3-1E	NE SE	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753091	Kendall 10-18-3-1E	NW SE	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753090	Kendall 15-18-3-1E	SW SE	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753092	Kendall 16-18-3-1E	SE SE	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	FEE
4304753146	Kendall Tribal 9-7-3-1E	NE SE	7	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304753147	Kendall Tribal 10-7-3-1E	NW SE	7	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304753153	Kendall Tribal 11-7-3-1E	NE SW	7	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304753152	Kendall Tribal 16-7-3-1E	SE SE	7	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304753151	Kendall Tribal 4-18-3-1E	NW NW	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304753150	Kendall Tribal 5-18-3-1E	SW NW	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304753149	Kendall Tribal 11-18-3-1E	NE SW	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304753148	Kendall Tribal 12-18-3-1E	NW SW	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304753145	Kendall Tribal 13-18-3-1E	SW SW	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304753142	Kendall Tribal 14-18-3-1E	SE SW	18	3S	1E	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304753144	Kendall Tribal 1-13-3-1W	NE NE	13	3S	1W	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304753143	Kendall Tribal 9-13-3-1W	NE SE	13	3S	1W	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304753144	Kendall Tribal 1-13-3-1W	NE NE	13	3S	1W	Approved Permit (APD); not yet spudded	Oil Well	BIA
4304753143	Kendall Tribal 9-13-3-1W	NE SE	13	3S	1W	Approved Permit (APD); not yet spudded	Oil Well	BIA

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached

7. UNIT or CA AGREEMENT NAME: See attached

8. WELL NAME and NUMBER: See attached

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT: See attached

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

2. NAME OF OPERATOR: Ute Energy Upstream Holdings LLC

3. ADDRESS OF OPERATOR: 1875 Lawrence St, Suite 200 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (720) 420-3200

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 2/1/2013	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: APD transfer
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Ute Energy Upstream Holdings LLC requests to transfer 237 APDs to Crescent Point Energy U.S. Corp. Please see attached Request to Transfer Application of Permit to Drill and APD list.

RECEIVED
FEB 01 2013
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Lori Browne TITLE Regulatory Specialist

SIGNATURE Lori Browne DATE 1/30/2013

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	See attached for all well and permit info
API number:	
Location:	Qtr-Qtr: Section: Township: Range:
Company that filed original application:	Ute Energy Upstream Holdings LLC
Date original permit was issued:	
Company that permit was issued to:	Ute Energy Upstream Holdings LLC

Check one	Desired Action:
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
✓	**Transfer approved Application for Permit to Drill to new operator**
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		✓
If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. LPM9080271	✓	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Anthony Baldwin Title TREASURER.

Signature Date JANUARY 30, 2013

Representing (company name) Crescent Point Energy U.S. Corp.

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

Ute Energy Upstream Holding, LLC (N3730) to Crescent Point Energy U.S. Corp (N3935)
Effective 11/30/2012

Well Name	SECTION	TWN	RNG	API Number	Entity	Lesase Type	Well Type	Well Status
ULT 13-25-3-1E	25	030S	010E	4304751890		Fee	OW	APD
DEEP CREEK 15-25-3-1E	25	030S	010E	4304751892		Fee	OW	APD
ULT 2-35-3-1E	35	030S	010E	4304751893		Fee	OW	APD
ULT 3-35-3-1E	35	030S	010E	4304751894		Fee	OW	APD
MARSH 11-35-3-1E	35	030S	010E	4304751896		Fee	OW	APD
ULT 4-35-3-1E	35	030S	010E	4304751899		Fee	OW	APD
ULT 9-6-4-2E	06	040S	020E	4304751916		Fee	OW	APD
DEEP CREEK 14-23-3-1E	23	030S	010E	4304751919		Fee	OW	APD
DEEP CREEK 14-24-3-1E	24	030S	010E	4304751921		Fee	OW	APD
DEEP CREEK 15-24-3-1E	24	030S	010E	4304751922		Fee	OW	APD
DEEP CREEK 16-24-3-1E	24	030S	010E	4304751923		Fee	OW	APD
DEEP CREEK 6-25-3-1E	25	030S	010E	4304751926		Fee	OW	APD
MARSH 12-35-3-1E	35	030S	010E	4304751927		Fee	OW	APD
ULT 15-6-4-2E	06	040S	020E	4304751928		Fee	OW	APD
DEEP CREEK 9-25-3-1E	25	030S	010E	4304751929		Fee	OW	APD
DEEP CREEK 8-25-3-1E	25	030S	010E	4304751930		Fee	OW	APD
ULT 8-36-3-1E	36	030S	010E	4304751931		Fee	OW	APD
ULT 11-6-4-2E	06	040S	020E	4304751932		Fee	OW	APD
ULT 11-36-3-1E	36	030S	010E	4304751933		Fee	OW	APD
ULT 13-6-4-2E	06	040S	020E	4304751934		Fee	OW	APD
ULT 1-35-3-1E	35	030S	010E	4304751935		Fee	OW	APD
DEEP CREEK 1-25-3-1E	25	030S	010E	4304752032		Fee	OW	APD
DEEP CREEK 3-25-3-1E	25	030S	010E	4304752033		Fee	OW	APD
DEEP CREEK 10-25-3-1E	25	030S	010E	4304752034		Fee	OW	APD
SENATORE 12-25-3-1E	25	030S	010E	4304752039		Fee	OW	APD
ULT 3-36-3-1E	36	030S	010E	4304752042		Fee	OW	APD
ULT 10-36-3-1E	36	030S	010E	4304752043		Fee	OW	APD
ULT 12-36-3-1E	36	030S	010E	4304752044		Fee	OW	APD
ULT 8-35-3-1E	35	030S	010E	4304752045		Fee	OW	APD
ULT 6-35-3-1E	35	030S	010E	4304752048		Fee	OW	APD
ULT 12-34-3-1E	34	030S	010E	4304752123		Fee	OW	APD
ULT 10-34-3-1E	34	030S	010E	4304752125		Fee	OW	APD
UTE TRIBAL 15-32-3-2E	32	030S	020E	4304752195		Indian	OW	APD
UTE TRIBAL 16-5-4-2E	05	040S	020E	4304752196		Indian	OW	APD
UTE TRIBAL 11-4-4-2E	04	040S	020E	4304752197		Indian	OW	APD
UTE TRIBAL 13-4-4-2E	04	040S	020E	4304752198		Indian	OW	APD
UTE TRIBAL 14-4-4-2E	04	040S	020E	4304752199		Indian	OW	APD
UTE TRIBAL 4-9-4-2E	09	040S	020E	4304752200		Indian	OW	APD
UTE TRIBAL 14-10-4-2E	10	040S	020E	4304752201		Indian	OW	APD
UTE TRIBAL 2-15-4-2E	15	040S	020E	4304752202		Indian	OW	APD
UTE TRIBAL 7-15-4-2E	15	040S	020E	4304752203		Indian	OW	APD
UTE TRIBAL 8-15-4-2E	15	040S	020E	4304752204		Indian	OW	APD
UTE TRIBAL 9-16-4-2E	16	040S	020E	4304752205		Indian	OW	APD
UTE TRIBAL 11-16-4-2E	16	040S	020E	4304752206		Indian	OW	APD
UTE TRIBAL 13-16-4-2E	16	040S	020E	4304752207		Indian	OW	APD
UTE TRIBAL 15-16-4-2E	16	040S	020E	4304752208		Indian	OW	APD
COLEMAN TRIBAL 10-18-4-2E	18	040S	020E	4304752210		Indian	OW	APD
DEEP CREEK TRIBAL 5-17-4-2E	17	040S	020E	4304752211		Indian	OW	APD
COLEMAN TRIBAL 9-17-4-2E	17	040S	020E	4304752212		Indian	OW	APD
COLEMAN TRIBAL 10-17-4-2E	17	040S	020E	4304752213		Indian	OW	APD
COLEMAN TRIBAL 11-17-4-2E	17	040S	020E	4304752214		Indian	OW	APD
COLEMAN TRIBAL 14-17-4-2E	17	040S	020E	4304752215		Indian	OW	APD
COLEMAN TRIBAL 15X-18D-4-2E	18	040S	020E	4304752216		Indian	OW	APD
COLEMAN TRIBAL 16-17-4-2E	17	040S	020E	4304752217		Indian	OW	APD
COLEMAN TRIBAL 16-18-4-2E	18	040S	020E	4304752218		Indian	OW	APD
COLEMAN TRIBAL 13-17-4-2E	17	040S	020E	4304752219		Indian	OW	APD
DEEP CREEK TRIBAL 4-25-3-1E	25	030S	010E	4304752222		Indian	OW	APD
DEEP CREEK TRIBAL 3-5-4-2E	05	040S	020E	4304752223		Indian	OW	APD
DEEP CREEK TRIBAL 5-5-4-2E	05	040S	020E	4304752224		Indian	OW	APD
DEEP CREEK TRIBAL 4-5-4-2E	05	040S	020E	4304752225		Indian	OW	APD
DEEP CREEK TRIBAL 6-5-4-2E	05	040S	020E	4304752226		Indian	OW	APD
DEEP CREEK 9-9-4-2E	09	040S	020E	4304752409		Fee	OW	APD
DEEP CREEK 13-9-4-2E	09	040S	020E	4304752410		Fee	OW	APD
DEEP CREEK 15-9-4-2E	09	040S	020E	4304752411		Fee	OW	APD

Ute Energy Upstream Holding, LLC (N3730) to Crescent Point Energy U.S. Corp (N3935)
Effective 11/30/2012

Well Name	SECTION	TWN	RNG	API Number	Entity	Lesase Type	Well Type	Well Status
DEEP CREEK 1-16-4-2E	16	040S	020E	4304752412		Fee	OW	APD
DEEP CREEK 3-16-4-2E	16	040S	020E	4304752413		Fee	OW	APD
DEEP CREEK 7-9-4-2E	09	040S	020E	4304752414		Fee	OW	APD
DEEP CREEK 11-9-4-2E	09	040S	020E	4304752415		Fee	OW	APD
DEEP CREEK 5-16-4-2E	16	040S	020E	4304752416		Fee	OW	APD
ULT 14-5-4-2E	05	040S	020E	4304752417		Fee	OW	APD
DEEP CREEK 7-16-4-2E	16	040S	020E	4304752418		Fee	OW	APD
DEEP CREEK 11-15-4-2E	15	040S	020E	4304752422		Fee	OW	APD
ULT 13-5-4-2E	05	040S	020E	4304752423		Fee	OW	APD
DEEP CREEK 13-15-4-2E	15	040S	020E	4304752424		Fee	OW	APD
DEEP CREEK 15-15-4-2E	15	040S	020E	4304752425		Fee	OW	APD
DEEP CREEK 16-15-4-2E	15	040S	020E	4304752426		Fee	OW	APD
BOWERS 5-6-4-2E	06	040S	020E	4304752427		Fee	OW	APD
BOWERS 6-6-4-2E	06	040S	020E	4304752428		Fee	OW	APD
BOWERS 7-6-4-2E	06	040S	020E	4304752430		Fee	OW	APD
BOWERS 8-6-4-2E	06	040S	020E	4304752431		Fee	OW	APD
DEEP CREEK 8-9-4-2E	09	040S	020E	4304752438		Fee	OW	APD
DEEP CREEK 10-9-4-2E	09	040S	020E	4304752439		Fee	OW	APD
DEEP CREEK 12-9-4-2E	09	040S	020E	4304752440		Fee	OW	APD
DEEP CREEK 14-9-4-2E	09	040S	020E	4304752445		Fee	OW	APD
DEEP CREEK 2-16-4-2E	16	040S	020E	4304752446		Fee	OW	APD
DEEP CREEK 16-9-4-2E	09	040S	020E	4304752447		Fee	OW	APD
DEEP CREEK 4-16-4-2E	16	040S	020E	4304752448		Fee	OW	APD
DEEP CREEK 6-16-4-2E	16	040S	020E	4304752449		Fee	OW	APD
DEEP CREEK 8-16-4-2E	16	040S	020E	4304752450		Fee	OW	APD
DEEP CREEK 12-15-4-2E	15	040S	020E	4304752451		Fee	OW	APD
DEEP CREEK 14-15-4-2E	15	040S	020E	4304752452		Fee	OW	APD
DEEP CREEK 12-32-3-2E	32	030S	020E	4304752453		Fee	OW	APD
DEEP CREEK 14-32-3-2E	32	030S	020E	4304752455		Fee	OW	APD
ULT 9-34-3-1E	34	030S	010E	4304752462		Fee	OW	APD
ULT 11-34-3-1E	34	030S	010E	4304752463		Fee	OW	APD
ULT 13-34-3-1E	34	030S	010E	4304752464		Fee	OW	APD
ULT 14-34-3-1E	34	030S	010E	4304752465		Fee	OW	APD
ULT 15-34-3-1E	34	030S	010E	4304752466		Fee	OW	APD
COLEMAN TRIBAL 2-7-4-2E	07	040S	020E	4304752472		Indian	OW	APD
COLEMAN TRIBAL 4-7-4-2E	07	040S	020E	4304752473		Indian	OW	APD
COLEMAN TRIBAL 6-7-4-2E	07	040S	020E	4304752474		Indian	OW	APD
COLEMAN TRIBAL 8-7-4-2E	07	040S	020E	4304752475		Indian	OW	APD
DEEP CREEK TRIBAL 10-7-4-2E	07	040S	020E	4304752476		Indian	OW	APD
DEEP CREEK TRIBAL 12-7-4-2E	07	040S	020E	4304752477		Indian	OW	APD
DEEP CREEK TRIBAL 14-7-4-2E	07	040S	020E	4304752478		Indian	OW	APD
DEEP CREEK TRIBAL 16-7-4-2E	07	040S	020E	4304752479		Indian	OW	APD
COLEMAN TRIBAL 2-8-4-2E	08	040S	020E	4304752480		Indian	OW	APD
COLEMAN TRIBAL 4-8-4-2E	08	040S	020E	4304752481		Indian	OW	APD
DEEP CREEK TRIBAL 14-8-4-2E	08	040S	020E	4304752482		Indian	OW	APD
DEEP CREEK TRIBAL 12-8-4-2E	08	040S	020E	4304752483		Indian	OW	APD
COLEMAN TRIBAL 6-8-4-2E	08	040S	020E	4304752484		Indian	OW	APD
COLEMAN TRIBAL 8-8-4-2E	08	040S	020E	4304752485		Indian	OW	APD
DEEP CREEK TRIBAL 16-8-4-2E	08	040S	020E	4304752486		Indian	OW	APD
DEEP CREEK TRIBAL 10-8-4-2E	08	040S	020E	4304752487		Indian	OW	APD
GUSHER FED 14-3-6-20E	03	060S	200E	4304752497		Federal	OW	APD
HORSESHOE BEND FED 14-28-6-21E	28	060S	210E	4304752498		Federal	OW	APD
GUSHER FED 9-3-6-20E	03	060S	200E	4304752499		Federal	OW	APD
GUSHER FED 6-25-6-20E	25	060S	200E	4304752500		Federal	OW	APD
GUSHER FED 8-25-6-20E	25	060S	200E	4304752501		Federal	OW	APD
HORSESHOE BEND FED 11-29-6-21E	29	060S	210E	4304752502		Federal	OW	APD
GUSHER FED 1-11-6-20E	11	060S	200E	4304752503		Federal	OW	APD
GUSHER FED 11-22-6-20E	22	060S	200E	4304752504		Federal	OW	APD
GUSHER FED 3-21-6-20E	21	060S	200E	4304752505		Federal	OW	APD
GUSHER FED 16-26-6-20E	26	060S	200E	4304752506		Federal	OW	APD
GUSHER FED 12-15-6-20E	15	060S	200E	4304752507		Federal	OW	APD
GUSHER FED 11-1-6-20E	01	060S	200E	4304752508		Federal	OW	APD
GUSHER FED 1-27-6-20E	27	060S	200E	4304752509		Federal	OW	APD
GUSHER FED 9-27-6-20E	27	060S	200E	4304752510		Federal	OW	APD

Well Name	SECTION	TWN	RNG	API Number	Entity	Lesase Type	Well Type	Well Status
GUSHER FED 1-28-6-20E	28	060S	200E	4304752511		Federal	OW	APD
WOMACK 7-8-3-1E	08	030S	010E	4304752880		Fee	OW	APD
Kendall 13-17-3-1E	17	030S	010E	4304752881		Fee	OW	APD
WOMACK 11-9-3-1E	09	030S	010E	4304752882		Fee	OW	APD
Kendall 11-17-3-1E	17	030S	010E	4304752883		Fee	OW	APD
WOMACK 13-9-3-1E	09	030S	010E	4304752884		Fee	OW	APD
WOMACK 3-16-3-1E	16	030S	010E	4304752885		Fee	OW	APD
WOMACK 4-16-3-1E	16	030S	010E	4304752886		Fee	OW	APD
WOMACK 5-8-3-1E	08	030S	010E	4304752887		Fee	OW	APD
Womack 4-7-3-1E	07	030S	010E	4304752888		Fee	OW	APD
WOMACK 5-16-3-1E	16	030S	010E	4304752889		Fee	OW	APD
WOMACK 6-16-3-1E	16	030S	010E	4304752890		Fee	OW	APD
Kendall 5-17-3-1E	17	030S	010E	4304752891		Fee	OW	APD
Kendall 5-9-3-1E	09	030S	010E	4304752892		Fee	OW	APD
KENDALL 12-7-3-1E	07	030S	010E	4304752893		Fee	OW	APD
Kendall 11-8-3-1E	08	030S	010E	4304752894		Fee	OW	APD
Kendall 4-17-3-1E	17	030S	010E	4304752895		Fee	OW	APD
Kendall 7-9-3-1E	09	030S	010E	4304752896		Fee	OW	APD
Kendall 13-8-3-1E	08	030S	010E	4304752897		Fee	OW	APD
Kendall 16-8-3-1E	08	030S	010E	4304752898		Fee	OW	APD
Kendall 6-9-3-1E	09	030S	010E	4304752899		Fee	OW	APD
KENDALL 15-7-3-1E	07	030S	010E	4304752900		Fee	OW	APD
KENDALL 9-8-3-1E	08	030S	010E	4304752901		Fee	OW	APD
KENDALL 13-7-3-1E	07	030S	010E	4304752911		Fee	OW	APD
ULT 3-31-3-2E	31	030S	020E	4304752954		Fee	OW	APD
ULT 6-29-3-2E	29	030S	020E	4304752955		Fee	OW	APD
ULT 5-31-3-2E	31	030S	020E	4304752956		Fee	OW	APD
ULT 11-31-3-2E	31	030S	020E	4304752957		Fee	OW	APD
ULT 13-31-3-2E	31	030S	020E	4304752958		Fee	OW	APD
ULT 11-29-3-2E	29	030S	020E	4304752959		Fee	OW	APD
ULT 13-29-3-2E	29	030S	020E	4304752960		Fee	OW	APD
ULT 5-29-3-2E	29	030S	020E	4304752961		Fee	OW	APD
ULT 4-29-3-2E	29	030S	020E	4304752962		Fee	OW	APD
ULT 14-29-3-2E	29	030S	020E	4304752963		Fee	OW	APD
ULT 3-29-3-2E	29	030S	020E	4304752964		Fee	OW	APD
MERRITT 2-18-3-1E	18	030S	010E	4304752966		Fee	OW	APD
MERRITT 3-18-3-1E	18	030S	010E	4304752967		Fee	OW	APD
DEEP CREEK 11-20-3-2	20	030S	020E	4304752968		Fee	OW	APD
DEEP CREEK 14-19-3-2E	19	030S	020E	4304752969		Fee	OW	APD
DEEP CREEK 5-30-3-2E	30	030S	020E	4304752970		Fee	OW	APD
DEEP CREEK 11-30-3-2E	30	030S	020E	4304752971		Fee	OW	APD
DEEP CREEK 1-30-3-2E	30	030S	020E	4304752972		Fee	OW	APD
DEEP CREEK 13-20-3-2E	20	030S	020E	4304752973		Fee	OW	APD
DEEP CREEK 16-29-3-2E	29	030S	020E	4304752974		Fee	OW	APD
DEEP CREEK 15-29-3-2E	29	030S	020E	4304752975		Fee	OW	APD
DEEP CREEK 11-19-3-2E	19	030S	020E	4304752976		Fee	OW	APD
DEEP CREEK 14-20-3-2E	20	030S	020E	4304752977		Fee	OW	APD
DEEP CREEK 12-19-3-2E	19	030S	020E	4304752978		Fee	OW	APD
DEEP CREEK 13-19-3-2E	19	030S	020E	4304752979		Fee	OW	APD
DEEP CREEK 12-20-3-2E	20	030S	020E	4304752980		Fee	OW	APD
DEEP CREEK 1-31-3-2E	31	030S	020E	4304752981		Fee	OW	APD
DEEP CREEK 3-30-3-2E	30	030S	020E	4304752982		Fee	OW	APD
DEEP CREEK 10-29-3-2E	29	030S	020E	4304752983		Fee	OW	APD
DEEP CREEK 7-31-3-2E	31	030S	020E	4304752984		Fee	OW	APD
UTE ENERGY 16-31-3-2E	31	030S	020E	4304752985		Fee	OW	APD
UTE ENERGY 15-31-3-2E	31	030S	020E	4304752986		Fee	OW	APD
GAVITTE 15-23-3-1E	23	030S	010E	4304752987		Fee	OW	APD
KNIGHT 13-30-3-2E	30	030S	020E	4304752988		Fee	OW	APD
KNIGHT 15-30-3-2E	30	030S	020E	4304752989		Fee	OW	APD
MERRITT 7-18-3-1E	18	030S	010E	4304752992		Fee	OW	APD
LAMB 3-15-4-2E	15	040S	020E	4304753014		Fee	OW	APD
LAMB 4-15-4-2E	15	040S	020E	4304753015		Fee	OW	APD
LAMB 5-15-4-2E	15	040S	020E	4304753016		Fee	OW	APD
LAMB 6-15-4-2E	15	040S	020E	4304753017		Fee	OW	APD

Well Name	SECTION	TWN	RNG	API Number	Entity	Lesase Type	Well Type	Well Status
DEEP CREEK 9-15-4-2E	15	040S	020E	4304753018		Fee	OW	APD
DEEP CREEK 10-15-4-2E	15	040S	020E	4304753019		Fee	OW	APD
KENDALL 14-7-3-1E	07	030S	010E	4304753088		Fee	OW	APD
WOMACK 1-7-3-1E	07	030S	010E	4304753089		Fee	OW	APD
KENDALL 15-18-3-1E	18	030S	010E	4304753090		Fee	OW	APD
KENDALL 10-18-3-1E	18	030S	010E	4304753091		Fee	OW	APD
KENDALL 16-18-3-1E	18	030S	010E	4304753092		Fee	OW	APD
WOMACK 2-7-3-1E	07	030S	010E	4304753093		Fee	OW	APD
WOMACK 3-7-3-1E	07	030S	010E	4304753094		Fee	OW	APD
KENDALL 9-18-3-1E	18	030S	010E	4304753095		Fee	OW	APD
KENDALL 8-18-3-1E	18	030S	010E	4304753096		Fee	OW	APD
KENDALL 1-18-3-1E	18	030S	010E	4304753097		Fee	OW	APD
KENDALL 6-17-3-1E	17	030S	010E	4304753098		Fee	OW	APD
KENDALL 3-17-3-1E	17	030S	010E	4304753099		Fee	OW	APD
KENDALL 12-9-3-1E	09	030S	010E	4304753100		Fee	OW	APD
KENDALL 12-17-3-1E	17	030S	010E	4304753101		Fee	OW	APD
WOMACK 1-8-3-1E	08	030S	010E	4304753104		Fee	OW	APD
WOMACK 2-8-3-1E	08	030S	010E	4304753105		Fee	OW	APD
WOMACK 3-8-3-1E	08	030S	010E	4304753106		Fee	OW	APD
WOMACK 4-8-3-1E	08	030S	010E	4304753107		Fee	OW	APD
WOMACK 6-8-3-1E	08	030S	010E	4304753108		Fee	OW	APD
WOMACK 8-8-3-1E	08	030S	010E	4304753109		Fee	OW	APD
KENDALL 10-8-3-1E	08	030S	010E	4304753110		Fee	OW	APD
KENDALL 12-8-3-1E	08	030S	010E	4304753111		Fee	OW	APD
KENDALL 14-8-3-1E	08	030S	010E	4304753112		Fee	OW	APD
KENDALL 2-9-3-1E	09	030S	010E	4304753114		Fee	OW	APD
KENDALL 15-8-3-1E	08	030S	010E	4304753115		Fee	OW	APD
KETTLE 3-10-3-1E	10	030S	010E	4304753116		Fee	OW	APD
KETTLE 6-10-3-1E	10	030S	010E	4304753117		Fee	OW	APD
KETTLE 11-10-3-1E	10	030S	010E	4304753118		Fee	OW	APD
KETTLE 12-10-3-1E	10	030S	010E	4304753119		Fee	OW	APD
KENDALL 14-17-3-1E	17	030S	010E	4304753120		Fee	OW	APD
KENDALL TRIBAL 14-18-3-1E	18	030S	010E	4304753142		Indian	OW	APD
KENDALL TRIBAL 9-13-3-1W	13	030S	010W	4304753143		Indian	OW	APD
KENDALL TRIBAL 1-13-3-1W	13	030S	010W	4304753144		Indian	OW	APD
KENDALL TRIBAL 13-18-3-1E	18	030S	010E	4304753145		Indian	OW	APD
KENDALL TRIBAL 9-7-3-1E	07	030S	010E	4304753146		Indian	OW	APD
KENDALL TRIBAL 10-7-3-1E	07	030S	010E	4304753147		Indian	OW	APD
KENDALL TRIBAL 12-18-3-1E	18	030S	010E	4304753148		Indian	OW	APD
KENDALL TRIBAL 11-18-3-1E	18	030S	010E	4304753149		Indian	OW	APD
KENDALL TRIBAL 5-18-3-1E	18	030S	010E	4304753150		Indian	OW	APD
KENDALL TRIBAL 4-18-3-1E	18	030S	010E	4304753151		Indian	OW	APD
KENDALL TRIBAL 16-7-3-1E	07	030S	010E	4304753152		Indian	OW	APD
KENDALL TRIBAL 11-7-3-1E	07	030S	010E	4304753153		Indian	OW	APD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
KENDALL 2-9-3-1E

2. NAME OF OPERATOR:
CRESCENT POINT ENERGY U.S. CORP

9. API NUMBER:
43047531140000

3. ADDRESS OF OPERATOR:
555 17th Street, Suite 750 , Denver, CO, 80202

PHONE NUMBER:
720 880-3621 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1304 FNL 2265 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 09 Township: 03.0S Range: 01.0E Meridian: U

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT
  Approximate date work will start:
- ☐ SUBSEQUENT REPORT
  Date of Work Completion:
- ✓ SPUD REPORT
  Date of Spud:
  3/22/2013
- ☐ DRILLING REPORT
  Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescent Point Energy U.S. Corp spud the Kenall 2-9-3-1E on March 22, 2013 at 3:00am with Pete Martine Drilling Rig #7.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
March 25, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lori Browne	720 420-3246	Regulatory Specialist

SIGNATURE	DATE
N/A	3/25/2013

RECEIVED: Mar. 25, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Crescent Point Energy U.S. Corp
Address: 555 17th Street, Suite 750
city Denver
state CO zip 80202

Operator Account Number: N 3935

Phone Number: (720) 880-3610

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304753094	Womack 3-7-3-1E		NENW	7	3S	1E	Uintah
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	18976	3/22/2013			3/28/13	
Comments: CONFIDENTIAL							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304753114	Kendall 2-9-3-1E		NWNE	9	3S	1E	Uintah
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	18978	3/22/2013			3/28/13	
Comments: CONFIDENTIAL							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Lori Browne
Name (Please Print)

Lori Browne
Signature

Sr. Regulatory Specialist
Title

3/25/2013
Date

RECEIVED
MAR 25 2013
Div. of Oil, Gas & Mining

(5/2000)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
KENDALL STATE 14-4-3-1E-WS

2. NAME OF OPERATOR:
CRESCENT POINT ENERGY U.S. CORP

9. API NUMBER:
43047531140000

3. ADDRESS OF OPERATOR:
555 17th Street, Suite 750 , Denver, CO, 80202

PHONE NUMBER:
720 880-3621 Ext

9. FIELD and POOL or WILDCAT:
INDEPENDENCE

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1306 FNL 2306 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 09 Township: 03.0S Range: 01.0E Meridian: U

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/28/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	✓ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

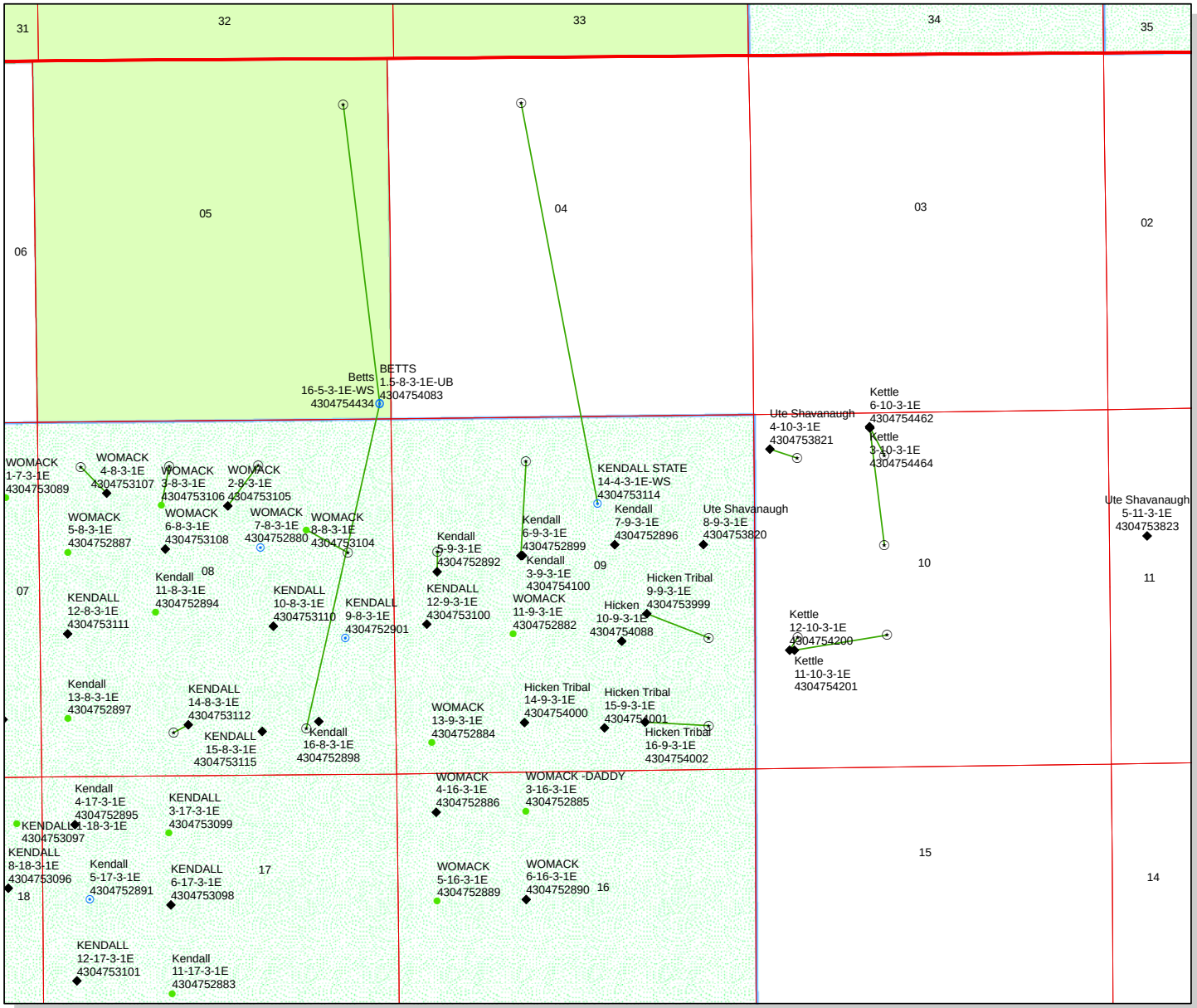
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescent Point Energy requests that the Kendall 2-9-3-1E be changed from a vertical well to a 640 horizontal lateral well and that the well name be changed to Kendall State 14-4-3-1E-WS. The TVD will change from 10,212' to 9,247' and the MD will change from 10,240' to 13,819'. Following are the updated locations along the intended wellbore path: Surface Location: 1306' FNL & 2306' FEL, NWNE, Sec 9, T3S, R1E (unchanged); Top of Producing Interval: ±662' FSL & ±1,977' FWL, Sec 4, T3S, R1E; Bottom of Producing Interval/Bottom Hole: ±697' FNL & 1,986'FWL, Sec 4, T3S, R1E. The pad will be expanded to 5.4 acres. Attached please find updated plat package, corrected drill plan, horizontal plan, exception location letter and lease plat. Surface use with Kendall remains in place.

Approved by the Utah Division of Oil, Gas and Mining
September 17, 2014
Date:
By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lauren MacMillan	303 382-6787	Regulatory Specialist
SIGNATURE		**DATE**
N/A		7/28/2014

RECEIVED: Jul. 28, 2014



API Number: 4304753114

Well Name: KENDALL STATE 14-4-3-1E-WS

Township: T03.0S Range: R01.0E Section: 09 Meridian: U

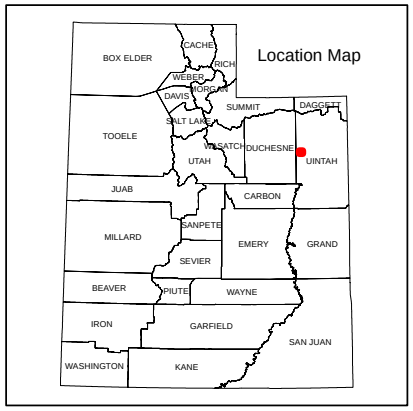
Operator: CRESCENT POINT ENERGY U.S. CORP

Map Prepared: 8/27/2014
Map Produced by Diana Mason

Wells Query
Status
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED



1,900 950 0 1,900 Feet

1:18,419

RECEIVED: Aug. 27, 2014

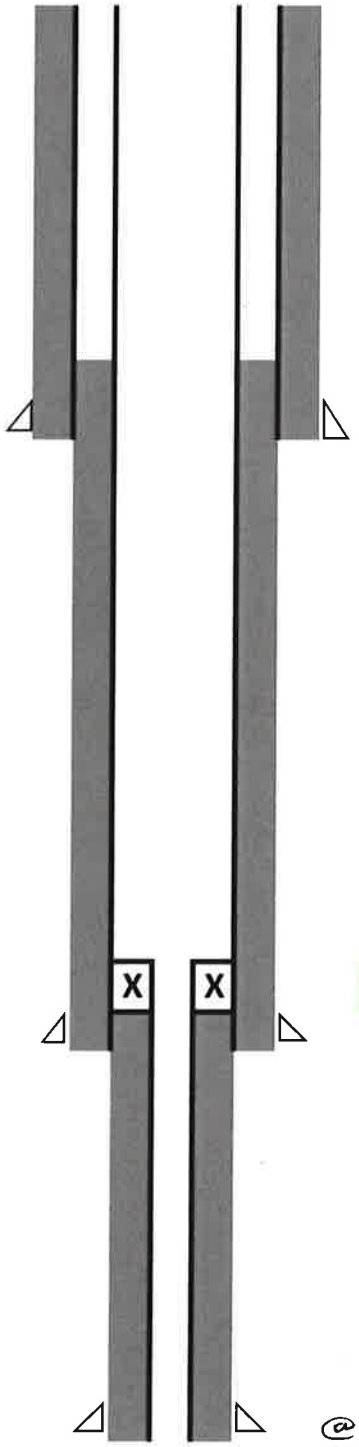
CRESCENT POINT ENERGY U.S. CORP
KENDALL STATE 14-4-3-1E-WS
43047531140000

surf: 1306' FNL, 2306' FEL
Dx Letter

9.625 " Casing
1500 ' MD
1499 ' TVD
177 ' TOC
18 % Washout

7 " Casing
9818 ' MD
9247 ' TVD
2740 ' TOC
12 % Washout

4.5 " Casing
13819 ' MD
9247 ' TVD
10752 ' TOC
12 % Washout



TOL 9668 ' MD
9228 ' TVD

@ 9818'
1966' N
660' FSL ✓
1062' W
1994' FWL ✓ OK.

@ TD
5967' N
716' FNL ✓
1040' W
2047' FWL ✓ OK

CRESCENT POINT ENERGY U.S. CORP
KENDALL STATE 14-4-3-1E-WS
43047531140000

	MASP	Collapse Strength	Collapse Load	Collapse DF	Burst Strength	Burst Load	Burst DF	Tension Strength	Tension DF	Neutral Point	Tension Air	Tension Buoyed
9.625 " Casing	469	2020	649	3.11	3520	1382	2.55	394	8.33	1308	53.95	47.30
7 " Casing	2529	5410	4395	1.23	7240	4488	1.61	511	2.58	8392	255.27	198.37
4.5 " Casing	3250	10680	7375	1.45	12410	6089	2.04	338	2.32	9318	56.04	145.95

Crescent Point Energy U.S. Corp
Kendall State 14-4-3-1E-WS
SHL: 1306' FNL & 2306' FEL, Section 9, T3S, R1E
BHL: 697' FNL & 1986' FWL, Section 4, T3S, R1E
Uintah County, Utah

DRILLING PLAN

1-2. Geologic Surface Formation and Estimated Tops of Important Geologic Markers

Formation	Depth – TVD	Depth - MD
Uinta	Surface	Surface
Upper Green River Marker	5279'	5375'
Mahogany	5803'	5912'
Garden Gulch (TGR3)	7050'	7191'
Douglas Creek	7965'	8129'
Black Shale	8299'	8472'
Castle Peak	8476'	8653'
Uteland Butte	8726'	8910'
Wasatch	8897'	9092'
Lateral TD	9247'	13819'

3. Estimated Depths of Anticipated Water, Oil, Gas Or Minerals

Green River Formation (Oil) 5,279' – 9,247'

Fresh water may be encountered in the Uinta Formation, but would not be expected below 350'. All usable (>10,000 PPM TDS) water and prospectively valuable minerals (as described by DOGM at onsite) encountered during drilling will be recorded by depth and adequately protected.

All water shows and water bearing geologic units will be reported to the geologic and engineering staff of the DOGM prior to running the next string of casing or before plugging orders are requested. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required. All water shows must be reported within one (1) business day after being encountered. Detected water flows shall be sampled, analyzed, and reported to the geologic and engineering staff at the DOGM. The DOGM may request additional water samples for further analysis.

The following information is requested for water shows and samples where applicable:

Location & Sample Interval
Flow Rate
Hardness
Water Classification (State of Utah)
Dissolved Iron (Fe) (ug/l)
Dissolved Magnesium (Mg) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)
Date Sampled
Temperature
pH
Dissolved Calcium (Ca) (mg/l)
Dissolved Sodium (Na) (mg/l)
Dissolved Carbonate (CO_3) (mg/l)
Dissolved Chloride (Cl) (mg/l)
Dissolved Total Solids (TDS) (mg/l)

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4. Proposed Casing & Cementing Program

Casing Design:

Size	Interval		Weight	Grade	Coupling	Design Factors			
	Top	Bottom				Burst	Collapse	Tension	
Conductor **16"** **Hole Size 24"**	0'	40'	65	H-40	STC	1,640	670	439,000	API
Surface casing **9-5/8"** **Hole Size 12-1/4"**	0'	1500'	36	J-55	STC	3,520 608 5.79	2,020 1044 1.93	423,000 54,000 7.83	API Load SF
Int casing **7"** **Hole Size 8-3/4"**	0'	9,818'	26	L-80	LTC	7,240 4,707 1.54	5,410 3,049 1.77	511,000 255,000 2.37	API Load SF
Prod casing **4-1/2"** **Hole Size 6- 1/8"**	9,668'	13,819'	13.5	P-110	LTC	12,406 9,934 1.25	10,690 2,942 3.63	338,000 62,000 5.48	API Load SF

Assumptions:
1. Surface casing max anticipated surface pressure (MASP) = Frac gradient – gas gradient
2. Intermediate casing MASP = Pore pressure – gas gradient
2. Production casing MASP (production mode) = Pore pressure – gas gradient
3. All collapse calculations assume fully evacuated casing w/gas gradient
4. All tension calculations assume air weight of casing

Frac gradient at surface casing shoe = 10.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

Minimum Safety Factors:
Burst = 1.000
Collapse = 1.125
Tension = 1.800

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of one (1) centralizer per joint on the bottom three joints.

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Cementing Design:

Job	Fill	Description	Excess	Sacks	Weight (ppg)	Yield (ft^3/sk)
Surface casing	1500' - surface	Class V 2% chlorides	75%	730	15.8	1.15
Int casing Lead	7800' to Surface	65/35 Poz Blend, Type II/V	25% in open hole, 0% in cased hole	606	11.0	2.37
Int casing Tail	9818' to 7800'	50/50 Poz Blend, Type II/V	25%	233	13.1	1.63
Production Casing	9668' to TD	50/50 Poz Blend, Class G	15%	297	14.0	1.51

*Actual volume pumped will have excess over gauge hole or caliper log if available
- Compressive strength of tail cement: 500 psi @ 7 hours
Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe. WOC time shall be recorded in the Driller's Log. Compressive strength shall be a minimum of 500 psi prior to drilling out.

The DOGM Roosevelt Field Office shall be notified, with sufficient lead time, in order to have a DOGM representative on location while running all casing strings and cementing.

The 9-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The intermediate casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A Tuned spacer will be used to prevent contamination of the lead cement by the drilling mud.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 9, "Sundry Notices and Reports on Wells" shall be filed with the DOGM within 30 days after the work is completed. This report must include the following information:

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Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated of the top of the cement behind the casing, depth of the cementing tools used, casing method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

5. Drilling Fluids Program

The Conductor section (from 0' to 40') will be drilled by Auger and final depth determined by when the black shale is encountered with a minimum depth of 40'.

The surface interval will then be drilled to ±1500' with air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run to the reserve pit. A variance is in request for this operation. The request can be found in Section 12 of this plan.

The intermediate and production intervals (±1500' to TD) will be drilled with a brine water mud system. Clay inhibition and hole stability will be achieved with a polymer (DAP) additive; the reserve pit will be lined to address this additive. This brine water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 9.5 lbs/gal in the intermediate section and 11.0 lbs/gal in the production section. If it is necessary to control formation fluids or pressure, the system will be weighted with the addition of brine, and if pressure conditions warrant, barite and/or calcium carbonate will be used as a weighting agent. There will be enough weighting agent on location to increase the entire system to 14.0 ppg MW.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior DOGM approval to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating characteristics of a hazardous waste will not be used in drilling, testing, or completion operations.

Crescent Point Energy will visually monitor pit levels and flow from the well during drilling operations.

6. Minimum Specifications for Pressure Control

A 5,000 psi BOP system or better will be used on this well. All equipment will be installed and tested per Onshore Order No. 2.

The configuration is as follows:

- Float in drillstring
- Inside BOP or safety valve
- Safety valve with same pipe threading
- Rotating Head below rotary table
- Fillup line
- 11" Annular Preventer – rated to 5,000 psi minimum
- 11" bore, 4-1/2" pipe ram – rated to 5,000 psi minimum
- 11" bore, Blind Ram – rated to 5,000 psi minimum

RECEIVED: Jul. 28, 2014

- 11" bore Drilling Spool with 2 side outlets (Choke side at 3" minimum & Kill side at 2" minimum)
  - 2 Kill line valves at 2" minimum – one with a check valve
  - Kill line at 2" minimum
  - 2 Choke line valves at 3" minimum
  - Choke line at 3" minimum
  - 2 adjustable chokes on manifold
  - Pressure gauge on choke manifold

7. BOPE Test Criteria

A Function Test of the Ram BOP equipment shall be made every trip and annular preventer every week. All required BOP tests and/or drills shall be recorded in the Driller's Report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to DOGM representatives upon request.

At a minimum, the Annular preventer will be tested to 50% of its rating for ten minutes. All other equipment (Rams, valves, manifold) will be tested at 5,000 psi for 10 minutes with a test plug. If rams are to be changed for any reason post drillout, the rams will be tested to 70% of surface casing internal yield.

At a minimum, the above pressure tests will be performed when such conditions exist:

- BOP's are initially installed
- Whenever a seal subject to pressure test is broken
- Following repairs to the BOPs
- Every 30 days

8. Accumulator

The Accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (HCR), close both rams and annular preventer as well maintain 200 psi above nitrogen precharge of the accumulator without use of accumulator pumps. The fluid reservoir volume will be double the usable volume of the accumulator system. The fluid level will be maintained per manufacturer's specifications.

The BOP system will have two independent power sources to close both rams and annular preventer, while opening HCR. Nitrogen bottles will be one source and electric and/or air powered pumps will be the other.

The accumulator precharge will be conducted every 6 months and maintained to be within the specifications of Onshore Order No. 2

A manual locking device or automatic locking device will be installed on both ram preventers and annular preventer.

Remote controls will be readily accessible to the driller and be capable of closing all preventers. Main controls will be available to allow full functioning of all preventers and HCR.

9. Testing, Logging and Coring Programs

The logging program will consist of a Triple Combo log from Intermediate TD to base of surface casing @ +/- 1500'. A gamma LWD tool will be utilized while drilling the production hole section. No drill stem testing or coring is planned for this well.

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10. Anticipated Abnormal Pressures or Temperature

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous wells drilled to similar depths in this area.

Maximum anticipated bottomhole pressure will be approximately equal to total depth in feet multiplied by a 0.52 psi/ft gradient, and a maximum anticipated surface pressure will be approximately equal to the bottomhole pressure calculated minus the pressure of a partially evacuated hole calculated at a 0.22 psi/foot gradient.

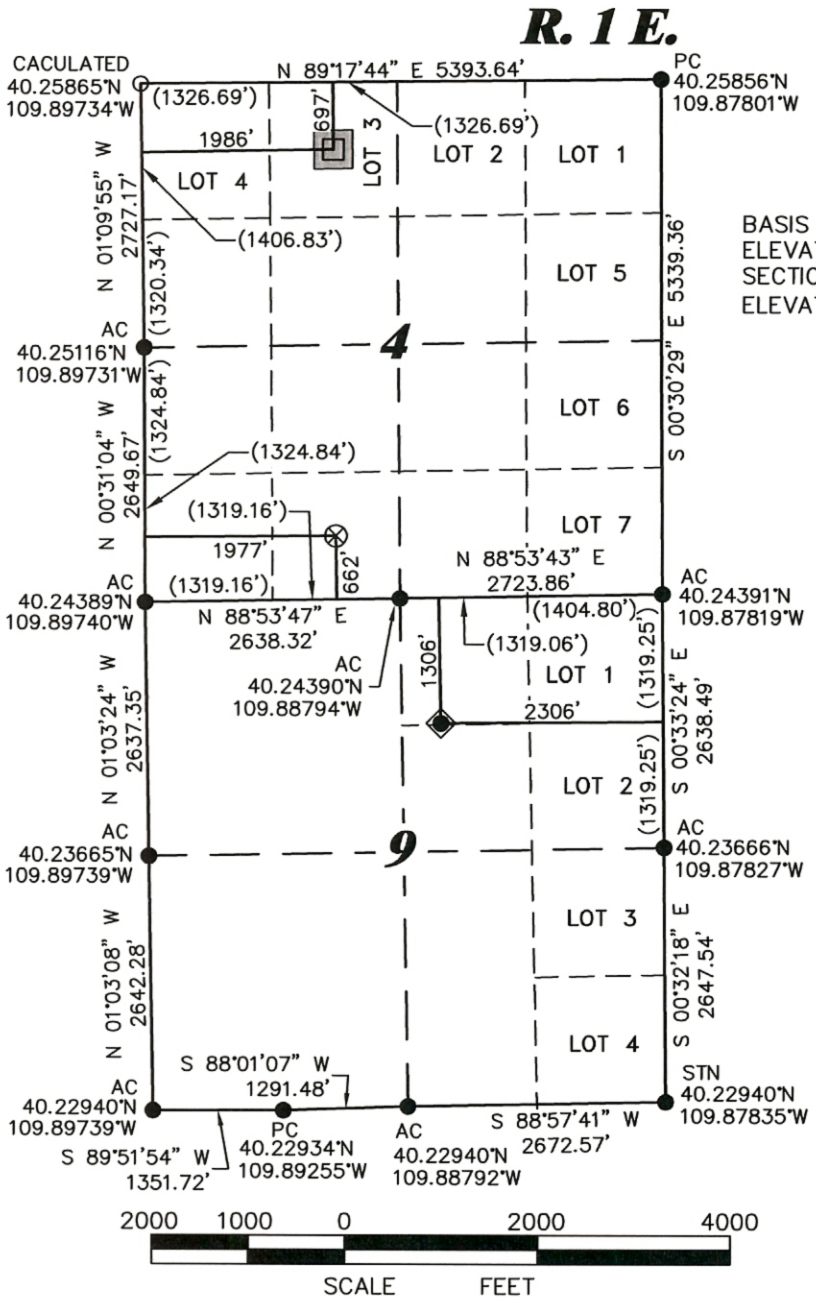
11. Anticipated Starting Date and Duration of Operations

It is anticipated that drilling operations will commence as soon as possible after approval is given and take approximately twenty (20) days from spud to rig release and two weeks for completions.

12. Variances Requested from Onshore Order No. 2

1. A diverter is utilized for surface air drilling, rather than a lubricated rotating head.
2. The blooie line is 45 ft from the wellbore rather than 100 ft and is not anchored down.
3. The blooie line is not equipped with an automatic igniter or continuous pilot light.
4. The compressor is located on the rig itself and not 100 ft from the wellbore.
5. The requirement for a Formation Integrity Test (FIT) or a Leak Off Test (LOT)

RECEIVED: Jul. 28, 2014



KENDALL STATE 14-4-3-1E-WS

UNGRADED ELEVATION: 4945.5'

BASIS OF ELEVATION: USGS SPOT ELEVATION AT THE NE CORNER OF SECTION 9, T3S, R1E, ELEVATION: 4914'

N

SCALE 1" = 2000'

T. 3 S.

BHL

NORTHING (NAD 27)
704612

EASTING (NAD 27)
2449459

LATITUDE (NAD 83)
NORTH 40.256704 DEG.

LONGITUDE (NAD 83)
WEST 109.890214 DEG.

UTM
(ZONE 12, METERS)

NORTHING (NAD 83)
4456840.1

EASTING (NAD 83)
594376.3

KICK OUT

NORTHING (NAD 27)
700609

EASTING (NAD 27)
2449510

LATITUDE (NAD 83)
NORTH 40.245713 DEG.

LONGITUDE (NAD 83)
WEST 109.890291 DEG.

UTM
(ZONE 12, METERS)

NORTHING (NAD 83)
4455620.1

EASTING (NAD 83)
594385.0

DRAWING DATUM
SPCS UTC (NAD27)

SHL

NORTHING (NAD27)
698661.79

EASTING (NAD27)
2450606.68

LATITUDE (NAD83)
NORTH 40.240315 DEG.

LONGITUDE (NAD83)
WEST 109.886487 DEG.

UTM
(ZONE 12, METERS)

NORTHING (NAD83)
4455024.97

EASTING (NAD83)
594716.10

SURVEYOR'S STATEMENT

I, DAVID E. HENDERHAN, OF GRAND JUNCTION, COLORADO, HEREBY STATE: THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL FIELD SURVEY DONE UNDER MY DIRECT SUPERVISION ON JUNE 18, 2014 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF KENDALL STATE 14-4-3-1E-WS AS STAKED ON THE GROUND.

STATE OF UTAH
DAVID E. HENDERHAN
6/20/14
8262603
PROFESSIONAL LAND SURVEYOR

UTAH PLS No. 8262603-2201

LEGEND

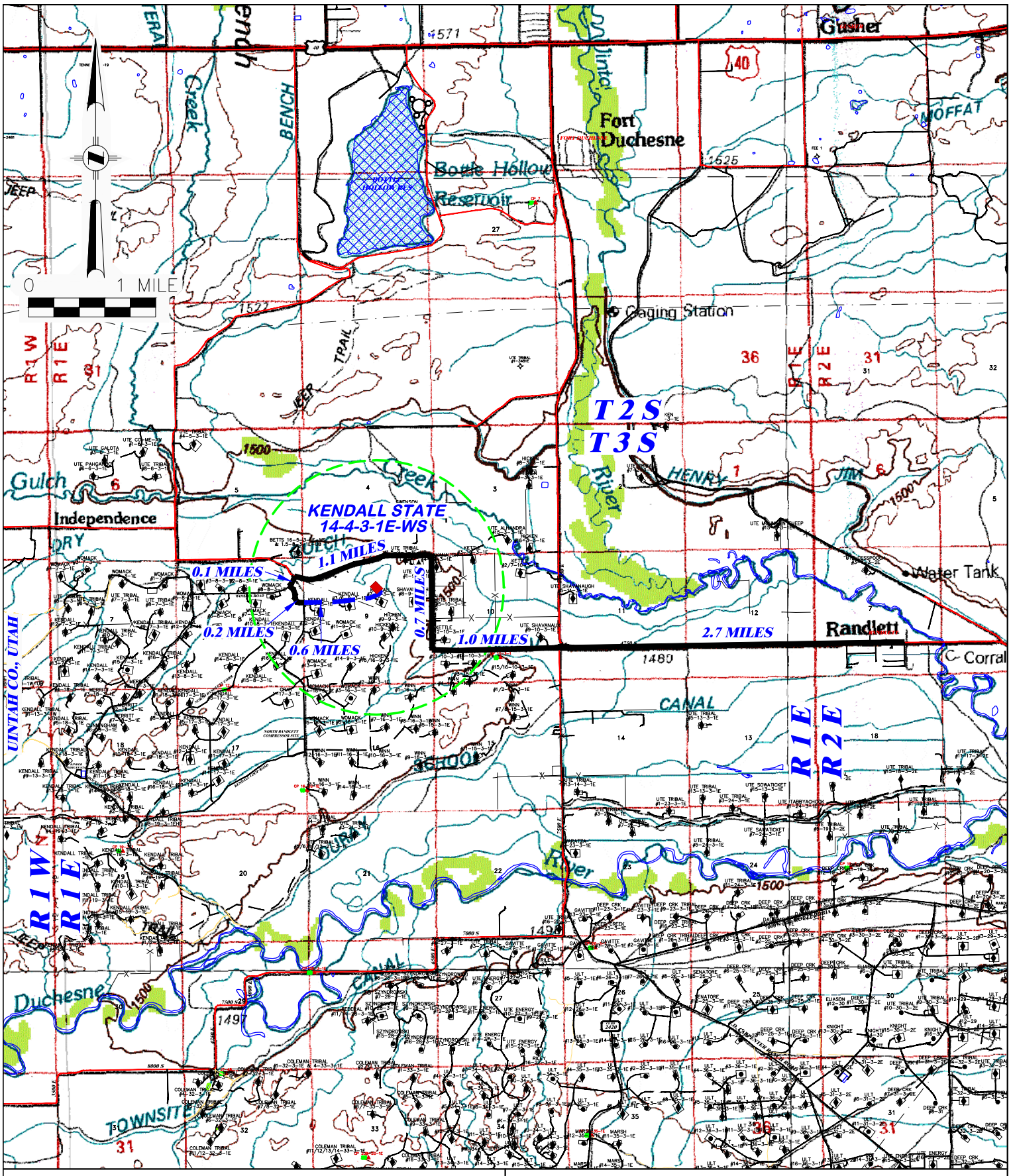
- ◈ WELL LOCATION
- ☐ BOTTOM HOLE LOC. (APPROX)
- ⊗ KICK OUT POINT (APPROX)
- ● FOUND MONUMENT (LAT/LONG VALUES ARE NAD83)
- ○ CALCULATED MONUMENT
- ▩ 400'x400' DRILLING WINDOW

DRIFFIN & ASSOCIATES, INC.
(307) 362-5028
1414 ELK ST., ROCK SPRINGS, WY 82901

PLAT OF DRILLING LOCATION IN NWNE, SECTION 9, FOR CRESCENT POINT ENERGY

DRAWN: 6/16/14 - JMB	SCALE: 1" = 1000'
REVISED: NA	DRG JOB No. 20607
	EXHIBIT 1

1306' F/NL & 2306' F/EL, SECTION 9, T. 3 S., R. 1 E., U.S.M. UINTAH COUNTY, UTAH



DRG RIFFIN & ASSOCIATES, INC.
(307) 362-5028
1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 6/16/14 - JMB	SCALE: 1" = MILE
REVISED: NA	DRG JOB No. 20607
	TOPO A

PROPOSED ACCESS FOR CRESCENT POINT ENERGY KENDALL STATE 14-4-3-1E-WS SECTION 9, T3S, R1E

PROPOSED ROAD — — — — EXISTING ROAD ———

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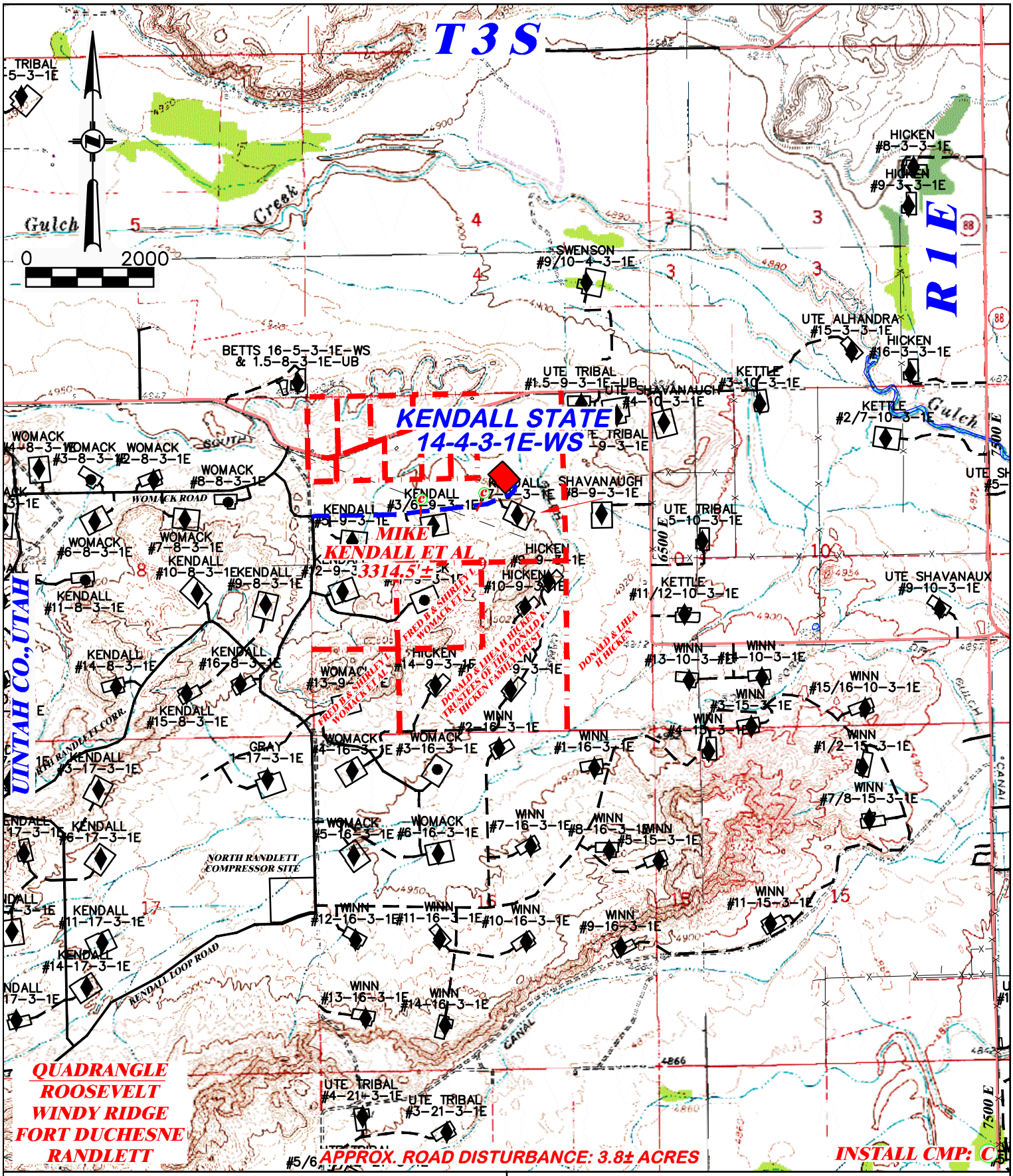
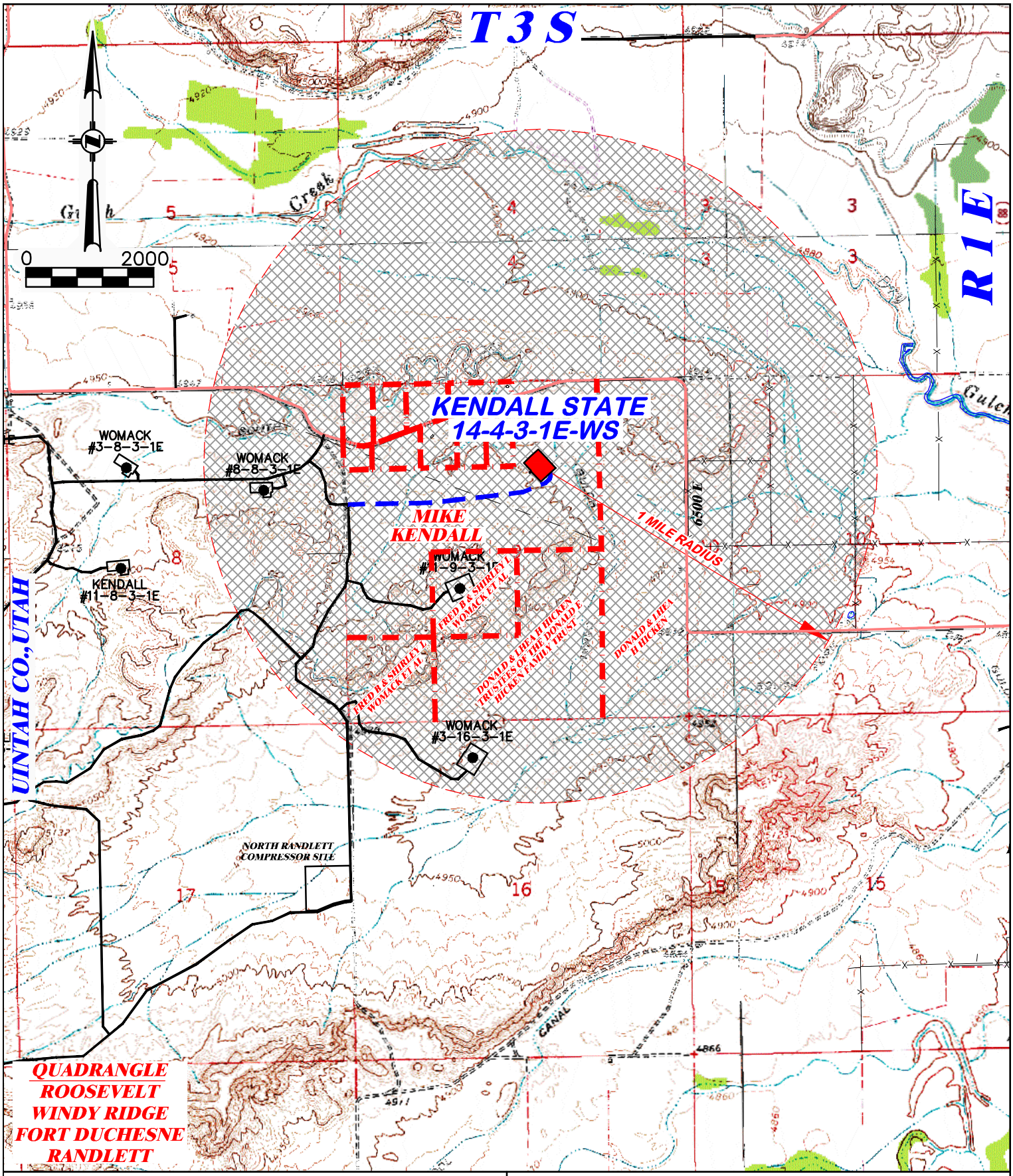


DRG RIFFIN & ASSOCIATES, INC.
(307) 362-5028
1414 ELK ST., ROCK SPRINGS, WY 82901

PROPOSED ROAD FOR CRESCENT POINT ENERGY KENDALL STATE 14-4-3-1E-WS SECTION 9, T3S, R1E

DRAWN: 6/16/14 - JMB	SCALE: 1" = 2000'	
REVISED: NA	DRG JOB No. 20607	TOTAL PROPOSED LENGTH: 3314.5'±
	TOPO B	PROPOSED ROAD — — — — EXISTING ROAD ———

RECEIVED: Jul. 28, 2014

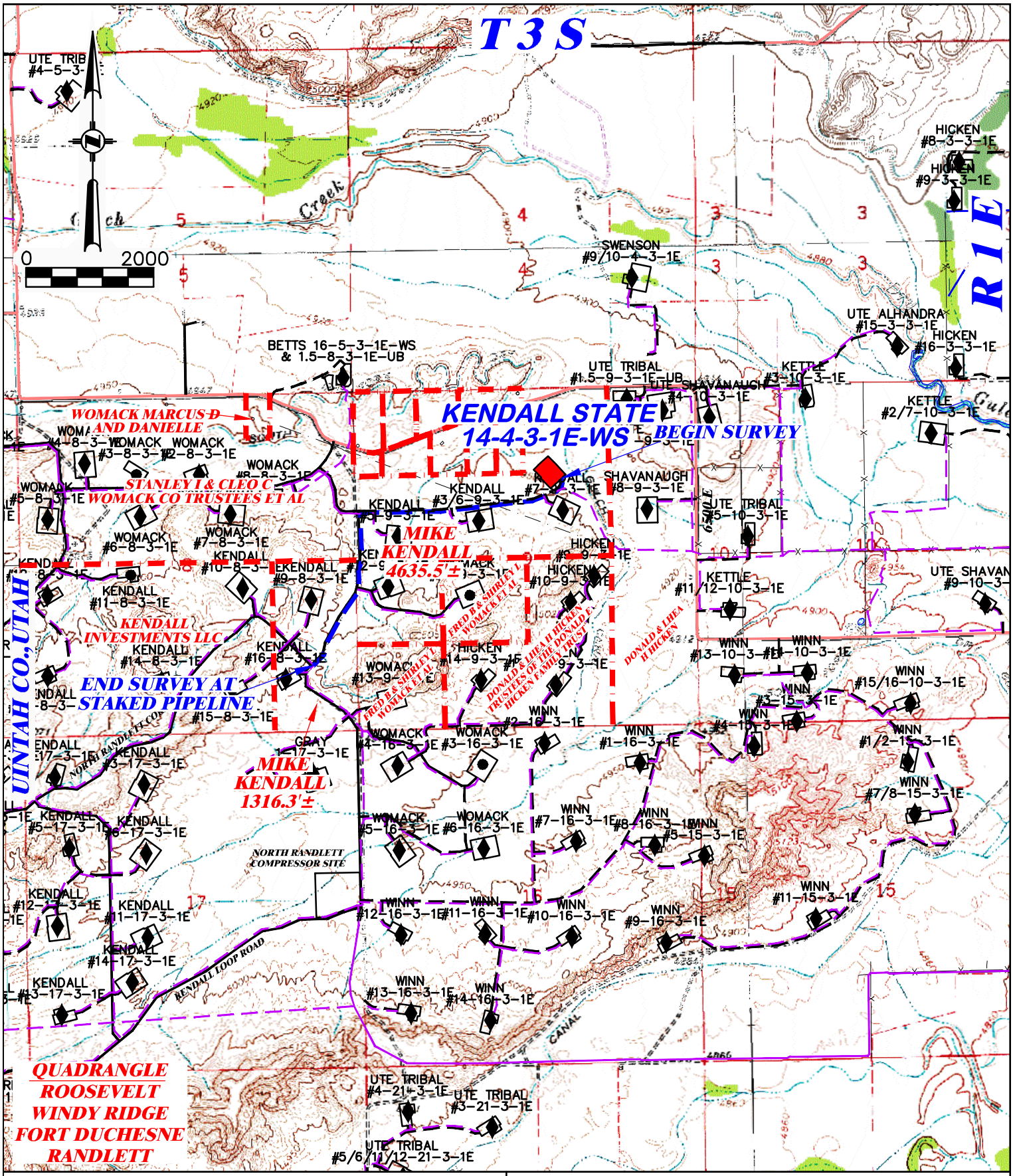


DRG RIFFIN & ASSOCIATES, INC.
(307) 362-5028
1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 6/16/14 - JMB	SCALE: 1" = 2000'
REVISED: NA	DRG JOB No. 20607
	TOPO C

ONE MILE RADIUS FOR CRESCENT POINT ENERGY KENDALL STATE 14-4-3-1E-WS SECTION 9, T3S, R1E

PROPOSED ROAD — — — — EXISTING ROAD ———



DRG RIFFIN & ASSOCIATES, INC. (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901		PROPOSED PIPELINE FOR CRESCENT POINT ENERGY KENDALL STATE 14-4-3-1E-WS SECTION 9, T3S, R1E
DRAWN: 6/16/14 - JMB	SCALE: 1" = 2000'	
REVISED: NA	DRG JOB No. 20607	TOTAL PROPOSED LENGTH: 5951.8'±
	TOPO D	PROPOSED PIPELINE — — — EXISTING ROAD ———

Crescent Point Energy

Unitah County
Section 9 T3S, R1E
Kendall State 14-4-3-1E-WS
Wellbore #1

Plan: Design #1

Crescent Point Energy

24 June, 2014

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Payzone Directional

Crescent Point Energy

Company:	Crescent Point Energy	**Local Co-ordinate Reference:**	Well Kendall State 14-4-3-1E-WS
Project:	Unitah County	**TVD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Site:	Section 9 T3S, R1E	**MD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Well:	Kendall State 14-4-3-1E-WS	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Design #1	**Database:**	MasterDB

Project Unitah County

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site Section 9 T3S, R1E

Site Position:		**Northing:**	7,260,323.77 usft	**Latitude:**	40° 14' 25.134 N
From:	Lat/Long	**Easting:**	2,090,815.91 usft	**Longitude:**	109° 53' 11.353 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	1.03 °

Well Kendall State 14-4-3-1E-WS, SHL LAT: 40.240315 LONG: -109.886487

Well Position	**+N/-S**	0.0 usft	**Northing:**	7,260,323.76 usft	**Latitude:**	40° 14' 25.134 N
	+E/-W	0.0 usft	**Easting:**	2,090,815.91 usft	**Longitude:**	109° 53' 11.353 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	4,963.5 usft	**Ground Level:**	4,945.5 usft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	6/24/2014	10.88	65.91	52,106

Design Design #1

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.0	0.0	0.0	350.11

Survey Tool Program **Date** 6/24/2014

From (usft)	**To (usft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
0.0	13,819.9	Design #1 (Wellbore #1)		

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Crescent Point ENERGY CORP

Payzone Directional

Crescent Point Energy

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Project:	Unitah County	**TVD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Site:	Section 9 T3S, R1E	**MD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Well:	Kendall State 14-4-3-1E-WS	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Design #1	**Database:**	MasterDB

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
0.0	0.00	0.00	0.0	-4,963.5	0.0	0.0	0.0	0.00	7,260,323.76	2,090,815.91
100.0	0.00	0.00	100.0	-4,863.5	0.0	0.0	0.0	0.00	7,260,323.76	2,090,815.91
200.0	0.00	0.00	200.0	-4,763.5	0.0	0.0	0.0	0.00	7,260,323.76	2,090,815.91
300.0	0.00	0.00	300.0	-4,663.5	0.0	0.0	0.0	0.00	7,260,323.76	2,090,815.91
400.0	0.00	0.00	400.0	-4,563.5	0.0	0.0	0.0	0.00	7,260,323.76	2,090,815.91
500.0	0.00	0.00	500.0	-4,463.5	0.0	0.0	0.0	0.00	7,260,323.76	2,090,815.91
600.0	0.00	0.00	600.0	-4,363.5	0.0	0.0	0.0	0.00	7,260,323.76	2,090,815.91
700.0	0.00	0.00	700.0	-4,263.5	0.0	0.0	0.0	0.00	7,260,323.76	2,090,815.91
800.0	0.00	0.00	800.0	-4,163.5	0.0	0.0	0.0	0.00	7,260,323.76	2,090,815.91
900.0	0.00	0.00	900.0	-4,063.5	0.0	0.0	0.0	0.00	7,260,323.76	2,090,815.91
1,000.0	0.00	0.00	1,000.0	-3,963.5	0.0	0.0	0.0	0.00	7,260,323.76	2,090,815.91
1,100.0	0.00	0.00	1,100.0	-3,863.5	0.0	0.0	0.0	0.00	7,260,323.76	2,090,815.91
Start Build 2.00										
1,200.0	2.00	321.97	1,200.0	-3,763.5	1.4	-1.1	1.5	2.00	7,260,325.12	2,090,814.81
1,300.0	4.00	321.97	1,299.8	-3,663.7	5.5	-4.3	6.2	2.00	7,260,329.18	2,090,811.51
1,400.0	6.00	321.97	1,399.5	-3,564.0	12.4	-9.7	13.8	2.00	7,260,335.95	2,090,806.02
1,500.0	8.00	321.97	1,498.7	-3,464.8	22.0	-17.2	24.6	2.00	7,260,345.41	2,090,798.34
1,600.0	10.00	321.97	1,597.5	-3,366.0	34.3	-26.8	38.4	2.00	7,260,357.55	2,090,788.48
1,700.0	12.00	321.97	1,695.6	-3,267.9	49.3	-38.6	55.2	2.00	7,260,372.37	2,090,776.45
1,740.5	12.81	321.97	1,735.2	-3,228.3	56.2	-43.9	62.9	2.00	7,260,379.12	2,090,770.97
Start 7175.7 hold at 1740.5 MD										
1,800.0	12.81	321.97	1,793.2	-3,170.3	66.6	-52.1	74.5	0.00	7,260,389.37	2,090,762.66
1,900.0	12.81	321.97	1,890.7	-3,072.8	84.0	-65.7	94.1	0.00	7,260,406.58	2,090,748.68
2,000.0	12.81	321.97	1,988.2	-2,975.3	101.5	-79.4	113.6	0.00	7,260,423.80	2,090,734.71
2,100.0	12.81	321.97	2,085.7	-2,877.8	118.9	-93.0	133.2	0.00	7,260,441.01	2,090,720.74
2,200.0	12.81	321.97	2,183.2	-2,780.3	136.4	-106.7	152.7	0.00	7,260,458.23	2,090,706.77
2,300.0	12.81	321.97	2,280.8	-2,682.7	153.9	-120.4	172.3	0.00	7,260,475.44	2,090,692.79

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Crescent Point ENERGY CORP

Payzone Directional

Crescent Point Energy

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Project:	Unitah County	**TVD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Site:	Section 9 T3S, R1E	**MD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Well:	Kendall State 14-4-3-1E-WS	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Design #1	**Database:**	MasterDB

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
2,400.0	12.81	321.97	2,378.3	-2,585.2	171.3	-134.0	191.8	0.00	7,260,492.66	2,090,678.82
2,500.0	12.81	321.97	2,475.8	-2,487.7	188.8	-147.7	211.4	0.00	7,260,509.87	2,090,664.85
2,600.0	12.81	321.97	2,573.3	-2,390.2	206.3	-161.3	230.9	0.00	7,260,527.09	2,090,650.88
2,700.0	12.81	321.97	2,670.8	-2,292.7	223.7	-175.0	250.5	0.00	7,260,544.30	2,090,636.90
2,800.0	12.81	321.97	2,768.3	-2,195.2	241.2	-188.7	270.0	0.00	7,260,561.52	2,090,622.93
2,900.0	12.81	321.97	2,865.8	-2,097.7	258.7	-202.3	289.6	0.00	7,260,578.73	2,090,608.96
3,000.0	12.81	321.97	2,963.3	-2,000.2	276.1	-216.0	309.1	0.00	7,260,595.95	2,090,594.98
3,100.0	12.81	321.97	3,060.8	-1,902.7	293.6	-229.6	328.7	0.00	7,260,613.16	2,090,581.01
3,200.0	12.81	321.97	3,158.4	-1,805.1	311.1	-243.3	348.2	0.00	7,260,630.38	2,090,567.04
3,300.0	12.81	321.97	3,255.9	-1,707.6	328.5	-257.0	367.8	0.00	7,260,647.59	2,090,553.07
3,400.0	12.81	321.97	3,353.4	-1,610.1	346.0	-270.6	387.3	0.00	7,260,664.81	2,090,539.09
3,500.0	12.81	321.97	3,450.9	-1,512.6	363.4	-284.3	406.9	0.00	7,260,682.02	2,090,525.12
3,600.0	12.81	321.97	3,548.4	-1,415.1	380.9	-297.9	426.4	0.00	7,260,699.24	2,090,511.15
3,700.0	12.81	321.97	3,645.9	-1,317.6	398.4	-311.6	446.0	0.00	7,260,716.45	2,090,497.18
3,800.0	12.81	321.97	3,743.4	-1,220.1	415.8	-325.3	465.5	0.00	7,260,733.67	2,090,483.20
3,900.0	12.81	321.97	3,840.9	-1,122.6	433.3	-338.9	485.1	0.00	7,260,750.88	2,090,469.23
4,000.0	12.81	321.97	3,938.4	-1,025.1	450.8	-352.6	504.6	0.00	7,260,768.10	2,090,455.26
4,100.0	12.81	321.97	4,036.0	-927.5	468.2	-366.2	524.2	0.00	7,260,785.31	2,090,441.28
4,200.0	12.81	321.97	4,133.5	-830.0	485.7	-379.9	543.7	0.00	7,260,802.53	2,090,427.31
4,300.0	12.81	321.97	4,231.0	-732.5	503.2	-393.6	563.3	0.00	7,260,819.74	2,090,413.34
4,400.0	12.81	321.97	4,328.5	-635.0	520.6	-407.2	582.8	0.00	7,260,836.96	2,090,399.37
4,500.0	12.81	321.97	4,426.0	-537.5	538.1	-420.9	602.4	0.00	7,260,854.18	2,090,385.39
4,600.0	12.81	321.97	4,523.5	-440.0	555.6	-434.5	621.9	0.00	7,260,871.39	2,090,371.42
4,700.0	12.81	321.97	4,621.0	-342.5	573.0	-448.2	641.5	0.00	7,260,888.61	2,090,357.45
4,800.0	12.81	321.97	4,718.5	-245.0	590.5	-461.9	661.0	0.00	7,260,905.82	2,090,343.48
4,900.0	12.81	321.97	4,816.0	-147.5	607.9	-475.5	680.6	0.00	7,260,923.04	2,090,329.50
5,000.0	12.81	321.97	4,913.5	-50.0	625.4	-489.2	700.1	0.00	7,260,940.25	2,090,315.53

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Crescent Point ENERGY CORP

Payzone Directional

Crescent Point Energy

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Project:	Unitah County	**TVD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Site:	Section 9 T3S, R1E	**MD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Well:	Kendall State 14-4-3-1E-WS	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Design #1	**Database:**	MasterDB

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
5,100.0	12.81	321.97	5,011.1	47.6	642.9	-502.8	719.7	0.00	7,260,957.47	2,090,301.56
5,200.0	12.81	321.97	5,108.6	145.1	660.3	-516.5	739.2	0.00	7,260,974.68	2,090,287.58
5,300.0	12.81	321.97	5,206.1	242.6	677.8	-530.2	758.8	0.00	7,260,991.90	2,090,273.61
5,375.3	12.81	321.97	5,279.5	316.0	691.0	-540.4	773.5	0.00	7,261,004.86	2,090,263.09
Upper Green River										
5,400.0	12.81	321.97	5,303.6	340.1	695.3	-543.8	778.3	0.00	7,261,009.11	2,090,259.64
5,500.0	12.81	321.97	5,401.1	437.6	712.7	-557.5	797.9	0.00	7,261,026.33	2,090,245.67
5,600.0	12.81	321.97	5,498.6	535.1	730.2	-571.1	817.4	0.00	7,261,043.54	2,090,231.69
5,700.0	12.81	321.97	5,596.1	632.6	747.7	-584.8	837.0	0.00	7,261,060.76	2,090,217.72
5,800.0	12.81	321.97	5,693.6	730.1	765.1	-598.5	856.5	0.00	7,261,077.97	2,090,203.75
5,900.0	12.81	321.97	5,791.1	827.6	782.6	-612.1	876.1	0.00	7,261,095.19	2,090,189.77
5,912.7	12.81	321.97	5,803.5	840.0	784.8	-613.8	878.6	0.00	7,261,097.37	2,090,188.00
Mahogany										
6,000.0	12.81	321.97	5,888.7	925.2	800.1	-625.8	895.6	0.00	7,261,112.40	2,090,175.80
6,100.0	12.81	321.97	5,986.2	1,022.7	817.5	-639.4	915.2	0.00	7,261,129.62	2,090,161.83
6,200.0	12.81	321.97	6,083.7	1,120.2	835.0	-653.1	934.7	0.00	7,261,146.83	2,090,147.86
6,300.0	12.81	321.97	6,181.2	1,217.7	852.5	-666.8	954.3	0.00	7,261,164.05	2,090,133.88
6,400.0	12.81	321.97	6,278.7	1,315.2	869.9	-680.4	973.8	0.00	7,261,181.26	2,090,119.91
6,500.0	12.81	321.97	6,376.2	1,412.7	887.4	-694.1	993.4	0.00	7,261,198.48	2,090,105.94
6,600.0	12.81	321.97	6,473.7	1,510.2	904.8	-707.7	1,012.9	0.00	7,261,215.69	2,090,091.97
6,700.0	12.81	321.97	6,571.2	1,607.7	922.3	-721.4	1,032.5	0.00	7,261,232.91	2,090,077.99
6,800.0	12.81	321.97	6,668.7	1,705.2	939.8	-735.1	1,052.0	0.00	7,261,250.12	2,090,064.02
6,900.0	12.81	321.97	6,766.3	1,802.8	957.2	-748.7	1,071.6	0.00	7,261,267.34	2,090,050.05
7,000.0	12.81	321.97	6,863.8	1,900.3	974.7	-762.4	1,091.1	0.00	7,261,284.55	2,090,036.07
7,100.0	12.81	321.97	6,961.3	1,997.8	992.2	-776.0	1,110.7	0.00	7,261,301.77	2,090,022.10
7,191.5	12.81	321.97	7,050.5	2,087.0	1,008.1	-788.5	1,128.6	0.00	7,261,317.52	2,090,009.32
Garden Gulch										

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Crescent Point ENERGY CORP

Payzone Directional

Crescent Point Energy

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Project:	Unitah County	**TVD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Site:	Section 9 T3S, R1E	**MD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Well:	Kendall State 14-4-3-1E-WS	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Design #1	**Database:**	MasterDB

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
7,200.0	12.81	321.97	7,058.8	2,095.3	1,009.6	-789.7	1,130.2	0.00	7,261,318.98	2,090,008.13
7,300.0	12.81	321.97	7,156.3	2,192.8	1,027.1	-803.4	1,149.8	0.00	7,261,336.20	2,089,994.16
7,400.0	12.81	321.97	7,253.8	2,290.3	1,044.6	-817.0	1,169.3	0.00	7,261,353.41	2,089,980.18
7,500.0	12.81	321.97	7,351.3	2,387.8	1,062.0	-830.7	1,188.9	0.00	7,261,370.63	2,089,966.21
7,600.0	12.81	321.97	7,448.8	2,485.3	1,079.5	-844.3	1,208.4	0.00	7,261,387.84	2,089,952.24
7,700.0	12.81	321.97	7,546.3	2,582.8	1,097.0	-858.0	1,228.0	0.00	7,261,405.06	2,089,938.27
7,800.0	12.81	321.97	7,643.9	2,680.4	1,114.4	-871.7	1,247.5	0.00	7,261,422.27	2,089,924.29
7,900.0	12.81	321.97	7,741.4	2,777.9	1,131.9	-885.3	1,267.1	0.00	7,261,439.49	2,089,910.32
8,000.0	12.81	321.97	7,838.9	2,875.4	1,149.3	-899.0	1,286.6	0.00	7,261,456.70	2,089,896.35
8,100.0	12.81	321.97	7,936.4	2,972.9	1,166.8	-912.6	1,306.2	0.00	7,261,473.92	2,089,882.37
8,129.9	12.81	321.97	7,965.5	3,002.0	1,172.0	-916.7	1,312.0	0.00	7,261,479.06	2,089,878.20
Douglas Creek										
8,200.0	12.81	321.97	8,033.9	3,070.4	1,184.3	-926.3	1,325.7	0.00	7,261,491.13	2,089,868.40
8,300.0	12.81	321.97	8,131.4	3,167.9	1,201.7	-940.0	1,345.3	0.00	7,261,508.35	2,089,854.43
8,400.0	12.81	321.97	8,228.9	3,265.4	1,219.2	-953.6	1,364.8	0.00	7,261,525.56	2,089,840.46
8,472.4	12.81	321.97	8,299.5	3,336.0	1,231.8	-963.5	1,379.0	0.00	7,261,538.02	2,089,830.34
Black Shale										
8,500.0	12.81	321.97	8,326.4	3,362.9	1,236.7	-967.3	1,384.4	0.00	7,261,542.78	2,089,826.48
8,600.0	12.81	321.97	8,423.9	3,460.4	1,254.1	-980.9	1,404.0	0.00	7,261,559.99	2,089,812.51
8,653.9	12.81	321.97	8,476.5	3,513.0	1,263.5	-988.3	1,414.5	0.00	7,261,569.27	2,089,804.98
Castle Peak										
8,700.0	12.81	321.97	8,521.5	3,558.0	1,271.6	-994.6	1,423.5	0.00	7,261,577.21	2,089,798.54
8,800.0	12.81	321.97	8,619.0	3,655.5	1,289.1	-1,008.3	1,443.1	0.00	7,261,594.43	2,089,784.56
8,900.0	12.81	321.97	8,716.5	3,753.0	1,306.5	-1,021.9	1,462.6	0.00	7,261,611.64	2,089,770.59
8,910.3	12.81	321.97	8,726.5	3,763.0	1,308.3	-1,023.3	1,464.6	0.00	7,261,613.41	2,089,769.16
Uteland Butte										
8,916.2	12.81	321.97	8,732.3	3,768.8	1,309.4	-1,024.1	1,465.8	0.00	7,261,614.43	2,089,768.33
Start DLS 10.00 TFO 43.16										

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Crescent Point ENERGY CORP

Payzone Directional

Crescent Point Energy

Company:	Crescent Point Energy	**Local Co-ordinate Reference:**	Well Kendall State 14-4-3-1E-WS
Project:	Unitah County	**TVD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Site:	Section 9 T3S, R1E	**MD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Well:	Kendall State 14-4-3-1E-WS	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Design #1	**Database:**	MasterDB

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
8,950.0	15.45	330.68	8,765.1	3,801.6	1,316.2	-1,028.6	1,473.3	10.00	7,261,621.23	2,089,763.69
9,000.0	19.76	339.12	8,812.7	3,849.2	1,329.9	-1,034.9	1,487.9	10.00	7,261,634.82	2,089,757.17
9,050.0	24.33	344.57	8,859.0	3,895.5	1,347.8	-1,040.7	1,506.5	10.00	7,261,652.55	2,089,751.09
9,092.9	28.36	347.90	8,897.5	3,934.0	1,366.3	-1,045.2	1,525.5	10.00	7,261,670.96	2,089,746.27
Wasatch										
9,100.0	29.03	348.36	8,903.7	3,940.2	1,369.6	-1,045.9	1,528.9	10.00	7,261,674.28	2,089,745.51
9,150.0	33.81	351.17	8,946.4	3,982.9	1,395.2	-1,050.4	1,554.9	10.00	7,261,699.84	2,089,740.46
9,200.0	38.64	353.35	8,986.7	4,023.2	1,424.5	-1,054.4	1,584.4	10.00	7,261,729.03	2,089,735.99
9,250.0	43.51	355.11	9,024.4	4,060.9	1,457.2	-1,057.7	1,617.2	10.00	7,261,761.65	2,089,732.12
9,300.0	48.40	356.58	9,059.1	4,095.6	1,493.0	-1,060.3	1,652.9	10.00	7,261,797.43	2,089,728.89
9,350.0	53.30	357.85	9,090.7	4,127.2	1,531.7	-1,062.1	1,691.4	10.00	7,261,836.10	2,089,726.32
9,400.0	58.21	358.96	9,118.8	4,155.3	1,573.0	-1,063.3	1,732.3	10.00	7,261,877.38	2,089,724.44
9,450.0	63.14	359.96	9,143.3	4,179.8	1,616.6	-1,063.7	1,775.3	10.00	7,261,920.94	2,089,723.25
9,468.9	65.00	0.31	9,151.6	4,188.1	1,633.6	-1,063.6	1,792.0	10.00	7,261,937.92	2,089,722.98
Start 100.0 hold at 9468.9 MD										
9,500.0	65.00	0.31	9,164.7	4,201.2	1,661.8	-1,063.5	1,819.7	0.00	7,261,966.12	2,089,722.63
9,568.9	65.00	0.31	9,193.8	4,230.3	1,724.2	-1,063.1	1,881.2	0.00	7,262,028.55	2,089,721.84
Start Build 10.00										
9,600.0	68.11	0.31	9,206.2	4,242.7	1,752.8	-1,063.0	1,909.3	10.00	7,262,057.08	2,089,721.48
9,650.0	73.11	0.31	9,222.8	4,259.3	1,799.9	-1,062.7	1,955.7	10.00	7,262,104.23	2,089,720.88
9,700.0	78.11	0.31	9,235.2	4,271.7	1,848.3	-1,062.5	2,003.3	10.00	7,262,152.64	2,089,720.27
9,750.0	83.11	0.31	9,243.4	4,279.9	1,897.7	-1,062.2	2,051.9	10.00	7,262,201.95	2,089,719.65
9,800.0	88.11	0.31	9,247.2	4,283.7	1,947.5	-1,061.9	2,100.9	10.00	7,262,251.79	2,089,719.02
9,818.9	90.00	0.31	9,247.5	4,284.0	1,966.4	-1,061.8	2,119.5	10.00	7,262,270.67	2,089,718.78
Start 4001.0 hold at 9818.9 MD - 14-4-3-1E-WS TGT LP										
9,900.0	90.00	0.31	9,247.5	4,284.0	2,047.5	-1,061.4	2,199.3	0.00	7,262,351.78	2,089,717.75
10,000.0	90.00	0.31	9,247.5	4,284.0	2,147.5	-1,060.9	2,297.8	0.00	7,262,451.77	2,089,716.49

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Crescent Point ENERGY CORP

Payzone Directional

Crescent Point Energy

Company:	Crescent Point Energy	**Local Co-ordinate Reference:**	Well Kendall State 14-4-3-1E-WS
Project:	Unitah County	**TVD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Site:	Section 9 T3S, R1E	**MD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Well:	Kendall State 14-4-3-1E-WS	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Design #1	**Database:**	MasterDB

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
10,100.0	90.00	0.31	9,247.5	4,284.0	2,247.5	-1,060.3	2,396.2	0.00	7,262,551.76	2,089,715.23
10,200.0	90.00	0.31	9,247.5	4,284.0	2,347.5	-1,059.8	2,494.6	0.00	7,262,651.75	2,089,713.97
10,300.0	90.00	0.31	9,247.5	4,284.0	2,447.5	-1,059.2	2,593.0	0.00	7,262,751.74	2,089,712.70
10,400.0	90.00	0.31	9,247.5	4,284.0	2,547.5	-1,058.7	2,691.4	0.00	7,262,851.74	2,089,711.44
10,500.0	90.00	0.31	9,247.5	4,284.0	2,647.5	-1,058.1	2,789.9	0.00	7,262,951.73	2,089,710.18
10,600.0	90.00	0.31	9,247.5	4,284.0	2,747.5	-1,057.6	2,888.3	0.00	7,263,051.72	2,089,708.91
10,700.0	90.00	0.31	9,247.5	4,284.0	2,847.5	-1,057.1	2,986.7	0.00	7,263,151.71	2,089,707.65
10,800.0	90.00	0.31	9,247.5	4,284.0	2,947.5	-1,056.5	3,085.1	0.00	7,263,251.70	2,089,706.39
10,900.0	90.00	0.31	9,247.5	4,284.0	3,047.5	-1,056.0	3,183.5	0.00	7,263,351.70	2,089,705.13
11,000.0	90.00	0.31	9,247.5	4,284.0	3,147.5	-1,055.4	3,282.0	0.00	7,263,451.69	2,089,703.86
11,100.0	90.00	0.31	9,247.5	4,284.0	3,247.5	-1,054.9	3,380.4	0.00	7,263,551.68	2,089,702.60
11,200.0	90.00	0.31	9,247.5	4,284.0	3,347.5	-1,054.4	3,478.8	0.00	7,263,651.67	2,089,701.34
11,300.0	90.00	0.31	9,247.5	4,284.0	3,447.5	-1,053.8	3,577.2	0.00	7,263,751.66	2,089,700.07
11,400.0	90.00	0.31	9,247.5	4,284.0	3,547.5	-1,053.3	3,675.6	0.00	7,263,851.66	2,089,698.81
11,500.0	90.00	0.31	9,247.5	4,284.0	3,647.5	-1,052.7	3,774.1	0.00	7,263,951.65	2,089,697.55
11,600.0	90.00	0.31	9,247.5	4,284.0	3,747.5	-1,052.2	3,872.5	0.00	7,264,051.64	2,089,696.28
11,700.0	90.00	0.31	9,247.5	4,284.0	3,847.5	-1,051.7	3,970.9	0.00	7,264,151.63	2,089,695.02
11,800.0	90.00	0.31	9,247.5	4,284.0	3,947.5	-1,051.1	4,069.3	0.00	7,264,251.62	2,089,693.76
11,900.0	90.00	0.31	9,247.5	4,284.0	4,047.5	-1,050.6	4,167.7	0.00	7,264,351.62	2,089,692.50
12,000.0	90.00	0.31	9,247.5	4,284.0	4,147.5	-1,050.0	4,266.2	0.00	7,264,451.61	2,089,691.23
12,100.0	90.00	0.31	9,247.5	4,284.0	4,247.5	-1,049.5	4,364.6	0.00	7,264,551.60	2,089,689.97
12,200.0	90.00	0.31	9,247.5	4,284.0	4,347.5	-1,048.9	4,463.0	0.00	7,264,651.59	2,089,688.71
12,300.0	90.00	0.31	9,247.5	4,284.0	4,447.5	-1,048.4	4,561.4	0.00	7,264,751.58	2,089,687.44
12,400.0	90.00	0.31	9,247.5	4,284.0	4,547.5	-1,047.9	4,659.8	0.00	7,264,851.58	2,089,686.18
12,500.0	90.00	0.31	9,247.5	4,284.0	4,647.5	-1,047.3	4,758.3	0.00	7,264,951.57	2,089,684.92
12,600.0	90.00	0.31	9,247.5	4,284.0	4,747.5	-1,046.8	4,856.7	0.00	7,265,051.56	2,089,683.66
12,700.0	90.00	0.31	9,247.5	4,284.0	4,847.5	-1,046.2	4,955.1	0.00	7,265,151.55	2,089,682.39

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Crescent Point ENERGY CORP

Payzone Directional

Crescent Point Energy

Company:	Crescent Point Energy	**Local Co-ordinate Reference:**	Well Kendall State 14-4-3-1E-WS
Project:	Unitah County	**TVD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Site:	Section 9 T3S, R1E	**MD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Well:	Kendall State 14-4-3-1E-WS	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Design #1	**Database:**	MasterDB

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
12,800.0	90.00	0.31	9,247.5	4,284.0	4,947.4	-1,045.7	5,053.5	0.00	7,265,251.54	2,089,681.13
12,900.0	90.00	0.31	9,247.5	4,284.0	5,047.4	-1,045.2	5,151.9	0.00	7,265,351.54	2,089,679.87
13,000.0	90.00	0.31	9,247.5	4,284.0	5,147.4	-1,044.6	5,250.4	0.00	7,265,451.53	2,089,678.60
13,100.0	90.00	0.31	9,247.5	4,284.0	5,247.4	-1,044.1	5,348.8	0.00	7,265,551.52	2,089,677.34
13,200.0	90.00	0.31	9,247.5	4,284.0	5,347.4	-1,043.5	5,447.2	0.00	7,265,651.51	2,089,676.08
13,300.0	90.00	0.31	9,247.5	4,284.0	5,447.4	-1,043.0	5,545.6	0.00	7,265,751.50	2,089,674.82
13,400.0	90.00	0.31	9,247.5	4,284.0	5,547.4	-1,042.5	5,644.0	0.00	7,265,851.50	2,089,673.55
13,500.0	90.00	0.31	9,247.5	4,284.0	5,647.4	-1,041.9	5,742.5	0.00	7,265,951.49	2,089,672.29
13,600.0	90.00	0.31	9,247.5	4,284.0	5,747.4	-1,041.4	5,840.9	0.00	7,266,051.48	2,089,671.03
13,700.0	90.00	0.31	9,247.5	4,284.0	5,847.4	-1,040.8	5,939.3	0.00	7,266,151.47	2,089,669.76
13,800.0	90.00	0.31	9,247.5	4,284.0	5,947.4	-1,040.3	6,037.7	0.00	7,266,251.46	2,089,668.50
13,819.9	90.00	0.31	9,247.5	4,284.0	5,967.3	-1,040.2	6,057.3	0.00	7,266,271.35	2,089,668.25

TD at 13819.9 - 14-4-3-1E-WS TGT BHL

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
9,092.9	8,897.5	Wasatch		0.00	
8,653.9	8,476.5	Castle Peak		0.00	
8,910.3	8,726.5	Uteland Butte		0.00	
8,129.9	7,965.5	Douglas Creek		0.00	
5,912.7	5,803.5	Mahogany		0.00	
8,472.4	8,299.5	Black Shale		0.00	
7,191.5	7,050.5	Garden Gulch		0.00	
5,375.3	5,279.5	Upper Green River		0.00	

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Payzone Directional

Crescent Point Energy

Company:	Crescent Point Energy	**Local Co-ordinate Reference:**	Well Kendall State 14-4-3-1E-WS
Project:	Unitah County	**TVD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Site:	Section 9 T3S, R1E	**MD Reference:**	Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)
Well:	Kendall State 14-4-3-1E-WS	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Design #1	**Database:**	MasterDB

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
1,100.0	1,100.0	0.0	0.0	Start Build 2.00
1,740.5	1,735.2	56.2	-43.9	Start 7175.7 hold at 1740.5 MD
8,916.2	8,732.3	1,309.4	-1,024.1	Start DLS 10.00 TFO 43.16
9,468.9	9,151.6	1,633.6	-1,063.6	Start 100.0 hold at 9468.9 MD
9,568.9	9,193.8	1,724.2	-1,063.1	Start Build 10.00
9,818.9	9,247.5	1,966.4	-1,061.8	Start 4001.0 hold at 9818.9 MD
13,819.9	9,247.5	5,967.3	-1,040.2	TD at 13819.9

Checked By: _____ Approved By: _____ Date: _____

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Crescent Point ENERGY CORP

Well Name: Kendall State 14-4-3-1E-WS
Surface Location: Section 9 T3S, R1E
North American Datum 1983 , US State Plane 1983 , Utah Central Zone
Ground Elevation: 4945.5

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	7260323.76	2090815.91	40° 14' 25.134 N	109° 53' 11.353 W	

EST KB Kendall State 14-4-3-1E-WS @ 4963.5usft (EST KB)

T M

Azimuths to True North
Magnetic North: 10.88°

Magnetic Field
Strength: 52105.9snT
Dip Angle: 65.91°
Date: 6/24/2014
Model: IGRF2010

Section 9 T3S, R1E
Kendall State 14-4-3-1E-WS
Design #1
14:01, June 24 2014

PAYZONE DIRECTIONAL

SECTION DETAILS

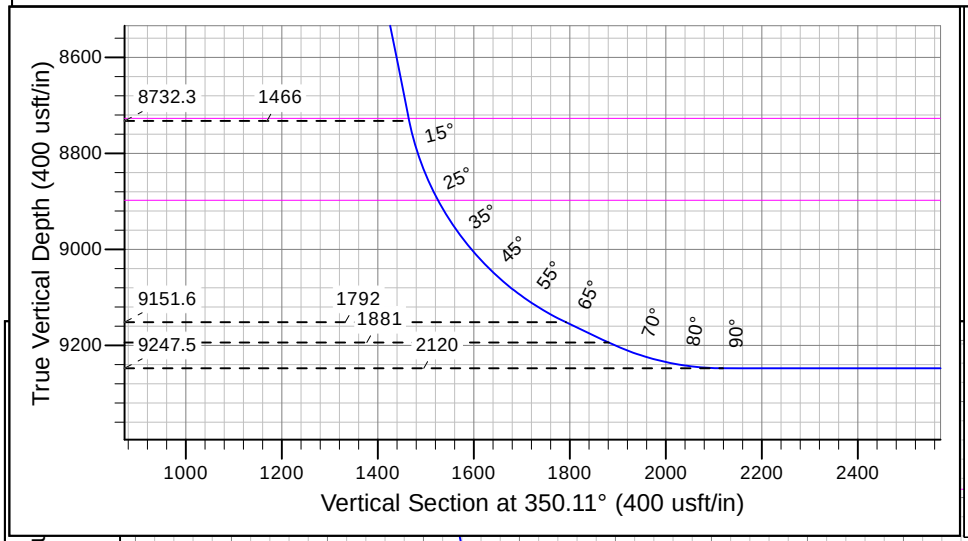
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1100.0	0.00	0.00	1100.0	0.0	0.0	0.00	0.00	0.0	
3	1740.5	12.81	321.97	1735.2	56.2	-43.9	2.00	321.97	62.9	
4	8916.2	12.81	321.97	8732.3	1309.4	-1024.1	0.00	0.00	1465.8	
5	9468.9	65.00	0.31	9151.6	1633.6	-1063.6	10.00	43.16	1792.0	
6	9568.9	65.00	0.31	9193.8	1724.2	-1063.1	0.00	0.00	1881.2	
7	9818.9	90.00	0.31	9247.5	1966.4	-1061.8	10.00	0.00	2119.5	14-4-3-1E-WS TGT LP
8	13819.9	90.00	0.31	9247.5	5967.3	-1040.2	0.00	0.00	6057.3	

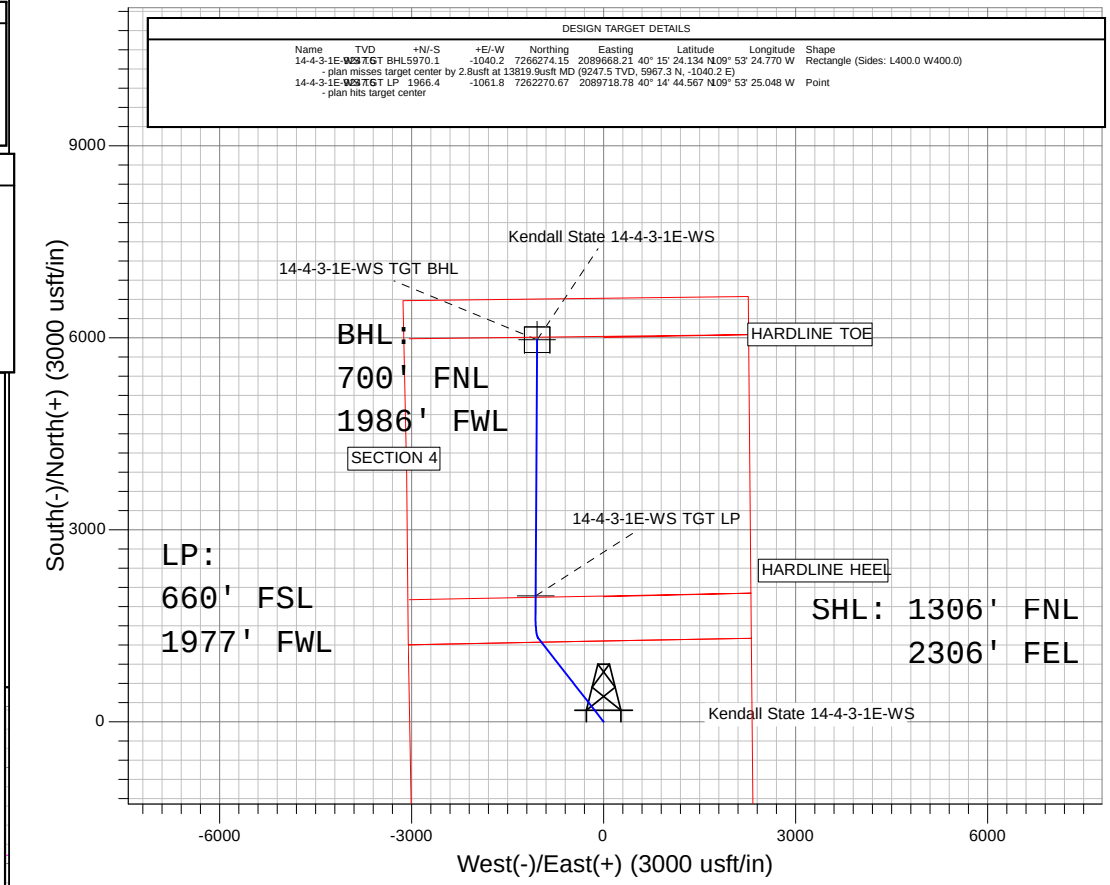
FORMATION TOP DETAILS

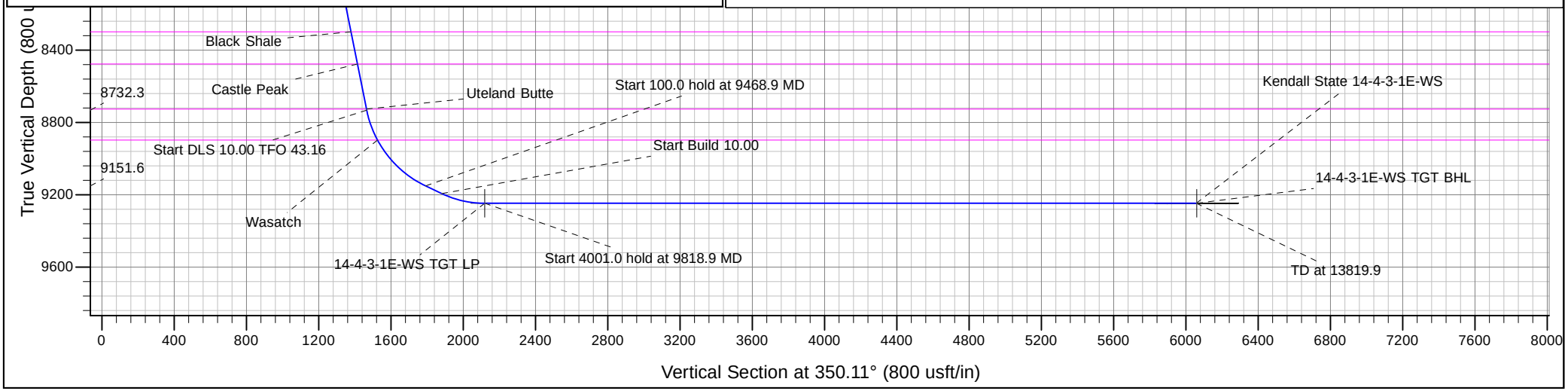
TVDPath	MDPath	Formation	DipAngle	DipDir
5279.5	5375.0	Upper Green River	0.00	
5803.5	5912.7	Mahogany	0.00	
7050.5	7191.5	Garden Gulch	0.00	
7965.5	8129.9	Douglas Creek	0.00	
8299.5	8472.4	Black Shale	0.00	
8476.5	8653.9	Castle Peak	0.00	
8726.5	8910.3	Uteland Butte	0.00	
8897.5	9092.9	Wasatch	0.00	

DESIGN TARGET DETAILS

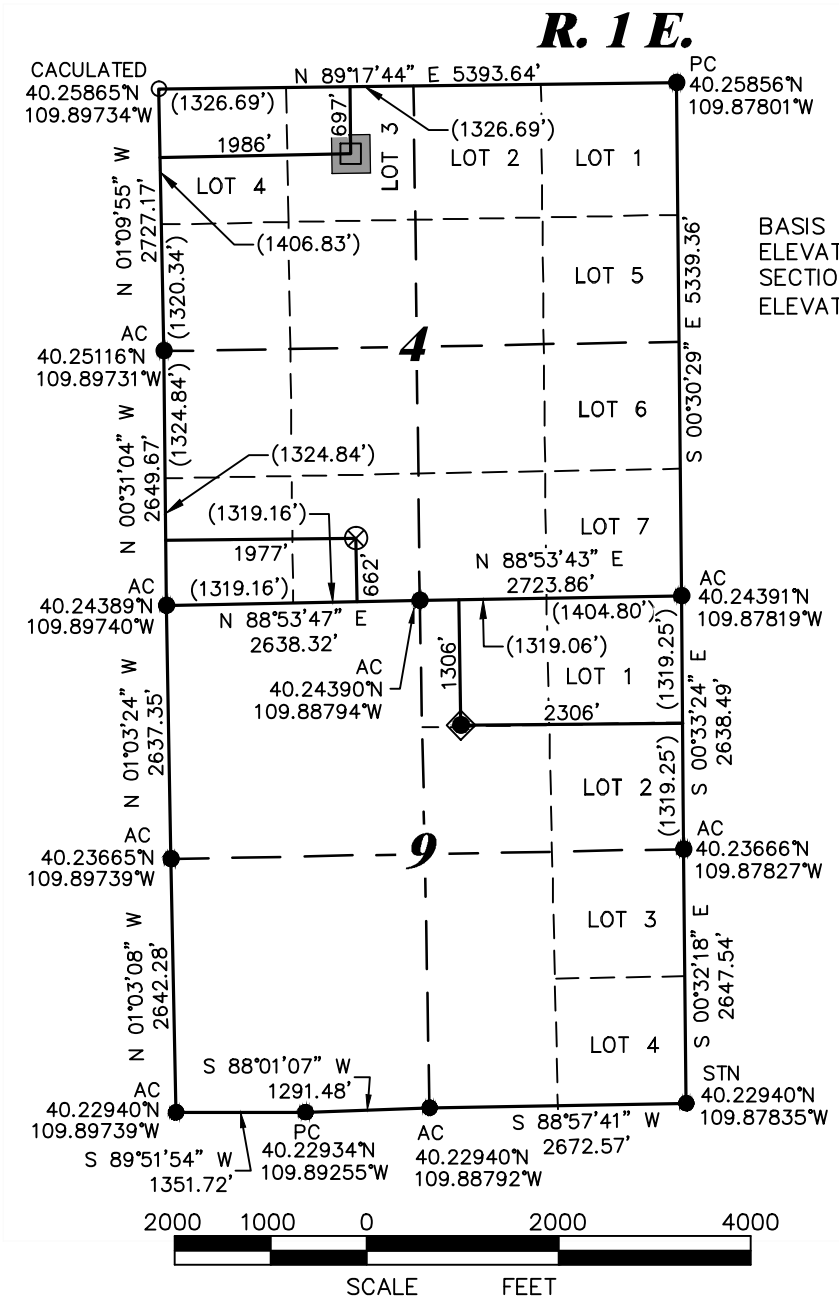
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
14-4-3-1E-WS TGT BHL	5970.1	-1040.2	7266274.15	2089668.21	40° 15' 24.134 N	109° 53' 24.770 W	Rectangle (Sides: L400.0 W400.0)	
- plan misses target center by 2.8usft at 13819.9usft MD (9247.5 TVD, 5967.3 N, -1040.2 E)								
14-4-3-1E-WS TGT LP	1966.4	-1061.8	7262270.67	2089718.78	40° 14' 44.567 N	109° 53' 25.048 W	Point	
- plan hits target center								







RECEIVED: Jul. 28, 2014



KENDALL STATE 14-4-3-1E-WS

UNGRADED ELEVATION: 4945.5'

BASIS OF ELEVATION: USGS SPOT ELEVATION AT THE NE CORNER OF SECTION 9, T3S, R1E, ELEVATION: 4914'

N

SCALE 1" = 2000'

T. 3 S.

BHL

NORTHING (NAD 27)
704612
EASTING (NAD 27)
2449459
LATITUDE (NAD 83)
NORTH 40.256704 DEG.
LONGITUDE (NAD 83)
WEST 109.890214 DEG.
UTM
(ZONE 12, METERS)
NORTHING (NAD 83)
4456840.1
EASTING (NAD 83)
594376.3

KICKOFF

NORTHING (NAD 27)
700609
EASTING (NAD 27)
2449510
LATITUDE (NAD 83)
NORTH 40.245713 DEG.
LONGITUDE (NAD 83)
WEST 109.890291 DEG.
UTM
(ZONE 12, METERS)
NORTHING (NAD 83)
4455620.1
EASTING (NAD 83)
594385.0

DRAWING DATUM
SPCS UTC (NAD27)

SHL

NORTHING (NAD27)
698661.79
EASTING (NAD27)
2450606.68

LATITUDE (NAD83)
NORTH 40.240315 DEG.
LONGITUDE (NAD83)
WEST 109.886487 DEG.
UTM
(ZONE 12, METERS)
NORTHING (NAD83)
4455024.97
EASTING (NAD83)
594716.10

SURVEYOR'S STATEMENT

I, DAVID E. HENDERHAN, OF GRAND JUNCTION, COLORADO, HEREBY STATE: THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL FIELD SURVEY DONE UNDER MY DIRECT SUPERVISION ON JUNE 18, 2014 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF KENDALL STATE 14–4–3–1E–WS AS STAKED ON THE GROUND.

STATE OF UTAH
DAVID E. HENDERHAN
8262603
PROFESSIONAL LAND SURVEYOR

UTAH PLS No. 8262603–2201

LEGEND

- WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- KICK OUT POINT (APPROX)
- FOUND MONUMENT (LAT/LONG VALUES ARE NAD83)
- CALCULATED MONUMENT
- 400'x400' DRILLING WINDOW

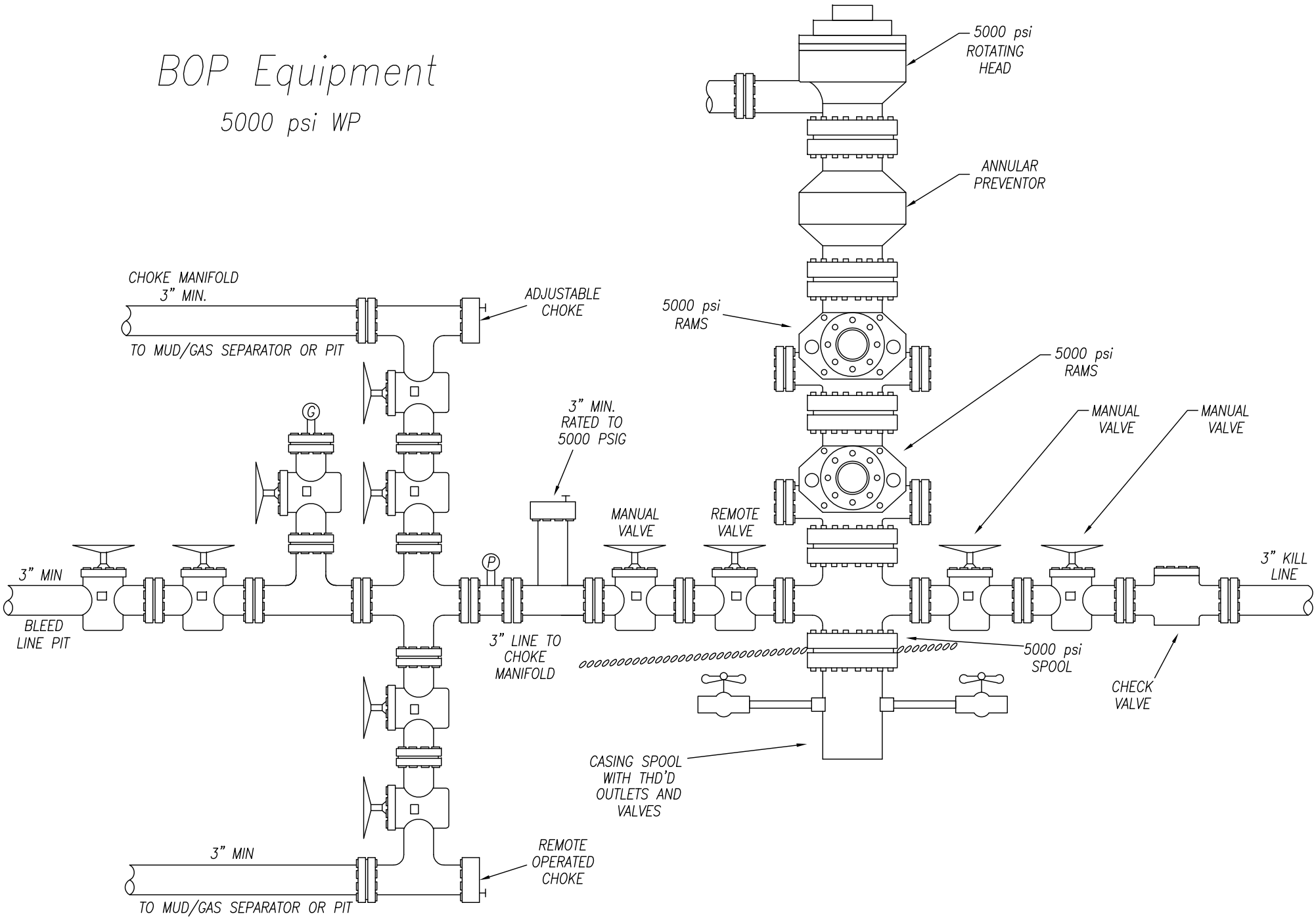
DRIFFIN & ASSOCIATES, INC.
(307) 362-5028
1414 ELK ST., ROCK SPRINGS, WY 82901

PLAT OF DRILLING LOCATION IN NWNE, SECTION 9, FOR CRESCENT POINT ENERGY

DRAWN: 6/16/14 - JMB	SCALE: 1" = 1000'
REVISED: NA	DRG JOB No. 20607
	EXHIBIT 1

1306' F/NL & 2306' F/EL, SECTION 9, T. 3 S., R. 1 E., U.S.M. UINTAH COUNTY, UTAH

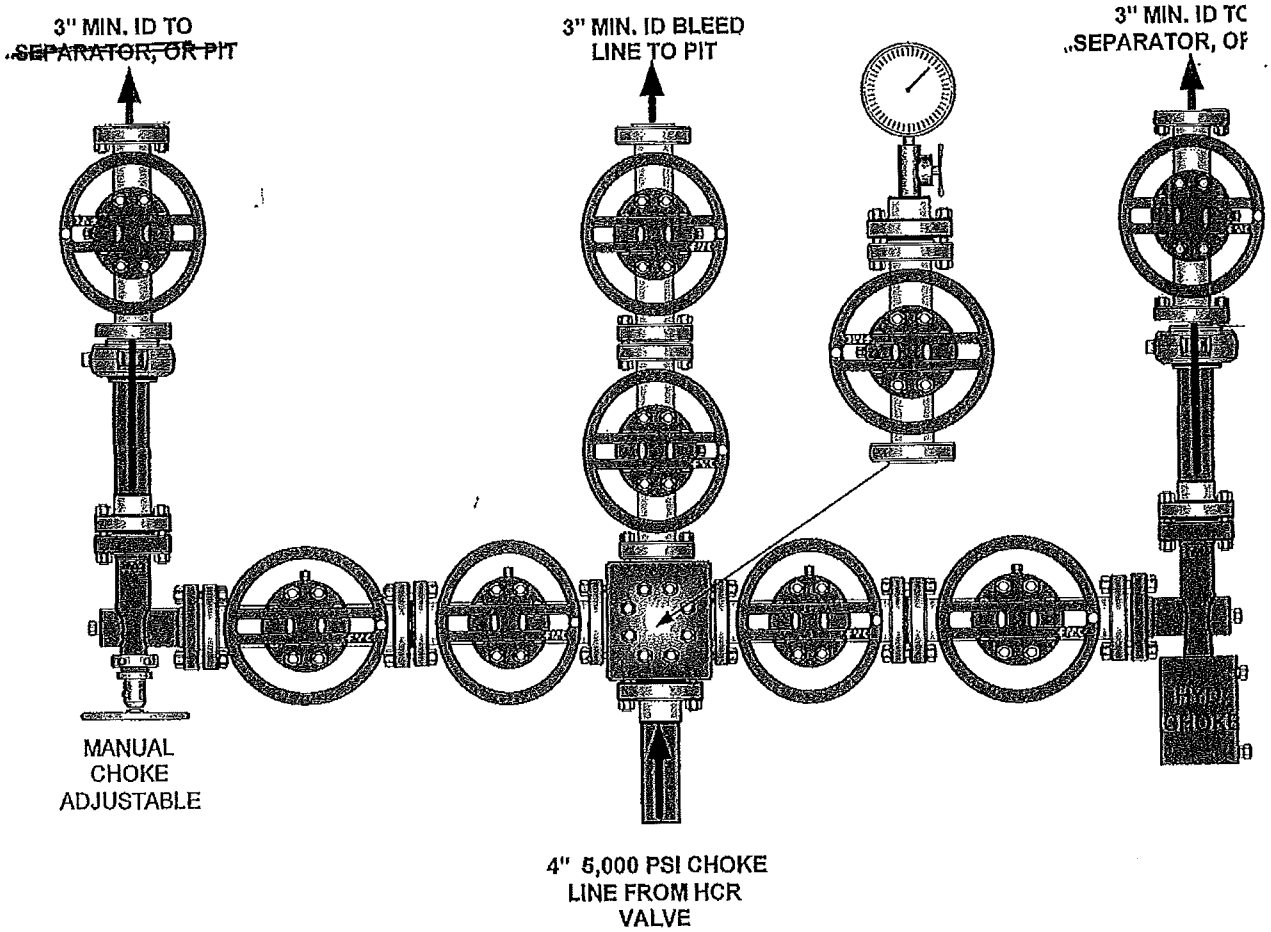
RECEIVED: Jul. 28, 2014



RECEIVED: Jul. 28, 2014

Capstar

CHOKE MANIFOLD CONFIGURATION
W/ 5,000 PSI WP VALVES



Crescent Point

main / 720.880.3610
fax / 303.292.1562
toll free / 1.888.693.0020

555 17th Street, Suite 1800
Denver, Colorado
USA 80202

July 18, 2014

VIA OVERNIGHT DELIVERY

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
1594 West North Temple
Salt Lake City, UT 84116

RE: Exception Location Request
Kendall State 14-4-3-1E-WS
Township 3 South, Range 1 East, USM
Surface Location: Section 9, NW/4NE/4
Point of First Production: Section 4, SE/4SW/4
Bottom Hole Location: Section 4, NE/4NW/4
Uintah County, Utah

Dear Mr. Hill

Due to surface access constraints, Crescent Point Energy U.S. Corp's ("Crescent Point") captioned wellbore will cross a section line. As a result, a portion of the wellbore will be closer than 660' from a section line as required by the State of Utah's default well siting rule R649-3-2. Crescent Point plans to drill the well horizontally from a surface location of 1306' FNL & 2306' FEL in the adjoining section 9 to a bottom hole location of 697' FNL & 1986' FWL of Section 4, T3S-R1E. Crescent Point shall case and cement the captioned wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FSL of Section 4, T3S-R1E. The cased and cemented portion of the wellbore shall not be perforated nor produced.

Crescent Point has attempted to solicit consent from 100% of the unleased and working interest owners within a 460' radius of the proposed wellbore, and has obtained consent from the vast majority, but has not been able to elicit a response from a minor interest owner in lands adjoining the drilling and spacing unit. Due to Crescent Point's cement, casing design, and completion plans, as well as the productive portion of the wellbore adhering to R649-3-2.3, Crescent Point believes all owners' correlative rights are being protected.

Due to these circumstances, Crescent Point respectfully requests your consent to the above described exception location. If you are in agreement, please verify your consent by signing and dating in the space provided on the second page and return to my attention at rwaller@crescentpointenergy.com. You may also reach me with any questions at (303) 382-6786. Your timely consideration is greatly appreciated.

Sincerely,

Ryan Waller
Landman

Crescent Point

main / 720.880.3610
fax / 303.292.1562
toll free / 1.888.693.0020

555 17th Street, Suite 1800
Denver, Colorado
USA 80202

July 18, 2014

VIA OVERNIGHT DELIVERY

State of Utah
Division of Oil, Gas and Mining
ATTN: Brad Hill
1594 West North Temple
Salt Lake City, UT 84116

RE: Notice of Application for Permit to Drill (R649-3-2)
Kendall State 14-4-3-1E-WS
Township 3 South, Range 1 East, USM
Section 4
Uintah County, Utah

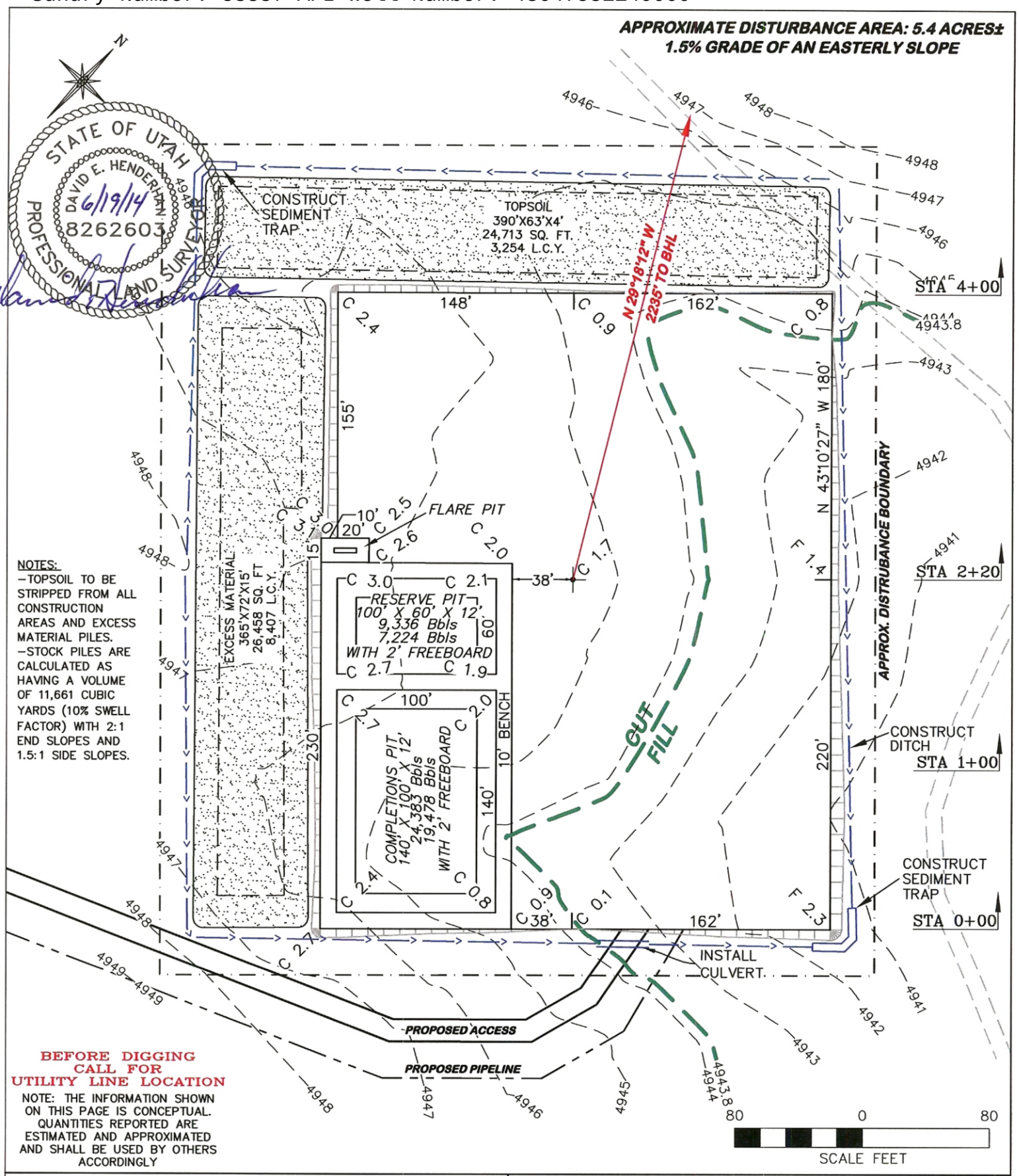
Dear Mr. Hill:

Pursuant to Utah Admin Code R649-3-2, please be advised that Crescent Point Energy U.S. Corp will provide notice via certified mail of the Application for Permit to Drill for the captioned horizontal well to all owners within the boundaries of the designated temporary spacing unit.

If you have any questions or require further information, please contact me at (303) 382-6786 or rwaller@crescentpointenergy.com.

Sincerely,

Ryan Waller
Landman

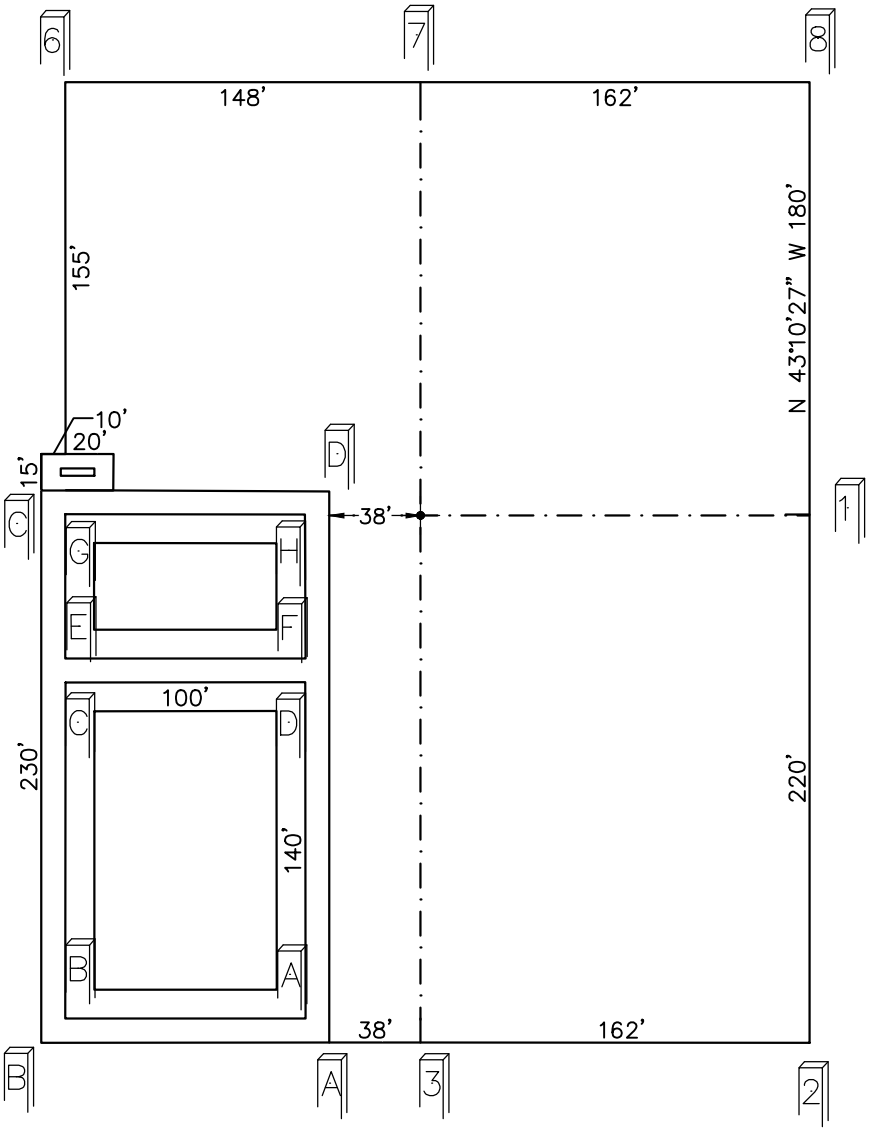


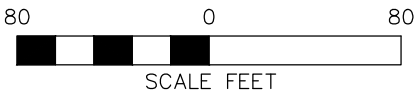
DRIFFIN & ASSOCIATES, INC.
(307) 362-5028
1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 6/16/14 - JMB	SCALE: 1" = 80'
REVISED: NA	DRG JOB No. 20607
	FIGURE #1

CRESCENT POINT ENERGY
KENDALL STATE 14-4-3-1E-WS
SECTION 9, T3S, R1E

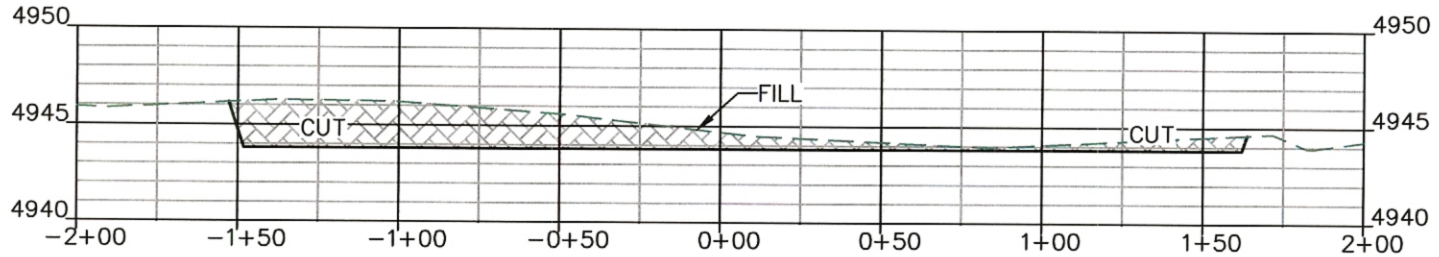
UNGRADED ELEVATION: 4945.5'
FINISHED ELEVATION: 4943.8'



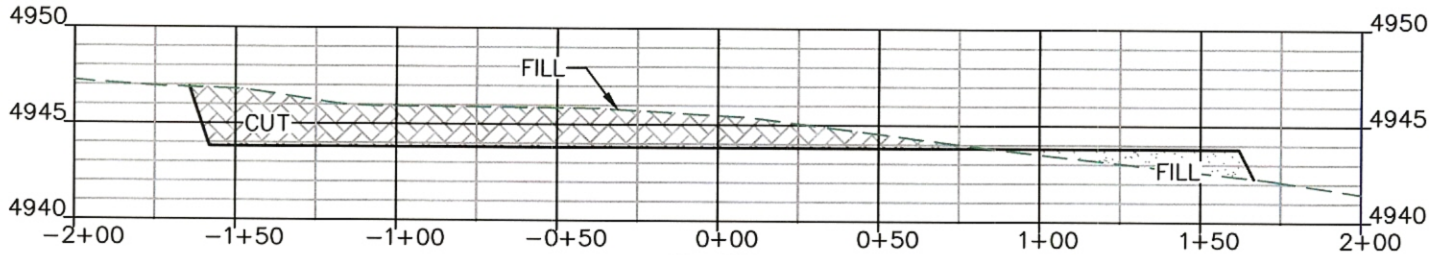


DRG RIFFIN & ASSOCIATES, INC. (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901	**CRESCENT POINT ENERGY** **KENDALL STATE 14-4-3-1E-WS** **SECTION 9, T3S, R1E**
DRAWN: 6/16/14 - JMB / SCALE: 1" = 80'	
REVISED: NA / DRG JOB No. 20607	UNGRADED ELEVATION: 4945.5' FINISHED ELEVATION: 4943.8'
FIGURE #1A	

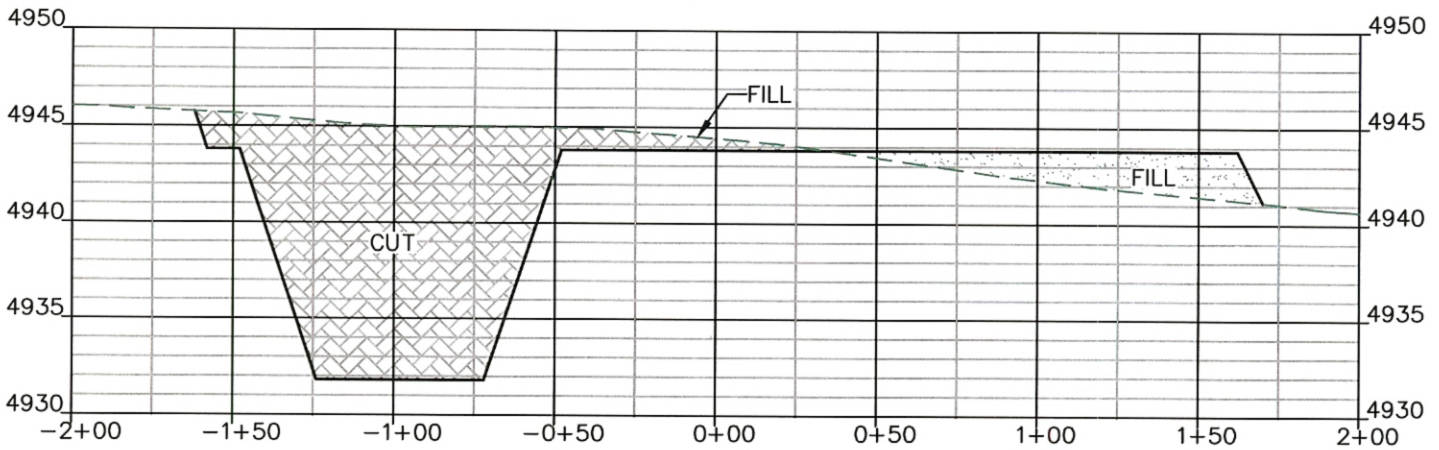
RECEIVED: Jul. 28, 2014



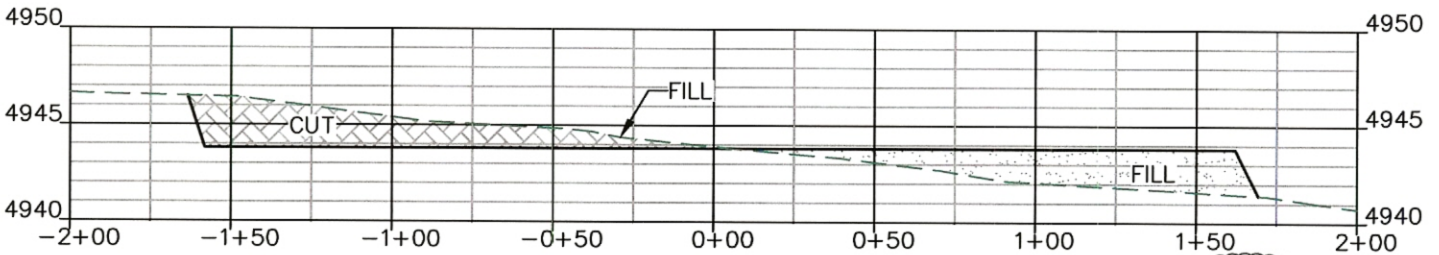
4+00



2+20



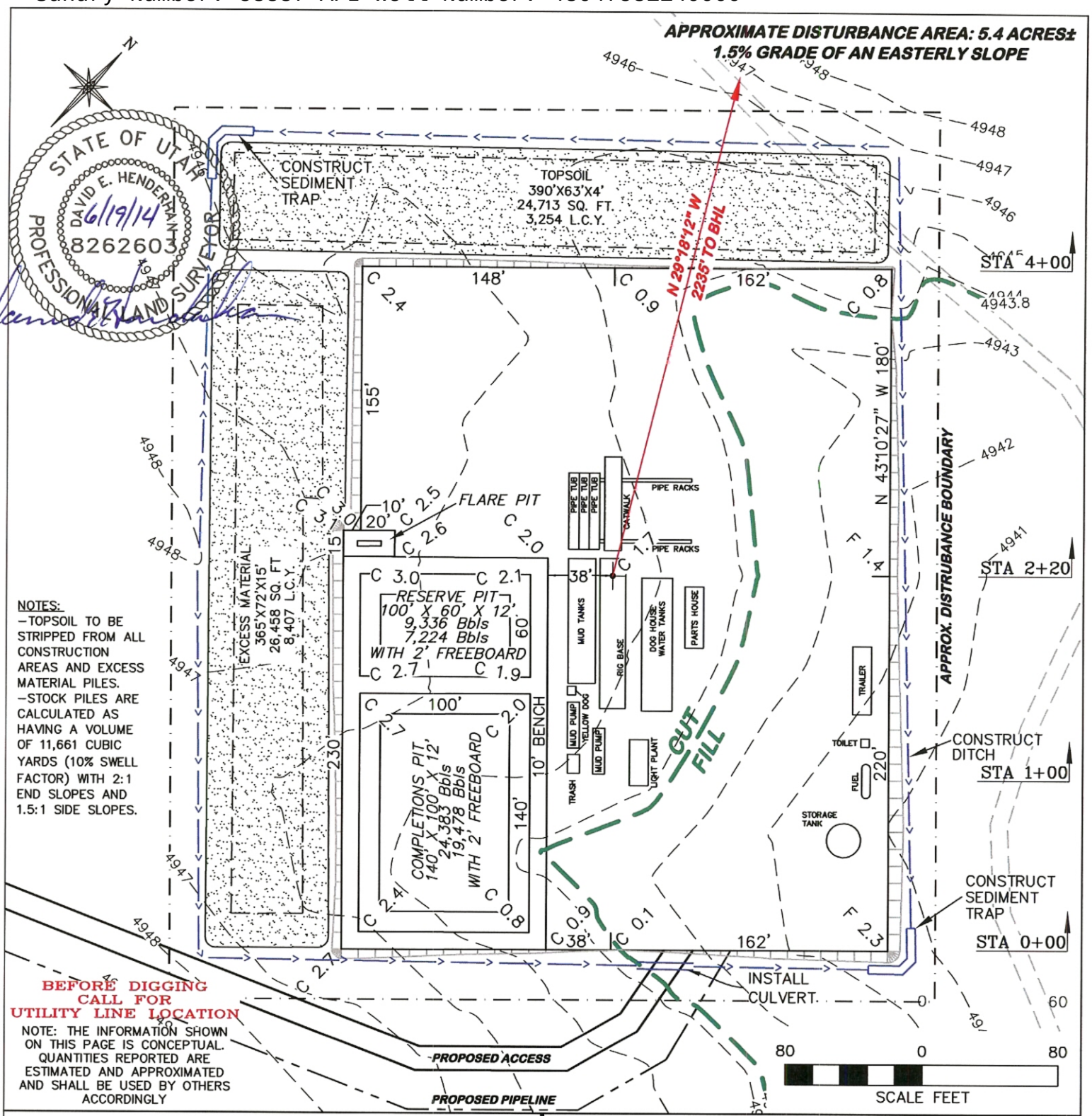
1+00



0+00

STATE OF UTAH
DAVID E. HENDERHAN
6/19/14
8262603
PROFESSIONAL LAND SURVEYOR

DRIFFIN & ASSOCIATES, INC. (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901	**CRESCENT POINT ENERGY KENDALL STATE 14-4-3-1E-WS SECTION 9, T3S, R1E**
DRAWN: 6/16/14 - JMB	HORZ. 1" = 60' VERT. 1" = 10'
REVISED: NA	DRG JOB No. 20607
	FIGURE #2
	UNGRADED ELEVATION: 4945.5' FINISHED ELEVATION: 4943.8'



NOTES:
- TOPSOIL TO BE STRIPPED FROM ALL CONSTRUCTION AREAS AND EXCESS MATERIAL PILES.
- STOCK PILES ARE CALCULATED AS HAVING A VOLUME OF 11,661 CUBIC YARDS (10% SWELL FACTOR) WITH 2:1 END SLOPES AND 1.5:1 SIDE SLOPES.

BEFORE DIGGING CALL FOR UTILITY LINE LOCATION

NOTE: THE INFORMATION SHOWN ON THIS PAGE IS CONCEPTUAL. QUANTITIES REPORTED ARE ESTIMATED AND APPROXIMATED AND SHALL BE USED BY OTHERS ACCORDINGLY

ESTIMATED EARTHWORK BANK

ITEM	TOPSOIL	CUT	FILL	EXCESS
PAD	2958 BCY	2202 BCY	1727 BCY	475 BCY
PIT		7011 BCY		7011 BCY
TOTALS	2958 BCY	9213 BCY	1727 BCY	7486 BCY

ESTIMATED EARTHWORK LOOSE (10% SWELL)

ITEM	TOPSOIL	CUT	FILL	EXCESS
PAD	3254 BCY	2422 BCY	1727 BCY	695 BCY
PIT		7712 BCY		7712 BCY
TOTALS	3254 BCY	10134 BCY	1727 BCY	8407 BCY

DRIFFIN & ASSOCIATES, INC.
1414 ELK ST., ROCK SPRINGS, WY 82901
(307) 362-5028

DRAWN: 6/16/14 - JMB
SCALE: 1" = 80'
REVISED: NA
DRG JOB No. 20607
FIGURE #3

CRESCENT POINT ENERGY
KENDALL STATE 14-4-3-1E-WS
SECTION 9, T3S, R1E

UNGRADED ELEVATION: 4945.5'
FINISHED ELEVATION: 4943.8'

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
KENDALL STATE 14-4-3-1E-WS

2. NAME OF OPERATOR:
CRESCENT POINT ENERGY U.S. CORP

9. API NUMBER:
43047531140000

3. ADDRESS OF OPERATOR:
555 17th Street, Suite 750 , Denver, CO, 80202

PHONE NUMBER:
720 880-3621 Ext

9. FIELD and POOL or WILDCAT:
INDEPENDENCE

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1306 FNL 2306 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 09 Township: 03.0S Range: 01.0E Meridian: U

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 12/17/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescent Point Energy would like to set surface casing at 3,000' on the Kendall State 14-4-3-1E-WS (instead of 1,500'). This will help to isolate weak/unstable zones that have caused issues in the area while drilling intermediate hole section. Please see attachment

Approved by the Utah Division of Oil, Gas and Mining

Date: December 15, 2014

By: Dark K Quist

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kristen Johnson	303 308-6270	Regulatory Technician

SIGNATURE	DATE
N/A	12/15/2014

RECEIVED: Dec. 15, 2014

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047531140000

A properly maintained and lubricated rotating head should be used for all air drilling. If a waterflow is encountered, contact the Division as a change to the cementing program may be necessary.

RECEIVED: Dec. 15, 2014

Casing Specifications								
	Csg Dia	Weight	Grade	Cxn	Burst Pipe	Collapse Pipe	Tensile Pipe	Tensile Cnxn
Surface	9-5/8"	36	J-55	STC	3520	2020	564	394

Loads			
	Kick Burst	Evac Clps	Tension
Surface	810	1117	72

Safety Factors				
	Kick Burst	Evac Clps	Tension Pipe	Tension Cnxn
Surface	4.35	1.81	7.83	5.47

Cement Details

Lead (0'-2500')

- Type: Premium Type V
- Density: 12.0 ppg
- Volume: 287 sacks (146.4 bbls)
- Yield: 2.86 ft^3/sk
- Excess: 75%

Tail: (2500'-3000')

- Type: Premium Type G
- Density: 15.8 ppg
- Volume: 238 sacks (48.8 bbls)
- Yield: 1.15 ft^3/sk
- Excess: 75%

RECEIVED: Dec. 15, 2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: Oil Well

8. WELL NAME and NUMBER: KENDALL STATE 14-4-3-1E-WS

2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP

9. API NUMBER: 43047531140000

3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202
PHONE NUMBER: 720 880-3621 Ext

9. FIELD and POOL or WILDCAT: INDEPENDENCE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1306 FNL 2306 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 09 Township: 03.0S Range: 01.0E Meridian: U

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 1/27/2015	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	✓ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescent Point Energy spoke with Dustin Doucet last week to inform UDOGM and receive verbal approval that we would be sidetracking the Kendall State 14-4-3-1E-WS in order to drill around a bit that was lost while drilling. The KOP and LP remain unchanged from the original directional plan and there are no other changes to the approved drill plan at this time. Attached are the updated directional plans as well as the details of the cement plug that we used for our sidetrack operations

Approved by the
February 19, 2015
Oil, Gas and Mining

Date:

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kristen Johnson	303 308-6270	Regulatory Technician

SIGNATURE	DATE
N/A	1/26/2015

RECEIVED: Jan. 26, 2015

Crescent Point

ST1 R0

Borehole:	Well:	Field:	Structure:
ST1	Kendall State 14-4-3-1E-WS	UT, Uinta County (NAD 83 CZ)	9-3S-1E (Kendall State 14-4-3-1E-WS) - Capstar 330

Gravity & Magnetic Parameters	Surface Location NAD83 Utah State Plane, Central Zone, US Feet	Miscellaneous
Model: HDGM 2014 Dip: 66.029° Date: 15-Jan-2015	Lat: N 40 14 25.10 Northing: 7260320.26ftUS Grid Conv: 1.0336°	Slot: Kendall State 14-4-3-1E-WS TVD Ref: KB 13ft(4959ft above MSL)
MagDec: 10.777° FS: 52076.747nT Gravity FS: 998.971mgn (9.80665 Based)	Lon: W 109 53 11.40 Easting: 2090812.34ftUS Scale Fact: 0.99992379	Plan: Kendall State 14-4-3-1E-WS ST1 R0 mdv 15Jan15

Proposal

True
Grid
Mag

True North
Tot Corr (M->T 10.777°)
Mag Dec (10.777°)
Grid Conv (1.034°)

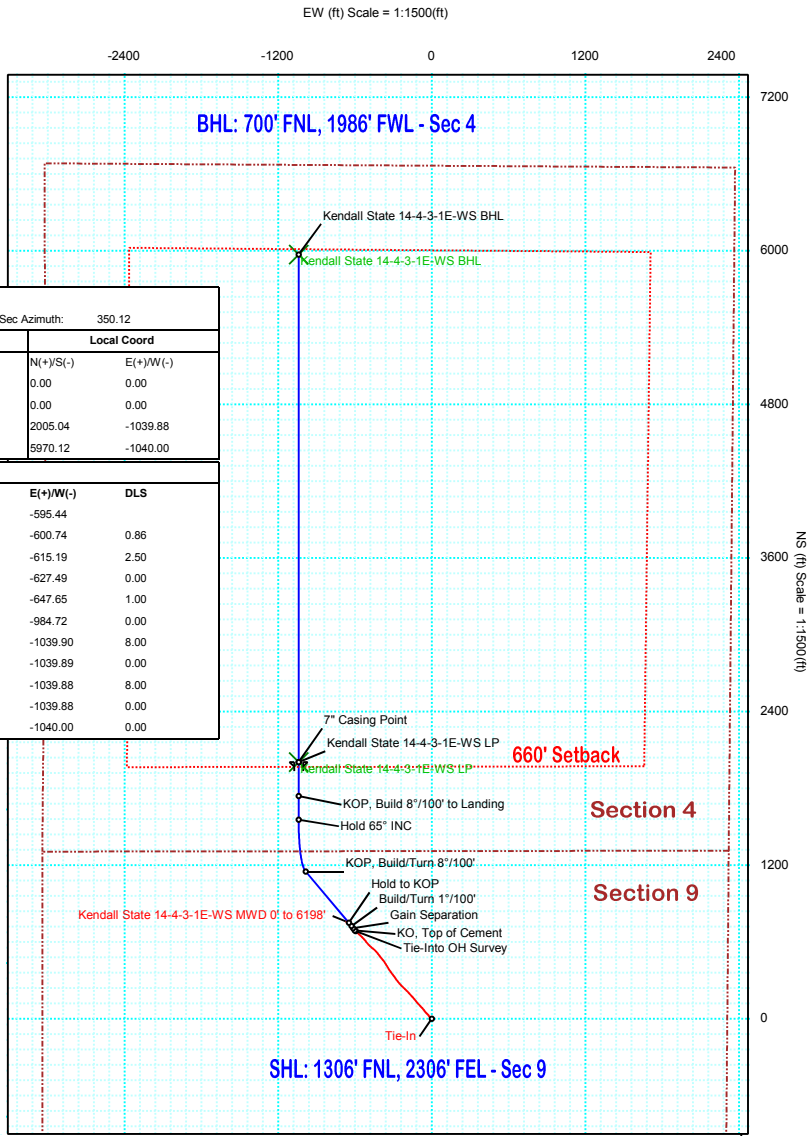
Surface Location

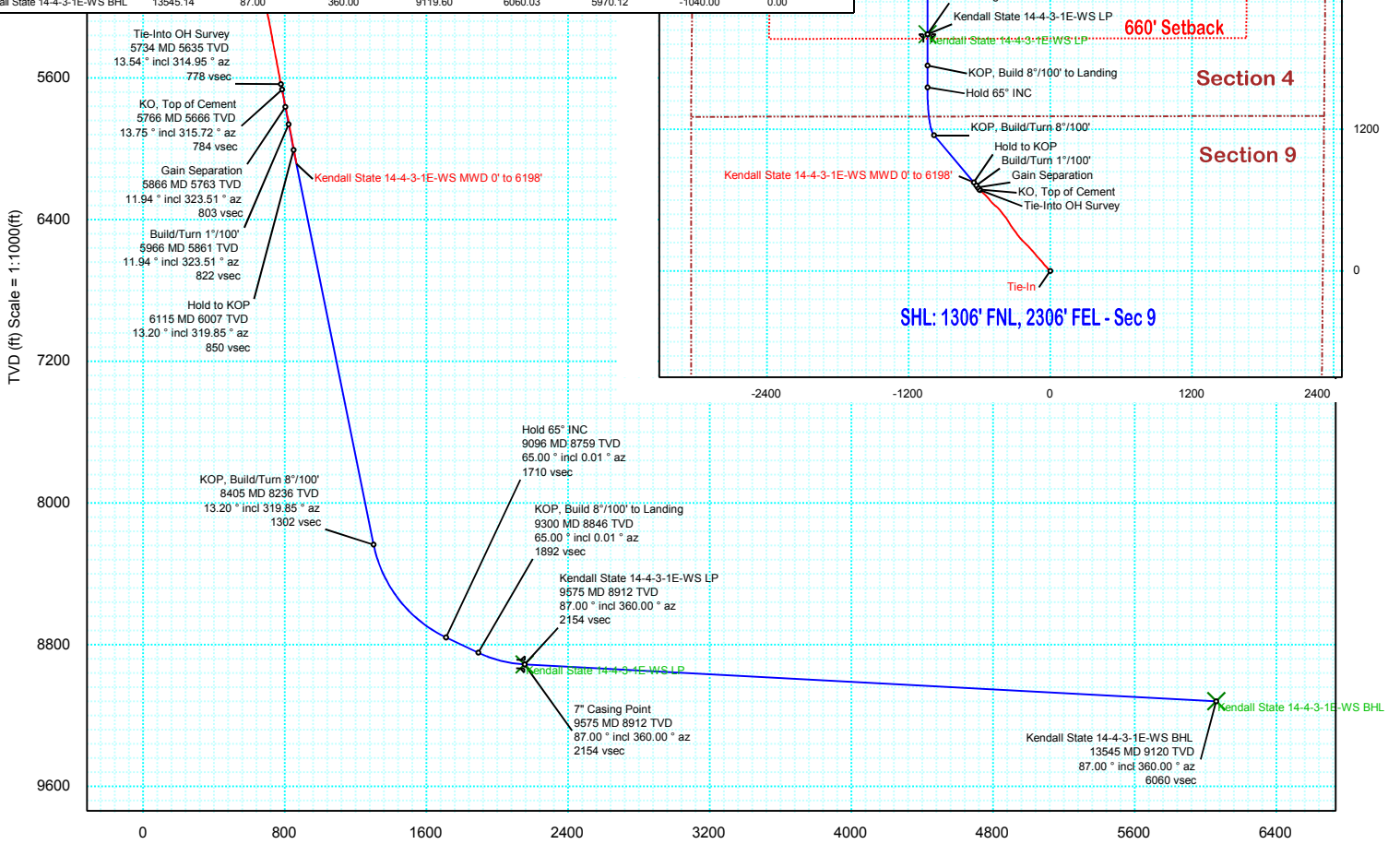
Northing: 7260320.265 Easting: 2090812.34 Latitude: N 40 14 25.10 Longitude: W 109 53 11.40 VSec Azimuth: 350.12

Target Description	Grid Coord						Local Coord	
Target Name	Latitude	Longitude	Northing	Easting	TVD	VSec	N(+)/S(-)	E(+)/W(-)
Kendall State 14-4-3-1E-WS Section Line	N 40 14 25.10	W 109 53 11.40	7260320.27	2090812.34	4959.00	0.00	0.00	0.00
Kendall State 14-4-3-1E-WS 660' Setback	N 40 14 25.10	W 109 53 11.40	7260320.27	2090812.34	4959.00	0.00	0.00	0.00
Kendall State 14-4-3-1E-WS LP	N 40 14 44.91	W 109 53 24.81	7262306.07	2089736.55	8911.80	2153.73	2005.04	-1039.88
Kendall State 14-4-3-1E-WS BHL	N 40 15 24.10	W 109 53 24.81	7266270.19	2089664.91	9119.60	6060.03	5970.12	-1040.00

Critical Points

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
Tie-Into OH Survey	5734.00	13.54	314.95	5634.79	777.76	685.76	-595.44	
KO, Top of Cement	5766.00	13.75	315.72	5665.88	783.96	691.13	-600.74	0.86
Gain Separation	5866.00	11.94	323.51	5763.39	803.01	707.95	-615.19	2.50
Build/Turn 1°/100'	5966.00	11.94	323.51	5861.22	821.50	724.58	-627.49	0.00
Hold to KOP	6115.21	13.20	319.85	6006.86	850.02	750.01	-647.65	1.00
KOP, Build/Turn 8°/100'	8404.71	13.20	319.85	8235.87	1301.57	1149.65	-984.72	0.00
Hold 65° INC	9095.60	65.00	0.00	8759.45	1710.32	1554.95	-1039.90	8.00
KOP, Build 8°/100' to Landing	9299.57	65.00	0.00	8845.66	1892.43	1739.80	-1039.89	0.00
Kendall State 14-4-3-1E-WS LP	9574.62	87.00	360.00	8911.80	2153.73	2005.04	-1039.88	8.00
7" Casing Point	9574.72	87.00	360.00	8911.81	2153.83	2005.14	-1039.88	0.00
Kendall State 14-4-3-1E-WS BHL	13545.14	87.00	360.00	9119.60	6060.03	5970.12	-1040.00	0.00





Crescent Point ENERGY CORP

PATHFINDER A Schlumberger Company

Kendall State 14-4-3-1E-WS ST1 R0 mdv 15Jan15 Proposal Geodetic Report

(Def Plan)

Report Date:	January 15, 2015 - 01:07 PM	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	Crescent Point	**Vertical Section Azimuth:**	350.120 ° (True North)
Field:	UT, Uinta County (NAD 83 CZ)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Crescent Point 9-3S-1E (Kendall State 14-4-3-1E-WS) - Capstar 330 / Kendall State 14-4-3-1E-WS	**TVD Reference Datum:**	KB 13ft
Well:	Kendall State 14-4-3-1E-WS	**TVD Reference Elevation:**	4959.000 ft above MSL
Borehole:	ST1	**Seabed / Ground Elevation:**	4946.000 ft above MSL
UWI / API#:	Unknown / Unknown	**Magnetic Declination:**	10.777 °
Survey Name:	Kendall State 14-4-3-1E-WS ST1 R0 mdv 15Jan15	**Total Gravity Field Strength:**	998.9706mgn (9.80665 Based)
Survey Date:	January 15, 2015	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	128.572 ° / 6357.399 ft / 6.084 / 0.697	**Total Magnetic Field Strength:**	52076.747 nT
Coordinate Reference System:	NAD83 Utah State Plane, Central Zone, US Feet	**Magnetic Dip Angle:**	66.029 °
Location Lat / Long:	N 40° 14' 25.10000", W 109° 53' 11.40000"	**Declination Date:**	January 15, 2015
Location Grid N/E Y/X:	N 7260320.265 ftUS, E 2090812.340 ftUS	**Magnetic Declination Model:**	HDGM 2014
CRS Grid Convergence Angle:	1.0336 °	**North Reference:**	True North
Grid Scale Factor:	0.99992379	**Grid Convergence Used:**	0.0000 °
Version / Patch:	2.8.572.0	**Total Corr Mag North->True North:**	10.7769 °
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)		Latitude (N/S ° ' ")		Longitude (E/W ° ' ")
Tie-Into OH Survey	5734.00	13.54	314.95	5634.79	777.76	685.76	-595.44	N/A	7260995.12	2090204.68	N	40 14 31.88	W	109 53 19.08
KO, Top of Cement	5766.00	13.75	315.72	5665.88	783.96	691.13	-600.74	0.86	7261000.39	2090199.28	N	40 14 31.93	W	109 53 19.15
	5800.00	13.11	318.13	5698.96	790.56	696.89	-606.13	2.50	7261006.06	2090193.78	N	40 14 31.99	W	109 53 19.22
Gain Separation	5866.00	11.94	323.51	5763.39	803.01	707.95	-615.19	2.50	7261016.95	2090184.53	N	40 14 32.10	W	109 53 19.33
	5900.00	11.94	323.51	5796.65	809.30	713.61	-619.37	0.00	7261022.53	2090180.25	N	40 14 32.15	W	109 53 19.39
Build/Turn 1°/100'	5966.00	11.94	323.51	5861.22	821.50	724.58	-627.49	0.00	7261033.36	2090171.93	N	40 14 32.26	W	109 53 19.49
	6000.00	12.22	322.61	5894.47	827.84	730.27	-631.76	1.00	7261038.96	2090167.56	N	40 14 32.32	W	109 53 19.55
	6100.00	13.07	320.20	5992.05	847.03	747.37	-645.43	1.00	7261055.81	2090153.59	N	40 14 32.49	W	109 53 19.72
Hold to KOP	6115.21	13.20	319.85	6006.86	850.02	750.01	-647.65	1.00	7261058.42	2090151.32	N	40 14 32.51	W	109 53 19.75
	6200.00	13.20	319.85	6089.41	866.74	764.81	-660.13	0.00	7261072.99	2090138.57	N	40 14 32.66	W	109 53 19.91
	6300.00	13.20	319.85	6186.77	886.46	782.27	-674.85	0.00	7261090.17	2090123.54	N	40 14 32.83	W	109 53 20.10
	6400.00	13.20	319.85	6284.12	906.19	799.72	-689.58	0.00	7261107.36	2090108.50	N	40 14 33.00	W	109 53 20.29
	6500.00	13.20	319.85	6381.48	925.91	817.18	-704.30	0.00	7261124.54	2090093.47	N	40 14 33.18	W	109 53 20.48
	6600.00	13.20	319.85	6478.84	945.63	834.63	-719.02	0.00	7261141.73	2090078.44	N	40 14 33.35	W	109 53 20.67
	6700.00	13.20	319.85	6576.20	965.35	852.09	-733.74	0.00	7261158.92	2090063.40	N	40 14 33.52	W	109 53 20.86
	6800.00	13.20	319.85	6673.55	985.08	869.55	-748.47	0.00	7261176.10	2090048.37	N	40 14 33.69	W	109 53 21.05
	6900.00	13.20	319.85	6770.91	1004.80	887.00	-763.19	0.00	7261193.29	2090033.33	N	40 14 33.87	W	109 53 21.24
	7000.00	13.20	319.85	6868.27	1024.52	904.46	-777.91	0.00	7261210.47	2090018.30	N	40 14 34.04	W	109 53 21.43
	7100.00	13.20	319.85	6965.63	1044.24	921.91	-792.64	0.00	7261227.66	2090003.27	N	40 14 34.21	W	109 53 21.62
	7200.00	13.20	319.85	7062.99	1063.97	939.37	-807.36	0.00	7261244.84	2089988.23	N	40 14 34.38	W	109 53 21.81
	7300.00	13.20	319.85	7160.34	1083.69	956.82	-822.08	0.00	7261262.03	2089973.20	N	40 14 34.56	W	109 53 22.00
	7400.00	13.20	319.85	7257.70	1103.41	974.28	-836.80	0.00	7261279.21	2089958.17	N	40 14 34.73	W	109 53 22.19
	7500.00	13.20	319.85	7355.06	1123.13	991.73	-851.53	0.00	7261296.40	2089943.13	N	40 14 34.90	W	109 53 22.38
	7600.00	13.20	319.85	7452.42	1142.86	1009.19	-866.25	0.00	7261313.59	2089928.10	N	40 14 35.07	W	109 53 22.57
	7700.00	13.20	319.85	7549.78	1162.58	1026.64	-880.97	0.00	7261330.77	2089913.06	N	40 14 35.25	W	109 53 22.76
	7800.00	13.20	319.85	7647.13	1182.30	1044.10	-895.69	0.00	7261347.96	2089898.03	N	40 14 35.42	W	109 53 22.95
	7900.00	13.20	319.85	7744.49	1202.02	1061.55	-910.42	0.00	7261365.14	2089883.00	N	40 14 35.59	W	109 53 23.14
	8000.00	13.20	319.85	7841.85	1221.75	1079.01	-925.14	0.00	7261382.33	2089867.96	N	40 14 35.76	W	109 53 23.33
	8100.00	13.20	319.85	7939.21	1241.47	1096.46	-939.86	0.00	7261399.51	2089852.93	N	40 14 35.93	W	109 53 23.52
	8200.00	13.20	319.85	8036.57	1261.19	1113.92	-954.58	0.00	7261416.70	2089837.89	N	40 14 36.11	W	109 53 23.71
	8300.00	13.20	319.85	8133.92	1280.91	1131.37	-969.31	0.00	7261433.88	2089822.86	N	40 14 36.28	W	109 53 23.90
	8400.00	13.20	319.85	8231.28	1300.64	1148.83	-984.03	0.00	7261451.07	2089807.83	N	40 14 36.45	W	109 53 24.09
KOP, Build/Turn 8°/100'	8404.71	13.20	319.85	8235.87	1301.57	1149.65	-984.72	0.00	7261451.88	2089807.12	N	40 14 36.46	W	109 53 24.10
	8500.00	19.32	336.42	8327.35	1326.31	1172.45	-998.06	8.00	7261474.43	2089793.37	N	40 14 36.69	W	109 53 24.27
	8600.00	26.57	345.20	8419.40	1364.73	1209.30	-1010.42	8.00	7261511.04	2089780.35	N	40 14 37.05	W	109 53 24.43
	8700.00	34.14	350.36	8505.64	1415.16	1258.67	-1020.85	8.00	7261560.22	2089769.04	N	40 14 37.54	W	109 53 24.56
	8800.00	41.86	353.82	8584.39	1476.62	1319.60	-1029.15	8.00	7261620.98	2089759.64	N	40 14 38.14	W	109 53 24.67
	8900.00	49.65	356.37	8654.12	1547.90	1390.91	-1035.16	8.00	7261692.17	2089752.34	N	40 14 38.84	W	109 53 24.75
	9000.00	57.48	358.38	8713.48	1627.63	1471.21	-1038.77	8.00	7261772.39	2089747.29	N	40 14 39.64	W	109 53 24.80
Hold 65° INC	9095.60	65.00	0.00	8759.45	1710.32	1554.95	-1039.90	8.00	7261856.08	2089744.64	N	40 14 40.47	W	109 53 24.81
	9100.00	65.00	0.00	8761.30	1714.25	1558.93	-1039.90	0.00	7261860.07	2089744.57	N	40 14 40.51	W	109 53 24.81
	9200.00	65.00	0.00	8803.57	1803.53	1649.56	-1039.89	0.00	7261950.67	2089742.94	N	40 14 41.40	W	109 53 24.81
KOP, Build 8°/100' to Landing	9299.57	65.00	0.00	8845.66	1892.43	1739.80	-1039.89	0.00	7262040.89	2089741.32	N	40 14 42.29	W	109 53 24.81
	9300.00	65.03	0.00	8845.84	1892.81	1740.19	-1039.89	8.00	7262041.28	2089741.32	N	40 14 42.30	W	109 53 24.81
	9400.00	73.03	0.00	8881.60	1984.73	1833.49	-1039.88	8.00	7262134.56	2089739.64	N	40 14 43.22	W	109 53 24.81
	9500.00	81.03	360.00	8904.02	2080.65	1930.86	-1039.88	8.00	7262231.90	2089737.88	N	40 14 44.18	W	109 53 24.81
Kendall State 14-4-3-1E-WS LP	9574.62	87.00	360.00	8911.80	2153.73	2005.04	-1039.88	8.00	7262306.07	2089736.55	N	40 14 44.91	W	109 53 24.81
7" Casing Point	*9574.72*	*87.00*	*360.00*	*8911.81*	*2153.83*	*2005.14*	*-1039.88*	*0.00*	*7262306.17*	*2089736.54*	*N*	*40 14 44.91*	*W*	*109 53 24.81*
	9600.00	87.00	360.00	8913.13	2178.70	2030.39	-1039.88	0.00	7262331.41	2089736.09	N	40 14 45.16	W	109 53 24.81
	9700.00	87.00	360.00	8918.36	2277.08	2130.25	-1039.88	0.00	7262431.24	2089734.28	N	40 14 46.15	W	109 53 24.81
	9800.00	87.00	360.00	8923.60	2375.47	2230.11	-1039.89	0.00	7262531.08	2089732.48	N	40 14 47.14	W	109 53 24.81
	9900.00	87.00	360.00	8928.83	2473.85	2329.97	-1039.89	0.00	7262630.92	2089730.68	N	40 14 48.12	W	109 53 24.81
	10000.00	87.00	360.00	8934.06	2572.23	2429.84	-1039.89	0.00	7262730.76	2089728.87	N	40 14 49.11	W	109 53 24.81
	10100.00	87.00	360.00	8939.30	2670.61	2529.70	-1039.90	0.00	7262830.60	2089727.07	N	40 14 50.10	W	109 53 24.81
	10200.00	87.00	360.00	8944.53	2769.00	2629.56	-1039.90	0.00	7262930.44	2089725.26	N	40 14 51.08	W	109 53 24.81
	10300.00	87.00	360.00	8949.76	2867.38	2729.43	-1039.90	0.00	7263030.28	2089723.46	N	40 14 52.07	W	109 53 24.81
	10400.00	87.00	360.00	8955.00	2965.76	2829.29	-1039.90	0.00	7263130.12	2089721.65	N	40 14 53.06	W	109 53 24.81
	10500.00	87.00	360.00	8960.23	3064.14	2929.15	-1039.91	0.00	7263229.96	2089719.85	N	40 14 54.05	W	109 53 24.81
	10600.00	87.00	360.00	8965.46	3162.53	3029.02	-1039.91	0.00	7263329.79	2089718.05	N	40 14 55.03	W	109 53 24.81
	10700.00	87.00	360.00	8970.70	3260.91	3128.88	-1039.91	0.00	7263429.63	2089716.24	N	40 14 56.02	W	109 53 24.81
	10800.00	87.00	360.00	8975.93	3359.29	3228.74	-1039.92	0.00	7263529.47	2089714.44	N	40 14 57.01	W	109 53 24.81
	10900.00	87.00	360.00	8981.16	3457.67	3328.60	-1039.92	0.00	7263629.31	2089712.63	N	40 14 57.99	W	109 53 24.81
	11000.00	87.00	360.00	8986.40	3556.06	3428.47	-1039.92	0.00	7263729.15	2089710.83	N	40 14 58.98	W	109 53 24.81
	11100.00	87.00	360.00	8991.63	3654.44	3528.33	-1039.93	0.00	7263828.99	2089709.02	N	40 14 59.97	W	109 53 24.81
	11200.00	87.00	360.00	8996.87	3752.82	3628.19	-1039.93	0.00	7263928.83	2089707.22	N	40 15 0.95	W	109 53 24.81
	11300.00	87.00	360.00	9002.10	3851.20	3728.06	-1039.93	0.00	7264028.67	2089705.42	N	40 15 1.94	W	109 53 24.81
	11400.00	87.00	360.00	9007.33	3949.59	3827.92	-1039.94	0.00	7264128.50	2089703.61	N	40 15 2.93	W	109 53 24.81

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Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	11500.00	87.00	360.00	9012.57	4047.97	3927.78	-1039.94	0.00	7264228.34	2089701.81	N 40 15 3.91	W 109 53 24.81
	11600.00	87.00	360.00	9017.80	4146.35	4027.64	-1039.94	0.00	7264328.18	2089700.00	N 40 15 4.90	W 109 53 24.81
	11700.00	87.00	360.00	9023.03	4244.73	4127.51	-1039.94	0.00	7264428.02	2089698.20	N 40 15 5.89	W 109 53 24.81
	11800.00	87.00	360.00	9028.27	4343.12	4227.37	-1039.95	0.00	7264527.86	2089696.39	N 40 15 6.87	W 109 53 24.81
	11900.00	87.00	360.00	9033.50	4441.50	4327.23	-1039.95	0.00	7264627.70	2089694.59	N 40 15 7.86	W 109 53 24.81
	12000.00	87.00	360.00	9038.73	4539.88	4427.10	-1039.95	0.00	7264727.54	2089692.79	N 40 15 8.85	W 109 53 24.81
	12100.00	87.00	360.00	9043.97	4638.26	4526.96	-1039.96	0.00	7264827.38	2089690.98	N 40 15 9.83	W 109 53 24.81
	12200.00	87.00	360.00	9049.20	4736.64	4626.82	-1039.96	0.00	7264927.22	2089689.18	N 40 15 10.82	W 109 53 24.81
	12300.00	87.00	360.00	9054.43	4835.03	4726.69	-1039.96	0.00	7265027.05	2089687.37	N 40 15 11.81	W 109 53 24.81
	12400.00	87.00	360.00	9059.67	4933.41	4826.55	-1039.97	0.00	7265126.89	2089685.57	N 40 15 12.80	W 109 53 24.81
	12500.00	87.00	360.00	9064.90	5031.79	4926.41	-1039.97	0.00	7265226.73	2089683.76	N 40 15 13.78	W 109 53 24.81
	12600.00	87.00	360.00	9070.14	5130.17	5026.27	-1039.97	0.00	7265326.57	2089681.96	N 40 15 14.77	W 109 53 24.81
	12700.00	87.00	360.00	9075.37	5228.56	5126.14	-1039.97	0.00	7265426.41	2089680.16	N 40 15 15.76	W 109 53 24.81
	12800.00	87.00	360.00	9080.60	5326.94	5226.00	-1039.98	0.00	7265526.25	2089678.35	N 40 15 16.74	W 109 53 24.81
	12900.00	87.00	360.00	9085.84	5425.32	5325.86	-1039.98	0.00	7265626.09	2089676.55	N 40 15 17.73	W 109 53 24.81
	13000.00	87.00	360.00	9091.07	5523.70	5425.73	-1039.98	0.00	7265725.93	2089674.74	N 40 15 18.72	W 109 53 24.81
	13100.00	87.00	360.00	9096.30	5622.09	5525.59	-1039.99	0.00	7265825.77	2089672.94	N 40 15 19.70	W 109 53 24.81
	13200.00	87.00	360.00	9101.54	5720.47	5625.45	-1039.99	0.00	7265925.60	2089671.14	N 40 15 20.69	W 109 53 24.81
	13300.00	87.00	360.00	9106.77	5818.85	5725.31	-1039.99	0.00	7266025.44	2089669.33	N 40 15 21.68	W 109 53 24.81
	13400.00	87.00	360.00	9112.00	5917.23	5825.18	-1040.00	0.00	7266125.28	2089667.53	N 40 15 22.66	W 109 53 24.81
	13500.00	87.00	360.00	9117.24	6015.62	5925.04	-1040.00	0.00	7266225.12	2089665.72	N 40 15 23.65	W 109 53 24.81
Kendall State 14-4-3-1E-WS BHL	13545.14	87.00	360.00	9119.60	6060.03	5970.12	-1040.00	0.00	7266270.19	2089664.91	N 40 15 24.10	W 109 53 24.81

Survey Type: Def Plan

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	13.000	Act Stns	30.000	30.000	SLB_MWD-STD-Depth Only	Original Hole / Kendall State 14-4-3-1E-WS MWD 0' to 6198'
	1	13.000	975.000	1/98.425	30.000	30.000	SLB_MWD-STD	Original Hole / Kendall State 14-4-3-1E-WS MWD 0' to 6198'
	1	975.000	5734.000	Act Stns	30.000	30.000	SLB_MWD-STD	Original Hole / Kendall State 14-4-3-1E-WS MWD 0' to 6198'
	1	5734.000	9574.000	1/30.000	8.750	7.000	SLB_MWD-STD	ST1 / Kendall State 14-4-3-1E-WS ST1 R0 mdv 15Jan15
	1	9574.000	13545.141	1/100.000	6.125	4.500	SLB_MWD-STD	ST1 / Kendall State 14-4-3-1E-WS ST1 R0 mdv 15Jan15

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HALLIBURTON

CRESCENT POINT ENERGY US CORP
555 17TH ST STE 1800
DENVER, CO, 80202
US

KENDALL STATE 14-4-3-1E-WS
UNDESIGNATED
UINTAH, UT
US
API/UWI 43-047-53114-00
SEC: 9,TWP: 3,RNG: 1
Rig: Capstar 330

Cement KOP Proposal

Proposal 152060 - Version 1.0
January 15, 2015

Submitted by:
Theodore Groff
1125 17th Street Suite 1900
Denver, CO - 80202
USA

HALLIBURTON

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Sundry Number: 60088 API Well Number: 43047531140000

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Halliburton appreciates the opportunity to present this cost estimate and looks forward to being of service to you.

1 Foreword

Enclosed is our cost estimate for cementing the casing strings in the referenced well. The information in this cost estimate includes well data, calculations, materials requirements, and cost estimates. This cost estimate is based on information from you the customer, our field personnel, and previous cementing services in the area.

The selection and use of non-Halliburton plugs and casing attachments can compromise and may jeopardize the overall objective for effective zonal isolation. Furthermore, Halliburton is not involved in the design, manufacture or use of plugs and casing attachments supplied by other manufacturers and assumes no liability for their installation and operation. For this reason we recommend Halliburton plugs and casing attachments be used when Halliburton performs any zonal isolation operation.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this cost estimate for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Prepared by: _____

Philip Readle
Procedure Analyst

SERVICE CENTER: Vernal, UT

SERVICE COORDINATOR: John Trout, John Feuerborn, and Thomas Burrows

PSL DISTRICT MANAGER: Thomas Fankhauser

TECHNOLOGY MANAGER: Jason Wallbaum

PHONE NUMBER: 435.789.2550

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2 KOP

2.1 Job Information KOP

Job Criticality Status: GREEN
Well Name: KENDALL STATE Well #: 14-4-3-1E-WS

4.5" Drill Pipe	0 - 6270 ft (MD)
Outer Diameter	4.5 in
Inner Diameter	3.826 in
Linear Weight	16.6 lbm/ft
8-3/4" Hole	0 - 6270 ft (MD)
Inner Diameter	8.75 in
Excess Factor	50 %

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2.2 Job Volume Estimates KOP

Stage 1

Fluid 1: Rheologically Enhanced Spacer

12.0 lb/gal Tuned Spacer III	Fluid Density:	12 lbm/gal
35.35 gal/bbl FRESH WATER	Volume Ahead:	21.6 bbl
175 lbm/bbl Barite		

Fluid 2: Tail Slurry

PLUGCEM (TM) SYSTEM	Fluid Weight:	17.5 lbm/gal
94 lbm Premium Cement	Slurry Yield:	0.942 ft3/sack
0.50 % HR-5	Total Mixing Fluid:	3.31 Gal/sack
3.31 Gal FRESH WATER	Top Of Fluid:	5766 ft
	Calculated Fill:	504 ft
	Liquid Volume:	56.2 bbl
	Calculated sack:	335 sack
	Proposed sack:	335 sack

Fluid 3: Rheologically Enhanced Spacer

12.0 lb/gal Tuned Spacer III	Fluid Density:	12 lbm/gal
35.35 gal/bbl FRESH WATER	Volume Behind:	3.4 bbl
175 lbm/bbl Barite		

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2.3 Volume Estimate Table KOP

Calculations are used for volume estimation. Well conditions will dictate final cement job design.

Stage 1

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate	Downhole Volume
1	SPACER	12.0 lb/gal Tuned Spacer III	12		21.6 bbl
2	CEMENT	PlugCem	17.5		335 sack
3	SPACER	12.0 lb/gal Tuned Spacer III	12		3.4 bbl

NOTE: These slurries and spacers will require lab testing. The additives and concentrations are estimates based on field experience in the area and may need to be modified prior to the job. The proposed spacer is designed to be generally compatible with water base mud systems. Compatibility testing with field mud samples used may indicate changes in the additive package and the related costs.

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2.4 Cost Estimate

Mtrl Nbr	Description	Qty	UOM	Unit Price	Gross Amt	Discount $	Net Amount
7529	**CMT WHIPSTOCK PLUG BOM**	1.00	JOB	0.00	0.00		0.00
Cement Materials and Services							
2	MILEAGE FOR CEMENTING CREW Number of Units	70.00 1	MI	5.76	403.20	221.76	181.44
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT Number of Units	70.00 1	MI	9.79	685.30	376.92	308.38
16094	PLUG BACK/SPOT CEMENT OR MUD,ZI FEET/METERS (FT/M) DEPTH	1.00 FT 6270	EA	10,974.00	10,974.00	6,035.70	4,938.30
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI ENTER FEET\METER\JOB\DAY NUMBER OF JOBS NUMBER OF UNITS	1.00 JOB 1 1	JOB	2,275.00	2,275.00	1,251.25	1,023.75
130104	PORT. DATA ACQUIS. W/OPTICEM RT W/HES DAYS OR PARTIAL DAY(WHOLE NO.)	1.00 1	EA	2,549.00	2,549.00	1,401.95	1,147.05
114	R/A DENSOMETER W/CHART RECORDER,/JOB,ZI NUMBER OF UNITS	1.00 1	JOB	1,285.00	1,285.00	706.75	578.25
	SubTotal				**18,171.50**	**9,994.33**	**8,177.17**
Cementing Materials							
Tuned Spacer III Ahead							
483826	SBM, CMT, Tuned Spacer III	22.00	BBL	293.00	6,446.00	3,545.30	2,900.70
100003680	CHEM, Barite, 100 lb sk *Barite*	38.00	SK	31.07	1,180.66	649.36	531.30
Tuned Spacer III Behind							
483826	SBM, CMT, Tuned Spacer III	4.00	BBL	293.00	1,172.00	644.60	527.40
100003680	CHEM, Barite, 100 lb sk *Barite*	6.00	SK	31.07	186.42	102.53	83.89
Cement							
452969	CMT, PlugCem (TM) system	335.00	SK	44.26	14,827.10	8,154.91	6,672.19
100005050	CHEM, HR-5, 50 LB *HR-5*	158.00	LB	13.28	2,098.24	1,154.03	944.21
100003653	CHEM, CFR-3, 50 LB SACK *CFR-3*	252.00	LB	14.69	3,701.88	2,036.03	1,665.85
102068797	CHEM, D-AIR 5000, 50 LB SACK *D-AIR 5000*	158.00	LB	11.92	1,883.36	1,035.85	847.51
76400	MILEAGE,CMT MTLS DEL/RET MIN NUMBER OF TONS	35.00 18.643	MI	3.35	2,185.89	1,202.24	983.65
3965	HANDLE&DUMP SVC CHRG, CMT&ADDITIVES,ZI Unit of Measurement NUMBER OF EACH	397.00 EA 1	CF	5.49	2,179.53	1,198.74	980.79
	SubTotal				**35,861.08**	**19,723.59**	**16,137.49**
Cement Surcharges							
7	ENVIRONMENTAL CHARGE,/JOB,ZI	1.00	JOB	134.00	134.00		134.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1.00	JOB	83.00	83.00		83.00
372867	Cmt PSL - DOT Vehicle Charge, CMT	4.00	EA	241.00	964.00		964.00
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON Number of Units	70.00 1	MI	0.23	16.10		16.10

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CRESCENT POINT ENERGY US CORP
KENDALL STATE 14-4-3-1E-WS

HALLIBURTON

Mtrl Nbr	Description	Qty	UOM	Unit Price	Gross Amt	Discount $	Net Amount
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON Number of Units	70.00 1	MI	0.68	47.60		47.60
87605	FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	35.00 18.643	MI	0.23	150.08		150.08
	SubTotal				**1,394.78**		**1,394.78**
	Total Gross Amount						**55,427.36**
	Total Discounts						**29,717.92**
	Total Net Amount	**USD**					**25,709.44**

Primary Plant:	Vernal, UT, USA	**Price Book Ref:**	28 - ROCKIES
Secondary Plant:	Vernal, UT, USA	**Price Date:**	10/1/2014

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3 Conditions

The cost in this analysis is good for the materials and/or services outlined within and shall be valid for 30 days from the date of this proposal. In order to meet your needs under this proposal with a high quality of service and responsive timing, Halliburton will be allocating limited resources and committing valuable equipment and materials to your area of operations. Accordingly, the discounts reflected in this proposal are available only for materials and services awarded on a first-call basis. Alternate pricing may apply in the event that Halliburton is awarded work on any basis other than as a first-call provider.

The unit prices stated in the proposal are based on our current published prices. The projected equipment, personnel, and material needs are only estimates based on information about the work presently available to us. At the time the work is actually performed, conditions then existing may require an increase or decrease in the equipment, personnel, and/or material needs. Charges will be based upon unit prices in effect at the time the work is performed and the amount of equipment, personnel, and/or material actually utilized in the work. Taxes, if any, are not included. Applicable taxes, if any, will be added to the actual invoice.

It is understood and agreed between the parties that with the exception of the subject discounts, all services performed and equipment and materials sold are provided subject to Halliburton's General Terms and Conditions contained in our current price list, (which include LIMITATION OF LIABILITY and WARRANTY provisions), and pursuant to the applicable Halliburton Work Order Contract (whether or not executed by you), unless a Master Service and/or Sales Contract applicable to the services, equipment, or materials supplied exists between your company and Halliburton, in which case the negotiated Master Contract shall govern the relationship between the parties. A copy of the latest version of our General Terms and Conditions is available from your Halliburton representative or at: http://www.halliburton.com/terms for your convenient review, and we would appreciate receiving any questions you may have about them. Should your company be interested in negotiating a Master Contract with Halliburton, our Law Department would be pleased to work with you to finalize a mutually agreeable contract. In this connection, it is also understood and agreed that Customer will continue to execute Halliburton usual field work orders and/or tickets customarily required by Halliburton in connection with the furnishing of said services, equipment, and materials.

Any terms and conditions contained in purchase orders or other documents issued by the customer shall be of no effect except to confirm the type and quantity of services, equipment, and materials to be supplied to the customer.

If customer does not have an approved open account with Halliburton or a mutually executed written contract with Halliburton, which dictates payment terms different than those set forth in this clause, all sums due are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice.

Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

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3.1 Cementing Best Practices

1. Cement quality and weight: Choose a cement slurry that is designed to solve the problems specific to each casing string.

2. Waiting time: Hold the cement slurry in place and under pressure until it reaches its initial set without disturbing it. A cement slurry is a time-dependent liquid and must be allowed to undergo a hydration reaction to produce a competent cement sheath. A fresh cement slurry can be worked (thickening or pump time) as long as it is in a plastic state and before going through its transition phase. If the cement slurry is not allowed to transition without being disturbed, it may be subjected to changes in density, dilution, settling, water separation, and gas cutting that may lead to a lack of zonal isolation and possible bridging in the annulus.

3. Pipe movement: Reciprocation and/or rotation mechanically breaks up gelled mud and changes the flow patterns in the annulus to improve displacement efficiency.

4. Mud properties (for cementing):

Rheology:

Plastic Viscosity (PV) < 15 centipoise (cp)
Yield Point (YP) < 10 lb/100 ft2
These properties should be reviewed with the mud engineer, drilling engineer, and company representative(s) to ensure no hole problems are created.

Gel Strength:

The 10-second/10-minute gel strength values should be such that the 10-second and 10-minute readings are close together or flat (i.e., 5/6). The 30-minute reading should be less than 20 lb/100 ft². Sufficient shear stress may not be achieved on a primary cement job to remove mud left in the hole if the mud were to develop more than 25 lb/100 ft² of gel strength.

Fluid Loss:

Decreasing the filtrate loss into a permeable zone enhances the creation of a thin, competent filter cake. A thin, competent filter cake created by a low fluid loss mud system is desirable over a thick, partially gelled filter cake. A mud system created with a low fluid loss will be more easily displaced. The fluid loss value should be < 15 cc's (ideal would be 5 cc's).

5. Circulation: Prior to cementing, circulate full hole volume twice, or until well conditioned mud is being returned to the surface. There should be no cutting in the mud returns. An annular velocity of 260 feet per minute is optimum (SPE/IADC 18617), if possible.

6. Flow rate: Turbulent flow is the most desirable flow regime for mud removal. If turbulence cannot be achieved, pump at as high a flow rate that can practically and safely be used to create the maximum flow energy. The highest mud removal is achieved when the maximum flow energy is obtained.

7. Pipe Centralization: A minimum standoff of 70% should be targeted for optimum displacement efficiency.

8. Rat hole: A weighted viscous pill placed in the rat hole prior to cementing will minimize the risk of higher density cement mixing with lower density mud when the well is static.

9. Top and Bottom plugs: A top and bottom plug are recommended to be run on all primary casing jobs. The bottom plug should be run after the spacer and ahead of the first cement slurry.

10. Spacers and flushes: Spacers and/or flushes should be used to prevent contamination between the cement slurry and the drilling fluid. They are also used to clean the wellbore and aid with bonding. To determine the volume, either a minimum of 10 minutes contact time or 1000 ft. of annular fill, whichever is greater, is recommended.

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RECEIVED: Jan. 26, 2015

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: Oil Well

8. WELL NAME and NUMBER: KENDALL STATE 14-4-3-1E-WS

2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP

9. API NUMBER: 43047531140000

3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202
PHONE NUMBER: 720 880-3621 Ext

9. FIELD and POOL or WILDCAT: INDEPENDENCE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1306 FNL 2306 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 09 Township: 03.0S Range: 01.0E Meridian: U

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 3/4/2015	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached drill report for XXX [well name], encompassing all drilling operations to date

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
March 04, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valari Crary	303 880-3637	Drilling And Completion Tech

SIGNATURE	DATE
N/A	3/4/2015

RECEIVED: Mar. 04, 2015

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 3/22/2013
Report #: 1.0, DFS: -651.00
Depth Progress:

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition

Operation At 6am	Operation Next 24hrs
W.O.Air Rig	

24 Hr Summary
2/22/2013,MIRU PETE MARTIN RIG #7 ,DRILL 52' KB 24" COND. HOLE,RUN & CEMENT 52' KB 16" COND. PIPE,Cmt.To Surf. With ReadyMix RDMO SPUD @9:00 3/22/2013

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com

Mud Checks

<depth>ftKB, <dttm>

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
0.0	0.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Conductor, 52.0ftKB

Daily Contacts

Job Contact	Mobile

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 12/14/2014
Report #: 2.0, DFS: -19.00
Depth Progress:

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition

Operation At 6am	Operation Next 24hrs
Drlg.Surf	

24 Hr Summary
MI&RU PrpPetro Rig 10 & Drill with air hammer & 12 1/4" bit F/52' T/1000' KB Trip out for Dir. tools

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com

Mud Checks

<depth>ftKB, <dttm>

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
0.0	0.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330
Rig Supervisor	**Phone Mobile**
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 12/15/2014
Report #: 3.0, DFS: -18.00
Depth Progress:

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition

Operation At 6am	Operation Next 24hrs
Drlg.Surf	

24 Hr Summary
TIH with Newsco MWD & 12 1/4" DSH616M & Drill F/1000' T/2290' KB Inc. 11.90 Az 317.30

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com

Mud Checks

<depth>ftKB, <dttm>

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
0.0	0.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 12/16/2014
Report #: 4.0, DFS: -17.00
Depth Progress:

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition

Operation At 6am	Operation Next 24hrs
Cmt.Surf.	

24 Hr Summary

Drill F/2290' T/3050' Inc. 12.60 Az 315.30 TOOH LD tools & ran 76 jts. 9 5/8" 36# J-55 T/3039' KB RU ProPetro & Cmt. Lead 500sk Perm. 12.0# 2.86 Yl 254 bbl Tail 240sk Prem. 15.8# 1.15 Yl 49 bbl drop plug & Disp. with 230 bbl water plug bumped floats held. 100' 1" top job 100sk 15.8# Cmt to Surf.Stayed full

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com

Mud Checks

<depth>ftKB, <dttm>

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
0.0	0.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/3/2015
Report #: 5.0, DFS: 1.00
Depth Progress:

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	17.0	Good	Good

Operation At 6am	Operation Next 24hrs
Testing BOP Equipment	BOP Test, P/U Directional Tools, Trip in Hole, Drlg Cement and Float Equipment, Drlg 8 3/4 Inter Hole

24 Hr Summary
Nipple UP BOP Equipment, Test BOP Equipment and Surface Casing

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	03:00	21.00	21.00	14	NIPPLE UP B.O.P	N/U BOP Change out Spacer Spool, Install Hammer up well head Adapter, Install Rotating Head, Very tight clearance, Change out Pipe Rams for Variable Rams, Add off center spool to choke line for pipe boom clearance
03:00	06:00	3.00	24.00	15	TEST B.O.P	Test BOP Equipment to 5000 psi. for 10 minutes, Annular 2500 psi. for 10 minutes, 9 5/8 Casing 1500 psi for 30 minutes.

Mud Checks

<depth>ftKB, <dttm>

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
0.0	0.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/4/2015
Report #: 6.0, DFS: 2.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	25.0	Good	Good

Operation At 6am	Operation Next 24hrs
Trip in hole	Trip in Hole, Drlg Cement and Float Equipment, Drlg 8 3/4 Inter hole

24 Hr Summary
Test BOP Equipment and Surface Casing, All Test Held OK, Wait on Weatherford Directional Tools, Rig up Weatherford, P/U Directional Tools, Trip in Hole

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	07:00	1.00	1.00	15	TEST B.O.P	Test BOP Equipment to 5000 psi. for 10 minutes, Annular 2500 psi. for 10 minutes, 9 5/8 Casing 1500 psi for 30 minutes. All test held ok
07:00	09:00	2.00	3.00	20	DIRECTIONAL WORK	Wait on Weatherford Tools
09:00	16:00	7.00	10.00	20	DIRECTIONAL WORK	Rig up Weatherford Directional Tools
16:00	23:00	7.00	17.00	20	DIRECTIONAL WORK	P/U Bit #1, RSS, LWDS, MM HWDP, Program and Surface Test Directionals, Weld 2" out let to mud line for Weatherford censer
23:00	06:00	7.00	24.00	6	TRIPS	Load Pipe Racks and Strap Pipe, Trip in Hole

Mud Checks

3,039.0ftKB, 1/4/2015 19:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
DAP	19:00	3,039.0	8.40	28	1.0	2.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
1.000	1.000			7.5	0.0	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		320.000	40.000	0.05		1.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
			6000.0	500.0

Drill Strings

BHA #1, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
1	8 3/4in, MM64M, 12564945	1.00	0-0---0-0--BHA	1.18	40.1

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
16/16/16/16/16/16	682.18	6.810

String Components
Security DBS MM64M, RSS, HEL/HAGR/IDS Prim, Stabilizer - Non Mag, Short NMDC, Mud Motor, MFR Primary, LWD, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment
Bit # 1 Security MM64M Mat 803207 s/n 12564945 jets 6-14s, 1-RSS, 1-HEL/HAGR/IDS Prim, 1-Stabilizer 1-Short NMDC 1-Drilling Motor 1-MFR Primary 1-Hel Primary 1-XO 14-HWDP 1-Jars 11- HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	3,055.0	3,055.0										

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
3,055.0	3,055.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/5/2015
Report #: 7.0, DFS: 3.00
Depth Progress: 487.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	30.0	Good	Good

Operation At 6am	Operation Next 24hrs
Triping Out of Hole For Directional Tools	Trip for Directional Tools, Drlg 8 3/4 Inter hole

24 Hr Summary

Trip in Hole, Drlg Cement and Float Equipment F/ 2963' T/ 3055', Drlg 8 3/4 Inter Hole F/ 3055' T/ 3542' 487' @ 42.3 ft per hr,(WOB 15 GPM 600 RPM 50) Thaw out Weatherford Down Link Station, Rig Service, Circ and Pump Dry Job, Trip for Directional tool down link was Unsuccessfully ((BBG 14-17 Conn 20 Peak 29 Trip Gas 15 Lithology SH 50% SS 35% CLYST 10% DOLST 5%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	07:00	1.00	1.00	6	TRIPS	Trip in Hole Tag Cement @ 2963'
07:00	08:00	1.00	2.00	21	OPEN	Drlg Cement and Float Equipment F/ 2963' T/ 3055'
08:00	08:30	0.50	2.50	2	DRILL ACTUAL	Drlg 8 3/4 Inter Hole F/ 3055' T/3069' 14' @28 ft per hr
08:30	10:30	2.00	4.50	20	DIRECTIONAL WORK	Thaw out Weatherford Down Link Station
10:30	16:00	5.50	10.00	2	DRILL ACTUAL	Drlg 8 3/4 Inter Hole F/3069 T/3295 226' @41.09 ft per hr
16:00	16:30	0.50	10.50	20	DIRECTIONAL WORK	Repair Leak on Weatherford Transducer on Mud Line
16:30	17:00	0.50	11.00	2	DRILL ACTUAL	Drlg 8 3/4 Inter Hole F/ 3295 T/ 3325' 30' @ 60 ft per hr
17:00	17:30	0.50	11.50	7	LUBRICATE RIG	Rig Service
17:30	22:30	5.00	16.50	2	DRILL ACTUAL	Drlg 8 3/4 Inter Hole F/ 3325' T/ 3542' 217' @ 43.4 ft per hrs
22:30	00:00	1.50	18.00	20	DIRECTIONAL WORK	Directional Down Link Unsuccessfully
00:00	01:30	1.50	19.50	5	COND MUD & CIRC	Circ and Pump Dry Job
01:30	06:00	4.50	24.00	6	TRIPS	Trip Out of For Directional Tools

Mud Checks

3,100.0ftKB, 1/5/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
DAP	12:00	3,100.0	8.80	31	2.0	2.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
1.000	2.000			10.0	0.0	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		21,000.000	100.000	0.2		2.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
	50.0		6000.0	714.1

Drill Strings

BHA #1, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
1	8 3/4in, MM64M, 12564945	1.00	0-0---0-0--BHA	1.18	40.1

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
16/16/16/16/16/16	682.18	6.810

String Components

Security DBS MM64M, RSS, HEL/HAGR/IDS Prim, Stabilizer - Non Mag, Short NMDC, Mud Motor, MFR Primary, LWD, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit # 1 Security MM64M Mat 803207 s/n 12564945 jets 6-14s, 1-RSS, 1-HEL/HAGR/IDS Prim, 1-Stabilizer 1-Short NMDC 1-Drilling Motor 1-MFR Primary 1-Hel Primary 1-XO 14-HWDP 1-Jars 11- HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	3,055.0	3,542.0	487.00	11.50	42.3	600	15	50	2,000.0	84	105	5,000.0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
3,055.0	3,542.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	2.0
BARAZAN D PLUS	169.80	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
Carbonox	19.73	18.0
CAUSTIC SODA	32.98	1.0
EZ-MUD	70.53	1.0
FILLTER CHECK	82.27	3.0
Fumaric Acid	121.00	3.0
PAC-R	204.85	2.0
PALLETS	15.00	40.0
QuikGel Gold	6.00	96.0
Shrink Wrap	15.00	40.0
TAX	1.00	645.25
Trucking	760.00	5.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/6/2015
Report #: 8.0, DFS: 4.00
Depth Progress: 214.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	32.0	Good	Good

Operation At 6am	Operation Next 24hrs
Triping Out of Hole For Directional Tools	Trip for Directional Tools, Drlg 8 3/4 Inter hole

24 Hr Summary

Change Out Directional Tool, Down Load Data and Program Directional Tool, Surface Test Tool, Test OK, Drlg 8 3/4 Inter Hole F/ 3542' T/ 3756 @ 214' 35.66 ft per hr,(WOB 15 GPM 600 RPM 50) Rig Service, Trouble Shoot Directional RRS will not Down Link, Trip out for Directional Tools again, BBG 13-17 Conn 20 Peak 62 @ 3691 Lithology SH 40% DOLST 30% SS 30%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	12:30	6.50	6.50	20	DIRECTIONAL WORK	L/D and P/U Directional Tool, Down Load Data and Program Diredtional Tool, Install Rotary Rubber and Surface Tool, Test OK
12:30	15:00	2.50	9.00	6	TRIPS	Trip in Hole
15:00	16:00	1.00	10.00	20	DIRECTIONAL WORK	Directional Work, Down Link Tool
16:00	22:00	6.00	16.00	2	DRILL ACTUAL	Drlg 8 3/4 Inter Hole F/ 3542 T/ 3756 214' @ 35.66 fr per hr
22:00	02:30	4.50	20.50	20	DIRECTIONAL WORK	Trouble Shoot Directional RRS will not Down Link
02:30	04:00	1.50	22.00	5	COND MUD & CIRC	Prepair for Trip, Pump Dry Job, Check for Flow
04:00	06:00	2.00	24.00	6	TRIPS	Trip out for Directional Tools

Mud Checks

3,542.0ftKB, 1/6/2015 14:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
DAP	14:00	3,542.0	9.10	39	10.0	14.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
10.000	16.000			7.5	0.1	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		21,000.000	320.000	0.05		21.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
	50.0		6000.0	748.9

Drill Strings

BHA #1, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
1	8 3/4in, MM64M, 12564945	1.00	0-0---0-0--BHA	1.18	40.1

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
16/16/16/16/16/16	682.18	6.810

String Components

Security DBS MM64M, RSS, HEL/HAGR/IDS Prim, Stabilizer - Non Mag, Short NMDC, Mud Motor, MFR Primary, LWD, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit # 1 Security MM64M Mat 803207 s/n 12564945 jets 6-14s, 1-RSS, 1-HEL/HAGR/IDS Prim, 1-Stabilizer 1-Short NMDC 1-Drilling Motor 1-MFR Primary 1-Hel Primary 1-XO 14-HWDP 1-Jars 11- HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	3,542.0	3,756.0	701.00	17.50	35.7	600	15	50	2,000.0	84	105	5,000.0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
3,542.0	3,756.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Barite Bulk	194.48	15.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
EZ-MUD	70.53	2.0
Fumaric Acid	121.00	1.0
QuikGel Gold	6.00	88.0
Sawdust	5.28	12.0
TAX	1.00	290.82
ZEOGEL	19.90	250.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/7/2015
Report #: 9.0, DFS: 5.00
Depth Progress: 462.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLEAR	39.0	Good	Good

Operation At 6am	Operation Next 24hrs
DRLG/RS 8 3/4" INTER HOLE @ 4218'	DRLG/RS 8 3/4" INTER HOLE

24 Hr Summary

PJSM, TRIP OUT FOR DIR TOOLS, LAY DOWN DIR TOOLS, PICK UP DIR TOOLS AND PROGRAM, RIG SERVICE, CHANGE OUT DRILL PIPE, STRAP NEW DRILL PIPE WHILE TRIPPING IN, LINK DIR TOOLS, TROUBLE SHOOT PASON DEPTH SENSOR, DRLG/RS 8 3/4 INTER HOLE F/3756' T/4218' (462' FPH 54.3) SURVEY @ 4142' INC 12.85 AZM 329.78, B/G GAS 124U, CONNECTION 124U AND PEAK @ 4094' 181U

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	06:30	0.50	0.50	6	TRIPS	PJSM, TRIP OUT FOR DIR TOOLS
06:30	08:00	1.50	2.00	20	DIRECTIONAL WORK	LAY DOWN DIR TOOLS (RSS, HEL, HAG, IDS, STABALIZER, NMDC, DRILLING MOTOR, MFR, AND HEL)
08:00	08:30	0.50	2.50	20	DIRECTIONAL WORK	REJET BIT 6/14, PICK UP RSS AND HEL
08:30	10:30	2.00	4.50	20	DIRECTIONAL WORK	PROGRAM TOOLS
10:30	11:30	1.00	5.50	20	DIRECTIONAL WORK	PICK UP STABALIZER, MUD MOTOR, MFR AND HEL
11:30	13:00	1.50	7.00	20	DIRECTIONAL WORK	PROGRAM TOOLS
13:00	13:30	0.50	7.50	7	LUBRICATE RIG	RIG SERVICE
13:30	14:30	1.00	8.50	6	TRIPS	CHANGE OUT OLD PIPE
14:30	15:00	0.50	9.00	20	DIRECTIONAL WORK	PUMP ON TOOLS, ALL GOOD
15:00	19:00	4.00	13.00	6	TRIPS	STRAP NEW PIPE WHILE TRIPPING IN
19:00	20:00	1.00	14.00	20	DIRECTIONAL WORK	LINK TOOLS
20:00	21:30	1.50	15.50	22	OPEN	TROUBLE SHOOT DEPTH SENSOR
21:30	06:00	8.50	24.00	2	DRILL ACTUAL	DRLG/RS 8 3/4 INTER HOLE F/3756' T/4218' (462' FPH 54.3)

Mud Checks

3,762.0ftKB, 1/7/2015 14:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
DAP	14:00	3,762.0	9.20	35	8.0	10.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
10.000	16.000			8.0	0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		24,000.000	280.000	0.05		21.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
	50.0		6000.0	748.9

Drill Strings

BHA #2, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
1	8 3/4in, MM64M, 12564945	1.00	2-2-CT-S-3-1-CT-HR	0.90	35.5

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
14/14/14/14/14/14	926.62	6.810

String Components

Security DBS MM64M, RSS, HEL/HAGR/IDS Prim, Stabilizer - Non Mag, Short NMDC, Mud Motor, MFR Primary, LWD, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit # 1 Security MM64M Mat 803207 s/n 12564945 jets 6-14s, 1-RSS, 1-HEL/HAGR/IDS Prim, 1-Stabilizer 1-Short NMDC 1-Drilling Motor 1-MFR Primary 1-Hel Primary 1-XO 6-HWDP 1-Jars 11- HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	3,756.0	4,218.0	462.00	8.50	54.4	613	17	56	2,354.0	104	114	5,105.0

AFE Number	Start Depth (ftKB)	End Depth (ftKB)
1716313US	3,756.0	4,218.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
EZ-MUD	70.53	2.0
TAX	1.00	290.82
ZEOGEL	19.90	35.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/8/2015
Report #: 10.0, DFS: 6.00
Depth Progress: 316.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLEAR	39.0	Good	Good

Operation At 6am	Operation Next 24hrs
DRLG/RS 8 3/4" INTER HOLE @ 4535'	DRLG/RS 8 3/4" INTER HOLE

24 Hr Summary

DRLG/RS 8 3/4 INTER HOLE F/4218' F/4534' (316' FPH 42.1) RIG SERVICE (FOUND ANTIFREEZE IN OIL ON DRAWWORKS ENGINE) TRIP OUT TO 2967' INSIDE 9 5/8" SURFACE CASING,CHANGE OUT DRAWWORKS ENGINE, TRIP IN, LINK DIR TOOLS, B/G GAS 175U, CONNECTION 408U AND PEAK @ 4408' 1235U, 50% CLYST, 30% SH, 20% DOLST, SURVEY @ 4458' INC 12.79 AZM 320.76

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	13:30	7.50	7.50	2	DRILL ACTUAL	DRLG/RS 8 3/4 INTER HOLE F/4218' F/4534' (316' FPH 42.1)
13:30	14:00	0.50	8.00	7	LUBRICATE RIG	RIG SERVICE (FOUND ANTIFREEZE IN OIL ON DRAWWORKS ENGINE)
14:00	18:30	4.50	12.50	8	REPAIR RIG	TRIP OUT TO 2967' INSIDE 9 5/8" SURFACE CASING
18:30	04:00	9.50	22.00	8	REPAIR RIG	CHANGE OUT DRAWWORKS ENGINE
04:00	05:30	1.50	23.50	8	REPAIR RIG	TRIP IN F/2967'
05:30	06:00	0.50	24.00	20	DIRECTIONAL WORK	LINK TOOLS

Mud Checks

4,399.0ftKB, 1/8/2015 10:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
DAP	10:00	4,399.0	9.30	38	11.0	13.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
10.000	16.000			8.2	0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		23.000	280.000	0.05		21.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
	50.0		6000.0	301.0

Drill Strings

BHA #2, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
1	8 3/4in, MM64M, 12564945	1.00	2-2-CT-S-3-1-CT-HR	0.90	35.5

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
14/14/14/14/14/14	926.62	6.810

String Components

Security DBS MM64M, RSS, HEL/HAGR/IDS Prim, Stabilizer - Non Mag, Short NMDC, Mud Motor, MFR Primary, LWD, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit # 1 Security MM64M Mat 803207 s/n 12564945 jets 6-14s, 1-RSS, 1-HEL/HAGR/IDS Prim, 1-Stabilizer 1-Short NMDC 1-Drilling Motor 1-MFR Primary 1-Hel Primary 1-XO 6-HWDP 1-Jars 11- HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	4,218.0	4,534.0	778.00	16.00	42.1	613	15	56	2,354.0	109	119	5,105.0

AFE Number
1716313US

Start Depth (ftKB)	End Depth (ftKB)
4,218.0	4,534.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
DIAMMONIUM PHOSPHATE	139.65	45.0
PAC-R	204.85	8.0
PALLETS	15.00	4.0
Shrink Wrap	15.00	4.0
TAX	1.00	290.82

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/9/2015
Report #: 11.0, DFS: 7.00
Depth Progress: 696.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLEAR	34.0	Good	Good

Operation At 6am	Operation Next 24hrs
DRLG/RS 8 3/4" INTER HOLE @ 5230'	DRLG/RS 8 3/4" INTER HOLE

24 Hr Summary

DRLG/RS 8 3/4 INTER HOLE F/4534' T/5230' (696' FPH 29.6) NO LOSSES, SURVEY @ 5115' INC 13.26 AZM 317.02, B/G GAS 139U, CONNECTION 150U AND PEAK @ 4786' 1527U, @ 4870' 45% DOLMC SH, 45% DOLST AND 10% CLYST

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	16:00	10.00	10.00	2	DRILL ACTUAL	DRLG/RS 8 3/4 INTER HOLE F/4534' T/4885' (351' FPH 35.1)
16:00	16:30	0.50	10.50	7	LUBRICATE RIG	RIG SERVICE
16:30	06:00	13.50	24.00	2	DRILL ACTUAL	DRLG/RS 8 3/4 INTER HOLE F/4885' T/5230' (345' FPH 25.5)

Mud Checks

4,635.0ftKB, 1/9/2015 08:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
DAP 2.00	08:00	4,635.0	9.50	41	12.0	10.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
9.000	15.000	14.6	0	7.8	0.3	4.3

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
12.5		23.000	280.000	0.2		21.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
53.9	50.0		6000.0	301.0

Drill Strings

BHA #2, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
1	8 3/4in, MM64M, 12564945	1.00	2-2-CT-S-3-1-CT-HR	0.90	35.5

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
14/14/14/14/14/14	926.62	6.810

String Components

Security DBS MM64M, RSS, HEL/HAGR/IDS Prim, Stabilizer - Non Mag, Short NMDC, Mud Motor, MFR Primary, LWD, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit # 1 Security MM64M Mat 803207 s/n 12564945 jets 6-14s, 1-RSS, 1-HEL/HAGR/IDS Prim, 1-Stabilizer 1-Short NMDC 1-Drilling Motor 1-MFR Primary 1-Hel Primary 1-XO 6-HWDP 1-Jars 11- HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	4,534.0	5,230.0	1,474.0	39.50	29.6	613	24	56	2,450.0	121	131	5,105.0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
4,534.0	5,230.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
EZ-MUD	70.53	1.0
Fumaric Acid	121.00	3.0
PAC-R	204.85	8.0
PALLETS	15.00	4.0
Shrink Wrap	15.00	4.0
TAX	1.00	290.82
Trucking	760.00	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/10/2015
Report #: 12.0, DFS: 8.00
Depth Progress: 708.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLEAR	32.0	Good	Good

Operation At 6am	Operation Next 24hrs
TRIPPING OUT FOR BIT	TRIP OUT FOR BIT, TRIP IN AND DRLG/RS 8 3/4" INTER HOLE

24 Hr Summary
DRLG/RS 8 3/4 INTER HOLE F/5230' T/5938' (708' FPH 32.1) CIRCULATE, PUMP DRY JOB, SURVEY @ 5871' INC 13.87 AZM 315.74, B/G GAS 78U, CONNECTION 156U AND @ 5409' 1221U

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	16:30	10.50	10.50	2	DRILL ACTUAL	DRLG/RS 8 3/4 INTER HOLE F/5230' T/5535' (305' FPH 29)
16:30	17:00	0.50	11.00	7	LUBRICATE RIG	RIG SERVICE
17:00	04:30	11.50	22.50	2	DRILL ACTUAL	DRLG/RS 8 3/4 INTER HOLE F/5535' T/5928' (393' FPH 30.2)
04:30	06:00	1.50	24.00	5	COND MUD & CIRC	CIRCULATE, PUMP 30 BBL DRY JOB

Mud Checks

5,928.0ftKB, 1/10/2015 08:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
DAP 2.00	08:00	5,928.0	94.00	42	10.0	12.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
9.000	15.000	18.9	0	8.2	0.3	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
15.0		18,000.000	280.000	0.4		21.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
54.6	10.0	1.0	6000.0	301.0

Drill Strings

BHA #2, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
1	8 3/4in, MM64M, 12564945	1.00	2-2-CT-S-3-1-CT-HR	0.90	35.5

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
14/14/14/14/14/14	926.62	6.810

String Components
Security DBS MM64M, RSS, HEL/HAGR/IDS Prim, Stabilizer - Non Mag, Short NMDC, Mud Motor, MFR Primary, LWD, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment
Bit # 1 Security MM64M Mat 803207 s/n 12564945 jets 6-14s, 1-RSS, 1-HEL/HAGR/IDS Prim, 1-Stabilizer 1-Short NMDC 1-Drilling Motor 1-MFR Primary 1-Hel Primary 1-XO 6-HWDP 1-Jars 11- HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	5,230.0	5,938.0	2,182.0	61.50	32.2	613	25	56	2,460.0	130	140	5,105.0

AFE Number		
1716313US		
Start Depth (ftKB)	End Depth (ftKB)	
5,230.0	5,938.0	
Target Formation	Target Depth (ftKB)	
Wastach	13,541.0	
Last Casing String		
Surface, 3,039.0ftKB		

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330
Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	
P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	
P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
DIAMMONIUM PHOSPHATE	139.65	3.0
Fumaric Acid	121.00	15.0
GYPSUM	26.64	5.0
PAC-R	204.85	2.0
TAX	1.00	83.15

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/11/2015
Report #: 13.0, DFS: 9.00
Depth Progress: 300.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLOUDY	37.0	Good	Good

Operation At 6am	Operation Next 24hrs
DRLG/RS 8 3/4" INTER HOLE @ 6228'	DRLG/RS 8 3/4" INTER HOLE

24 Hr Summary

WORK TIGHT PIPE, PUMP HIGH VIS LCM SWEEP (90K OVER) TRIP OUT FOR BIT, PULL ROTATING RUBBER AND LAY DOWN BHA, LAY DOWN DIR TOOLS AND CHANGE OUT BIT, DOWNLOAD TOOL INFO/REPROGRAM TOOL, PICK UP THE REST OF DIR TOOLS, DOWNLOAD AND REPROGRAM TOOL, TRIP IN BHA AND PUMP ON DIR TOOLS, TRIP IN, WASH AND REAM F/5764' T/5928', LINK TOOLS, DRLG/RS 8 3/4 INTER HOLE F/5928' T/6228' (300' FPH 54.5) B/G GAS 95U, CONNECTION 282U, PEAK @ 6050' 995U, 55% SH, 25% CLYST AND 20% DOLST, MUD LOSS 10 BBLS, SURVEY @ 6071' INC 13.43 AZM 311.67

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	08:00	2.00	2.00	6	TRIPS	WORK TIGHT PIPE, PUMP HIGH VIS LCM SWEEP (90K OVER)
08:00	12:00	4.00	6.00	6	TRIPS	TRIP OUT FOR BIT
12:00	13:00	1.00	7.00	6	TRIPS	PULL ROTATING RUBBER AND LAY DOWN BHA
13:00	14:00	1.00	8.00	20	DIRECTIONAL WORK	LAY DOWN DIR TOOLS AND CHANGE OUT BIT
14:00	16:00	2.00	10.00	20	DIRECTIONAL WORK	DOWNLOAD TOOL INFO/REPROGRAM TOOL
16:00	17:00	1.00	11.00	20	DIRECTIONAL WORK	PICK UP THE REST OF DIR TOOLS
17:00	19:00	2.00	13.00	20	DIRECTIONAL WORK	DOWNLOAD AND REPROGRAM TOOL
19:00	19:30	0.50	13.50	6	TRIPS	TRIP IN BHA AND PUMP ON DIR TOOLS
19:30	23:30	4.00	17.50	6	TRIPS	TRIP IN
23:30	00:00	0.50	18.00	3	REAMING	WASH AND REAM F/5764' T/5929'
00:00	00:30	0.50	18.50	20	DIRECTIONAL WORK	LINK DIR TOOLS
00:30	06:00	5.50	24.00	2	DRILL ACTUAL	DRLG/RS 8 3/4 INTER HOLE F/5928' T/6228' (300' FPH 54.5)

Mud Checks

5,270.0ftKB, 1/11/2015 08:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
DAP 2.00	08:00	5,270.0	9.30	48	11.0	12.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
10.000	19.000	18.8	0	7.9	0.2	4.6

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
12.5		21,000.000	320.000	0.3		26.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
53.9	5.0	1.0	6000.0	301.0

Drill Strings

BHA #3, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
2	8 3/4in, MM64M, 12553826	1.00	8-8-0-0-0-0-0	1.04	53.4

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15/15	926.62	6.810

String Components

Security DBS MM64M, RSS, HEL/HAGR/IDS Prim, Stabilizer - Non Mag, Short NMDC, Mud Motor, MFR Primary, LWD, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit # 1 Security MM64M Mat 803207 s/n 12553826 jets 6-15s, 1-RSS, 1-HEL/HAGR/IDS Prim, 1-Stabilizer 1-Short NMDC 1-Drilling Motor 1-MFR Primary 1-Hel Primary 1-XO 6-HWDP 1-Jars 11- HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	5,928.0	6,228.0	300.00	5.50	54.5	601	21	64	2,688.0	127	144	5,904.0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
5,928.0	6,228.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330
Rig Supervisor	**Phone Mobile**
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
ALUMINUM STEARATE	94.19	4.0
BAROID 41 Barite 50lbs	7.20	2.5
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CAUSTIC SODA	32.98	2.0
DESCO	67.90	5.0
EZ-MUD	70.53	4.0
Fumaric Acid	121.00	9.0
GYPSUM	26.64	5.0
PAC-R	204.85	1.0
PALLETS	15.00	2.0
Shrink Wrap	15.00	2.0
TAX	1.00	204.0
Trucking	760.00	1.0
Walnut Shells	15.90	15.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/12/2015
Report #: 14.0, DFS: 10.00
Depth Progress: 47.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
SNOWING	37.0	Good	Good

Operation At 6am	Operation Next 24hrs
TRIPPING OUT FOR FISHING TOOLS	TRIP OUT PICK UP FISHING TOOLS, TRIP IN AND FISH

24 Hr Summary

DRLG/RS 8 3/4 INTER HOLE F/6228' T/6265' (37 FPH 74) WORK TIGHT PIPE, CLEAN HOLE, BRING MUD WT UP TO 9.5 PPG, DRLG/RS 8 3/4 INTER HOLE F/6265' F/6275' (10' FPH 20) WENT TO MAKE CONNECTION AND A FOOT OFF BOTTOM PULLED 20K OVER AND PUMP PSI 3434, WORK STUCK PIPE (ABLE TO CIRCULATUE) SPOT 22 BBLS OF DIESEL10 BBLS IN PIPE 10 BBLS AROUND BHA, LET SOAK FOR A HALF HOUR, WORK STUCK PIPE, SPOT 22 BBLS OF LUBE/DIESEL 5 BBLS IN PIPE 10 BBLS AROUND BHA, LET SOAK, WORK STUCK PIPE, RIG UP WIRE LINE TRUCK AND FREE POINT, BACK OFF @ 6111' TRIP OUT FOR FISHING TOOLS, B/G GAS 210U, CONNECTION 353U AND PEAK @ 6219' 874U, MRLST 55%, SH 35% AND DOLST 10%, SURVEY @6198' INC 13.59 AZM 315.54

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	06:30	0.50	0.50	2	DRILL ACTUAL	DRLG/RS 8 3/4 INTER HOLE F/6228' T/6265' (37 FPH 74)
06:30	08:00	1.50	2.00	22	OPEN	WORK TIGHT PIPE, CLEAN HOLE, BRING MUD WT UP TO 9.5 PPG
08:00	08:30	0.50	2.50	2	DRILL ACTUAL	DRLG/RS 8 3/4 INTER HOLE F/6265' F/6275' (10' FPH 20)
08:30	14:00	5.50	8.00	22	OPEN	WENT TO MAKE CONNECTION AND A FOOT OFF BOTTOM PULLED 20K OVER AND PUMP PSI 3434, WORK STUCK PIPE (ABLE TO CIRCULATUE)
14:00	15:00	1.00	9.00	5	COND MUD & CIRC	SPOT 22 BBLS OF DIESEL10 BBLS IN PIPE 10 BBLS AROUND BHA, LET SOAK FOR A HALF HOUR
15:00	15:30	0.50	9.50	22	OPEN	WORK STUCK PIPE
15:30	16:30	1.00	10.50	5	COND MUD & CIRC	SPOT 22 BBLS OF LUBE/DIESEL 5 BBLS IN PIPE 10 BBLS AROUND BHA, LET SOAK FOR A HALF HOUR
16:30	20:30	4.00	14.50	22	OPEN	WORK STUCK PIPE
20:30	23:30	3.00	17.50	19	FISHING	RIG UP WIRE LINE TRUCK AND FREE POINT
23:30	03:00	3.50	21.00	19	FISHING	SENT CHARGE BACK OFF @ 6111'
03:00	06:00	3.00	24.00	6	TRIPS	TRIP OUT FOR FISHING TOOLS

Mud Checks

6,275.0ftKB, 1/12/2015 08:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
DAP 2.75	08:00	6,275.0	9.50	40	8.0	17.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
8.000	15.000	19.6	0	8.0	0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
15.0		18.500	260.000	0.4		21.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
9.4	26.0	1.0	6000.0	445.0

Drill Strings

BHA #3, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
2	8 3/4in, MM64M, 12553826	1.00	8-8-0-0-0-0-0	1.04	53.4

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15/15	926.62	6.810

String Components

Security DBS MM64M, RSS, HEL/HAGR/IDS Prim, Stabilizer - Non Mag, Short NMDC, Mud Motor, MFR Primary, LWD, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit # 1 Security MM64M Mat 803207 s/n 12553826 jets 6-15s, 1-RSS, 1-HEL/HAGR/IDS Prim, 1-Stabilizer 1-Short NMDC 1-Drilling Motor 1-MFR Primary 1-Hel Primary 1-XO 6-HWDP 1-Jars 11- HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	6,228.0	6,275.0	347.00	6.50	47.0	601	21	64	2,688.0	128	144	5,904.0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
6,228.0	6,275.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
ALUMINUM STEARATE	94.19	1.0
BARAZAN D PLUS	169.80	1.0
BAROID 41 Barite 50lbs	7.20	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
DESCO	67.90	3.0
DIAMMONIUM PHOSPHATE	139.65	10.0
EZ-MUD	70.53	6.0
Fumaric Acid	121.00	9.0
GYPSUM	26.64	6.0
Lime	6.38	1.0
NXS-LUBE	1,580.79	4.0
PALLETS	15.00	2.0
Sawdust	5.28	15.0
Shrink Wrap	15.00	2.0
TAX	1.00	775.0
Trucking	760.00	1.0
Walnut Shells	15.90	6.0

Safety Checks

Time	Type	Des

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/12/2015
Report #: 14.0, DFS: 10.00
Depth Progress: 47.00

Well Name: KENDALL 14-4-3-1E - WS

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/13/2015
Report #: 15.0, DFS: 11.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
SUNNY	46.0	Good	Good

Operation At 6am	Operation Next 24hrs
TRIPPING IN WITH FISHING TOOLS	TRIP IN AND FISH FOR BIT

24 Hr Summary

TRIP OUT FOR FISHING TOOLS, PICK UP FISHING TOOLS (SCREW IN SUB, PUMP OUT SUB, RUPTURE DISC PSI 3000, BUMPER JAR, FISHING JAR, FOUR DC AND INTENSIFIER) TRIP IN TO 2500', SLIP AND CUT 65', CHECK DERRICK FROM JARRING AND DRAWWORKS CHAIN, RIG SERVICE, TRIP IN TO 6110' TOP OF FISH, SCREW INTO FISH AND JAR, BROKE FREE (UP 1' DOWN 6") PUMP OUT T/5630', PUMP HIGH VIS SWEEP AND DRY JOB, TRIP OUT WITH FISH, LAY DOWN FISHING TOOLS AND DIR TOOLS (GOT EVERY THING EXCEPT FIVE FEET, BROKE OFF @ THE BOTTOM OF RSS SUB) PICK UP FISHING TOOLS AND TRIP IN

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	08:00	2.00	2.00	6	TRIPS	TRIP OUT FOR FISHING TOOLS
08:00	10:00	2.00	4.00	19	FISHING	PICK UP FISHING TOOLS (SCREW IN SUB, PUMP OUT SUB, RUPTURE DISC PSI 3000, BUMPER JAR, FISHING JAR, FOUR DC AND INTENSIFIER)
10:00	12:00	2.00	6.00	6	TRIPS	TRIP IN TO 2500'
12:00	13:30	1.50	7.50	9	CUT OFF DRILL LINE	SLIP AND CUT 65', CHECK DERRICK FROM JARRING AND DRAWWORKS CHAIN
13:30	14:00	0.50	8.00	7	LUBRICATE RIG	RIG SERVICE
14:00	16:30	2.50	10.50	6	TRIPS	TRIP IN TO 6110' TOP OF FISH
16:30	18:30	2.00	12.50	19	FISHING	SCREW INTO FISH AND JAR, BROKE FREE (UP 1' DOWN 6")
18:30	19:00	0.50	13.00	6	TRIPS	PUMP OUT T/5630'
19:00	20:00	1.00	14.00	5	COND MUD & CIRC	PUMP HIGH VIS SWEEP AND DRY JOB
20:00	23:00	3.00	17.00	6	TRIPS	TRIP OUT WITH FISH
23:00	01:00	2.00	19.00	19	FISHING	LAY DOWN FISHING TOOLS AND DIR TOOLS (GOT EVERY THING EXCEPT FIVE FEET, BROKE OFF @ THE BOTTOM OF RSS SUB)
01:00	04:00	3.00	22.00	19	FISHING	WAIT ON FISHING TOOLS
04:00	06:00	2.00	24.00	19	FISHING	PICK UP FISHING TOOLS AND TRIP IN

Mud Checks

6,275.0ftKB, 1/13/2015 08:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
DAP 2.75	08:00	6,275.0	9.50	40	8.0	17.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
8.000	15.000	19.6	0	8.0	0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
15.0		18.500	260.000	0.4		21.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
9.4	26.0	1.0	6000.0	445.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
6,275.0	6,275.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Bara-Defoam HP	317.47	3.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
DOT VEHICLE CHARGE	1.00	160.0
PALLETS	15.00	32.0
Sawdust	5.28	22.0
Shrink Wrap	15.00	22.0
TAX	1.00	91.4
Trucking	760.00	8.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/14/2015
Report #: 16.0, DFS: 12.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLOUDY	36.0	Good	Good

Operation At 6am	Operation Next 24hrs
TRIPPING IN TO CEMENT POINT	TRIP IN AND CEMENT 500', CEMENT PLUG

24 Hr Summary

TRIP IN WITH FISHING TOOLS, TAG FISH @ 6268', JAR ON FISH, BROKE FREE, PUMP DRY JOB, TRIP OUT AND CHECK FISHING TOOLS, DID NOT RETRIEVE FISH, LAY DOWN FISHING TOOLS, TRIP IN OPEN ENDED TO 3000', WAIT ON CEMENTERS,TRIP IN TO CEMENT POINT (STRAP PIPE GOING IN)

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	09:30	3.50	3.50	6	TRIPS	TRIP IN WITH FISHING TOOLS
09:30	10:30	1.00	4.50	19	FISHING	TAG FISH @ 6268'
10:30	11:30	1.00	5.50	19	FISHING	JAR ON FISH, BROKE FREE
11:30	12:00	0.50	6.00	5	COND MUD & CIRC	PUMP DRY JOB
12:00	15:00	3.00	9.00	6	TRIPS	TRIP OUT AND CHECK FISHING TOOLS
15:00	16:30	1.50	10.50	19	FISHING	DID NOT RETRIEVE FISH, LAY DOWN FISHING TOOLS
16:30	17:30	1.00	11.50	22	OPEN	WAIT ON DIRECTIVE ORDERS
17:30	18:00	0.50	12.00	19	FISHING	PICK UP AND BRAKE FISHING TOOLS
18:00	21:00	3.00	15.00	6	TRIPS	TRIP IN OPEN ENDED TO 3000' (STRAP PIPE GOING IN)
21:00	02:00	5.00	20.00	22	OPEN	WAIT ON CEMENTERS
02:00	06:00	4.00	24.00	6	TRIPS	TRIP IN TO CEMENT POINT (STRAP PIPE GOING IN)

Mud Checks

6,275.0ftKB, 1/14/2015 09:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
DAP 2.75	09:00	6,275.0	9.50	45	11.0	14.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
9.000	17.000	10.3	0	8.0	0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
15.0		17,000.000	260.000	0.4		23.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.3	191.3	1.0	6000.0	445.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
6,275.0	6,275.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Bara-Defoam HP	317.47	2.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
DESCO	67.90	1.0
TAX	1.00	49.2

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/15/2015
Report #: 17.0, DFS: 13.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type:

Weather	Temperature (°F)	Road Condition	Hole Condition
CLOUDY	29.0	Good	Good

Operation At 6am: TRIPPING IN

Operation Next 24hrs: TRIP IN AND DISPLACE WATER BASE MUD OUT WITH INVERT, TRIP OUT AND PICK UP DIR TOOLS, TRIP IN AND KICK OFF CEMENT PLUG

24 Hr Summary

TRIP IN AND TAG FISH @ 6265' PICK UP, CIRCULATE FOR CEMENT, RIG UP HALLIBURTON CEMENTERS, CEMENT F/6265' T/5765' 500' CEMENT PLUG (FILL LINES 1 BBL FRESH WATER, PRESSURE TEST TO 3500, PUMP 20 BBLS TUNED SPACER @ 12 PPG, 3.13YD, 19.8 GAL/SK, PUMP 56 BBLS (335 SKS) CEMENT 17.5 PPG, 94YD, 3.32 GAL/SK, PUMP 5 BBLS TUNED SPASER 12.0 PPG, 3.13YD, 19.8 GAL/SK, DISPLACE W/72.3 BBLS OF 9.5 PPG MUD) TRIP OUT T/5265', CIRCULATE OUT CEMENT @ 3715 STKS, TRIP OUT TO 2953' INTO SURFACE CASING, WHILE WAITING ON CEMENT, PUMP OUT AND CLEAN TANKS TO CHANGE FROM WATER BASE TO INVERT, RIG UP ZECO FOR CLOSED LOOP

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	06:30	0.50	0.50	6	TRIPS	TRIP IN AND TAG FISH @ 6265' PICK UP
06:30	07:30	1.00	1.50	5	COND MUD & CIRC	CIRCULATE FOR CEMENT
07:30	09:30	2.00	3.50	12	RUN CASING & CEMENT	RIG UP HALLIBURTON CEMENTERS
09:30	11:00	1.50	5.00	12	RUN CASING & CEMENT	CEMENT CLASS G F/6265' T/5765' 500' CEMENT PLUG (FILL LINES 1 BBL FRESH WATER, PRESSURE TEST TO 3500, PUMP 20 BBLS TUNED SPACER @ 12 PPG, 3.13YD, 19.8 GAL/SK, PUMP 56 BBLS (335 SKS) CEMENT 17.5 PPG, 94YD, 3.32 GAL/SK, PUMP 5 BBLS TUNED SPASER 12.0 PPG, 3.13YD, 19.8 GAL/SK, DISPLACE W/72.3 BBLS OF 9.5 PPG MUD)
11:00	12:00	1.00	6.00	6	TRIPS	TRIP OUT T/5265'
12:00	13:00	1.00	7.00	5	COND MUD & CIRC	CIRCULATE OUT CEMENT @ 3715 STKS
13:00	14:00	1.00	8.00	6	TRIPS	TRIP OUT TO 2953' INTO SURFACE CASING
14:00	06:00	16.00	24.00	13	WAIT ON CEMENT	WHILE WAITING ON CEMENT, PUMP OUT AND CLEAN TANKS TO CHANGE FROM WATER BASE TO INVERT, RIG UP ZECO FOR CLOSED LOOP

Mud Checks

6,275.0ftKB, 1/15/2015 08:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
DAP 2.75	08:00	6,275.0	9.40	43	11.0	14.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
10.000	16.000	10.3	0	8.0	0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
15.0		19,000.000	260.000	0.4		21.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.3	37.2	1.0	6000.0	315.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components:

Comment:

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
6,275.0	6,275.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/16/2015
Report #: 18.0, DFS: 14.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type:

Weather	Temperature (°F)	Road Condition	Hole Condition
CLOUDY	36.0	Good	Good

Operation At 6am	Operation Next 24hrs
KICK OFF CEMENT PLUG WITH DIR	SIDE TRACK AND DRLG/SLIDE 8 3/4" INTER HOLE

24 Hr Summary

TRIP IN OPEN ENDED F/2953' T/5494' TAG CEMENT, DISPLACE WATER BASE MUD WITH INVERT, CLEAN HOLE, TRIP OUT FOR DIR TOOLS, PICK UP DIR TOOLS (BIT, PF MOTOR 1.75 BEND, 7/8 3.5 15 RPG, NMDC, HDS1 COLLAR, NM XO SUB, NMDC, XOVER SUBS, 30 JTS 4.5" HWDP, DRILLING JAR, 15JTS 4.5" HWDP AND SCRIB) TRIP IN, TAG CEMENT @ 5499' FIND SOLID CEMENT@ 5618', BUILD TROUGH AND SIDE TRACK F/5618' T/5626', 95% CEMENT

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	08:00	2.00	2.00	6	TRIPS	TRIP IN OPEN ENDED F/2953' T/5494' TAG CEMENT
08:00	11:00	3.00	5.00	5	COND MUD & CIRC	DISPLACE WATER BASE MUD WITH INVERT, CLEAN HOLE
11:00	14:30	3.50	8.50	6	TRIPS	TRIP OUT FOR DIR TOOLS
14:30	15:00	0.50	9.00	7	LUBRICATE RIG	RIG SERVICE
15:00	18:00	3.00	12.00	20	DIRECTIONAL WORK	PICK UP DIR TOOLS (BIT, PF MOTOR 1.75 BEND, 7/8 3.5 15 RPG, NMDC, HDS1 COLLAR, NM XO SUB, NMDC, XOVER SUBS, 30 JTS 4.5" HWDP, DRILLING JAR, 15JTS 4.5" HWDP AND SCRIB)
18:00	00:30	6.50	18.50	6	TRIPS	TRIP IN WITH DIR
00:30	03:30	3.00	21.50	20	DIRECTIONAL WORK	TAG CEMENT @ 5499' FIND SOLID CEMENT@ 5618'
03:30	06:00	2.50	24.00	2	DRILL ACTUAL	BUILD TROUGH AND SIDE TRACK F/5618' T/5626' 95% CEMENT

Mud Checks

5,494.0ftKB, 1/16/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	5,494.0	9.70	66	19.0	11.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
5.000	7.000		0	0.0	41.0	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
0.0		41,000.000	15.200			11.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	0.0	6000.0	848.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components:

Comment:

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
6,275.0	6,275.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
Sawdust	5.28	22.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/17/2015
Report #: 19.0, DFS: 15.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLOUDY	34.0	Good	Good

Operation At 6am	Operation Next 24hrs
PICKING UP DIR TOOLS	SIDE TRACK AND DRLG/SLIDE 8 3/4" INTER HOLE

24 Hr Summary

TIME DRILL F/5618' T/5638' (5' @ 5 MIN PER INCH/1' HR = 5 HOURS, 4' @ 4 MIN PER INCH/1.25' HR = 3.2 HOURS, 3' @ 3 MIN PER INCH/1.67' HR = 1.8 HOURS,2" @ 2 MIN PER INCH/2.5' HR = .8 HOURS) RIG SERVICE, TRIP OUT FOR A BIGGER BEND 2.25 M/M, NOT GETTING ENOUGH FORMATION PERCENTAGE, 95% CEMENT AND 5% FORMATION, LAY DOWN DIR TOOLS, PICK UP DIR TOOLS

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	18:30	12.50	12.50	20	DIRECTIONAL WORK	TIME DRILL F/5618' T/5638' (5' @ 5 MIN PER INCH/1' HR = 5 HOURS, 4' @ 4 MIN PER INCH/1.25' HR = 3.2 HOURS, 3' @ 3 MIN PER INCH/1.67' HR = 1.8 HOURS,2" @ 2 MIN PER INCH/2.5' HR = .8 HOURS)
18:30	19:00	0.50	13.00	7	LUBRICATE RIG	RIG SERVICE
19:00	19:30	0.50	13.50	5	COND MUD & CIRC	PUMP DRY JOB
19:30	01:30	6.00	19.50	6	TRIPS	TRIP OUT FOR A BIGGER BEND 2.25 M/M, NOT GETTING ENOUGH FORMATION PERCENTAGE, 95% CEMENT AND 5% FORMATION
01:30	04:00	2.50	22.00	20	DIRECTIONAL WORK	LAY DOWN DIR TOOLS
04:00	06:00	2.00	24.00	20	DIRECTIONAL WORK	PICK UP DIR TOOLS

Mud Checks

5,830.0ftKB, 1/17/2015 08:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	08:00	5,830.0	9.55	62	19.0	14.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
8.000	12.000		0	0.0	41.0	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
0.0		36,000.000	13.600			15.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	40.0	6000.0	848.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
6,275.0	6,275.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARABLOK	69.49	5.0
Blower	35.00	1.0
CALCIUM CHLORIDE POWD	24.05	10.0
GELTONE V	72.14	5.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/18/2015
Report #: 20.0, DFS: 16.00
Depth Progress: 33.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLOUDY	32.0	Good	Good

Operation At 6am	Operation Next 24hrs
TIME DRILL	SIDE TRACK AND DRLG/SLIDE 8 3/4" INTER HOLE

24 Hr Summary

MAKE UP DIR TOOLS AND SCRIBE, TRIP IN BHA, CIRCULATE, TEST DIR TOOLS, TRIP IN, LINE UP TOOL FACE, TIME DRILL F/5639' T/5673' (5' @ 5 MIN PER INCH/1' HR = 5 HOURS, 4' @ 4 MIN PER INCH/1.25' HR = 3.2 HOURS, 3' @ 3 MIN PER INCH/1.67' HR = 1.8 HOURS,2" @ 2 MIN PER INCH/2.5' HR = .8 HOURS) 95% CEMENT 5% SH @ 5650' 85% CEMENT 15% SH

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	07:30	1.50	1.50	20	DIRECTIONAL WORK	MAKE UP DIR TOOLS AND SCRIBE
07:30	08:00	0.50	2.00	6	TRIPS	TRIP IN BHA
08:00	08:30	0.50	2.50	20	DIRECTIONAL WORK	CIRCULATE, TEST DIR TOOLS
08:30	12:30	4.00	6.50	6	TRIPS	TRIP IN
12:30	13:00	0.50	7.00	20	DIRECTIONAL WORK	LINE UP TOOL FACE
13:00	17:30	4.50	11.50	20	DIRECTIONAL WORK	TIME DRILL F/5639' T/5643' (5' @ 5 MIN PER INCH/1' HR = 5 HOURS, 4' @ 4 MIN PER INCH/1.25' HR = 3.2 HOURS, 3' @ 3 MIN PER INCH/1.67' HR = 1.8 HOURS,2" @ 2 MIN PER INCH/2.5' HR = .8 HOURS)
17:30	18:00	0.50	12.00	7	LUBRICATE RIG	RIG SERVICE
18:00	06:00	12.00	24.00	20	DIRECTIONAL WORK	TIME DRILL F/5639' T/5673' (5' @ 5 MIN PER INCH/1' HR = 5 HOURS, 4' @ 4 MIN PER INCH/1.25' HR = 3.2 HOURS, 3' @ 3 MIN PER INCH/1.67' HR = 1.8 HOURS,2" @ 2 MIN PER INCH/2.5' HR = .8 HOURS) 95% CEMENT 5% SH @ 5650' 85% CEMENT 15% SH

Mud Checks

5,639.0ftKB, 1/18/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	5,639.0	9.55	67	22.0	12.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
7.000	10.000		0	0.0	0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
0.0		37,000.000	14.800			14.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	3.0	6000.0	658.0

Drill Strings

BHA #4, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
3	8 3/4in, FDI, RD5668	1.00	2-2-BT-S-4-3-BT-BHA	0.75	2.0

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
18/18/18	1,508.08	6.750

String Components

SMITH INSERT FDI, Mud Motor - Bent Housing, Float Sub, MWD - Directional, XO Sub - Non Mag, NMDC, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

BIT, M# FDI20, S/N RD5658, PF MOTOR 1.75 BEND, 7/8 3.5 15 RPG, NMDC, HDS1 COLLAR, NM XO SUB, NMDC, XOVER SUBS, 30 JTS 4.5" HWDP, DRILLING JAR, 15JTS 4.5" HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	5,639.0	5,672.0	33.00	16.50	2.0	400	1	0	2,341.0	128	138	

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
5,639.0	5,672.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARABLOK	69.49	5.0
BAROID 41 Barite 50lbs	7.20	0.5
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	10.0
Lime	6.38	5.0
TAX	1.00	50.2

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/19/2015
Report #: 21.0, DFS: 17.00
Depth Progress: 26.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLOUDY	39.0	Good	Good

Operation At 6am	Operation Next 24hrs
TRIPPING IN	SIDE TRACK AND DRLG/SLIDE 8 3/4" INTER HOLE

24 Hr Summary

TIME DRILL F/5673' T/5701' (WAS @ 80% CEMENT WENT TO 90%) PUMP 20 BBLS OF 11.7 PPG DRY JOB, TRIP OUT FOR DIFFERENT BIT, LAY DOWN DIR TOOLS, PICK UP NEW BIT, DIR TOOLS AND SCRIBE, TRIP IN BHA, TEST MWD TOOLS, SLIP AND CUT 65'

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	18:00	12.00	12.00	20	DIRECTIONAL WORK	TIME DRILL F/5673' T/5701' (WAS @ 80% CEMENT WENT TO 90%)
18:00	18:30	0.50	12.50	5	COND MUD & CIRC	PUMP 20 BBLS OF 11.7 PPG DRY JOB
18:30	00:00	5.50	18.00	6	TRIPS	TRIP OUT FOR DIFFERENT BIT
00:00	01:00	1.00	19.00	20	DIRECTIONAL WORK	LAY DOWN DIR TOOLS
01:00	02:30	1.50	20.50	20	DIRECTIONAL WORK	PICK UP NEW BIT, DIR TOOLS AND SCRIBE
02:30	04:00	1.50	22.00	6	TRIPS	TRIP IN BHA
04:00	04:30	0.50	22.50	20	DIRECTIONAL WORK	TEST MWD TOOLS
04:30	06:00	1.50	24.00	9	CUT OFF DRILL LINE	SLIP AND CUT 65'

Mud Checks

5,680.0ftKB, 1/19/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	5,680.0	9.70	56	22.0	11.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
7.000	10.000		0	0.0	0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
0.0		34,000.000	18,000.000			13.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
2.7	81.0	4.0	6000.0	363.0

Drill Strings

BHA #5, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
4	8 3/4in, FDI, RD4983	1.00	0-0-0-0-0-0-0-BHA	0.75	4.3

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
18/18/18	4,613.97	6.750

String Components

SMITH INSERT FDI, Mud Motor - Bent Housing, Float Sub, MWD - Directional, XO Sub - Non Mag, NMDC, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

BIT, M# FDI20, S/N RD4983, PF MOTOR 2.25 BEND, 7/8 3.5 15 RPG, NMDC, HDS1 COLLAR, NM XO SUB, NMDC, XOVER SUBS, 30 JTS 4.5" HWDP, DRILLING JAR, 15JTS 4.5" HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	5,672.0	5,698.0	26.00	6.00	4.3	420	1	0	2,130.0	135	145	

AFE Number
1716313US

Start Depth (ftKB)	End Depth (ftKB)
5,672.0	5,698.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARACOR 150	12.54	21.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
Sawdust	5.28	14.0
Steel Seal 100	125.30	20.0
TAX	1.00	717.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/20/2015
Report #: 22.0, DFS: 18.00
Depth Progress: 140.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
PARTLY CLOUDY	37.0	Good	Good

Operation At 6am	Operation Next 24hrs
TRIPPING OUT FOR 1.5 MUD MOTOR	SIDE TRACK AND DRLG/SLIDE 8 3/4" INTER HOLE

24 Hr Summary

TRIP IN AND TAG @ 5701', WASH AND REAM F/5701' T/5750', BUILD TROUGH, TIME DRILL, RIG SERVICE, TIME DRILL/SIDE TRACK T/5767' 100% FORMATION, DRLG/SLIDE 8 3/4" INTER HOLE F/5767' T/5907' (140' FPH 23.3) CIRCULATE, PUMP DRY JOB, TRIP OUT FOR 1.5 BEND MUD MOTOR AND CHANGE BIT

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	09:30	3.50	3.50	6	TRIPS	TRIP IN AND TAG @ 5701'
09:30	10:00	0.50	4.00	3	REAMING	WASH AND REAM F/5701' T/5750'
10:00	11:00	1.00	5.00	20	DIRECTIONAL WORK	BUILD TROUGH
11:00	17:30	6.50	11.50	20	DIRECTIONAL WORK	TIME DRILL
17:30	18:00	0.50	12.00	7	LUBRICATE RIG	RIG SERVICE
18:00	21:00	3.00	15.00	20	DIRECTIONAL WORK	TIME DRILL/SIDE TRACK T/5767' 100% FORMATION
21:00	03:00	6.00	21.00	2	DRILL ACTUAL	DRLG/SLIDE 8 3/4" INTER HOLE F/5767' T/5907' (140' FPH 23.3)
03:00	05:30	2.50	23.50	5	COND MUD & CIRC	CIRCULATE, PUMP DRY JOB
05:30	06:00	0.50	24.00	6	TRIPS	TRIP OUT FOR 1.5 MUD MOTOR AND CHANGE BIT

Mud Checks

5,701.0ftKB, 1/20/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	5,701.0	9.80	61	22.0	13.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
7.000	9.000		0	0.0	0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
0.0		35.500	18,400.000			12.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
5.6	52.0	15.0	6000.0	452.0

Drill Strings

BHA #6, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
5	8 3/4in, MDI611, JH5609	1.00	1-1-CT-N/G-X-0-BT-BHA	1.04	23.3

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15/15	1,502.79	6.750

String Components

SMITH MDI611 MDI611, Mud Motor - Bent Housing, Float Sub, MWD - Directional, XO Sub - Non Mag, NMDC, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

BIT, MDI611, S/N RD4983, PF MOTOR 2.25 BEND, 7/8 3.5 15 RPG, NMDC, HDS1 COLLAR, NM XO SUB, NMDC, XOVER SUBS, 30 JTS 4.5" HWDP, DRILLING JAR, 15JTS 4.5" HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	5,767.0	5,907.0	140.00	6.00	23.3	345	16	30	2,252.0	137	147	3,871.0

AFE Number	Start Depth (ftKB)	End Depth (ftKB)
1716313US	5,767.0	5,907.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARABLOK	69.49	5.0
BARACOR 150	12.54	28.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	6.0
Steel Seal 100	125.30	30.0
TAX	1.00	717.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/21/2015
Report #: 23.0, DFS: 19.00
Depth Progress: 143.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	30.0	Good	Good

Operation At 6am	Operation Next 24hrs
Drlg/Slide 8 3/4 Inter Hole @ 6050 50 bbls Mud Lost	Drlg/Slide 8 3/4 Inter Hole

24 Hr Summary

Drlg/Slide F/ 5907' T/ 6050' 143' @ 15.9 ft per hr (WOB 15 RPM 45 GPM 460) Trip for Directional Tools, Change Out Bit and Mud Motor, Scribe and Test MWD, Circ out Dry Job, Rig Service BBG 43-60 Conn 62 Peak 271 @ 5997 Trip Gas 2921 Formation Mahogany Bench Top 5624 MD 5528 TVD, Lithology MRLST 45% SH 35% SS 15% DOLST 5%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	10:00	4.00	4.00	6	TRIPS	Trip Out of Hole
10:00	11:00	1.00	5.00	20	DIRECTIONAL WORK	Change Out Bit, P/U Loging Tool
11:00	11:30	0.50	5.50	21	OPEN	Measure BHA and Put on Racks
11:30	12:00	0.50	6.00	7	LUBRICATE RIG	Rig Service
12:00	15:00	3.00	9.00	20	DIRECTIONAL WORK	P/U MWD, Scribe and Test Tool
15:00	15:30	0.50	9.50	6	TRIPS	Trip in to 550 ft
15:30	16:00	0.50	10.00	20	DIRECTIONAL WORK	Test MWD Tool
16:00	18:00	2.00	12.00	6	TRIPS	Trip in to Hole 3500'
18:00	19:00	1.00	13.00	5	COND MUD & CIRC	Circ Out Dry Job and Reprogram MwD
19:00	21:00	2.00	15.00	6	TRIPS	Trip in Hole
21:00	06:00	9.00	24.00	2	DRILL ACTUAL	Drlg/Slide F5907' T/6050' 143 ft @ 15.8 ft per hr

Mud Checks

5,907.0ftKB, 1/21/2015 08:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	08:00	5,907.0	9.60	55	24.0	10.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
7.000	9.000		0	0.0	0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
0.0		35.500	18,400.000			12.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
5.6	50.0	17.0	495.0	786.8

Drill Strings

BHA #7, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
6	8 3/4in, MDI616, JG6059	1.00	0-0-NO-None-X-0-NO-DTF	1.04	17.5

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15/15	1,546.21	6.940

String Components

Smith MDI616 Part 64283H0002 MDI616, Mud Motor -Hunting Motor 7/8 3.5 .15reg, Float Sub, MWD - AWR 675 Tool Assy, MWD - ABS 675 Memory/Battery, MWD - Directional HDS1 675, XO Sub - Non Mag, NMDC, Fitter Sub, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit #6 8 3/4 Smith MDI616 Part 64283H0002 s/n JG6059 w/6-15' , Mud Motor 1.5 bent Hunting 7/8 3.5 .15 reg, 1-XO Float Sub, 1-AWR 675 Tool Assy, 1-ABS 675-Memory/Battery, 1-Collar HDS1 675, 1-NM XO Sub, 1-NMDC 1-Fitter Sub 1-XO Sub 30-jt 4.5 HWDP, 1-HE Drilling Jar, 15- jt 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	5,907.0	6,050.0	143.00	9.00	15.9	506	15	45	2,700.0	122	142	5,200.0

AFE Number	Start Depth (ftKB)	End Depth (ftKB)
1716313US	5,907.0	6,050.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARABLOK	69.49	5.0
Barite Bulk	194.48	3.0
BAROID 41 Barite 50lbs	7.20	40.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	9.0
TAX	1.00	169.42

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/22/2015
Report #: 24.0, DFS: 20.00
Depth Progress: 129.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	36.0	Good	Good

Operation At 6am
Trip in Hole to Shoe, Mud Loss Last 24 hrs 35 bbls

Operation Next 24hrs
Trip in Hole to 3200, Circ, Trip Out L/D Directional Tools, P/U Reverse Circ Tool, Fishing Jars and Bummer sub, Trip Reverse Circ Tool in and Out, To RetreveTong Die

24 Hr Summary
Drlg/Slide F/ 6050' T/ 6179' @ 129' 19.84 ft per hr (WOB 15 RPM 45-60 GPM 460) Circ and Pump Dry Job, Trip for Directional Tools, Change Out MM for 1.75 bend, HDS1 675 Collar and MWD Tool, Scribe Tool, Tool Trip in Hole to1088',Search Rig Floor and Bird Bath for Missing Tong Die from Iron Ruffneck, No Success, Trip Out Hole to 790 Tight, Try to work pass tight spot, Trip in to 1483' Install Rotating Head, Trip in Hole to Shoe 3039' Formation Mahogany Bench BBG 70-75 Conn 81-125 Peak 429 @ 6053 Trip 127 Lithology SH 60% DOLST 25% CLYST 15%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	12:30	6.50	6.50	2	DRILL ACTUAL	Drlg/Slide F/ 6050' T/ 6179' 129' @ 19.84 ft per hrs
12:30	13:30	1.00	7.50	5	COND MUD & CIRC	Circ Samples Pump Dry Job
13:30	17:30	4.00	11.50	6	TRIPS	Check for Flow, Trip out of Hole
17:30	00:00	6.50	18.00	20	DIRECTIONAL WORK	Change Out MM for 1.75 bend, HDS1 675 Collar and MWD Tool, Scribe Tool andTest Tool
00:00	00:30	0.50	18.50	6	TRIPS	Trip in Hole to 1088'
00:30	02:00	1.50	20.00	8	REPAIR RIG	Search Rig Floor and Bird Bath for Missing Tong Die from Iron Ruffneck, No Success
02:00	03:00	1.00	21.00	8	REPAIR RIG	Trip Out Hole to 790 Tight, Try to work pass tight spot,
03:00	06:00	3.00	24.00	8	REPAIR RIG	Trip in to 1483' Install Rotating Head, Trip in Hole

Mud Checks

6,169.0ftKB, 1/22/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	6,169.0	9.70	57	17.0	12.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
9.000	21.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		34,000.000	24,000.000			26.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
	17.0	17.9	495.0	832.6

Drill Strings

BHA #8, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
6	8 3/4in, MDI616, JG6059	1.00	0-0-NO-None-X-0-NO-RIG	1.04	

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15	1,544.09	6.940

String Components
Smith MDI616 Part 64283H0002 MDI616, Mud Motor -Hunting Motor 7/8 3.5 .15reg, Float Sub, MWD - AWR 675 Tool Assy, MWD - ABS 675 Memory/Battery, MWD - Directional HDS1 675, XO Sub - Non Mag, NMDC, Fitter Sub, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment
Bit #6 8 3/4 Smith MDI616 Part 64283H0002 s/n JG6059 w/6-15' , Mud Motor 1.75 bent Hunting 7/8 3.5 .15 reg, 1-XO Float Sub, 1-AWR 675 Tool Assy, 1-ABS 675-Memory/Battery, 1-Collar HDS1 675, 1-NM XO Sub, 1-NMDC 1-Fitter Sub 1-XO Sub 30-jt 4.5 HWDP, 1-HE Drilling Jar, 15- jt 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	6,179.0	6,179.0										

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
6,050.0	6,179.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARACARB 50	12.54	2.0
BARACOR 150	12.54	7.0
Barite Bulk	194.48	2.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	20.0
DOT VEHICLE CHARGE	1.00	320.0
PALLETS	15.00	5.0
Sawdust	5.28	20.0
Shrink Wrap	15.00	5.0
Steel Seal 100	125.30	3.0
TAX	1.00	345.58
Trucking	760.00	2.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/23/2015
Report #: 25.0, DFS: 21.00
Depth Progress: 56.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	35.0	Good	Good

Operation At 6am	Operation Next 24hrs
Drlg/Slide 8 3/4 Inter Hole @ 6235 Mud Loss 35 bbls	Drlg/Slide 8 3/4 Inter Hole

24 Hr Summary

Trip in hole to 3300', Circ, Trip Out of hole. L/D Directional Tool, Open Blind Rams Door and Retrive Tong Die,(Tong Die was stuck on mud motor above bend on mud motor), Test BOP Equipment to 5000 psi, P/U Directional Tools Scribe and Test Same, Trip in Hole, Drlg/Slide 8 3/4 Inter Hole F/ 6179' T/ 6235' 56' @16 ft per hrs (WOB 15 RPM 40 GPM 450) Formation Mahogany Bench BBG 160-200 Conn n/a Peak 193 @ 6184' Trip Gas 1222 Lithology SH 60% DOLST 25% CLYST 15%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	06:30	0.50	0.50	8	REPAIR RIG	Trip in Hole To 3330
06:30	07:00	0.50	1.00	8	REPAIR RIG	Circ Hole @ 3330
07:00	07:30	0.50	1.50	8	REPAIR RIG	Rig Repair Pivot Cylinder on Boom
07:30	10:30	3.00	4.50	8	REPAIR RIG	Trip Out Hole
10:30	12:30	2.00	6.50	8	REPAIR RIG	L/D Directional Tools
12:30	13:30	1.00	7.50	8	REPAIR RIG	Open Door on Blind Rams and Retrieve Tong Die L/D Bit and Mud Motor
13:30	18:00	4.50	12.00	15	TEST B.O.P	Held Safety Meeting With B&C Quick Test BOP Equipment, Test Pipe. Blind, Safety Valve. Choke Line, Choke Valves Choke Manifold, Kill Line. To 5000 PSI for 10 minutes, Annular 2500 for 10 minutes
18:00	02:30	8.50	20.50	20	DIRECTIONAL WORK	P/U Bit and Directional Tools Scribe Tools and Trip in Hole
02:30	06:00	3.50	24.00	2	DRILL ACTUAL	Drlg/Slide F/6179' T/ 6235' 56' @ 16 ft per hrs

Mud Checks

6,179.0ftKB, 1/23/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	6,179.0	9.70	61	17.0	9.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
11.000	23.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		34,000.000	21,600.000			26.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
	16.7	20.0	495.0	754.2

Drill Strings

BHA #9, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
6	8 3/4in, MDI616, JG6059	1.00	3-3-WT-A-X-0-WT-BHA	1.04	32.3

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15/15	1,538.55	6.940

String Components

Smith MDI616 Part 64283H0002 MDI616, Pathfinder Motor 7/8 5 .288 reg 1.75 Bend, Float Sub, MWD - AWR 675 Tool Assy, MWD - ABS 675 Memory/Battery, MWD - Directional HDS1 675, XO Sub - Non Mag, NMDC, Fitter Sub, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit #6 8 3/4 Smith MDI616 Part 64283H0002 s/n JG6059 w/6-15' , Mud Motor 1.75 bent Pathfinder 7/8 5 .288 reg, 1-XO Float Sub, 1-AWR 675 Tool Assy, 1-ABS 675-Memory/Battery, 1-Collar HDS1 675, 1-NM XO Sub, 1-NMDC 1-Fitter Sub 1-XO Sub 30-jt 4.5 HWDP, 1-HE Drilling Jar, 15- jt 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	6,179.0	6,235.0	56.00	3.50	16.0	450	15	40	2,500.0	133	155	4,000.0

AFE Number	Start Depth (ftKB)	End Depth (ftKB)
1716313US	6,179.0	6,235.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARACARB 50	12.54	5.0
BARACOR 150	12.54	7.0
Barite Bulk	194.48	2.0
BAROID 41 Barite 50lbs	7.20	29.0
BAROID Barite 100 lbs	11.70	2.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	45.0
DOT VEHICLE CHARGE	1.00	160.0
Sawdust	5.28	6.0
Steel Seal 100	125.30	6.0
TAX	1.00	319.34
Trucking	760.00	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/24/2015
Report #: 26.0, DFS: 22.00
Depth Progress: 698.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	36.0	Good	Good

Operation At 6am	Operation Next 24hrs
Drlg/Slide 8 3/4 Inter Hole @ 6933' Mud Loss 141 bbls	Drlg/Slide 8 3/4 Inter Hole

24 Hr Summary
Drlg/Slide F/ 6235' T/ 6933' 698' @ 29.7 ft per hr (WOB 15 RPM 50 GPM 415) Rig Service Formation Mahogany Bench BBG 140-170 Conn 104-1086 Peak 638 @ 6527 Lithology SH 65% CLYST 20% DOLST 10% LS 5%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	13:00	7.00	7.00	2	DRILL ACTUAL	Drlg/Slide F/ 6235' T/ 6432' 197' @ 28.14 ft per hr
13:00	13:30	0.50	7.50	7	LUBRICATE RIG	Rig Service
13:30	06:00	16.50	24.00	2	DRILL ACTUAL	Drlg/Slide F/ 6432' T/ 6933' 501' @ 30.36 ft per hrs

Mud Checks

6,355.0ftKB, 1/24/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	6,355.0	9.20	55	16.0	10.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
11.000	24.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		33,000.000	18,800.000			29.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
	141.0	10.0	278.0	853.3

Drill Strings

BHA #9, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
6	8 3/4in, MDI616, JG6059	1.00	3-3-WT-A-X-0-WT-BHA	1.04	32.3

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15/15	1,538.55	6.940

String Components
Smith MDI616 Part 64283H0002 MDI616, Pathfinder Motor 7/8 5 .288 reg 1.75 Bend, Float Sub, MWD - AWR 675 Tool Assy, MWD - ABS 675 Memory/Battery, MWD - Directional HDS1 675, XO Sub - Non Mag, NMDC, Fitter Sub, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment
Bit #6 8 3/4 Smith MDI616 Part 64283H0002 s/n JG6059 w/6-15' , Mud Motor 1.75 bent Pathfinder 7/8 5 .288 reg, 1-XO Float Sub, 1-AWR 675 Tool Assy, 1-ABS 675-Memory/Battery, 1-Collar HDS1 675, 1-NM XO Sub, 1-NMDC 1-Fitter Sub 1-XO Sub 30-jt 4.5 HWDP, 1-HE Drilling Jar, 15- jt 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	6,235.0	6,933.0	754.00	27.00	29.7	415	15	40	2,400.0	135	160	4,000.0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
6,235.0	6,933.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BA.STOP Pit	30.54	2.0
BARABLOK	69.49	10.0
BARACARB 50	12.54	6.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
Lime	6.38	5.0
Sawdust	5.28	5.0
Steel Seal 100	125.30	4.0
TAX	1.00	170.07

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/25/2015
Report #: 27.0, DFS: 23.00
Depth Progress: 730.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	36.0	Good	Good

Operation At 6am	Operation Next 24hrs
Drlg/Slide 8 3/4 Inter Hole @ 7663 Mud Loss 190 bbls	Drlg/Slide 8 3/4 Inter Hole

24 Hr Summary

Drlg/Slide F/ 6933' T/ 7663' 730' @ 31.06 ft per hr (WOB 15 RPM 50 GPM 415) Rig Service Formation TGR3 Top TGR3 6892 MD BBG 380-420 Conn 119-498 Peak 1433 @ 7459 Lithology SH 70% CLYST 20% SS 10%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	16:00	10.00	10.00	2	DRILL ACTUAL	Drlg/Slide F/ 6933' T/ 7207' 274' @ 27.4 ft per hr
16:00	16:30	0.50	10.50	7	LUBRICATE RIG	Rig Service
16:30	06:00	13.50	24.00	2	DRILL ACTUAL	Drlg/Slide F/ 7207' T/7663' 456' @ 33.77 ft per hr

Mud Checks

7,044.0ftKB, 1/25/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	7,044.0	9.50	56	17.0	11.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
10.000	22.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		36,000.000	20,800.000			25.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
	190.0	48.0	212.0	783.4

Drill Strings

BHA #9, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
6	8 3/4in, MDI616, JG6059	1.00	3-3-WT-A-X-0-WT-BHA	1.04	32.3

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15/15	1,538.55	6.940

String Components

Smith MDI616 Part 64283H0002 MDI616, Pathfinder Motor 7/8 5 .288 reg 1.75 Bend, Float Sub, MWD - AWR 675 Tool Assy, MWD - ABS 675 Memory/Battery, MWD - Directional HDS1 675, XO Sub - Non Mag, NMDC, Fitter Sub, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit #6 8 3/4 Smith MDI616 Part 64283H0002 s/n JG6059 w/6-15' , Mud Motor 1.75 bent Pathfinder 7/8 5 .288 reg, 1-XO Float Sub, 1-AWR 675 Tool Assy, 1-ABS 675-Memory/Battery, 1-Collar HDS1 675, 1-NM XO Sub, 1-NMDC 1-Fitter Sub 1-XO Sub 30-jt 4.5 HWDP, 1-HE Drilling Jar, 15- jt 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	6,933.0	7,663.0	1,484.0	50.50	31.1	415	15	50	2,750.0	145	165	6,700.0

AFE Number
1716313US

Start Depth (ftKB)	End Depth (ftKB)
6,933.0	7,663.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BA.STOP Pit	30.54	15.0
BARABLOK	69.49	15.0
BARACARB 50	12.54	43.0
Barite Bulk	194.48	2.0
BAROID Barite 100 lbs	11.70	96.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
Casing Seal	180.00	1.0
DOT VEHICLE CHARGE	1.00	480.0
GELTONE V	72.14	6.0
Lime	6.38	25.0
PALLETS	15.00	38.0
Sawdust	5.28	27.0
Shrink Wrap	15.00	20.0
TAX	1.00	635.11
Trucking	760.00	3.0
Walnut Shells	15.90	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/26/2015
Report #: 28.0, DFS: 24.00
Depth Progress: 742.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	45.0	Good	Good

Operation At 6am	Operation Next 24hrs
Trip out for Curve BHA @ Mud Loss 50	Trip for Curve BHA, Drlg/Slide 8 3/4 Inter Hole

24 Hr Summary

Drlg/Slide F/ 7663' T/ 8405 742' @ 40.10 ft per hr (WOB 15 RPM 50 GPM 415) Rig Service, Pump Dry Job,Check for Flow, Trip out of Hole, Repair Boom, Formation Black Shake, Formation Topps Douglas Creek 7880', Black Shale 8213, BBG 450-500, Conn 306-1225, Peak 752@7645' Trip 535 Lithology SH 75% CLYST 25%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	16:30	10.50	10.50	2	DRILL ACTUAL	Drlg/Slide F/7663' T/ 8075' 412' @39.23 ft per hr
16:30	17:00	0.50	11.00	7	LUBRICATE RIG	Rig Service
17:00	01:00	8.00	19.00	2	DRILL ACTUAL	Drlg/Slide F/ 8075' T/ 8405' 330' @ 41.25 ft per hr
01:00	03:00	2.00	21.00	5	COND MUD & CIRC	Circ, Pump Dry Job and Check for Flow
03:00	04:30	1.50	22.50	6	TRIPS	Trip Out of Hole
04:30	05:00	0.50	23.00	8	REPAIR RIG	Repair Boom
05:00	06:00	1.00	24.00	6	TRIPS	Trip Out of Hole

Mud Checks

7,877.0ftKB, 1/26/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	7,877.0	9.50	56	17.0	10.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
11.000	20.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		37,000.000	20,000.000			25.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
	50.0	48.0	303.0	967.6

Drill Strings

BHA #9, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
6	8 3/4in, MDI616, JG6059	1.00	3-3-WT-A-X-0-WT-BHA	1.04	32.3

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15/15	1,538.55	6.940

String Components

Smith MDI616 Part 64283H0002 MDI616, Pathfinder Motor 7/8 5 .288 reg 1.75 Bend, Float Sub, MWD - AWR 675 Tool Assy, MWD - ABS 675 Memory/Battery, MWD - Directional HDS1 675, XO Sub - Non Mag, NMDC, Fitter Sub, XO Sub, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit #6 8 3/4 Smith MDI616 Part 64283H0002 s/n JG6059 w/6-15' , Mud Motor 1.75 bent Pathfinder 7/8 5 .288 reg, 1-XO Float Sub, 1-AWR 675 Tool Assy, 1-ABS 675-Memory/Battery, 1-Collar HDS1 675, 1-NM XO Sub, 1-NMDC 1-Fitter Sub 1-XO Sub 30-jt 4.5 HWDP, 1-HE Drilling Jar, 15- jt 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	7,663.0	8,405.0	2,226.0 0	69.00	40.1	415	15	50	2,750.0	150	175	7,000. 0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
7,663.0	8,405.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BA.STOP Pit	30.54	54.0
BARABLOK	69.49	22.0
BARACARB 50	12.54	150.0
BARACOR 150	12.54	73.0
Barite Bulk	194.48	1.0
BAROID 41 Barite 50lbs	7.20	46.0
BAROID Barite 100 lbs	11.70	22.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	30.0
Casing Seal	180.00	2.0
DOT VEHICLE CHARGE	1.00	320.0
GELTONE V	72.14	16.0
Lime	6.38	21.0
Sawdust	5.28	57.0
Steel Seal 100	125.30	70.0
TAX	1.00	1,513. 3
Trucking	760.00	2.0

Safety Checks

Time	Type	Des

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/26/2015
Report #: 28.0, DFS: 24.00
Depth Progress: 742.00

Well Name: KENDALL 14-4-3-1E - WS

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/27/2015
Report #: 29.0, DFS: 25.00
Depth Progress: 30.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	45.0	Good	Good

Operation At 6am	Operation Next 24hrs
Drlg/Slide 8 3/4 Inter Hole Cruve @ 8435' 100 bbls Mud Loss	Drlg/Slide 8 3/4 Inter Hole Curve

24 Hr Summary

Trip out and in Hole for Curve BHA, Directional Work Change out MM, XOsub Down & Up Link MWD, Rig Service Slip and Cut Drilling Line, Drlg/Slide 8 3/4 Inter Hole F/ 8405 T/ 8435' 30' @ 7.5 ft per hr (WOB 15 RPM 30 GPM 430) Formation Black Shale BBG 450-500, Peak Gas 6881' @ 8409 and 1314 @ 8420, Trip Gas 5423 Lithology SH 75% CLYST 35%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	08:30	2.50	2.50	6	TRIPS	Trip out for Curve BHA
08:30	09:00	0.50	3.00	7	LUBRICATE RIG	Rig Service
09:00	11:00	2.00	5.00	6	TRIPS	Trip out for Curve BHA
11:00	16:00	5.00	10.00	20	DIRECTIONAL WORK	Directional Work Change out MM, XOsub Down & Up Link MWD
16:00	19:00	3.00	13.00	6	TRIPS	Trip in Hole, Install Rotating Head 2700'
19:00	20:00	1.00	14.00	9	CUT OFF DRILL LINE	Slip and Cut Drlg Line 75ft
20:00	21:00	1.00	15.00	6	TRIPS	Trip in Hole 3500'
21:00	22:00	1.00	16.00	6	TRIPS	Circ out Dry Job and Test MWD
22:00	02:00	4.00	20.00	6	TRIPS	Trip in Hole 8405'
02:00	06:00	4.00	24.00	2	DRILL ACTUAL	Drlg/Slide F/ 8405' T/ 8435' 30' @ 7.5 ft per hr

Mud Checks

8,405.0ftKB, 1/27/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	8,405.0	9.60	63	19.0	13.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
12.000	22.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		32,000.000	18,400.000			26.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
	70.0	30.4	367.0	925.7

Drill Strings

BHA #10, Build Cruve

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
7	8 3/4in, MDI611, JH4434	1.00	0-4-WT-G-X-0-CT-BHA	1.04	13.8

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15/15	2,809.32	6.880

String Components

Smith MDI611 Part 65664A0001 s/n JH4434 MDI611, Pathfinder Motor 7/8 3.5 .15rev 2deg bend, Float Sub, MWD - AWR 675 Tool Assy, MWD - ABS 675 Memory/Battery, MWD - Directional HDS1 675, XO Sub - Non Mag, NMDC, Fitter Sub, XO Sub, Drill Pipe Push Pipe, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit #7 8 3/4 Smith MDI611 Part 65664A0001 s/n JH4434 w/6-15' , Mud Motor 2.00 bent Pathfinder 7/8 3.5 .15 reg, 1-XO Float Sub, 1-AWR 675 Tool Assy, 1-ABS 675-Memory/Battery, 1-Collar HDS1 675, 1-NM XO Sub, 1-NMDC 1-Fitter Sub 1-XO Sub, 30-jt 4.5 Push Pipe, 30-jt 4.5 HWDP, 1-HE Drilling Jar, 15- jt 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	8,405.0	8,435.0	30.00	4.00	7.5	430	15	30	2,550.0	155	188	6,500.0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
8,405.0	8,435.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BA.STOP Pit	30.54	9.0
BARABLOK	69.49	19.0
BARACARB 50	12.54	18.0
BARACOR 150	12.54	4.0
Barite Bulk	194.48	21.0
BAROID 41 Barite 50lbs	7.20	64.0
BAROID Barite 100 lbs	11.70	80.0
Baro-Seal Classic	18.53	28.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
Casing Seal	180.00	2.0
DOT VEHICLE CHARGE	1.00	160.0
GELTONE V	72.14	15.0
Lime	6.38	12.0
PALLETS	15.00	13.0
Sawdust	5.28	6.0
Shrink Wrap	15.00	13.0
Steel Seal 100	125.30	21.0
TAX	1.00	1,001.32
Trucking	760.00	1.0

Safety Checks

Time	Type	Des

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/27/2015
Report #: 29.0, DFS: 25.00
Depth Progress: 30.00

Well Name: KENDALL 14-4-3-1E - WS

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/28/2015
Report #: 30.0, DFS: 26.00
Depth Progress: 305.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	45.0	Good	Good

Operation At 6am	Operation Next 24hrs
Drlg/Slide 8 3/4 Inter Hole Cruve @ 8740' 50 BBLs Mud Loss	Drlg/Slide 8 3/4 Inter Hole Curve

24 Hr Summary

Drlg/Slide 8 3/4 Inter Hole F/ 8435' T/ 8740' 305' @ 14.52 ft per hr (WOB 15 RPM 30 GPM 440) Work pipe free Pull out of hole F/ 8637' T/ 8540' Ream back to Bottom, Formation Douglas Creek (Formation Topps Black Shale 8213, Castle Peak 8392, BBG 750-850, Conn 1262-1644, Peak Formation 1253 @ 8577 Peak Gas 2142 @ 8652)

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	20:00	14.00	14.00	2	DRILL ACTUAL	Drlg/Slide 8 3/4 Inter Hole F/ 8435' T/ 8637' 202' @ 14.42 ft per hrs
20:00	23:00	3.00	17.00	21	OPEN	Work pipe free Pull out of hole F/ 8637 T/ 8540' Ream back to Bottom
23:00	06:00	7.00	24.00	2	DRILL ACTUAL	Drlg/Slide 8 3/4 Inter Hole F/ 8637' T/ 8740' 103' 14.71 ft per hrs

Mud Checks

8,504.0ftKB, 1/28/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	8,504.0	9.80	53	17.0	10.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
10.000	16.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		28,000.000	18,400.000			20.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
11.0	10.0	39.2	331.0	931.8

Drill Strings

BHA #10, Build Cruve

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
7	8 3/4in, MDI611, JH4434	1.00	0-4-WT-G-X-0-CT-BHA	1.04	13.8

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15/15	2,809.32	6.880

String Components

Smith MDI611 Part 65664A0001 s/n JH4434 MDI611, Pathfinder Motor 7/8 3.5 .15rev 2deg bend, Float Sub, MWD - AWR 675 Tool Assy, MWD - ABS 675 Memory/Battery, MWD - Directional HDS1 675, XO Sub - Non Mag, NMDC, Fitter Sub, XO Sub, Drill Pipe Push Pipe, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit #7 8 3/4 Smith MDI611 Part 65664A0001 s/n JH4434 w/6-15' , Mud Motor 2.00 bent Pathfinder 7/8 3.5 .15 reg, 1-XO Float Sub, 1-AWR 675 Tool Assy, 1-ABS 675-Memory/Battery, 1-Collar HDS1 675, 1-NM XO Sub, 1-NMDC 1-Fitter Sub 1-XO Sub, 30-jt 4.5 Push Pipe, 30-jt 4.5 HWDP, 1-HE Drilling Jar, 15- jt 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	8,435.0	8,740.0	335.00	25.00	14.5	440	15	30	2,550.0	165	210	8,500.0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
8,435.0	8,740.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BA.STOP Pit	30.54	29.0
BARACARB 50	12.54	23.0
BARACOR 150	12.54	8.0
BAROID 41 Barite 50lbs	7.20	90.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
DOT VEHICLE CHARGE	1.00	160.0
Driltreat	831.63	1.0
EZ MUL	873.26	2.0
GELTONE V	72.14	5.0
Lime	6.38	115.0
Steel Seal 100	125.30	2.0
TAX	1.00	541.84
Trucking	760.00	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/29/2015
Report #: 31.0, DFS: 27.00
Depth Progress: 320.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	45.0	Good	Good

Operation At 6am	Operation Next 24hrs
Drlg/Slide 8 3/4 Inter Hole Cruve @ 9060' 90 BBls Mud Loss	Drlg/Slide 8 3/4 Inter Hole Curve

24 Hr Summary

Drlg/Slide 8 3/4 Inter Hole F/ 8740' T/ 9060' 320' @ 14.22 ft per hr (WOB 15 RPM 30 GPM 440) Work Tight Hole Pull out F/ 8978 T/ 8905 Ream Back to Bottom, Formation Uteland Butte top 8700 MD, BBG 620-680 Conn 957-2327, PFG 1424 @ 8784, Peak Gas 5485 @ 8746

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	14:00	8.00	8.00	2	DRILL ACTUAL	Drlg/Slide 8 3/4 Inter Hole F/ 8740' T/ 8906' 166' @ 20.75 ft per hr
14:00	14:30	0.50	8.50	7	LUBRICATE RIG	Rig Service
14:30	19:30	5.00	13.50	2	DRILL ACTUAL	Drlg/Slide 8 3/4 Inter Hole F/ 8906' T/ 8978' 72' @ 14.4 ft per hr
19:30	20:30	1.00	14.50	5	COND MUD & CIRC	Work Tight Hole Pull out F/ 8978 T/ 8905 Ream Back to Bottom
20:30	06:00	9.50	24.00	2	DRILL ACTUAL	Drlg/Slide 8 3/4 Inter Hole F/ 8978' T/ 9060' 82' @ 8.63 ft per hr

Mud Checks

8,875.0ftKB, 1/29/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	8,875.0	10.10	51	19.0	13.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
13.000	22.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		30,000.000	16,000.000			25.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
100.0	75.5	14.6	380.0	904.1

Drill Strings

BHA #10, Build Cruve

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
7	8 3/4in, MDI611, JH4434	1.00	0-4-WT-G-X-0-CT-BHA	1.04	13.8

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15/15	2,809.32	6.880

String Components

Smith MDI611 Part 65664A0001 s/n JH4434 MDI611, Pathfinder Motor 7/8 3.5 .15rev 2deg bend, Float Sub, MWD - AWR 675 Tool Assy, MWD - ABS 675 Memory/Battery, MWD - Directional HDS1 675, XO Sub - Non Mag, NMDC, Fitter Sub, XO Sub, Drill Pipe Push Pipe, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit #7 8 3/4 Smith MDI611 Part 65664A0001 s/n JH4434 w/6-15' , Mud Motor 2.00 bent Pathfinder 7/8 3.5 .15 reg, 1-XO Float Sub, 1-AWR 675 Tool Assy, 1-ABS 675-Memory/Battery, 1-Collar HDS1 675, 1-NM XO Sub, 1-NMDC 1-Fitter Sub 1-XO Sub, 30-jt 4.5 Push Pipe, 30-jt 4.5 HWDP, 1-HE Drilling Jar, 15- jt 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	8,740.0	9,060.0	655.00	47.50	14.2	440	15	30	2,650.0	173	216	8,500.0
Original Hole	9,060.0	9,060.0	655.00	47.50		440	15	30	2,650.0	173	216	8,500.0

AFE Number	Start Depth (ftKB)	End Depth (ftKB)
1716313US	8,740.0	9,060.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BA.STOP Pit	30.54	44.0
BARABLOK	69.49	12.0
BARACARB 50	12.54	39.0
BARACOR 150	12.54	10.0
Barite Bulk	194.48	18.0
BAROID Barite 100 lbs	11.70	280.0
Baro-Seal Classic	18.53	2.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
DOT VEHICLE CHARGE	1.00	160.0
Driltreat	831.63	1.0
GELTONE V	72.14	45.0
Lime	6.38	30.0
TAX	1.00	541.84
Trucking	760.00	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/30/2015
Report #: 32.0, DFS: 28.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Rain	43.0	Good	Good

Operation At 6am	Operation Next 24hrs
Tripin Hole @ 6000' 100 BBLs Mud Loss	Trip in Hole, Drlg/Slide 8 3/4 Inter Hole Curve

24 Hr Summary

Work Pipe, Circ Bottom up, Trip in and out for Directional Tools, C/O Mud Motor & Bit, Level Sub, Formation Wasatch Top 8861, BBG 650-750, PFG 857 @ 9056 Peak Gas 1235 @ 9051 Lithology 70% SH 25% SS 5%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	06:30	0.50	0.50	21	OPEN	Work Pipe free @ 9060
06:30	08:00	1.50	2.00	5	COND MUD & CIRC	Circ
08:00	15:30	7.50	9.50	6	TRIPS	Pump out of Hole F/ 9060' T/ 8600', Trip out of Hole to 8400', Check for Flow, Pump Dry Job, Trip out of Hole
15:30	18:00	2.50	12.00	20	DIRECTIONAL WORK	Directionl Work Down Link MWD L/D Tools
18:00	19:00	1.00	13.00	22	OPEN	Raise Level and Tighten Substructure Jacks
19:00	22:00	3.00	16.00	20	DIRECTIONAL WORK	Directionl Work UP Link MWD L/D Tools C/O MM and Bit
22:00	03:00	5.00	21.00	6	TRIPS	Trip in Hole 3200
03:00	04:00	1.00	22.00	5	COND MUD & CIRC	Install Rotating Head Circ Bottom Up
04:00	06:00	2.00	24.00	6	TRIPS	Trip in Hole

Mud Checks

9,062.0ftKB, 1/30/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	9,062.0	10.10	56	18.0	13.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
12.000	19.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		21,000.000	13,200.000			23.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
100.0	100.0	0.0	330.0	1083.8

Drill Strings

BHA #11, Build Cruve

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
8	8 3/4in, MDI611, JH2520	1.00	1-8-WT-S-X-0-WT-PR	1.04	14.6

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15/15	2,803.42	6.880

String Components

Smith MDI611 Part 65664A0001 MDI611, Pathfinder Motor 7/8 5.0 .288rev 1.75 deg bend, Float Sub, MWD - AWR 675 Tool Assy, MWD - ABS 675 Memory/Battery, MWD - Directional HDS1 675, XO Sub - Non Mag, NMDC, Fitter Sub, XO Sub, Drill Pipe Push Pipe, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit #8 8 3/4 Smith MDI611 s/n JH2520 w/6-15' , Mud Motor 1.75 bent Pathfinder 7/8 5.0 .288 reg, 1-XO Float Sub, 1-AWR 675 Tool Assy, 1-ABS 675-Memory/Battery, 1-Collar HDS1 675, 1-NM XO Sub, 1-NMDC 1-Fitter Sub 1-XO Sub, 30-jt 4.5 Push Pipe, 30-jt 4.5 HWDP, 1-HE Drilling Jar, 15- jt 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	9,060.0	9,060.0										

AFE Number		
1716313US		
Start Depth (ftKB)	End Depth (ftKB)	
9,060.0	9,060.0	
Target Formation	Target Depth (ftKB)	
Wastach	13,541.0	
Last Casing String		
Surface, 3,039.0ftKB		

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330
Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	
P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	
P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BA.STOP Pit	30.54	95.0
BARABLOK	69.49	9.0
BARACARB 50	12.54	80.0
BARACOR 150	12.54	11.0
Barite Bulk	194.48	7.0
BAROID 41 Barite 50lbs	7.20	90.0
BAROID Barite 100 lbs	11.70	240.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	23.0
DOT VEHICLE CHARGE	1.00	480.0
Driltreat	831.63	2.0
EZ MUL	873.26	1.0
GELTONE V	72.14	26.0
INVERMUL	809.48	2.0
Lime	6.38	33.0
PALLETS	15.00	27.0
Shrink Wrap	15.00	27.0
Steel Seal 100	125.30	2.0
TAX	1.00	1,458.71
Trucking	760.00	3.0
Walnut Shells	15.90	8.0

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/30/2015
Report #: 32.0, DFS: 28.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 1/31/2015
Report #: 33.0, DFS: 29.00
Depth Progress: 355.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Rain	46.0	Good	Good

Operation At 6am	Operation Next 24hrs
Drlg/Slide 8 3/4 Inter Hole Cruve @ 9415 270 BBLS Mud Loss	Drlg/Slide 8 3/4 Inter Hole Curve

24 Hr Summary

Trip in Hole Fill 6000, 8400, Drlg/Slide F/ 9060 T/ 9415 335' @ 18.20 ft per hr (WOB 20 RPM 30 GPM 440) Formation Wasatch, BBG 1400-1450, Conn 444-1944, Peak Formation 1238 @ 9146, Trip 5672, Peak Gas 5672 @ 9065, Lithology CLYST 80% SH 20%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	10:00	4.00	4.00	6	TRIPS	Trip in Hole Fill @ 6000' and 8400'
10:00	16:00	6.00	10.00	2	DRILL ACTUAL	Drlg/Slide F/ 9060' T/9219' 159' @ 26.5 ft per hr
16:00	16:30	0.50	10.50	7	LUBRICATE RIG	Rig Service
16:30	06:00	13.50	24.00	2	DRILL ACTUAL	Drlg/Slide F/ 9219' T/ 9415' 196' @ 14.51 ft per hrs

Mud Checks

9,083.0ftKB, 1/31/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	9,083.0	10.10	51	20.0	11.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
11.000	17.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		23,000.000	16,400.000			19.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
	230.0	41.0	161.0	987.8

Drill Strings

BHA #11, Build Cruve

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
8	8 3/4in, MDI611, JH2520	1.00	1-8-WT-S-X-0-WT-PR	1.04	14.6

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15/15	2,803.42	6.880

String Components

Smith MDI611 Part 65664A0001 MDI611, Pathfinder Motor 7/8 5.0 .288rev 1.75 deg bend, Float Sub, MWD - AWR 675 Tool Assy, MWD - ABS 675 Memory/Battery, MWD - Directional HDS1 675, XO Sub - Non Mag, NMDC, Fitter Sub, XO Sub, Drill Pipe Push Pipe, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit #8 8 3/4 Smith MDI611 s/n JH2520 w/6-15' , Mud Motor 1.75 bent Pathfinder 7/8 5.0 .288 reg, 1-XO Float Sub, 1-AWR 675 Tool Assy, 1-ABS 675-Memory/Battery, 1-Collar HDS1 675, 1-NM XO Sub, 1-NMDC 1-Fitter Sub 1-XO Sub, 30-jt 4.5 Push Pipe, 30-jt 4.5 HWDP, 1-HE Drilling Jar, 15- jt 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	9,060.0	9,415.0	355.00	19.50	18.2	440	20	30	2,600.0	170	229	

AFE Number
1716313US

Start Depth (ftKB)	End Depth (ftKB)
9,060.0	9,415.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BA.STOP Pit	30.54	32.0
BARABLOK	69.49	5.0
BARACOR 150	12.54	6.0
Barite Bulk	194.48	27.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	2.0
GELTONE V	72.14	7.0
Lime	6.38	37.0
TAX	1.00	589.75

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/1/2015
Report #: 34.0, DFS: 30.00
Depth Progress: 141.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Fog	45.0	Good	Good

Operation At 6am	Operation Next 24hrs
Trip out for inter casing, Mud Loss 90 bbls	Trip out for Inter Casing, Spot Kill Mud @ 8400, Run 7 Inter Casing

24 Hr Summary

Drlg/Slide F/ 9415' T/ 9556' 141' @ 9.7 ft per hr (WOB 20 RPM 30 GPM 440) Circ, Short Trip F/ 9556' T/ 8400' Trip out for 7" inter Casing, Formation Wasatch, BBG 1300-1400, Conn 1537-1725, Peak Formation 1234 @ 9456 Trip 4057, Circ 1087-4057 Peak 2045 @ 9542 Lithology SH 50% CLYST 30% LS 20%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	16:00	10.00	10.00	2	DRILL ACTUAL	Drlg/Slide F/ 9415' T/ 9538' 123' @12.3 ft per hr
16:00	16:30	0.50	10.50	7	LUBRICATE RIG	Rig Service
16:30	21:00	4.50	15.00	2	DRILL ACTUAL	Drlg/Slide F/ 9538' T/ 9556' 18' @ 4 ft per hrs
21:00	23:00	2.00	17.00	5	COND MUD & CIRC	Circ
23:00	02:30	3.50	20.50	6	TRIPS	Short Trip F/ 9556' T/ 8400'
02:30	04:30	2.00	22.50	5	COND MUD & CIRC	Circ
04:30	06:00	1.50	24.00	6	TRIPS	Trip out of hole

Mud Checks

9,477.0ftKB, 2/1/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	9,477.0	10.20	58	21.0	16.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
11.000	18.000				0.3	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		32,000.000	18,000.000			20.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
200.0	40.0	48.0	204.0	963.8

Drill Strings

BHA #11, Build Cruve

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
8	8 3/4in, MDI611, JH2520	1.00	1-8-WT-S-X-0-WT-PR	1.04	14.6

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
15/15/15/15/15/15	2,803.42	6.880

String Components

Smith MDI611 Part 65664A0001 MDI611, Pathfinder Motor 7/8 5.0 .288rev 1.75 deg bend, Float Sub, MWD - AWR 675 Tool Assy, MWD - ABS 675 Memory/Battery, MWD - Directional HDS1 675, XO Sub - Non Mag, NMDC, Fitter Sub, XO Sub, Drill Pipe Push Pipe, HWDP, Drilling Jars - Hydraulic, HWDP

Comment

Bit #8 8 3/4 Smith MDI611 s/n JH2520 w/6-15' , Mud Motor 1.75 bent Pathfinder 7/8 5.0 .288 reg, 1-XO Float Sub, 1-AWR 675 Tool Assy, 1-ABS 675-Memory/Battery, 1-Collar HDS1 675, 1-NM XO Sub, 1-NMDC 1-Fitter Sub 1-XO Sub, 30-jt 4.5 Push Pipe, 30-jt 4.5 HWDP, 1-HE Drilling Jar, 15- jt 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	9,415.0	9,556.0	496.00	34.00	9.7	440	20	30	2,600.0	170	230	

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
9,415.0	9,556.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Surface, 3,039.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BA.STOP Pit	30.54	100.0
BARABLOK	69.49	10.0
BARACARB 50	12.54	65.0
BARACOR 150	12.54	14.0
BAROID Barite 100 lbs	11.70	40.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	50.0
Casing Seal	180.00	5.0
DOT VEHICLE CHARGE	1.00	800.0
GELTONE V	72.14	2.0
Lime	6.38	47.0
PALLETS	15.00	16.0
Shrink Wrap	15.00	15.0
Steel Seal 100	125.30	1.0
TAX	1.00	963.17
Trucking	760.00	5.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/2/2015
Report #: 35.0, DFS: 31.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	43.0	Good	Good

Operation At 6am	Operation Next 24hrs
RIH w/ 7" 26 # P-110 Inter Casing @ 4000 Mud Loss 200 Bbls	RIH w/ 7" 26 # P-110 Inter Casing, Circ Casing, Cement Casing, P/U 4" Tools

24 Hr Summary

Trip out of hole to 8400' Pump 150 bbls 13.2 ppg Kill Mud Spotted F/8400' T/ 6200', Pump 50 bbls 14 ppg Dry Job, Check for Flow, Trip out of Hole, Slip and Cut Drlg Line 70 ft, Down Link and L/D Directional Tools, Install Flow Nipple, Rig Up to Run 7" inter casing, RIH with 7" P-110 26 # BTC

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	11:30	5.50	5.50	6	TRIPS	Trip out to 8400' Pump 150 bbls 13.2 ppg Kill Mud Spotted F/8400' T/ 6200', Pump 50 bbls 14 ppg Dry Job, Check for Flow, Trip out of Hole
11:30	12:30	1.00	6.50	9	CUT OFF DRILL LINE	Slip and Cut Drlg Line 70 ft
12:30	15:30	3.00	9.50	6	TRIPS	Trip out
15:30	18:00	2.50	12.00	20	DIRECTIONAL WORK	Directional Work Down Link MWD, L/D Directional Tools and Bit
18:00	21:00	3.00	15.00	21	OPEN	Hold Safety Meeting with Franks CTR Hands, Rig Up To Run 7" Intermediate Casing, Remove Rotating Head and Install Flow Nipple,
21:00	06:00	9.00	24.00	12	RUN CASING & CEMENT	RIH with 7" 26 # P-110 BTC Intermediate Casing Fill @ 800' 2000' 3000' 4000'

Mud Checks

9,556.0ftKB, 2/2/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	9,556.0	10.30	56	20.0	16.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
13.000	22.000				0.3	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		27,000.000	18,400.000			25.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
200.0	200.0	20.0	204.0	1047.4

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
9,556.0	9,556.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BA.STOP Pit	30.54	50.0
BARABLOK	69.49	3.0
BARACARB 50	12.54	42.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
Casing Seal	180.00	2.0
DOT VEHICLE CHARGE	1.00	320.0
EZ MUL	873.26	1.0
GELTONE V	72.14	15.0
Lime	6.38	18.0
OMC 42	362.25	1.0
TAX	1.00	550.17
Trucking	760.00	2.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/3/2015
Report #: 36.0, DFS: 32.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	48.0	Good	Good

Operation At 6am	Operation Next 24hrs
Nipple Up BOP and Test, 500 bbls mud loss	Test BOP, P/U Bit Push Pipe HWDP Jars DP, Dril Cement, Trip out

24 Hr Summary

RIH with 220 Joints of 7" 26 # P-110 BTC Intermediate Casing, Work Casing F/ 9100 T/ 9508 Shoe set @ 9508 Halliburton Cement 7" Intermediate Casing, with 310 sks lead cement mix @ 11 ppg, 540 sks tail cement mix @ 13.1 ppg, Displace with 361 bbls of 9.9 ppg OBM, FCP 1400, Gain Partial Return 60 bbls into mixing Lead cement, Lost Partial Return 260 bbls into displacement, Set 7" Casing Cut off casing,Test BOP, Change Linners from 6.5 to 5.5 in #1 Mud Pump, Unload 4" HWDP and 4'Dril Pipe

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	13:30	7.50	7.50	12	RUN CASING & CEMENT	RIH with 220 Joints of 7" 26 # P-110 BTC Intermediate Casing, Work Casing F/ 9100 T/ 9508 Shoe set @ 9508
13:30	23:00	9.50	17.00	12	RUN CASING & CEMENT	Held Safety Meeting with Halliburton, Rig Up to Cement 7" Intermediate Casing, Test Pump and Lines to 5000 psi, Pump 40 bblsTuned Spacer, 310 sks 153 bbls lead cement mix @ 11 ppg, 540 sks 160 bbls tail cement mix @ 13.1 ppg, Wash pump and line Drop Plug, Displace with 361 bbls of 9.9 ppg OBM, FCP 1400 PSI Bump Plug @ 2/3/15 9 pm, 2500 PSI held on Casing for 15 minutes, Float Held OK, Gain Partial Return 60 bbls into mixing Lead cement, Lost Partial Return 260 bbls into displacement
23:00	06:00	7.00	24.00	14	NIPPLE UP B.O.P	Nipple Down BOP, Set 7" Casing Slip, Set Slip with 200,000 tension, Cut off casing, Nipple Up BOP, Test BOP, Change Linners from 6.5 to 5.5 in #1 Mud Pump, Unload 4" HWDP and 4'Dril Pipe

Mud Checks

9,556.0ftKB, 2/3/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	9,556.0	10.30	56	20.0	16.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
13.000	22.000				0.3	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		27,000.000	18,400.000			25.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
200.0	200.0	20.0	204.0	1047.4

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number
1716313US

Start Depth (ftKB)	End Depth (ftKB)
9,556.0	9,556.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	2.0
DOT VEHICLE CHARGE	1.00	480.0
EZ MUL	873.26	1.0
TAX	1.00	324.55
Trucking	760.00	3.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/4/2015
Report #: 37.0, DFS: 33.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type:

Weather	Temperature (°F)	Road Condition	Hole Condition
CLEAR	57.0	Good	Good

Operation At 6am	Operation Next 24hrs
TRIPPING IN WITH DIR TOOLS	TRIP IN WITH TOOLS, DRILL OUT CEMENT, FLOAT, SHOE AND DRLG/RSS 6 1/8 PROD HOLE

24 Hr Summary

NIPPLE UP BOP TEST PIPE RAMS @ 5000 PSI, INSTALL ROTATING HEAD, KACH KAN, LINERS IN PUMPS AND OFF LOAD 427 JTS OF 4" XT39 DP, 50 JTS OF 4" XT39 HWDP PICK UP TOOLS (BIT 6 1/8 MSI613, PDX 5/6 475, XO SUB, IPZIG 475-LXM, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILAZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB)TRIP IN WITH DIR TOOLS (STRAP PIPE GOING IN) MUD LOSS 898 BBLS

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	08:00	2.00	2.00	14	NIPPLE UP B.O.P	NIPPLE UP BOP
08:00	09:00	1.00	3.00	15	TEST B.O.P	TEST PIPE RAMS @ 5000 PSI
09:00	18:30	9.50	12.50	22	OPEN	INSTALL ROTATING HEAD, KACH KAN, LINERS IN PUMPS AND OFF LOAD 427 JTS OF 4" XT39, 50 JTS OF 4" XT39 HWDP
18:30	23:30	5.00	17.50	20	DIRECTIONAL WORK	PICK UP TOOLS (BIT 6 1/8 MSI613, PDX 5/6 475, XO SUB, IPZIG 475-LXM, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB) PROG TOOLS
23:30	05:30	6.00	23.50	6	TRIPS	TRIP IN WITH DIR TOOLS (STRAP PIPE GOING IN)

Mud Checks

9,556.0ftKB, 2/4/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	9,556.0	10.20	61	15.0	4.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
3.000	7.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		22.000	14.000			9.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	898.0	20.0	227.0	267.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
9,556.0	9,556.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
DOT VEHICLE CHARGE	1.00	960.0
TAX	1.00	451.0
Trucking	760.00	6.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/5/2015
Report #: 38.0, DFS: 34.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLEAR	55.0	Good	Good

Operation At 6am	Operation Next 24hrs
DRILLING OUT	DRILL OUT CEMENT, FLOAT, SHOE AND DRLG/RSS 6 1/8 PROD HOLE

24 Hr Summary

TRIP IN WITH DIR TOOLS, RIG SERVICE, CONTINUE TO TRIP IN WITH DIR TOOLS, TRIP OUT HWDP DUE TO RUST SCALE IN PIPE, CLEAN INSIDE 50 JTS OF 4" XT39 HWDP, CONTINUE TO TRIP IN TAG CEMENT@ 9258', DRILL OUT CEMENT, FLOAT COLLAR AND SHOE

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	08:30	2.50	2.50	6	TRIPS	TRIP IN WITH DIR TOOS
08:30	09:00	0.50	3.00	7	LUBRICATE RIG	RIG SERVICE
09:00	11:30	2.50	5.50	6	TRIPS	CONTINUE TRIP IN WITH DIR TOOLS
11:30	13:00	1.50	7.00	6	TRIPS	TRIP OUT HWDP DUE TO RUST SCALE IN PIPE
13:00	16:30	3.50	10.50	6	TRIPS	CLEAN INSIDE 50 JTS OF 4" XT39 HWDP
16:30	01:00	8.50	19.00	6	TRIPS	CONTINUE TO TRIP IN TAG CEMENT@ 9258'
01:00	06:00	5.00	24.00	22	OPEN	DRILL OUT CEMENT, FLOAT COLLAR AND SHOE

Mud Checks

9,556.0ftKB, 2/5/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	9,556.0	10.20	61	15.0	4.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
3.000	7.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		22.000	14.000			9.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	0.0	227.0	268.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
9,556.0	9,556.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
Casing Seal	180.00	4.0
TAX	1.00	720.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/6/2015
Report #: 39.0, DFS: 35.00
Depth Progress: 281.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLEAR	57.0	Good	Good

Operation At 6am	Operation Next 24hrs
TRIPPING OUT FOR TOOLS	TRIP OUT FOR TOOLS, TRIP IN WITH TOOLS

24 Hr Summary

DRILL SHOE OUT @ 9508' AND WASH AND REAM OPEN HOLE T/9556', PROGRAM DIR TOOLS, DRLG/RSS 6 1/8 LATERAL HOLE F/9556' T/9837' (281' FPH 35.1) STALLED MUD MOT0R PRESSURED UP TO 5013, BLEW OUT BLOW PLUG ON MUD LINE, TRIP INTO INTERMEDIATE CASING, PULLED 65K OVER AND WELD ON MUD LINE, TRIP IN A 100' AND KICK IN PUMP, PRESSURED UP, TRIP BACK INTO INTER CASING, WASH AND REAM T/9638', NO CHANGE CIRCULATE, PUMP DRY JOB, TRIP OUT FOR TOOLS

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	07:30	1.50	1.50	3	REAMING	DRILL SHOE OUT @ 9508' AND WASH AND REAM OPEN HOLE T/9556'
07:30	08:00	0.50	2.00	20	DIRECTIONAL WORK	PROGRAM DIR TOOLS
08:00	16:00	8.00	10.00	2	DRILL ACTUAL	DRLG/RSS 6 1/8 LATERAL HOLE F/9556' T/9837' (281' FPH 35.1)
16:00	21:00	5.00	15.00	22	OPEN	STALLED MUD MOT0R PRESSURED UP TO 5013, BLEW OUT BLOW PLUG ON MUD LINE, TRIP INTO INTERMEDIATE CASING, PULLED 65K OVER AND WELD ON MUD LINE
21:00	22:00	1.00	16.00	6	TRIPS	TRIP IN A 100' AND KICK IN PUMP, PRESSURED UP, TRIP BACK INTO INTER CASING
22:00	05:00	7.00	23.00	3	REAMING	WASH AND REAM T/9638'
05:00	06:00	1.00	24.00	5	COND MUD & CIRC	NO CHANGE WHEN IN OPEN HOLE WITH HIGH PRESSURES, CIRCULATE, PUMP DRY JOB, TRIP OUT FOR TOOLS

Mud Checks

9,580.0ftKB, 2/6/2015 09:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	09:00	9,580.0	10.20	51	14.0	5.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
2.000	6.000	3.9			0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		23,000.000	14,800.000			10.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
60.0	30.0	14.0	1110.0	425.0

Drill Strings

BHA #12, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
9	6 1/8in, MSI613, JH1236	1.00	0-0----0--BHA	0.84	35.1

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
13/13/13/14/14/14	309.62	6.500

String Components

Smith MSI613 PART #65504A0201 S/N JH1236 MSI613, PDX, XO Sub - Non Mag, IPZIG/LXM, Mud Motor, Float Sub, Reamer, ABS,AWR, APZIG/PZIG, Stabilizer - Non Mag, Drill Collar, Reamer, FILTER SUB, XO Sub - Non Mag, HWDP

Comment

(BIT 6 1/8 MSI613 PART # 65504A0201 S/N JH1236, PDX 5/6 475, XO SUB, IPZIG 475-LXM, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB)

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	9,556.0	9,837.0	281.00	8.00	35.1	268	11	48	4,023.0	144	155	7,065.0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
9,556.0	9,837.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	15.0
GELTONE V	72.14	12.0
Lime	6.38	8.0
Sawdust	5.28	14.0
TAX	1.00	1,217.93

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/7/2015
Report #: 40.0, DFS: 36.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLEAR	67.0	Good	Good

Operation At 6am	Operation Next 24hrs
TRIP IN WITH DIR TOOLS	TRIP IN WITH DIR TOOLS, AND DRLG/RSS 6 1/8 LATERAL HOLE

24 Hr Summary
TRIP INTO 7" CASING, PUMP DRY JOB, TRIP OUT FOR TOOLS (BAD SEAL ON MUD MOTOR 1/2 INCH PLAY) LAY DOWN DIR TOOLS AND DOWN LOAD, PICK UP DIR TOOLS AND PROGRAM, TRIP IN WITH DIR TOOLS

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	06:30	0.50	0.50	6	TRIPS	TRIP INTO 7" CASING
06:30	07:00	0.50	1.00	5	COND MUD & CIRC	PUMP DRY JOB
07:00	20:30	13.50	14.50	6	TRIPS	TRIP OUT FOR TOOLS (BAD SEAL ON MUD MOTOR 1/2 INCH PLAY)
20:30	00:00	3.50	18.00	20	DIRECTIONAL WORK	LAY DOWN DIR TOOLS AND DOWN LOAD
00:00	04:00	4.00	22.00	20	DIRECTIONAL WORK	PICK UP DIR TOOLS AND PROGRAM
04:00	06:00	2.00	24.00	6	TRIPS	TRIP IN WITH DIR TOOLS

Mud Checks

9,837.0ftKB, 2/7/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	9,837.0	10.60	58	30.0	12.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
3.000	6.000	0.0	0		0.2	6.0

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		23,000.000				8.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
245.0	0.0	37.0	300.0	456.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
9,837.0	9,837.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARABLOK	69.49	3.0
Barite Bulk	194.48	12.4
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	75.0
DOT VEHICLE CHARGE	1.00	480.0
GELTONE V	72.14	120.0
Lime	6.38	14.0
OMC 42	362.25	1.0
PALLETS	15.00	4.0
RHEMOD L	1,580.18	2.0
Sawdust	5.28	44.0
Shrink Wrap	15.00	4.0
TAX	1.00	22.47
Trucking	760.00	2.9

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/8/2015
Report #: 41.0, DFS: 37.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLEAR	61.0	Good	Good

Operation At 6am	Operation Next 24hrs
TRIPPING OUT FOR BHA	TRIP OUT AND CHANGE BHA, TRIP IN AND WASH AND REAM TO BOTTOM

24 Hr Summary

TRIP IN WITH DIR TOOLS, CIRCULATE DUE TO HIGH PRESSURES, WASH AND REAM F/9508' T/9596', STALL MUD MOTOR, PICK UP, LOSS FOOTAGE, TRIP BACK INTO CASING, PUMP DRY JOB, TRIP OUT TO CHANGE BHA

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	14:30	8.50	8.50	6	TRIPS	TRIP IN WITH DIR TOOLS
14:30	16:30	2.00	10.50	5	COND MUD & CIRC	CIRCULATE DUE TO HIGH PRESSURES
16:30	20:30	4.00	14.50	3	REAMING	WASH AND REAM F/9508' T/9596', STALL MUD MOTOR, PICK UP, LOSS FOOTAGE
20:30	21:00	0.50	15.00	6	TRIPS	TRIP BACK INTO CASING
21:00	22:00	1.00	16.00	5	COND MUD & CIRC	PUMP DRY JOB
22:00	06:00	8.00	24.00	6	TRIPS	TRIP OUT TO CHANGE BHA

Mud Checks

9,837.0ftKB, 2/8/2015 08:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	08:00	9,837.0	10.70	64	30.0	14.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
4.000	11.000	0.0	0		0.2	6.0

MBT (lb/bbl)	Alkalinity (mL/L)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		29.500	16.000			12.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	6.0	300.0	450.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
9,837.0	9,837.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
Sawdust	5.28	22.0
TAX	1.00	200.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/9/2015
Report #: 42.0, DFS: 38.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
SUNNY	61.0	Good	Good

Operation At 6am	Operation Next 24hrs
CHANGE OUT TRANSMISSION ON RIG MOTOR	CHANGE OUT TRANSMISSION ON RIG, CLEAN OUT OPEN HOLE, TRIP OUT FOR DIR TOOLS

24 Hr Summary

TRIP OUT FOR DIFFERENT BHA, LAY DOWN DIR TOOLS AND DOWN LOAD, TRIP IN WITH PDC , FLOAT SUB AND 6 HWDP, SLIP AND CUT 70', CONTINUE TO TRIP IN, CHANGE OUT TRANSMISSION ON RIG MOTOR

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	09:00	3.00	3.00	6	TRIPS	TRIP OUT FOR DIFFERENT BHA
09:00	11:30	2.50	5.50	20	DIRECTIONAL WORK	LAY DOWN DIR TOOLS AND DOWN LOAD
11:30	14:00	2.50	8.00	6	TRIPS	PICK UP BIT AND FLOAT SUB, TRIP IN BHA AND TEST FLOAT
14:00	14:30	0.50	8.50	7	LUBRICATE RIG	RIG SERVICE
14:30	16:30	2.00	10.50	6	TRIPS	TRIP IN WITH PDC , FLOAT SUB AND 6 HWDP
16:30	17:30	1.00	11.50	9	CUT OFF DRILL LINE	SLIP AND CUT 70'
17:30	04:00	10.50	22.00	6	TRIPS	CONTINUE TO TRIP IN
04:00	06:00	2.00	24.00	8	REPAIR RIG	CHANGE OUT TRANSMISSION ON RIG MOTOR

Mud Checks

9,837.0ftKB, 2/9/2015 08:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	08:00	9,837.0	11.00	64	32.0	12.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
4.000	11.000	0.0	0		0.2	6.0

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		31,000.000	17,200.000			22.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	10.0	300.0	355.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
9,837.0	9,837.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Barite Bulk	194.48	4.2
BAROID Barite 100 lbs	11.70	40.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	22.0
Lime	6.38	5.0
TAX	1.00	154.7
Walnut Shells	15.90	24.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/10/2015
Report #: 43.0, DFS: 39.00
Depth Progress:

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
SUNNY	54.0	Good	Good

Operation At 6am	Operation Next 24hrs
CIRCULATING	TRIP OUT FOR DIR TOOLS

24 Hr Summary
CHANGE OUT TRANSMISSION ON RIG MOTOR, WASH AND REAM F/9508' T/9837', CLEAN HOLE, PUMP LCM SWEEPS, SHORT TRIP INTO 7" CASING AND BACK TO BOTTOM, PUMP SWEEP, CIRCULATE AND CONDITION HOLE

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	09:00	3.00	3.00	8	REPAIR RIG	CHANGE OUT TRANSMISSION ON RIG MOTOR
09:00	01:00	16.00	19.00	3	REAMING	WASH AND REAM F/9508' T/9837'
01:00	03:30	2.50	21.50	5	COND MUD & CIRC	CLEAN HOLE, PUMP LCM SWEEPS
03:30	05:00	1.50	23.00	6	TRIPS	SHORT TRIP INTO 7" CASING AND BACK TO BOTTOM
05:00	06:00	1.00	24.00	5	COND MUD & CIRC	PUMP SWEEP, CIRCULATE AND CONDITION HOLE

Mud Checks

9,837.0ftKB, 2/10/2015 09:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	09:00	9,837.0	11.70	62	31.0	12.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
7.000	22.000	0.0	0		0.2	6.0

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		33.000	19.200			39.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	22.0	300.0	420.0

Drill Strings

BHA #13, CLEAN OUT

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
11	6 1/8in, MSI613, JH1236	1.00	1-1-CT-A-2-1-CT-BHA		

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
	187.27	4.000

String Components
Smith MSI613 PART #65504A0201 S/N JH1236 MSI613, Float Sub, HWDP

Comment
(BIT 6 1/8 MSI613 PART # 65504A0201 S/N JH1236, FLOAT SUB AND 6 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole												

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
9,837.0	9,837.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Barite Bulk	194.48	11.2
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	22.0
Sawdust	5.28	51.0
TAX	1.00	246.82

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/11/2015
Report #: 44.0, DFS: 40.00
Depth Progress:

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
SUNNY	53.0	Good	Good

Operation At 6am	Operation Next 24hrs
PICK UP DIR TOOLS	TRIP IN WITH DIR TOOLS AND DRLG/RSS 6 1/8 LINER HOLE

24 Hr Summary

PUMP SWEEP, CIRCULATE AND CONDITION HOLE, TRIP INTO 7" CASING, WASH AND REAM TO BOTTOM, MAKE SURE HOLE IS STABLE, PUMP SWEEP, CIRCULATE AND CONDITION HOLE, TRIP OUT FOR DIR TOOLS, CHANGE OUT ROLLER IN TOP DRIVE, CONTINUE TO TRIP OUT FOR DIR TOOLS, LAY DOWN BHA, PICK UP TOOLS (BIT 6 1/8 MSI613, PDX 5/6 475, XO SUB, IPZIG 475-LXM, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB) PROG TOOLS

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	06:30	0.50	0.50	5	COND MUD & CIRC	PUMP SWEEP, CIRCULATE AND CONDITION HOLE
06:30	08:00	1.50	2.00	6	TRIPS	TRIP INTO 7" CASING
08:00	10:00	2.00	4.00	3	REAMING	WASH AND REAM TO BOTTOM, MAKE SURE HOLE IS STABLE
10:00	11:00	1.00	5.00	5	COND MUD & CIRC	PUMP SWEEP, CIRCULATE AND CONDITION HOLE
11:00	13:00	2.00	7.00	6	TRIPS	TRIP OUT FOR DIR TOOLS
13:00	13:30	0.50	7.50	8	REPAIR RIG	CHANGE OUT ROLLER IN TOP DRIVE
13:30	04:00	14.50	22.00	6	TRIPS	CONTINUE TO TRIP OUT FOR DIR TOOLS
04:00	04:30	0.50	22.50	6	TRIPS	LAY DOWN BHA
04:30	06:00	1.50	24.00	20	DIRECTIONAL WORK	PICK UP TOOLS (BIT 6 1/8 MSI613, PDX 5/6 475, XO SUB, IPZIG 475-LXM, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB) PROG TOOLS

Mud Checks

9,837.0ftKB, 2/11/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	9,837.0	12.40	56	28.0	12.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
6.000	19.000	0.0	0		0.2	6.0

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		33,000.000	18,000.000			26.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	11.4	300.0	431.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
9,837.0	9,837.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Barite Bulk	194.48	16.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
DOT VEHICLE CHARGE	1.00	320.0
INVERMUL	160.00	600.0
LIQ MUD OIL PPG	103.00	1,003.0
PALLETS	15.00	20.0
Sawdust	5.28	45.0
Shrink Wrap	15.00	20.0
TAX	1.00	246.82
Trucking	760.00	2.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/12/2015
Report #: 45.0, DFS: 41.00
Depth Progress:

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
SUNNY	55.0	Good	Good

Operation At 6am	Operation Next 24hrs
WASH AND REAMING TO BOTTOM	DRLG/RSS 6 1/8 PROD HOLE

24 Hr Summary

RIG SERVICE, CONTINUE TO PICK UP TOOLS (BIT 6 1/8 MSI613, PDX 5/6 475, XO SUB, IPZIG 475-LXM, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB) PROG TOOLS, TRIP IN AND FILL PIPE EVERY 2000', WASH AND REAM TO BOTTOM, DOWN LINK TO PDX TOOL (PUMP PSI @ 75 STKA 3308)

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	06:30	0.50	0.50	7	LUBRICATE RIG	RIG SERVICE
06:30	10:00	3.50	4.00	20	DIRECTIONAL WORK	CONTINUE TO PICK UP TOOLS (BIT 6 1/8 MSI613, PDX 5/6 475, XO SUB, IPZIG 475-LXM, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB) PROG TOOLS
10:00	00:00	14.00	18.00	6	TRIPS	TRIP IN AND FILL PIPE EVERY 2000'
00:00	04:30	4.50	22.50	3	REAMING	WASH AND REAM TO BOTTOM
04:30	06:00	1.50	24.00	20	DIRECTIONAL WORK	DOWN LINK TO PDX TOOL

Mud Checks

9,837.0ftKB, 2/12/2015 09:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	09:00	9,837.0	12.50	64	32.0	15.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
12.000	28.000	0.0	0		0.2	6.0

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		32,000.000	19.200			44.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	0.0	300.0	431.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
9,837.0	9,837.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
Casing Seal	180.00	2.0
Sawdust	5.28	6.0
SAWDUST SHAVVINGS BULK	180.00	1.0
TAX	1.00	37.8

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/13/2015
Report #: 46.0, DFS: 42.00
Depth Progress: 386.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
SUNNY	57.0	Good	Good

Operation At 6am	Operation Next 24hrs
DRLG/RSS 6 1/8 PROD HOLE @ 10223'	DRLG/RSS 6 1/8 PROD HOLE

24 Hr Summary

WASH AND REAM 110 ' TO BOTTOM, DRLG/RSS 6 1/8 PROD HOLE F/9837' T/10223' (386' FPH 17.1) SURVEY @ 10022' INC 89.25 AMZ 357.23, B/G GAS 210U, CONNECTION 1758U AND PEAK @ 10042' 1135U, 70% CLYST, 20% LS AND 10% SH, MUD LOSS TO SURFACE 6 BBLS

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	07:00	1.00	1.00	3	REAMING	WASH AND REAM 110' TO BOTTOM
07:00	17:30	10.50	11.50	2	DRILL ACTUAL	DRLG/RSS 6 1/8 PROD HOLE F/9837' T/10040' (203' FPH 19.3)
17:30	18:00	0.50	12.00	7	LUBRICATE RIG	RIG SERVICE
18:00	06:00	12.00	24.00	2	DRILL ACTUAL	DRLG/RSS 6 1/8 PROD HOLE F/10040' T/10223' (183' FPH 15.25)

Mud Checks

9,910.0ftKB, 2/13/2015 09:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	09:00	9,910.0	12.50	68	30.0	16.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
11.000	26.000	0.0	0		0.2	2.0

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		34,000.000	18.800			48.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	4.6	300.0	424.0

Drill Strings

BHA #14, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
12	6 1/8in, MSI613, JH1807	1.00	3-3-CT-S-3-3-CT-DTF	0.62	19.2

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
10/10/10/13/13/13	309.62	6.500

String Components

Smith MSI613 PART #65504A0201 S/N JH1807 MSI613, PDX, XO Sub - Non Mag, IPZIG/LXM, Mud Motor, Float Sub, Reamer, ABS,AWR, APZIG/PZIG, Stabilizer - Non Mag, Drill Collar, Reamer, FILTER SUB, XO Sub - Non Mag, HWDP

Comment

(BIT 6 1/8 MSI613 PART # 65504A0201 S/N JH1236, PDX 5/6 475, XO SUB, IPZIG 475-LXM, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB)

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	9,837.0	10,223.0	386.00	22.50	17.2	234	16	40	3,843.0	119	135	5,581.0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
9,837.0	10,223.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARABLOK	69.49	10.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
DOT VEHICLE CHARGE	1.00	320.0
PALLETS	15.00	4.0
Shrink Wrap	15.00	4.0
TAX	1.00	48.65
Trucking	760.00	2.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/14/2015
Report #: 47.0, DFS: 43.00
Depth Progress: 142.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLOUDY	57.0	Good	Good

Operation At 6am	Operation Next 24hrs
PICKING UP DIR TOOLS	TRIP IN WITH NEW BHA

24 Hr Summary

DRLG/RSS 6 1/8 PROD HOLE F/10223' T/10318' (95' FPH 38) DOWN LINK DIR TOOLS, RIG SERVICE, DRLG/RSS 6 1/8 PROD HOLE F/10318' T/10365' (47' FPH 18.8) CIRCULATE, PUMP 40 BBL 2 LBS OVER DRY JOB, TRIP OUT FOR DIR TOOLS (COULD NOT HOLD BUILD)PULL ROTATING RUBBER AND LAY DOWN BHA, LAY DOWN DIR TOOLS, MUD LOSS TO SURFACE 26.1 BBLS SURVEY @ 10243, INC 85.74 AZM 356.92, B/G GAS 400U, CONNECTION 1664U AND PEAK @ 10214' 1212U, 90% CLYST AND 10% SS

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	08:30	2.50	2.50	2	DRILL ACTUAL	DRLG/RSS 6 1/8 PROD HOLE F/10223' T/10318' (95' FPH 38)
08:30	09:00	0.50	3.00	20	DIRECTIONAL WORK	DOWN LINK DIR TOOLS
09:00	09:30	0.50	3.50	7	LUBRICATE RIG	RIG SERVICE
09:30	12:00	2.50	6.00	2	DRILL ACTUAL	DRLG/RSS 6 1/8 PROD HOLE F/10318' T/10365' (47' FPH 18.8)
12:00	13:00	1.00	7.00	5	COND MUD & CIRC	CIRCULATE, PUMP 40 BBL 2 LBS OVER DRY JOB
13:00	02:00	13.00	20.00	6	TRIPS	TRIP OUT FOR DIR TOOLS (COULD NOT HOLD BUILD)
02:00	04:30	2.50	22.50	6	TRIPS	PULL ROTATING RUBBER AND LAY DOWN BHA
04:30	06:00	1.50	24.00	20	DIRECTIONAL WORK	LAY DOWN DIR TOOLS

Mud Checks

10,320.0ftKB, 2/14/2015 09:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	09:00	10,320.0	12.40	61	28.0	25.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
12.000	28.000	0.0	0		0.2	2.0

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		31,000.000	17.200			44.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	26.1	300.0	386.0

Drill Strings

BHA #14, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
12	6 1/8in, MSI613, JH1807	1.00	3-3-CT-S-3-3-CT-DTF	0.62	19.2

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
10/10/10/13/13/13	309.62	6.500

String Components

Smith MSI613 PART #65504A0201 S/N JH1807 MSI613, PDX, XO Sub - Non Mag, IPZIG/LXM, Mud Motor, Float Sub, Reamer, ABS,AWR, APZIG/PZIG, Stabilizer - Non Mag, Drill Collar, Reamer, FILTER SUB, XO Sub - Non Mag, HWDP

Comment

(BIT 6 1/8 MSI613 PART # 65504A0201 S/N JH1236, PDX 5/6 475, XO SUB, IPZIG 475-LXM, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB)

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	10,223.0	10,365.0	528.00	27.50	28.4	234	16	40	3,895.0	121	137	5,581.0

AFE Number
1716313US

Start Depth (ftKB)	End Depth (ftKB)
10,223.0	10,365.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARABLOK	69.49	5.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
DOT VEHICLE CHARGE	1.00	320.0
Lime	6.38	10.0
PALLETS	15.00	4.0
Shrink Wrap	15.00	4.0
TAX	1.00	48.65
Trucking	760.00	2.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/15/2015
Report #: 48.0, DFS: 44.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
SUNNY	57.0	Good	Good

Operation At 6am	Operation Next 24hrs
TRIPPING IN WITH DIR TOOLS	TRIP IN AND DRLG/RSS 6 1/8 PROD HOLE

24 Hr Summary

PJSM, LAY DOWN DIR TOOLS AND BIT, PICK UP DIR TOOLS (BIT 6 1/8 MM64D, PDX 5/6 475, XO SUB, MOTOR 7/8 4.5 46 RPG, ROLLER REAMER, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB) TRIP IN AND TEST MWD TOOLS,

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	07:00	1.00	1.00	20	DIRECTIONAL WORK	PJSM, LAY DOWN DIR TOOLS AND BIT
07:00	10:00	3.00	4.00	20	DIRECTIONAL WORK	PICK UP DIR TOOLS (BIT 6 1/8 MM64D, PDX 5/6 475, XO SUB, MOTOR 7/8 4.5 46 RPG, ROLLER REAMER, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB)
10:00	12:00	2.00	6.00	20	DIRECTIONAL WORK	LAY DOWN DIR TOOLS AND CHANGE BIT
12:00	15:00	3.00	9.00	20	DIRECTIONAL WORK	CONTINUE TO PICK UP DIR TOOLS AND PROGRAM
15:00	17:30	2.50	11.50	6	TRIPS	TRIP IN
17:30	18:00	0.50	12.00	20	DIRECTIONAL WORK	TEST MWD TOOLS
18:00	04:00	10.00	22.00	6	TRIPS	TRIP IN WITH DIR TOOLS
04:00	05:00	1.00	23.00	6	TRIPS	CHANGE OUT SWIVEL PACKING
05:00	06:00	1.00	24.00	6	TRIPS	CONTINUE TO TRIP IN

Mud Checks

10,365.0ftKB, 2/15/2015 08:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	08:00	10,365.0	12.40	72	30.0	17.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
12.000	33.000	0.0	0		0.2	2.0

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		31,000.000	18.800			48.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	0.0	300.0	386.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
10,365.0	10,365.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
Lime	6.38	4.0
TAX	1.00	1.82

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/16/2015
Report #: 49.0, DFS: 45.00
Depth Progress: 358.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
CLOUDY	43.0	Good	Good

Operation At 6am	Operation Next 24hrs
DRLG/RSS 6 1/8 PROD HOLE @ 10723'	DRLG/RSS 6 1/8 PROD HOLE

24 Hr Summary

TRIP IN, DOWN LINK TOOLS, WASH AND REAM F/10340' T/10365' DRLG/RSS 6 1/8 PROD HOLE F/10365' T/10723' (358' FPH 25.5) B/G GAS 200U, CONNECTION 1289U AND PEAK @ 10384' 1321U, 50% SH, 40% CLYST AND 10% SS, MUD LOSS TO SURFACE 10.7 BBLS, SURVEY @ 10261' INC 85.74 AZM 0.7

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	07:00	1.00	1.00	6	TRIPS	TRIP IN T/9690'
07:00	08:30	1.50	2.50	20	DIRECTIONAL WORK	DOWN LINK TOOLS
08:30	09:30	1.00	3.50	6	TRIPS	TRIP IN T/10340'
09:30	10:00	0.50	4.00	3	REAMING	WASH AND REAM F/10340' T/10365'
10:00	13:00	3.00	7.00	2	DRILL ACTUAL	DRILL/RSS 6 1/8 PROD HOLE F/10365' T/10438' (73' FPH 24.3)
13:00	13:30	0.50	7.50	20	DIRECTIONAL WORK	DOWN LINK TOOLS
13:30	15:30	2.00	9.50	2	DRILL ACTUAL	DRILL/RSS 6 1/8 PROD HOLE F/10438' T/10500' (62' FPH 31)
15:30	16:00	0.50	10.00	20	DIRECTIONAL WORK	DOWN LINK PD 18 R 75% STEER RATE (DROPPING INC)
16:00	19:00	3.00	13.00	2	DRILL ACTUAL	DRILL/RSS 6 1/8 PROD HOLE F/10500' T/10564' (64' FPH 21.3)
19:00	19:30	0.50	13.50	20	DIRECTIONAL WORK	DOWN LINK PD 18 R 100% STEER RATE
19:30	22:00	2.50	16.00	2	DRILL ACTUAL	DRILL/RSS 6 1/8 PROD HOLE F/10564' T/10639' (75' FPH 30)
22:00	00:00	2.00	18.00	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP FOR SAMPLE
00:00	00:30	0.50	18.50	20	DIRECTIONAL WORK	DOWN LINK PD AUTO STEER
00:30	01:30	1.00	19.50	2	DRILL ACTUAL	DRILL/RSS 6 1/8 PROD HOLE F/10639' T/10653' (14' FPH 7)
01:30	02:00	0.50	20.00	20	DIRECTIONAL WORK	DOWN LINK PD 18 R 100% STEER RATE
02:00	04:30	2.50	22.50	2	DRILL ACTUAL	DRILL/RSS 6 1/8 PROD HOLE F/10653' T/10723' (70 FPH 28')
04:30	05:30	1.00	23.50	5	COND MUD & CIRC	CIRCULATE CHECK SURVEY DATA
05:30	06:00	0.50	24.00	20	DIRECTIONAL WORK	DOWN LINK PD AUTO STEER

Mud Checks

10,365.0ftKB, 2/16/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	10,365.0	12.80	78	34.0	22.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
12.000	31.000	0.0	0		0.2	6.0

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		28,000.000	17.200			50.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	10.7	300.0	377.0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
10,365.0	10,723.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/16/2015
Report #: 49.0, DFS: 45.00
Depth Progress: 358.00

Well Name: KENDALL 14-4-3-1E - WS

Drill Strings

BHA #15, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
13	6 1/8in, MM64D, 12220600	1.00	0-0-NO-None-X-0-NO-DTF	0.56	23.5

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
11/11/11/11/11/11	306.29	6.500

String Components
SECURITY MM64D # 782629 S/N 12220600 MM64D, PDX, XO Sub - Non Mag, Mud Motor, Float Sub, Reamer, ABS,AWR, APZIG/PZIG, Stabilizer - Non Mag, Drill Collar, Reamer, FILTER SUB, XO Sub - Non Mag, HWDP

Comment
(BIT 6 1/8 MM64D PART # 782629 S/N 12220600, PDX 5/6 475, XO SUB, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB)

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	10,365.0	10,723.0	358.00	14.00	25.6	238	19	40	4,152.0	117	120	4,305.0

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/17/2015
Report #: 50.0, DFS: 46.00
Depth Progress: 346.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
SUNNY	46.0	Good	Good

Operation At 6am	Operation Next 24hrs
DRLG/RSS 6 1/8 PROD HOLE @ 11069'	DRLG/RSS 6 1/8 PROD HOLE

24 Hr Summary

DOWN LINK TO P/D TO STEER DOWN TO 84 INC FOR 60' AND THEN UP 100% STEER RATE, TO BRAKE THROUGH INTO TARGET, CHANGE OUT SWIVEL PACKING AND CUSHION SUB, DRLG/RSS 6 1/8 PROD HOLE F/10723' T/11069' (346' FPH 24.7) CON INC READ 88.81, LAY DOWN 3 JTS, DOWN LINK TO P/D TO AUTO STEER,TRIP BACK TO BOTTOM, SURVEY @ 10905' INC 87.67 AZM 359.66, B/G GAS 250U, CONNECTION 907U AND PEAK @ 10730' 593U, 90% CLYST 10% SH, MUD LOSS 28.5 BBLS

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	08:30	2.50	2.50	2	DRILL ACTUAL	DRILL/RSS 6 1/8 PROD HOLE F/10653' T/10723' (70 FPH 28')
08:30	10:00	1.50	4.00	20	DIRECTIONAL WORK	DOWN LINK TO P/D TO STEER DOWN TO 84 INC FOR 60' AND THEN UP 100% STEER RATE, TO BRAKE THROUGH INTO TARGET
10:00	14:00	4.00	8.00	2	DRILL ACTUAL	DRILL/RSS 6 1/8 PROD HOLE F/10765' T/10871' (106' FPH 26.5)
14:00	15:00	1.00	9.00	7	LUBRICATE RIG	RIG SERVICE
15:00	20:00	5.00	14.00	8	REPAIR RIG	CHANGE OUT SWIVEL PACKING AND CUSHION SUB
20:00	00:30	4.50	18.50	2	DRILL ACTUAL	DRILL/RSS 6 1/8 PROD HOLE F/10871' T/10964' (93' FPH 20.6)
00:30	01:00	0.50	19.00	20	DIRECTIONAL WORK	DOWN LINK TO H.I.A.
01:00	01:30	0.50	19.50	2	DRILL ACTUAL	DRILL/RSS 6 1/8 PROD HOLE F/10964' T/10975' (11' FPH 22)
01:30	03:30	2.00	21.50	6	TRIPS	CON INC READ 88.81, LAY DOWN 3 JTS, DOWN LINK TO P/D TO AUTO STEER, TRIP BACK TO BOTTOM
03:30	06:00	2.50	24.00	2	DRILL ACTUAL	DRILL/RSS 6 1/8 PROD HOLE F/10975' T/11069' (94' FPH 37.6)

Mud Checks

10,770.0ftKB, 2/17/2015 09:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	09:00	10,770.0	12.50	68	27.0	20.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
12.000	34.000	0.0	0		0.2	6.0

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		30.000	19.600			51.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	7.0	21.0	300.0	377.0

Drill Strings

BHA #15, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
13	6 1/8in, MM64D, 12220600	1.00	0-0-NO-None-X-0-NO-DTF	0.56	23.5

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
11/11/11/11/11/11	306.29	6.500

String Components

SECURITY MM64D # 782629 S/N 12220600 MM64D, PDX, XO Sub - Non Mag, Mud Motor, Float Sub, Reamer, ABS,AWR, APZIG/PZIG, Stabilizer - Non Mag, Drill Collar, Reamer, FILTER SUB, XO Sub - Non Mag, HWDP

Comment

(BIT 6 1/8 MM64D PART # 782629 S/N 12220600, PDX 5/6 475, XO SUB, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB)

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	10,723.0	11,069.0	704.00	28.00	24.7	232	19	44	4,101.0	118	124	4,854.0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
10,723.0	11,069.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Shane Loftus	307-258-4659

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
Lime	6.38	4.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/18/2015
Report #: 51.0, DFS: 47.00
Depth Progress: 421.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Sunny	46.0	Good	Good

Operation At 6am	Operation Next 24hrs
Drlg 6 1/8 Prod Hole @ 11490	Drlg 6 1/8 Prod Hole

24 Hr Summary

Drlg 6 1/8 Prod Hole F/ 11069' T/ 11490' 421'@ 21.58 ft per hr,(WOB 12-18 GPM 235-240 RPM 44) Trip out of hole F/ 11054 T/ 10900, Down Link PD, Trip in Hole F/ 10900 T/ 11054' Down Link, Rig Service, Change out Rotating Rubber, Formation Wasatch BBG 390-450 Conn 717-4639 Peak Formatiom 7277 @ 11139' Peak Gas 7757 @11209' CLYST 80% SS 20%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	08:30	2.50	2.50	20	DIRECTIONAL WORK	Trip ou of hole F/ 11054 T/ 10900, Down Link PD Trip in Hole F/ 10900 T/ 11054'
08:30	15:30	7.00	9.50	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 11069' T/ 11207' 138' @ 19.71 ft per hr
15:30	16:00	0.50	10.00	20	DIRECTIONAL WORK	Down Link
16:00	16:30	0.50	10.50	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 11207' T/ 11227' 20 @ 40 ft per hr.
16:30	17:00	0.50	11.00	7	LUBRICATE RIG	Rig Service
17:00	03:00	10.00	21.00	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 11227' T/ 11449' 222' @ 22.2 ft per hr
03:00	04:00	1.00	22.00	21	OPEN	Change out Rortaing Rubber
04:00	06:00	2.00	24.00	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 11449' T/ 11490' 41' @ 20.5 ft per hr

Mud Checks

11,070.0ftKB, 2/18/2015 00:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	00:00	11,070.0	12.50	74	23.0	18.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
10.000	28.000	0.0	0		0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		31,000.000	18,000.000			51.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	15.0	20.1	275.0	719.3

Drill Strings

BHA #15, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
13	6 1/8in, MM64D, 12220600	1.00	0-0-NO-None-X-0-NO-DTF	0.56	23.5

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
11/11/11/11/11/11	306.29	6.500

String Components

SECURITY MM64D # 782629 S/N 12220600 MM64D, PDX, XO Sub - Non Mag, Mud Motor, Float Sub, Reamer, ABS,AWR, APZIG/PZIG, Stabilizer - Non Mag, Drill Collar, Reamer, FILTER SUB, XO Sub - Non Mag, HWDP

Comment

(BIT 6 1/8 MM64D PART # 782629 S/N 12220600, PDX 5/6 475, XO SUB, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB)

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	11,069.0	11,490.0	1,125.0	47.50	21.6	235	16	44	4,080.0	102	126	5,000.0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
11,069.0	11,490.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
OMC 42	362.25	2.0
TAX	1.00	50.75

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/19/2015
Report #: 52.0, DFS: 48.00
Depth Progress: 448.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Sunny	50.0	Good	Good

Operation At 6am	Operation Next 24hrs
Drlg 6 1/8 Prod Hole @ 11938	Drlg 6 1/8 Prod Hole

24 Hr Summary

Drlg 6 1/8 Prod Hole F/ 11490' T/ 11938' 448' @ 22.97 ft per hr (WOB 12-18 GPM 235-240 RPM 44), Rig Service, Repair Swivel Packing, Down Link, Formation Wastach, BBG 900-950 Conn 951-5282, Peak Formation 5027 @ 11838 Lithology CLYST 90% SS 10%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	18:00	12.00	12.00	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 11490' T/ 11765' 275' @ 22.91 ft per hr
18:00	18:30	0.50	12.50	20	DIRECTIONAL WORK	Down Link
18:30	22:00	3.50	16.00	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 11765' T/ 11878' 53' @ 15.14 ft per hr
22:00	22:30	0.50	16.50	7	LUBRICATE RIG	Rig Service
22:30	01:00	2.50	19.00	8	REPAIR RIG	Rig Repair Swivel Packing
01:00	04:00	3.00	22.00	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 11878' T/ 11922' 44' @ 14.66 ft per hr
04:00	04:30	0.50	22.50	20	DIRECTIONAL WORK	Down Link
04:30	05:00	0.50	23.00	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 11922' T/ 11930 8' @16 ft per hr
05:00	05:30	0.50	23.50	20	DIRECTIONAL WORK	Down Link
05:30	06:00	0.50	24.00	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 11930 T/ 11938' 8' @16 ft per hr

Mud Checks

11,624.0ftKB, 2/19/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	11,624.0	12.60	64	24.0	16.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
20.000	44.000	0.0	0		0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		31,500.000	17,800.000			49.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	50.0	242.0	716.4

Drill Strings

BHA #15, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
13	6 1/8in, MM64D, 12220600	1.00	0-0-NO-None-X-0-NO-DTF	0.56	23.5

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
11/11/11/11/11/11	306.29	6.500

String Components

SECURITY MM64D # 782629 S/N 12220600 MM64D, PDX, XO Sub - Non Mag, Mud Motor, Float Sub, Reamer, ABS,AWR, APZIG/PZIG, Stabilizer - Non Mag, Drill Collar, Reamer, FILTER SUB, XO Sub - Non Mag, HWDP

Comment

(BIT 6 1/8 MM64D PART # 782629 S/N 12220600, PDX 5/6 475, XO SUB, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB)

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	11,490.0	11,938.0	1,573.0 0	67.00	23.0	235	16	44	4,100.0	104	150	5,000. 0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
11,490.0	11,938.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Barite Bulk	194.48	12.0
BAROID Barite 100 lbs	11.70	84.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
EZ MUL	873.26	1.0
Lime	6.38	10.0
TAX	1.00	366.7

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/20/2015
Report #: 53.0, DFS: 49.00
Depth Progress: 502.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Sunny	50.0	Good	Good

Operation At 6am	Operation Next 24hrs
Drlg 6 1/8 Prod Hole @ 12440	Drlg 6 1/8 Prod Hole

24 Hr Summary

Drlg 6 1/8 Prod Hole F/ 11938' T/ 12440' 502' @ 22.81 ft per hrs (WOB 12-18 GPM 235-240 RPM 44), Repair Swivel Packing, Rig Service Reboot Pason, Formation Wastach, BBG 350-450 Conn 4060-5321 Peak 5231 @ 12208 Lithology CLYST 90% 10% SS

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	07:00	1.00	1.00	8	REPAIR RIG	Repair Swivel
07:00	13:00	6.00	7.00	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 11938' T/ 12096' 158' @ 26.33 ft per hr
13:00	13:30	0.50	7.50	7	LUBRICATE RIG	Rig Service
13:30	14:00	0.50	8.00	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 12096' T/ 12112' 16' @ 32 ft per hr
14:00	14:30	0.50	8.50	21	OPEN	Reboot Pason
14:30	06:00	15.50	24.00	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 12112' T/ 12440' 328' @ 21.16 ft per hr

Mud Checks

12,070.0ftKB, 2/20/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	12,070.0	12.60	72	24.0	13.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
21.000	46.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		30,000.000	18,000.000			51.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	23.4	240.0	721.2

Drill Strings

BHA #15, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
13	6 1/8in, MM64D, 12220600	1.00	0-0-NO-None-X-0-NO-DTF	0.56	23.5

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
11/11/11/11/11/11	306.29	6.500

String Components

SECURITY MM64D # 782629 S/N 12220600 MM64D, PDX, XO Sub - Non Mag, Mud Motor, Float Sub, Reamer, ABS,AWR, APZIG/PZIG, Stabilizer - Non Mag, Drill Collar, Reamer, FILTER SUB, XO Sub - Non Mag, HWDP

Comment

(BIT 6 1/8 MM64D PART # 782629 S/N 12220600, PDX 5/6 475, XO SUB, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB)

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	11,938.0	12,440.0	2,075.0 0	89.00	22.8	235	16	44	4,100.0	105	155	5,200. 0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
11,938.0	12,440.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARABLOK	69.49	5.0
Barite Bulk	194.48	15.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	8.0
EZ MUL	873.26	1.0
Lime	6.38	12.0
TAX	1.00	377.43

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/21/2015
Report #: 54.0, DFS: 50.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Sunny	45.0	Good	Good

Operation At 6am	Operation Next 24hrs
Trip out of Hole for BHA, BHA will not Build Angle	Trip for BHA, Repair swivel

24 Hr Summary

Drlg 6 1/8 Prod Hole F/ 12440' T/ 12868' 428' @ 24.45 ft per hr (WOB 12-18 GPM 235-245 RPM 44), Rig Service, Down Link, Circ, Trip out of Hole, Formation Wastach, BGG 475-550 Conn 533 - 6550 Peak 1560 @ 12757 Lithology CLYST 80% SS 20%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	10:30	4.50	4.50	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 12440 T/ 12554' 114' @ 25.33 ft per hrs
10:30	11:30	1.00	5.50	20	DIRECTIONAL WORK	Down Link
11:30	15:30	4.00	9.50	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 12554' T/ 12648' 94' @ 23.5 ft per hrs
15:30	16:00	0.50	10.00	7	LUBRICATE RIG	Rig Service
16:00	16:30	0.50	10.50	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 12648' T/ 12670' 22' @ 44 ft per hrs
16:30	17:00	0.50	11.00	20	DIRECTIONAL WORK	Down Link
17:00	20:30	3.50	14.50	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 12670' T/ 12751' 81' @ 23.14 ft per hr
20:30	21:00	0.50	15.00	20	DIRECTIONAL WORK	Down Link
21:00	00:00	3.00	18.00	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 12751' T/ 12813' 62' @ 20.66 ft per hr
00:00	00:30	0.50	18.50	10	DEVIATION SURVEY	Down Link
00:30	02:30	2.00	20.50	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 12813' T/ 12868' 55' @ 27.5 ft per hrs
02:30	03:30	1.00	21.50	5	COND MUD & CIRC	Circ
03:30	06:00	2.50	24.00	6	TRIPS	check for Flow, Trip out of Hole

Mud Checks

12,529.0ftKB, 2/21/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	12,529.0	12.60	67	22.0	14.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
22.000	49.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		31,000.000	16.980			54.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	35.0	201.0	759.0

Drill Strings

BHA #15, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
13	6 1/8in, MM64D, 12220600	1.00	0-0-NO-None-X-0-NO-DTF	0.56	23.5

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
11/11/11/11/11/11	306.29	6.500

String Components

SECURITY MM64D # 782629 S/N 12220600 MM64D, PDX, XO Sub - Non Mag, Mud Motor, Float Sub, Reamer, ABS,AWR, APZIG/PZIG, Stabilizer - Non Mag, Drill Collar, Reamer, FILTER SUB, XO Sub - Non Mag, HWDP

Comment

(BIT 6 1/8 MM64D PART # 782629 S/N 12220600, PDX 5/6 475, XO SUB, PF MOTOR 7/8 3.8 521 RPG, FLOAT SUB, ROLLER REAMER, IPZIG/PZIG 475, AWR 475, ABS, STABILIZER, COLLAR HDSI, ROLLER REAMER, NMDC, FILTER SUB AND XO SUB)

AFE Number
1716313US

Start Depth (ftKB)	End Depth (ftKB)
12,440.0	12,440.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARABLOK	69.49	8.0
BAROID Barite 100 lbs	11.70	80.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	8.0
DOT VEHICLE CHARGE	1.00	160.0
OMC 42	362.25	1.0
TAX	1.00	282.66
Trucking	760.00	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/21/2015
Report #: 54.0, DFS: 50.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	12,440.0	12,868.0	2,503.00	106.50	24.5	235	16	44	4,100.0	105	155	5,200.0

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/22/2015
Report #: 55.0, DFS: 51.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	35.0	Good	Good

Operation At 6am	Operation Next 24hrs
Repair Rig, Swivel	Rebuild Swivel, P/U Derictional Tool, Trip in Hole, Drlg 6 1/8 Prod Hole

24 Hr Summary
Spot 100 bbl 13.4 ppg Kill Mud F/ 9500' T/ 6500', Trip Out of Hole, Down Link and L/D Directional Tools, Rig Repair, Change Head on Iron Roughneck and HYD Line on Boom, Rebuild Swivel,

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	08:30	2.50	2.50	6	TRIPS	Trip Out of Hole to 9524' Check for Flow
08:30	09:00	0.50	3.00	5	COND MUD & CIRC	Spot 100 bbl 13.4 ppg Kill Mud F/ 9500' T/ 6500'
09:00	15:30	6.50	9.50	6	TRIPS	Trip Out Hole to 2933'
15:30	16:30	1.00	10.50	8	REPAIR RIG	Rig Repair, Change Head on Iron Roughneck and HYD Line on Boom
16:30	21:00	4.50	15.00	6	TRIPS	Trip Out of Hole to BHA Check for Flow
21:00	23:00	2.00	17.00	20	DIRECTIONAL WORK	Down Link and L/D Directional Tools
23:00	06:00	7.00	24.00	8	REPAIR RIG	Rig Repair Rebuild Swivel

Mud Checks

12,868.0ftKB, 2/22/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	12,868.0	12.60	83	24.0	15.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
25.000	53.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		28,000.000	17,600.000			60.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	15.0	201.0	770.0

Drill Strings

BHA #16, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
13	6 1/8in, MM64D, 12220600	1.00	0-0-NO-None-X-0-NO-TD	0.56	31.6

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
11/11/11/11/11/11	339.74	5.250

String Components
SECURITY MM64D # 782629 S/N 12220600 MM64D, PDX 5/6 475, XO Sub - Non Mag, Hunting Motor 7/8 4.5 .46 rpg, Nortrack Stabilizer, AWR 475 Tool Assy, ABS, 475 Memory/Battery, Stabilizer HDS1 475, NMDC HDSI 475, Nortrack Stabilizer, NMDC, FILTER SUB, XO Sub - Non Mag, HWDP

Comment
Bit # 13 Security MM64D s/n 12220600 6-16', 1- PDX5/6 475, 1-XO 1-Hunting MM 7/8 4.5 .46 rpg, 1-Nortrack Stabilizer, 1-AWR 475 Tool Assy, 1-ABS 475-Memory/Battery, 1-Stabilizer HDS1 475. 1-Collar HDS1 475, 1-Nortrack Stabilizer, 1-NMDC, 1-Filter Sub, 1-XO, 6-HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	12,868.0	12,868.0										

AFE Number	Start Depth (ftKB)	End Depth (ftKB)
1716313US	12,868.0	12,868.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARABLOK	69.49	3.0
BAROID Barite 100 lbs	11.70	98.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	4.0
DOT VEHICLE CHARGE	1.00	160.0
Driltreat	831.63	1.0
Lime	6.38	12.0
OMC 42	362.25	1.0
PALLETS	15.00	11.0
Shrink Wrap	15.00	11.0
TAX	1.00	340.49
Trucking	760.00	1.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/23/2015
Report #: 56.0, DFS: 52.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Sunny	35.0	Good	Good

Operation At 6am	Operation Next 24hrs
Pick Up Directional Tools	P/U Directional Tools Trip in Hole, Drlg 6 1/8 Prod Hole

24 Hr Summary

Rig Repair, Swivel, Air Boot on Flow Line and Cushion Sub, Test BOP Equipment to 5000 psi for 10 minutes, Test Annular to 2500 psi for 10 minutes, All test held OK, P/U Directional Tools,

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	19:00	13.00	13.00	8	REPAIR RIG	Rig Repair, Swivel
19:00	02:30	7.50	20.50	15	TEST B.O.P	Test BOP Equipment, Pipe Blind Rams, Safety Valves, Choke Line, Choke Line Valves, Choke Manifold, Choke Manifold Valve, Kill line Valves, to 5000 psi for 10 minutes, Test Annular to 2500 psi for 10 minutes
02:30	04:00	1.50	22.00	8	REPAIR RIG	Rig Repair, Air Boot on Flow Line and Cushion Sub
04:00	06:00	2.00	24.00	20	DIRECTIONAL WORK	P/U Directional Tools,

Mud Checks

12,868.0ftKB, 2/23/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	12,868.0	12.60	92	23.0	15.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
23.000	45.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		28,000.000	16,400.000			53.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	31.0	100.0	785.1

Drill Strings

BHA #16, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
13	6 1/8in, MM64D, 12220600	1.00	0-0-NO-None-X-0-NO-TD	0.56	31.6

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
11/11/11/11/11/11	339.74	5.250

String Components

SECURITY MM64D # 782629 S/N 12220600 MM64D, PDX 5/6 475, XO Sub - Non Mag, Hunting Motor 7/8 4.5 .46 rpg, Nortrack Stabilizer, AWR 475 Tool Assy, ABS, 475 Memory/Battery, Stabilizer HDS1 475, NMDC HDSI 475, Nortrack Stabilizer, NMDC, FILTER SUB, XO Sub - Non Mag, HWDP

Comment

Bit # 13 Security MM64D s/n 12220600 6-16', 1- PDX5/6 475, 1-XO 1-Hunting MM 7/8 4.5 .46 rpg, 1-Nortrack Stabilizer, 1-AWR 475 Tool Assy, 1-ABS 475-Memory/Battery, 1-Stabilizer HDS1 475. 1-Collar HDS1 475, 1-Nortrack Stabilizer, 1-NMDC, 1-Filter Sub, 1-XO, 6-HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	12,868.0	12,868.0										

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
12,868.0	12,868.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARABLOK	69.49	6.0
Barite Bulk	194.48	22.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	4.0
Lime	6.38	6.0
TAX	1.00	407.05

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/24/2015
Report #: 57.0, DFS: 53.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Sunny	45.0	Good	Good

Operation At 6am	Operation Next 24hrs
Trip in Hole @ 11000	Trip in Hole, Ream Tight Spot in Lateral, Drlg 6 1/8 Prod Hole

24 Hr Summary
P/U Directional Tools and Test, Trip in Hole, Fill Pipe @ 4000', 8000', 9500', @ 9500' Circ bottom Up and Test Swivel, Ream @ 10521 and 10723, Rig Repair Change out Swivel Packing , Trip Gas 5902

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	08:00	2.00	2.00	20	DIRECTIONAL WORK	P/U Directional Tools and Test
08:00	14:00	6.00	8.00	6	TRIPS	Trip in Hole to 4000' Fill Pipe
14:00	15:00	1.00	9.00	9	CUT OFF DRILL LINE	Slip and Cut 80' of Drlg Line
15:00	20:30	5.50	14.50	6	TRIPS	Trip in Hole 8000' Fill Pipe
20:30	21:30	1.00	15.50	8	REPAIR RIG	Rig Repair Repack swivel
21:30	01:00	3.50	19.00	6	TRIPS	Trip in hole to 9500 Fill Pipe
01:00	02:00	1.00	20.00	5	COND MUD & CIRC	Circ Bottom Up and Test swivel
02:00	06:00	4.00	24.00	6	TRIPS	Trip in Hole Ream @ 10521, 10723,

Mud Checks

12,868.0ftKB, 2/24/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	12,868.0	12.50	90	22.0	14.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
19.000	55.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		26,000.000	16,000.000			51.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	8.1	98.0	784.9

Drill Strings

BHA #16, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
13	6 1/8in, MM64D, 12220600	1.00	0-0-NO-None-X-0-NO-TD	0.56	31.6

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
11/11/11/11/11/11	339.74	5.250

String Components
SECURITY MM64D # 782629 S/N 12220600 MM64D, PDX 5/6 475, XO Sub - Non Mag, Hunting Motor 7/8 4.5 .46 rpg, Nortrack Stabilizer, AWR 475 Tool Assy, ABS, 475 Memory/Battery, Stabilizer HDS1 475, NMDC HDSI 475, Nortrack Stabilizer, NMDC, FILTER SUB, XO Sub - Non Mag, HWDP

Comment
Bit # 13 Security MM64D s/n 12220600 6-16', 1- PDX5/6 475, 1-XO 1-Hunting MM 7/8 4.5 .46 rpg, 1-Nortrack Stabilizer, 1-AWR 475 Tool Assy, 1-ABS 475-Memory/Battery, 1-Stabilizer HDS1 475. 1-Collar HDS1 475, 1-Nortrack Stabilizer, 1-NMDC, 1-Filter Sub, 1-XO, 6-HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	12,868.0	12,868.0										

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
12,868.0	12,868.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Barite Bulk	194.48	5.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
Driltreat	831.63	1.0
OMC 42	362.25	1.0
TAX	1.00	216.37

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/25/2015
Report #: 58.0, DFS: 54.00
Depth Progress: 477.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Sunny	45.0	Good	Good

Operation At 6am	Operation Next 24hrs
Drlg 6 1/8 Prod Hole @ 13345	Drlg 6 1/8 Prod Hole

24 Hr Summary

Trip in Hole Ream F/12297' T 12429' , F/12733' T 12868' Drlg 6 1/8 Prod Hole F/ 12868' T/ 13345 477' @ 27.25 ft per hr (WOB 12-18 GPM 234 RPM 44) Formation Wasatch BBG 700-750 Conn 546-5368 Peak Form 4733 @ 12992 Trip Gas 9876 Lithology SH 60% CLYST 45% SS 5%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	09:00	3.00	3.00	6	TRIPS	Trip in Hole Ream F/12297' T 12429' , F/12733' T 12868'
09:00	10:00	1.00	4.00	20	DIRECTIONAL WORK	Down Link
10:00	15:30	5.50	9.50	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 12868' T/ 12997' 129' @23.45 ft per hr
15:30	16:00	0.50	10.00	7	LUBRICATE RIG	Rig Service
16:00	20:00	4.00	14.00	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 12997' T/ 13091' 94' @ 23.5 ft per hr
20:00	21:30	1.50	15.50	20	DIRECTIONAL WORK	Down Link
21:30	01:30	4.00	19.50	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 13091' T/ 13219' 128' @ 32 ft per hr
01:30	02:00	0.50	20.00	20	DIRECTIONAL WORK	Down Link
02:00	06:00	4.00	24.00	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 13219' T/ 13345' 126' @ 31.5 ft per hr

Mud Checks

12,905.0ftKB, 2/25/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	12,905.0	12.60	76	20.0	13.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
19.000	42.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		29,000.000	16,400.000			50.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	91.5	98.0	701.8

Drill Strings

BHA #16, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
13	6 1/8in, MM64D, 12220600	1.00	0-0-NO-None-X-0-NO-TD	0.56	31.6

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
11/11/11/11/11/11	339.74	5.250

String Components

SECURITY MM64D # 782629 S/N 12220600 MM64D, PDX 5/6 475, XO Sub - Non Mag, Hunting Motor 7/8 4.5 .46 rpg, Nortrack Stabilizer, AWR 475 Tool Assy, ABS, 475 Memory/Battery, Stabilizer HDS1 475, NMDC HDSI 475, Nortrack Stabilizer, NMDC, FILTER SUB, XO Sub - Non Mag, HWDP

Comment

Bit # 13 Security MM64D s/n 12220600 6-16', 1- PDX5/6 475, 1-XO 1-Hunting MM 7/8 4.5 .46 rpg, 1-Nortrack Stabilizer, 1-AWR 475 Tool Assy, 1-ABS 475-Memory/Battery, 1-Stabilizer HDS1 475. 1-Collar HDS1 475, 1-Nortrack Stabilizer, 1-NMDC, 1-Filter Sub, 1-XO, 6-HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	12,868.0	13,345.0	477.00	17.50	27.3	234	16	44	4,000.0	102	180	5,500.0

AFE Number	Start Depth (ftKB)	End Depth (ftKB)
1716313US	12,868.0	13,345.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Barite Bulk	194.48	6.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
TAX	1.00	150.63

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/26/2015
Report #: 59.0, DFS: 55.00
Depth Progress: 171.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	45.0	Good	Good

Operation At 6am	Operation Next 24hrs
Trip out of Hole for Liner @ 2000'	Trip out of Hole, L/D Directional Tools, P/U 4.5 13.5 # P-110 BTC Prod Liner, Trip in Hole with Liner,

24 Hr Summary

Drlg 6 1/8 Prod Hole F/ 13345' T/ 13516' 171' @ 57 ft per hr,(WOB 12-18 GPM 234 RPM 44) Circ Hole for Prod Liner, Short Trip F/ 13516' T/ 12750' Spot 150 bbls 13.5 ppg Kill Mud F/ 9510' T/ 5000' Check for Flow, Pump Dry Job, Trip out of hole for Prod Liner Formation Wasatch BBG 700-800 Conn 1776-4161 Peak Form 4078 Trip Gas 4890 Lithology SH 90% Clyst 10% SS TR

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	09:00	3.00	3.00	2	DRILL ACTUAL	Drlg 6 1/8 Prod Hole F/ 13345' T/ 13516' 171' @ 57 ft per hr
09:00	12:30	3.50	6.50	5	COND MUD & CIRC	Circ Hole for Prod Liner
12:30	16:00	3.50	10.00	6	TRIPS	Short Trip F/ 13516' T/ 12750'
16:00	18:00	2.00	12.00	5	COND MUD & CIRC	Circ Hole for Prod Liner
18:00	22:30	4.50	16.50	6	TRIPS	Check for Flow, Pump Dry Job, Trip Out of Hole to 9508'
22:30	23:30	1.00	17.50	5	COND MUD & CIRC	Check for Flow, Pump 150 bbls 13.5 ppg Kill Mud Spot F/ 9510' T/ 5000' with 20 bbls Active 12.6 ppg 20 bbls 14 ppg Dry Job
23:30	06:00	6.50	24.00	6	TRIPS	Trip Out hole for Prod Liner

Mud Checks

13,516.0ftKB, 2/26/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	13,516.0	12.60	75	20.0	13.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
18.000	39.000				0.2	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		28,000.000	16,000.000			46.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	41.3	153.0	767.0

Drill Strings

BHA #16, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
13	6 1/8in, MM64D, 12220600	1.00	0-0-NO-None-X-0-NO-TD	0.56	31.6

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)
11/11/11/11/11/11	339.74	5.250

String Components

SECURITY MM64D # 782629 S/N 12220600 MM64D, PDX 5/6 475, XO Sub - Non Mag, Hunting Motor 7/8 4.5 .46 rpg, Nortrack Stabilizer, AWR 475 Tool Assy, ABS, 475 Memory/Battery, Stabilizer HDS1 475, NMDC HDSI 475, Nortrack Stabilizer, NMDC, FILTER SUB, XO Sub - Non Mag, HWDP

Comment

Bit # 13 Security MM64D s/n 12220600 6-16', 1- PDX5/6 475, 1-XO 1-Hunting MM 7/8 4.5 .46 rpg, 1-Nortrack Stabilizer, 1-AWR 475 Tool Assy, 1-ABS 475-Memory/Battery, 1-Stabilizer HDS1 475. 1-Collar HDS1 475, 1-Nortrack Stabilizer, 1-NMDC, 1-Filter Sub, 1-XO, 6-HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	13,345.0	13,516.0	648.00	20.50	57.0	234	16	44	4,000.0	102	180	5,500.0

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
13,345.0	13,516.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Intermediate, 9,508.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
BARABLOK	69.49	12.0
Barite Bulk	194.48	4.0
BAROID Barite 100 lbs	11.70	418.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	26.0
DOT VEHICLE CHARGE	1.00	160.0
Driltreat	831.63	1.0
EZ MUL	873.26	1.0
INVERMUL	809.48	1.0
LIQ MUD OIL PPG	103.00	457.0
OMC 42	362.25	2.0
PALLETS	15.00	6.0
Sawdust	5.28	18.0
Shrink Wrap	15.00	6.0
TAX	1.00	4,422.37
Trucking	760.00	1.0

Safety Checks

Time	Type	Des

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/26/2015
Report #: 59.0, DFS: 55.00
Depth Progress: 171.00

Well Name: KENDALL 14-4-3-1E - WS

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/27/2015
Report #: 60.0, DFS: 56.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type:

Weather	Temperature (°F)	Road Condition	Hole Condition
Cloudy	30.0	Good	Good

Operation At 6am	Operation Next 24hrs
Trip in Hole with Liner, Circ out Kill Mud @ 9478	Trip in Hole with Liner, Circ Liner, Cement Liner, LDDP,

24 Hr Summary

Trip Out of Hole for Prod Liner, L/D Directional Tools, Held Safety Meeting With Franks and Weatherford P/U CRT and RIH with 98 jt of 4.5 P-110 13.5 BTC- 6" Centek Centralizers on every Joint, P/U Liner Hanger, L/D CRT, Trip in Hole With 4.5 Prod Liner to 9478' Circ out kill mud

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	08:30	2.50	2.50	6	TRIPS	Trip Out of Hole for Prod Liner
08:30	12:00	3.50	6.00	20	DIRECTIONAL WORK	L/D Directional Tools
12:00	21:30	9.50	15.50	12	RUN CASING & CEMENT	Held Safety Meeting With Franks and Weatherford P/U CRT and RIH with 98 jt of 4.5 P-110 13.5 BTC- 6" Centek Centralizers on every Joint, P/U Liner Hanger, L/D CRT
21:30	04:30	7.00	22.50	6	TRIPS	Trip in Hole With 4.5 Prod Liner 9478
04:30	06:00	1.50	24.00	5	COND MUD & CIRC	Circ Out Kill Mud

Mud Checks

13,516.0ftKB, 2/27/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	13,516.0	12.60	86	23.0	12.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
21.000	45.000				0.3	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		28,000.000	16,000.000			54.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	10.5	0.0	889.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components:

Comment:

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
13,516.0	13,516.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Liner, 13,510.4ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
Baraklean	759.44	1.0
BAROID Barite 100 lbs	11.70	90.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	11.0
Lime	6.38	20.0
TAX	1.00	224.91

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 2/28/2015
Report #: 61.0, DFS: 57.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Sunny	35.0	Good	Good

Operation At 6am	Operation Next 24hrs
LDDP	LDDP, Clean Mud Tanks and Rig from OBM

24 Hr Summary

Trip in Hole with Prod Liner, Circ Liner, Halliburton Pis test pump and lines to 6000 psi, Weatherford Set Liner Hanger Top @ 9336, Shoe @ 13510.42, Halliburton pump 40 bbls Tuned Spacer Mix @ 13.7 ppg Pump 300 sks, 81 bbls of cement mix @ 14.2 ppg, Wash pump and Line, Drop Wiper plug, and Displace with 60 bbls 2% KCL water with .1% Biocide 10 fresh and 85 bbls OBM 12.6 ppg, FCP 1600 psi, Bump Plug to 2600 psi, @ 18:04 2/28/15 Held for 5 minutes, Float held OK, Weatherford set liner packer and tested to 1000 psi for 5 minutes, held OK, Revere circulated @ liner top with 2% KCL with .1% Biocide, revere circ out a trace of cement and 40 bbls Spacer and all the OBM, Rig Down Halliburton, LDDP

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	11:30	5.50	5.50	6	TRIPS	Trip in Hole with Prod Liner
11:30	14:00	2.50	8.00	5	COND MUD & CIRC	Circ Liner, Hold Safety Meeting with Halliburton and Weatherford, Rig up to Cement Liner
14:00	22:30	8.50	16.50	12	RUN CASING & CEMENT	Halliburton Pis test pump and lines to 6000 psi, Weatherford Set Liner Hanger Top @ 9336, Shoe @ 13510.42, Halliburton pump 40 bbls Tuned Spacer Mix @ 13.7 ppg Pump 300 sks, 81 bbls of cement mix @ 14.2 ppg, Wash pump and Line, Drop Wiper plug, and Displace with 60 bbls 2% KCL water with .1% Biocide 10 fresh and 85 bbls OBM 12.6 ppg, FCP 1600 psi, Bump Plug to 2600 psi, @ 18:04 2/28/15 Held for 5 minutes, Float held OK, Weatherford set liner packer and tested to 1000 psi for 5 minutes, held OK, Revere circulated @ liner top with 2% KCL with .1% Biocide, revere circ out a trace of cement and 40 bbls Spacer and all the OBM, Rig Down Halliburton
22:30	06:00	7.50	24.00	6	TRIPS	LDDP

Mud Checks

13,516.0ftKB, 2/28/2015 12:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Invert	12:00	13,516.0	12.60	86	23.0	12.000

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
21.000	45.000				0.3	

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		28,000.000	16,000.000			54.000

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)
0.0	0.0	10.5	0.0	889.0

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
13,516.0	13,516.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String: Liner, 13,510.4ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s...	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
24 HR SERVICES	900.00	1.0
ALDACIDE G	164.45	5.0
Baraklean	759.44	2.0
Blower	35.00	1.0
Bulk Tanks	50.00	1.0
CALCIUM CHLORIDE POWD	24.05	31.0
DOT VEHICLE CHARGE	1.00	480.0
Lime	6.38	12.0
POTASSIUM CHLOR LIQ 20%	30.25	50.0
TAX	1.00	564.81
Trucking	760.00	3.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 3/1/2015
Report #: 62.0, DFS: 58.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Sunny	35.0	Good	Good

Operation At 6am	Operation Next 24hrs
Clean OBM from Rig	Clean OBM from Rig, Rig Down

24 Hr Summary
LDDP and L/D Weatherford Tools, Nipple Down BOP install tubing head and Clean Mud Tanks, Load out Rental Drill Pipe , Clean OBM from Rig

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	07:00	1.00	1.00	6	TRIPS	LDDP and L/D Weatherford Tools
07:00	18:00	11.00	12.00	14	NIPPLE UP B.O.P	Nipple Down BOP install tubing head and Clean Mud Tanks, Load out Rental Drill Pipe
18:00	06:00	12.00	24.00	21	OPEN	Clean OBM from Rig

Mud Checks

<depth>ftKB, 3/1/2015 06:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
	06:00					

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
13,516.0	13,516.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Liner, 13,510.4ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
CALCIUM CHLORIDE POWD	24.05	56.0
DOT VEHICLE CHARGE	1.00	1,760.0
Lime	6.38	18.0
Sawdust	5.28	76.0
SAWDUST SHAVVINGS BULK	180.00	1.0
TAX	1.00	901.05
Trucking	760.00	11.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 3/2/2015
Report #: 63.0, DFS: 59.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
Snow	33.0	Good	Good

Operation At 6am	Operation Next 24hrs
Rig Down Move Out	Rig Down Move Out

24 Hr Summary
Clean OBM from Rig, Capstar 330 Released from Kendall 14-4-3-1E on 3/2/15 @ 18:00 Rig Down

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	18:00	12.00	12.00	21	OPEN	Clean OBM from Rig
18:00	06:00	12.00	24.00	1	RIGUP & TEARDOWN	Capstar 330 Released from Kendall 14-4-3-1E on 3/2/15 @ 18:00 Rig Down

Mud Checks

<depth>ftKB, <dttm>

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number
1716313US

Start Depth (ftKB)	End Depth (ftKB)
13,516.0	13,516.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Liner, 13,510.4ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

Crescent Point ENERGY CORP

Daily Drilling Report

Report for: 3/3/2015
Report #: 64.0, DFS: 60.00
Depth Progress: 0.00

Well Name: KENDALL 14-4-3-1E - WS

UWI/API	Surface Legal Location	License #
43-047-53114	Sec. 9-3S-1E	

Spud Date	Date TD Reached (wellbore)	Rig Release Date	Ground Elevation (ft)	Orig KB Elev (ft)
3/22/2013 09:00	2/26/2015 09:00	3/2/2015 18:00	4,943.00	4,955.00

Completion Type

Weather	Temperature (°F)	Road Condition	Hole Condition
		Good	Good

Operation At 6am	Operation Next 24hrs

24 Hr Summary
Rig Down and Move off, Loads on Location Mast, Draw Work, BOP, Tool Pusher House, Miscellaneous Equipment, They Loads will be move out @ 3/4/15 am

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	18:00	12.00	12.00	1	RIGUP & TEARDOWN	Rig Down and Move Rig

Mud Checks

<depth>ftKB, <dttm>

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)

Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)

MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)

Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)

Drill Strings

BHA #<stringno>, <des>

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP…

Nozzles (1/32")	String Length (ft)	Max Nominal OD (in)

String Components

Comment

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number	
1716313US	

Start Depth (ftKB)	End Depth (ftKB)
13,516.0	13,516.0

Target Formation	Target Depth (ftKB)
Wastach	13,541.0

Last Casing String
Liner, 13,510.4ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Jesse Blanchard	435-828-2649

Rigs

Capstar Drilling, 330

Contractor	Rig Number
Capstar Drilling	330

Rig Supervisor	Phone Mobile
Bryon Malkuch	307-259-0940

1, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
1		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

2, Gardner-Denver, PZ-10

Pump #	Pwr (hp)	Rod Dia (in)
2		

Liner Size (in)	Stroke (in)	Vol/Stk OR (b…
6 1/2	10.12	

P (psi)	Slow Spd	Strokes (s…	Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
KENDALL STATE 14-4-3-1E-WS

2. NAME OF OPERATOR:
CRESCENT POINT ENERGY U.S. CORP

9. API NUMBER:
43047531140000

3. ADDRESS OF OPERATOR:
555 17th Street, Suite 750 , Denver, CO, 80202

PHONE NUMBER:
720 880-3621 Ext

9. FIELD and POOL or WILDCAT:
INDEPENDENCE

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1306 FNL 2306 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 09 Township: 03.0S Range: 01.0E Meridian: U

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 3/27/2015	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescent Point Energy U.S. Corp reports the first production of hydrocarbons from the KENDALL STATE 14-4-31E-WS on March 27, 2015.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
April 07, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kelly Beverlin	720 880-3635	Engineering Technician
SIGNATURE		**DATE**
N/A		4/6/2015

RECEIVED: Apr. 06, 2015

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
KENDALL STATE 14-4-3-1E-WS

2. NAME OF OPERATOR:
CRESCENT POINT ENERGY U.S. CORP

9. API NUMBER:
43047531140000

3. ADDRESS OF OPERATOR:
555 17th Street, Suite 750 , Denver, CO, 80202

PHONE NUMBER:
720 880-3621 Ext

9. FIELD and POOL or WILDCAT:
INDEPENDENCE

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1306 FNL 2306 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 09 Township: 03.0S Range: 01.0E Meridian: U

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/29/2015	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Confidentiality Request

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescent Point Energy respectfully requests that production data for the above referenced well be held in confidential status for one year. This well is part of our horizontal program and is experimenting with completion and production techniques

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
April 29, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kristen Johnson	303 308-6270	Regulatory Technician

SIGNATURE	DATE
N/A	4/29/2015

RECEIVED: Apr. 29, 2015

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: Oil Well

8. WELL NAME and NUMBER: KENDALL STATE 14-4-3-1E-WS

2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP

9. API NUMBER: 43047531140000

3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202
PHONE NUMBER: 720 880-3621 Ext

9. FIELD and POOL or WILDCAT: INDEPENDENCE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1306 FNL 2306 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 09 Township: 03.0S Range: 01.0E Meridian: U

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT
  Approximate date work will start:
- ✓ SUBSEQUENT REPORT
  Date of Work Completion: 3/22/2015
- ☐ SPUD REPORT
  Date of Spud:
- ☐ DRILLING REPORT
  Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescent Point Energy US Corp reports the first production of hydrocarbons from Kendall State 14-4-3-1E-WS on March 22, 2015.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
May 21, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kelly Beverlin	720 880-3635	Engineering Technician

SIGNATURE	DATE
N/A	5/19/2015

RECEIVED: May. 19, 2015

Reset Form

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: N/A

8. WELL NAME and NUMBER: KENDALL STATE 14-4-3-1E-WS

9. API NUMBER: 4304753114

10 FIELD AND POOL, OR WILDCAT: UNDESIGNATED

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR: Crescent Point Energy US Corp.

3. ADDRESS OF OPERATOR: 555 17th St., Suite 1800 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (720) 880-3637

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 1304 FNL 2265 FEL

AT TOP PRODUCING INTERVAL REPORTED BELOW: 662 FSL & 1977 FWL SEC 4

AT TOTAL DEPTH: 697 FNL & 1986 FWL SEC 4

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 9 3S 1E U

12. COUNTY: Uintah

13. STATE: UTAH

14. DATE SPUDDED: 1/3/2015

15. DATE T.D. REACHED: 2/26/2015

16. DATE COMPLETED: 5/6/2015 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 4943 GL

18. TOTAL DEPTH: MD 13,516 TVD 9,103

19. PLUG BACK T.D.: MD 13,357 TVD 9,095

20. IF MULTIPLE COMPLETIONS, HOW MANY? * 20 STAGES

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

Triple Combo CBL Directional Survey

23.

	NO	YES	
WAS WELL CORED?	☑	☐	(Submit analysis)
WAS DST RUN?	☑	☐	(Submit report)
DIRECTIONAL SURVEY?	☐	☑	(Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE		WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS		SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12-1/4	9 5/8	J-55	36	0	3,039		PREM	675	138	SRFC	
7	5-1/2	P110	26	0	9,508		HiFill V	500	240	50	
3.9	4 1/2	P110	13.5	9,334	13,510		65/35 P	540	361		

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	9,197							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch	9,725	13,311	8,894	9,091
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS	
9,725	13,311	.36	540	Open ☑	Squeezed ☐
				Open ☐	Squeezed ☐
				Open ☐	Squeezed ☐
				Open ☐	Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
9725' - 13311'	62048 Bbls Slickwater & Xlinked fluid, 10000 gals 15% HCl, 3684360 # 30/50 sand

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Flowing

(5/2000)

(CONTINUED ON BACK)

RECEIVED: May. 12, 2015

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
3/27/2015		3/27/2015		24			50	26	2	Flowing
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
18	0	700	40.00				50	26	2	Flowing

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
Mahogany	5,843
Wasatch	8,919

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Valari Crary TITLE D&C Technician

SIGNATURE Valari Crary Digitally signed by Valari Crary DN: cn=Valari Crary, o=Crescent Point Energy, ou, email=vcrary@crescentpointenergy.com, c=US Date: 2015.05.06 16:31:41 -06'00' DATE 5/6/2015

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

RECEIVED: May. 12, 2015

Well Header
UWI/API: 43-047-53114 Surf Loc: Sec. 9-3S-1E Field Name: License #: State/Prov: Utah Well Config: Horizontal
Gr Elev (ft): 4,943.00 CF Elev (ft): 4,943.00 KB-Grd (ft): 12. KB-CF (ft): 12. Spud Date: 2013/0 RR Date: 2015/03/02 18:00

Wellbores
Wellbore Name: Parent Wellbore: VS Dir (°):
Original Hole Original Hole KO MD (ftKB): 350.12
Deviation Surveys
Date: 2014/12/15 Definitive?: No Des: Prop?: No

MD Tie In (ftKB): TVDTie In (ftKB): Inclination Tie In (°): Azimuth Tie In (°): NSTie In (ft): EWTie In (ft):
Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	Method	Survey Company
12/15/2014	0	0	0	0	0	0	0	0	0	0	0	MWD	NEWSCO
12/15/2014	975	0.7	160.8	974.98	-5.88	-5.62	1.96	0.07	0.07	16.49	5.96	MWD	NEWSCO
12/15/2014	1,065.00	0.5	290.3	1,064.97	-6.22	-6.01	1.77	1.21	-0.22	143.89	6.38	MWD	NEWSCO
12/15/2014	1,160.00	1.2	302.6	1,159.96	-5.34	-5.33	0.54	0.76	0.74	12.95	7.78	MWD	NEWSCO
12/15/2014	1,250.00	1.8	320	1,249.93	-3.48	-3.74	-1.16	0.83	0.67	19.33	10.11	MWD	NEWSCO
12/15/2014	1,340.00	2.9	325.6	1,339.85	-0.19	-0.78	-3.35	1.25	1.22	6.22	13.8	MWD	NEWSCO
12/15/2014	1,430.00	4.3	323.5	1,429.67	4.9	3.82	-6.65	1.56	1.56	-2.33	19.45	MWD	NEWSCO
12/15/2014	1,520.00	5.2	320	1,519.37	11.44	9.65	-11.28	1.05	1	-3.89	26.9	MWD	NEWSCO
12/15/2014	1,610.00	6	318.2	1,608.93	18.96	16.28	-17.03	0.91	0.89	-2	35.68	MWD	NEWSCO
12/15/2014	1,700.00	6.9	319.8	1,698.36	27.62	23.92	-23.66	1.02	1	1.78	45.79	MWD	NEWSCO
12/15/2014	1,790.00	7.9	318.4	1,787.61	37.55	32.67	-31.25	1.13	1.11	-1.56	57.38	MWD	NEWSCO
12/15/2014	1,880.00	9.3	317	1,876.60	48.9	42.62	-40.32	1.57	1.56	-1.56	70.84	MWD	NEWSCO
12/15/2014	1,970.00	10.5	320.5	1,965.26	62.12	54.26	-50.5	1.49	1.33	3.89	86.3	MWD	NEWSCO
12/15/2014	2,060.00	11.6	320.4	2,053.59	77.11	67.56	-61.48	1.22	1.22	-0.11	103.55	MWD	NEWSCO
12/15/2014	2,150.00	12.4	319.2	2,141.62	93.26	81.85	-73.56	0.93	0.89	-1.33	122.26	MWD	NEWSCO
12/15/2014	2,240.00	11.9	317.3	2,229.61	109.35	95.99	-86.17	0.71	-0.56	-2.11	141.2	MWD	NEWSCO
12/15/2014	2,330.00	11.7	315.8	2,317.70	124.68	109.35	-98.82	0.41	-0.22	-1.67	159.61	MWD	NEWSCO
12/15/2014	2,420.00	11.8	318.9	2,405.82	140.09	122.82	-111.24	0.71	0.11	3.44	177.93	MWD	NEWSCO
12/15/2014	2,510.00	12.5	320.7	2,493.80	156.44	137.3	-123.45	0.88	0.78	2	196.87	MWD	NEWSCO
12/15/2014	2,600.00	12.8	320.4	2,581.62	173.58	152.52	-135.98	0.34	0.33	-0.33	216.58	MWD	NEWSCO
12/15/2014	2,690.00	12.9	319.5	2,669.36	190.89	167.84	-148.86	0.25	0.11	-1	236.59	MWD	NEWSCO
12/15/2014	2,780.00	12.9	317.6	2,757.09	208.01	182.89	-162.16	0.47	0	-2.11	256.68	MWD	NEWSCO
12/15/2014	2,870.00	12.9	317.1	2,844.82	224.9	197.67	-175.77	0.12	0	-0.56	276.78	MWD	NEWSCO
12/15/2014	2,960.00	12.6	315.5	2,932.60	241.4	212.03	-189.49	0.51	-0.33	-1.78	296.64	MWD	NEWSCO
12/15/2014	3,000.00	12.6	315.3	2,971.64	248.57	218.25	-195.61	0.11	0	-0.5	305.36	MWD	NEWSCO
12/15/2014	3,125.00	12.34	314.18	3,093.69	270.58	237.25	-214.78	0.28	-0.21	-0.9	332.35	MWD	Weatherford
12/15/2014	3,210.00	12.13	313.98	3,176.76	285.15	249.78	-227.72	0.25	-0.25	-0.24	350.37	MWD	Weatherford
12/15/2014	3,253.00	12.79	316.68	3,218.75	292.77	256.38	-234.24	2.05	1.53	6.28	359.64	MWD	Weatherford
12/15/2014	3,338.00	12.87	317.53	3,301.62	308.59	270.21	-247.09	0.24	0.09	1	378.52	MWD	Weatherford
12/15/2014	3,381.00	12.64	317.91	3,343.56	316.61	277.23	-253.47	0.57	-0.53	0.88	388.01	MWD	Weatherford
12/15/2014	3,423.00	13.15	320.09	3,384.50	324.63	284.3	-259.62	1.68	1.21	5.19	397.38	MWD	Weatherford
12/15/2014	3,466.00	13.4	321.81	3,426.36	333.26	291.97	-265.84	1.09	0.58	4	407.25	MWD	Weatherford
12/15/2014	3,509.00	13.42	323.32	3,468.18	342.1	299.89	-271.9	0.82	0.05	3.51	417.22	MWD	Weatherford
12/15/2014	3,551.00	13.13	323.7	3,509.06	350.72	307.64	-277.64	0.72	-0.69	0.9	426.87	MWD	Weatherford
12/15/2014	3,594.00	12.93	324.45	3,550.95	359.43	315.49	-283.32	0.61	-0.47	1.74	436.56	MWD	Weatherford
12/15/2014	3,636.00	12.57	324.79	3,591.92	367.79	323.05	-288.69	0.88	-0.86	0.81	445.83	MWD	Weatherford
12/15/2014	3,679.00	12.17	324.35	3,633.92	376.11	330.56	-294.03	0.96	-0.93	-1.02	455.04	MWD	Weatherford
12/15/2014	3,722.00	11.53	321.95	3,676.00	383.98	337.62	-299.32	1.88	-1.49	-5.58	463.87	MWD	Weatherford
12/15/2014	3,784.00	11.29	321.13	3,736.78	394.75	347.23	-306.95	0.47	-0.39	-1.32	476.14	MWD	Weatherford
12/15/2014	3,829.00	12.5	324.2	3,780.81	402.98	354.61	-312.56	3.03	2.69	6.82	485.41	MWD	Weatherford
12/15/2014	3,875.00	13.17	325.51	3,825.66	412.22	362.97	-318.44	1.59	1.46	2.85	495.63	MWD	Weatherford
12/15/2014	3,921.00	13.05	325.67	3,870.46	421.71	371.57	-324.34	0.27	-0.26	0.35	506.06	MWD	Weatherford
12/15/2014	3,963.00	13.18	325.89	3,911.37	430.4	379.45	-329.7	0.33	0.31	0.52	515.59	MWD	Weatherford
12/15/2014	4,005.00	13.61	326.83	3,952.22	439.3	387.55	-335.09	1.15	1.02	2.24	525.32	MWD	Weatherford
12/15/2014	4,096.00	12.81	328.09	4,040.82	458.49	405.08	-346.28	0.93	-0.88	1.38	546.11	MWD	Weatherford
12/15/2014	4,142.00	12.85	329.78	4,085.67	468.01	413.83	-351.55	0.82	0.09	3.67	556.33	MWD	Weatherford
12/15/2014	4,188.00	13.64	331.13	4,130.44	477.94	423	-356.74	1.84	1.72	2.93	566.87	MWD	Weatherford
12/15/2014	4,233.00	13.49	328.11	4,174.19	487.82	432.1	-362.07	1.61	-0.33	-6.71	577.42	MWD	Weatherford
12/15/2014	4,279.00	13.51	325.69	4,218.92	497.69	441.1	-367.94	1.23	0.04	-5.26	588.15	MWD	Weatherford
12/15/2014	4,325.00	13.53	323.12	4,263.64	507.37	449.84	-374.2	1.31	0.04	-5.59	598.91	MWD	Weatherford
12/15/2014	4,412.00	12.99	318.33	4,348.33	524.75	465.28	-386.81	1.41	-0.62	-5.51	618.84	MWD	Weatherford
12/15/2014	4,546.00	12.54	322.95	4,479.02	550.5	488.14	-405.58	0.83	-0.34	3.45	648.43	MWD	Weatherford
12/15/2014	4,588.00	12.81	322.97	4,520.00	558.7	495.5	-411.13	0.64	0.64	0.05	657.64	MWD	Weatherford
12/15/2014	4,634.00	12.88	322.14	4,564.84	567.76	503.62	-417.35	0.43	0.15	-1.8	667.87	MWD	Weatherford
12/15/2014	4,680.00	13.46	321.54	4,609.63	576.99	511.86	-423.83	1.3	1.26	-1.3	678.35	MWD	Weatherford
12/15/2014	4,752.00	13.66	318.96	4,679.63	591.63	524.83	-434.62	0.88	0.28	-3.58	695.23	MWD	Weatherford
12/15/2014	4,771.00	14.02	317.28	4,698.08	595.48	528.22	-437.66	2.84	1.89	-8.84	699.77	MWD	Weatherford
12/15/2014	4,813.00	14	313.09	4,738.83	603.81	535.43	-444.82	2.42	-0.05	-9.98	709.93	MWD	Weatherford
12/15/2014	4,898.00	13.59	308.89	4,821.38	619.53	548.72	-460.1	1.27	-0.48	-4.94	730.19	MWD	Weatherford
12/15/2014	4,943.00	13.14	309.87	4,865.16	627.41	555.32	-468.14	1.12	-1	2.18	740.59	MWD	Weatherford
12/15/2014	4,989.00	13.28	312.48	4,909.94	635.58	562.24	-476.05	1.33	0.3	5.67	751.1	MWD	Weatherford
12/15/2014	5,031.00	13.41	313.81	4,950.81	643.33	568.87	-483.12	0.79	0.31	3.17	760.79	MWD	Weatherford
12/15/2014	5,073.00	13.49	314.53	4,991.66	651.24	575.67	-490.13	0.44	0.19	1.71	770.56	MWD	Weatherford
12/15/2014	5,115.00	13.26	317.02	5,032.52	659.25	582.63	-496.91	1.48	-0.55	5.93	780.28	MWD	Weatherford
12/15/2014	5,158.00	13.46	320.58	5,074.35	667.74	590.11	-503.45	1.97	0.47	8.28	790.21	MWD	Weatherford
12/15/2014	5,200.00	13.48	322.47	5,115.20	676.33	597.77	-509.53	1.05	0.05	4.5	799.99	MWD	Weatherford
12/15/2014	5,242.00	13.73	322.94	5,156.02	685.1	605.62	-515.52	0.65	0.6	1.12	809.87	MWD	Weatherford
12/15/2014	5,284.00	13.37	320.56	5,196.85	693.76	613.35	-521.61	1.58	-0.86	-5.67	819.71	MWD	Weatherford
12/15/2014	5,369.00	13.39	315.55	5,279.55	710.41	627.97	-534.74	1.36	0.02	-5.89	839.36	MWD	Weatherford
12/15/2014	5,441.00	12.95	314.75	5,349.65	723.85	639.6	-546.31	0.66	-0.61	-1.11	855.76	MWD	Weatherford
12/15/2014	5,460.00	12.47	315.13	5,368.19	727.27	642.55	-549.27	2.56	-2.53	2	859.94	MWD	Weatherford
12/15/2014	5,505.00	13.36	312.88	5,412.05	735.39	649.53	-556.51	2.27	1.98	-5	870	MWD	Weatherford
12/15/2014	5,551.00	13.29	311.03	5,456.81	743.72	656.62	-564.39	0.94	-0.15	-4.02	880.6	MWD	Weatherford
12/15/2014	5,597.00	13.54	312.7	5,501.56	752.1	663.74	-572.34	1	0.54	3.63	891.27	MWD	Weatherford
12/15/2014	5,643.00	13.52	313.47	5,546.28	760.7	671.09	-580.2	0.39	-0.04	1.67	902.03	MWD	Weatherford
12/15/2014	5,688.00	13.33	314.95	5,590.05	769.16	678.38	-587.68	0.87	-0.42	3.29	912.48	MWD	Weatherford
12/15/2014	5,734.00	13.54	314.95	5,634.79	777.89	685.93	-595.25	0.46	0.46	0	923.17	MWD	Weatherford
12/15/2014	5,775.00	12.49	327.19	5,674.75	785.9	693.05	-601.05	7.18	-2.56	29.85	932.35	MWD	Pathfinder
12/15/2014	5,821.00	11.34	325.96	5,719.75	794.61	700.98	-606.28	2.56	-2.5	-2.67	941.85	MWD	Pathfinder
12/15/2014	5,863.00	10.73	322.97	5,760.98	801.86	707.52	-610.94	1.99	-1.45	-7.12	949.88	MWD	Pathfinder
12/15/2014	5,895.00	10.55	323.05	5,792.43	807.11	712.24	-614.5	0.56	-0.56	0.25	955.79	MWD	Pathfinder
12/15/2014	5,940.00	9.85	328.1	5,836.72	814.35	718.8	-619.01	2.52	-1.56	11.22	963.75	MWD	Pathfinder
12/15/2014	5,986.00	9.32	329.41	5,882.07	821.48	725.35	-622.98	1.25	-1.15	2.85	971.41	MWD	Pathfinder
12/15/2014	6,031.00	8.62	331.55	5,926.52	828.09	731.45	-626.44	1.72	-1.56	4.76	978.43	MWD	Pathfinder
12/15/2014	6,077.00	7.21	336.49	5,972.08	834.16	737.13	-629.24	3.4	-3.07	10.74	984.75	MWD	Pathfinder
12/15/2014	6,123.00	6.33	345.1	6,017.76	839.49	742.22	-631.04	2.92	-1.91	18.72	990.16	MWD	Pathfinder
12/15/2014	6,168.00	5.98	353.67	6,062.51	844.3	746.95	-631.94	2.18	-0.78	19.04	994.97	MWD	Pathfinder

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12/15/2014	6,214.00	7.74	339.64	6,108.18	849.74	752.24	-633.28	5.26	3.83	-30.5	1,000.43	MWD	Pathfinder
12/15/2014	6,259.00	9.15	333.28	6,152.69	856.15	758.27	-635.94	3.75	3.13	-14.13	1,007.03	MWD	Pathfinder
12/15/2014	6,305.00	10.38	326.57	6,198.02	863.45	765	-639.87	3.64	2.67	-14.59	1,014.81	MWD	Pathfinder
12/15/2014	6,351.00	11.26	317.96	6,243.21	871.05	771.8	-645.16	4	1.91	-18.72	1,023.43	MWD	Pathfinder
12/15/2014	6,396.00	12.66	314.06	6,287.23	878.76	778.49	-651.65	3.59	3.11	-8.67	1,032.75	MWD	Pathfinder
12/15/2014	6,442.00	14.02	311.77	6,331.99	887.2	785.71	-659.43	3.17	2.96	-4.98	1,043.36	MWD	Pathfinder
12/15/2014	6,488.00	15.3	311.37	6,376.49	896.3	793.43	-668.14	2.79	2.78	-0.87	1,055.00	MWD	Pathfinder
12/15/2014	6,533.00	14.51	309.2	6,419.98	905.19	800.92	-676.96	2.15	-1.76	-4.82	1,066.57	MWD	Pathfinder
12/15/2014	6,579.00	13.45	309.34	6,464.61	913.6	807.95	-685.56	2.31	-2.3	0.3	1,077.68	MWD	Pathfinder
12/15/2014	6,625.00	14.25	308.51	6,509.28	921.88	814.87	-694.13	1.79	1.74	-1.8	1,088.69	MWD	Pathfinder
12/15/2014	6,670.00	15.39	310.92	6,552.78	930.65	822.23	-702.98	2.88	2.53	5.36	1,100.20	MWD	Pathfinder
12/15/2014	6,716.00	15.39	314.85	6,597.13	940.37	830.53	-711.92	2.27	0	8.54	1,112.40	MWD	Pathfinder
12/15/2014	6,762.00	14.77	316.24	6,641.55	950.22	839.07	-720.3	1.56	-1.35	3.02	1,124.37	MWD	Pathfinder
12/15/2014	6,807.00	15.56	316.35	6,684.98	960	847.58	-728.43	1.76	1.76	0.24	1,136.14	MWD	Pathfinder
12/15/2014	6,853.00	15.83	316.72	6,729.26	970.36	856.61	-736.99	0.63	0.59	0.8	1,148.59	MWD	Pathfinder
12/15/2014	6,898.00	16.36	316.44	6,772.50	980.76	865.67	-745.57	1.19	1.18	-0.62	1,161.06	MWD	Pathfinder
12/15/2014	6,944.00	15.48	321	6,816.74	991.52	875.14	-753.9	3.32	-1.91	9.91	1,173.67	MWD	Pathfinder
12/15/2014	6,990.00	14.77	320.57	6,861.14	1,001.98	884.44	-761.49	1.56	-1.54	-0.93	1,185.67	MWD	Pathfinder
12/15/2014	7,035.00	14.07	321.03	6,904.73	1,011.75	893.12	-768.57	1.58	-1.56	1.02	1,196.88	MWD	Pathfinder
12/15/2014	7,081.00	13.45	322.11	6,949.41	1,021.36	901.69	-775.37	1.46	-1.35	2.35	1,207.82	MWD	Pathfinder
12/15/2014	7,127.00	14.33	319.18	6,994.06	1,030.97	910.22	-782.38	2.45	1.91	-6.37	1,218.86	MWD	Pathfinder
12/15/2014	7,172.00	14.25	316.58	7,037.67	1,040.36	918.46	-789.83	1.44	-0.18	-5.78	1,229.96	MWD	Pathfinder
12/15/2014	7,218.00	13.75	316.43	7,082.30	1,049.63	926.53	-797.48	1.09	-1.09	-0.33	1,241.09	MWD	Pathfinder
12/15/2014	7,263.00	14.07	314.39	7,125.98	1,058.52	934.23	-805.08	1.3	0.71	-4.53	1,251.91	MWD	Pathfinder
12/15/2014	7,309.00	13.54	313.58	7,170.65	1,067.38	941.86	-812.98	1.23	-1.15	-1.76	1,262.88	MWD	Pathfinder
12/15/2014	7,355.00	13.98	315.93	7,215.33	1,076.30	949.56	-820.74	1.55	0.96	5.11	1,273.82	MWD	Pathfinder
12/15/2014	7,400.00	13.98	317.84	7,259.00	1,085.40	957.49	-828.17	1.03	0	4.24	1,284.69	MWD	Pathfinder
12/15/2014	7,446.00	14.86	319.15	7,303.55	1,095.15	966.08	-835.76	2.04	1.91	2.85	1,296.15	MWD	Pathfinder
12/15/2014	7,492.00	15.04	321.17	7,347.99	1,105.43	975.19	-843.36	1.2	0.39	4.39	1,308.01	MWD	Pathfinder
12/15/2014	7,512.00	13.98	317.77	7,367.36	1,109.74	979	-846.61	6.8	-5.3	-17	1,313.02	MWD	Pathfinder
12/15/2014	7,537.00	14.68	320.29	7,391.58	1,115.04	983.67	-850.66	3.75	2.8	10.08	1,319.21	MWD	Pathfinder
12/15/2014	7,583.00	14.25	318.31	7,436.12	1,124.91	992.38	-858.15	1.42	-0.93	-4.3	1,330.69	MWD	Pathfinder
12/15/2014	7,629.00	13.72	318.31	7,480.76	1,134.36	1,000.68	-865.55	1.15	-1.15	0	1,341.81	MWD	Pathfinder
12/15/2014	7,675.00	14.25	319.71	7,525.39	1,143.88	1,009.08	-872.84	1.37	1.15	3.04	1,352.93	MWD	Pathfinder
12/15/2014	7,721.00	13.54	320.11	7,570.05	1,153.42	1,017.53	-879.95	1.56	-1.54	0.87	1,363.97	MWD	Pathfinder
12/15/2014	7,766.00	13.45	318.85	7,613.81	1,162.46	1,025.51	-886.77	0.68	-0.2	-2.8	1,374.47	MWD	Pathfinder
12/15/2014	7,812.00	13.98	317.77	7,658.49	1,171.72	1,033.65	-894.03	1.28	1.15	-2.35	1,385.38	MWD	Pathfinder
12/15/2014	7,858.00	13.98	317.19	7,703.13	1,181.08	1,041.84	-901.54	0.3	0	-1.26	1,396.49	MWD	Pathfinder
12/15/2014	7,903.00	14.86	318.85	7,746.71	1,190.58	1,050.17	-909.03	2.16	1.96	3.69	1,407.70	MWD	Pathfinder
12/15/2014	7,949.00	14.51	319.11	7,791.21	1,200.56	1,058.97	-916.68	0.77	-0.76	0.57	1,419.36	MWD	Pathfinder
12/15/2014	8,040.00	14.51	319.13	7,879.31	1,220.10	1,076.21	-931.6	0.01	0	0.02	1,442.16	MWD	Pathfinder
12/15/2014	8,086.00	14.95	319.17	7,923.80	1,230.13	1,085.06	-939.26	0.96	0.96	0.09	1,453.86	MWD	Pathfinder
12/15/2014	8,132.00	14.77	319.95	7,968.26	1,240.29	1,094.04	-946.91	0.58	-0.39	1.7	1,465.65	MWD	Pathfinder
12/15/2014	8,177.00	13.81	319.79	8,011.86	1,249.88	1,102.53	-954.07	2.14	-2.13	-0.36	1,476.76	MWD	Pathfinder
12/15/2014	8,223.00	13.37	321.02	8,056.58	1,259.27	1,110.86	-960.96	1.14	-0.96	2.67	1,487.57	MWD	Pathfinder
12/15/2014	8,268.00	13.1	322.71	8,100.38	1,268.34	1,118.96	-967.32	1.05	-0.6	3.76	1,497.87	MWD	Pathfinder
12/15/2014	8,314.00	13.98	326.76	8,145.10	1,278.07	1,127.75	-973.52	2.81	1.91	8.8	1,508.63	MWD	Pathfinder
12/15/2014	8,363.00	14.42	326.95	8,192.61	1,289.11	1,137.82	-980.09	0.9	0.9	0.39	1,520.65	MWD	Pathfinder
12/15/2014	8,408.00	15.04	327.11	8,236.13	1,299.64	1,147.42	-986.32	1.38	1.38	0.36	1,532.09	MWD	Pathfinder
12/15/2014	8,444.00	19.52	330.9	8,270.49	1,309.62	1,156.60	-991.79	12.83	12.44	10.53	1,542.78	MWD	Pathfinder
12/15/2014	8,471.00	22.34	334.66	8,295.71	1,318.83	1,165.18	-996.18	11.56	10.44	13.93	1,552.42	MWD	Pathfinder
12/15/2014	8,500.00	24.53	336.49	8,322.32	1,329.99	1,175.68	-1,000.94	7.96	7.55	6.31	1,563.95	MWD	Pathfinder
12/15/2014	8,530.00	28.23	339.49	8,349.19	1,343.02	1,188.04	-1,005.91	13.11	12.33	10	1,577.27	MWD	Pathfinder
12/15/2014	8,560.00	31.39	341.91	8,375.22	1,357.73	1,202.12	-1,010.82	11.27	10.53	8.07	1,592.18	MWD	Pathfinder
12/15/2014	8,591.00	32.18	342.96	8,401.57	1,373.92	1,217.69	-1,015.75	3.11	2.55	3.39	1,608.51	MWD	Pathfinder
12/15/2014	8,621.00	35	345.77	8,426.56	1,390.43	1,233.67	-1,020.21	10.73	9.4	9.37	1,625.10	MWD	Pathfinder
12/15/2014	8,652.00	37.55	347.66	8,451.55	1,408.73	1,251.52	-1,024.41	8.98	8.23	6.1	1,643.44	MWD	Pathfinder
12/15/2014	8,682.00	38.25	348.67	8,475.22	1,427.15	1,269.56	-1,028.19	3.12	2.33	3.37	1,661.87	MWD	Pathfinder
12/15/2014	8,712.00	41.15	351.35	8,498.30	1,446.31	1,288.42	-1,031.50	11.22	9.67	8.93	1,681.03	MWD	Pathfinder
12/15/2014	8,743.00	42.38	353.54	8,521.43	1,466.93	1,308.89	-1,034.21	6.15	3.97	7.06	1,701.67	MWD	Pathfinder
12/15/2014	8,773.00	43.18	354.05	8,543.45	1,487.27	1,329.15	-1,036.41	2.91	2.67	1.7	1,722.05	MWD	Pathfinder
12/15/2014	8,804.00	46.25	356.03	8,565.47	1,508.99	1,350.87	-1,038.29	10.87	9.9	6.39	1,743.85	MWD	Pathfinder
12/15/2014	8,834.00	47.48	357.47	8,585.99	1,530.74	1,372.73	-1,039.52	5.39	4.1	4.8	1,765.74	MWD	Pathfinder
12/15/2014	8,865.00	49.24	359.47	8,606.58	1,553.65	1,395.88	-1,040.14	7.45	5.68	6.45	1,788.91	MWD	Pathfinder
12/15/2014	8,895.00	52.14	1.62	8,625.59	1,576.48	1,419.09	-1,039.91	11.14	9.67	-1192.83	1,812.11	MWD	Pathfinder
12/15/2014	8,926.00	53.02	2.58	8,644.43	1,600.56	1,443.69	-1,039.00	3.76	2.84	3.1	1,836.73	MWD	Pathfinder
12/15/2014	8,956.00	54.69	3.29	8,662.12	1,624.18	1,467.89	-1,037.76	5.89	5.57	2.37	1,860.96	MWD	Pathfinder
12/15/2014	8,980.00	56.81	2.64	8,675.63	1,643.52	1,487.70	-1,036.74	9.11	8.83	-2.71	1,880.80	MWD	Pathfinder
12/15/2014	9,002.00	58.48	2.26	8,687.40	1,661.68	1,506.26	-1,035.94	7.73	7.59	-1.73	1,899.38	MWD	Pathfinder
12/15/2014	9,032.00	59.44	2.03	8,702.87	1,686.82	1,531.95	-1,034.98	3.27	3.2	-0.77	1,925.08	MWD	Pathfinder
12/15/2014	9,062.00	62.43	2.05	8,717.44	1,712.47	1,558.15	-1,034.05	9.97	9.97	0.07	1,951.30	MWD	Pathfinder
12/15/2014	9,093.00	64.37	2.28	8,731.32	1,739.58	1,585.85	-1,033.00	6.29	6.26	0.74	1,979.02	MWD	Pathfinder
12/15/2014	9,123.00	65.15	2.32	8,744.11	1,766.10	1,612.96	-1,031.91	2.6	2.6	0.13	2,006.16	MWD	Pathfinder
12/15/2014	9,153.00	65.51	3.08	8,756.64	1,792.71	1,640.19	-1,030.63	2.6	1.2	2.53	2,033.42	MWD	Pathfinder
12/15/2014	9,185.00	65.95	2.92	8,769.79	1,821.15	1,669.33	-1,029.10	1.45	1.37	-0.5	2,062.59	MWD	Pathfinder
12/15/2014	9,215.00	66.21	2.76	8,781.95	1,847.90	1,696.72	-1,027.74	0.99	0.87	-0.53	2,090.01	MWD	Pathfinder
12/15/2014	9,245.00	66.6	2.16	8,793.96	1,874.75	1,724.18	-1,026.56	2.25	1.3	-2	2,117.50	MWD	Pathfinder
12/15/2014	9,276.00	66.57	2.16	8,806.28	1,902.58	1,752.61	-1,025.49	0.1	-0.1	0	2,145.95	MWD	Pathfinder
12/15/2014	9,307.00	66.34	2.12	8,818.66	1,930.37	1,781.01	-1,024.43	0.75	-0.74	-0.13	2,174.37	MWD	Pathfinder
12/15/2014	9,337.00	66.74	1.45	8,830.61	1,957.32	1,808.52	-1,023.57	2.44	1.33	-2.23	2,201.89	MWD	Pathfinder
12/15/2014	9,367.00	69.12	1.2	8,841.88	1,984.59	1,836.31	-1,022.93	7.97	7.93	-0.83	2,229.69	MWD	Pathfinder
12/15/2014	9,397.00	72.72	1	8,851.68	2,012.42	1,864.65	-1,022.39	12.02	12	-0.67	2,258.04	MWD	Pathfinder
12/15/2014	9,427.00	74.83	1.41	8,860.06	2,040.69	1,893.45	-1,021.78	7.15	7.03	1.37	2,286.84	MWD	Pathfinder
12/15/2014	9,458.00	76.85	1.2	8,867.65	2,070.17	1,923.50	-1,021.09	6.55	6.52	-0.68	2,316.90	MWD	Pathfinder
12/15/2014	9,469.00	78	1.31	8,870.04	2,080.71	1,934.23	-1,020.86	10.5	10.45	1	2,327.63	MWD	Pathfinder
12/15/2014	9,500.00	81.16	1.68	8,875.65	2,110.59	1,964.70	-1,020.06	10.26	10.19	1.19	2,358.12	MWD	Pathfinder
12/15/2014	9,532.00	83.45	2.06	8,879.93	2,141.64	1,996.40	-1,019.03	7.25	7.16	1.19	2,389.83	MWD	Pathfinder
12/15/2014	9,563.00	84.15	1.44	8,883.28	2,171.82	2,027.20	-1,018.09	3.01	2.26	-2	2,420.65	MWD	Pathfinder
12/15/2014	9,595.00	84.68	0.33	8,886.40	2,203.11	2,059.04	-1,017.60	3.83	1.66	-3.47	2,452.49	MWD	Pathfinder
12/15/2014	9,626.00	85.12	359.95	8,889.15	2,233.52	2,089.92	-1,017.52	1.87	1.42	1160.06	2,483.37	MWD	Pathfinder
12/15/2014	9,658.00	86.09	358.04	8,891.60	2,265.04	2,121.82	-1,018.08	6.68	3.03	-5.97	2,515.27	MWD	Pathfinder
12/15/2014	9,689.00	87.76	357.1	8,893.27	2,295.73	2,152.75	-1,019.39	6.18	5.39	-3.03	2,546.23	MWD	Pathfinder
12/15/2014	9,721.00	88.46	356	8,894.32	2,327.51	2,184.67	-1,021.32	4.07	2.19	-3.44	2,578.21	MWD	Pathfinder
12/15/2014	9,737.00	89.25	354.71	8,894.64	2,343.44	2,200.61	-1,022.61	9.45	4.94	-8.06	2,594.21	MWD	Pathfinder
12/15/2014	9,800.00	90.48	355.1	8,894.79	2,406.22	2,263.36	-1,028.21	2.05	1.95	0.62	2,657.20	MWD	Pathfinder
12/15/2014	9,895.00	88.99	355.3	8,895.23	2,500.84	2,358.03	-1,036.16	1.58	-1.57	0.21	2,752.20	MWD	Pathfinder
12/15/2014	9,927.00	89.43	356.12	8,895.67	2,532.69	2,389.93	-1,038.55	2.91	1.38	2.56	2,784.20	MWD	Pathfinder
12/15/2014	10,022.00	89.25	357.23	8,896.77	2,627.06	2,484.77	-1,044.06	1.18	-0.19	1.17	2,879.19	MWD	Pathfinder
12/15/2014	10,116.00	89.25	358.78	8,898.00	2,720.16	2,578.70	-1,047.33	1.65	0	1.65	2,973.18	MWD	Pathfinder
12/15/2014	10,211.00	87.93	358.49	8,900.33	2,814.08	2,673.64	-1,049.59	1.42	-1.39	-0.31	3,068.15	MWD	Pathfinder
12/15/2014	10,243.00	85.74	356.92	8,902.10	2,845.75	2,705.56	-1,050.87	8.42	-6.84	-4.91	3,100.10	MWD	Pathfinder

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12/15/2014	10,274.00	87.41	357.34	8,903.95	2,876.46	2,736.47	-1,052.42	5.55	5.39	1.35	3,131.04	MWD	Pathfinder
12/15/2014	10,306.00	86.35	356.52	8,905.69	2,908.19	2,768.37	-1,054.13	4.19	-3.31	-2.56	3,162.99	MWD	Pathfinder
12/15/2014	10,369.00	87.05	357.83	8,909.32	2,970.61	2,831.19	-1,057.23	2.35	1.11	2.08	3,225.89	MWD	Pathfinder
12/15/2014	10,432.00	86.09	0.4	8,913.09	3,032.71	2,894.06	-1,058.20	4.35	-1.52	-567.35	3,288.77	MWD	Pathfinder
12/15/2014	10,463.00	86.17	0.99	8,915.18	3,063.12	2,924.99	-1,057.83	1.92	0.26	1.9	3,319.70	MWD	Pathfinder
12/15/2014	10,495.00	87.14	1.96	8,917.05	3,094.44	2,956.92	-1,057.01	4.28	3.03	3.03	3,351.64	MWD	Pathfinder
12/15/2014	10,527.00	85.74	0.79	8,919.04	3,125.76	2,988.85	-1,056.24	5.7	-4.38	-3.66	3,383.58	MWD	Pathfinder
12/15/2014	10,558.00	86.35	1.4	8,921.17	3,156.12	3,019.77	-1,055.65	2.78	1.97	1.97	3,414.50	MWD	Pathfinder
12/15/2014	10,590.00	87.67	2.13	8,922.84	3,187.42	3,051.71	-1,054.67	4.71	4.13	2.28	3,446.46	MWD	Pathfinder
12/15/2014	10,621.00	85.74	0.7	8,924.63	3,217.77	3,082.65	-1,053.90	7.74	-6.23	-4.61	3,477.40	MWD	Pathfinder
12/15/2014	10,653.00	85.82	0.59	8,926.98	3,249.14	3,114.56	-1,053.54	0.42	0.25	-0.34	3,509.32	MWD	Pathfinder
12/15/2014	10,684.00	87.05	1.53	8,928.91	3,279.52	3,145.49	-1,052.97	4.99	3.97	3.03	3,540.26	MWD	Pathfinder
12/15/2014	10,716.00	86.61	1.14	8,930.68	3,310.86	3,177.44	-1,052.22	1.84	-1.37	-1.22	3,572.21	MWD	Pathfinder
12/15/2014	10,747.00	86.44	0.22	8,932.56	3,341.28	3,208.38	-1,051.86	3.01	-0.55	-2.97	3,603.15	MWD	Pathfinder
12/15/2014	10,779.00	84.94	359.7	8,934.96	3,372.72	3,240.29	-1,051.88	4.96	-4.69	1123.38	3,635.06	MWD	Pathfinder
12/15/2014	10,811.00	84.59	0.5	8,937.88	3,404.10	3,272.15	-1,051.82	2.72	-1.09	-1122.5	3,666.93	MWD	Pathfinder
12/15/2014	10,842.00	85.3	0.53	8,940.61	3,434.47	3,303.03	-1,051.55	2.29	2.29	0.1	3,697.80	MWD	Pathfinder
12/15/2014	10,874.00	86.35	0.18	8,942.94	3,465.88	3,334.94	-1,051.35	3.46	3.28	-1.09	3,729.72	MWD	Pathfinder
12/15/2014	10,905.00	87.86	359.66	8,944.51	3,496.39	3,365.90	-1,051.39	5.15	4.87	1159.61	3,760.68	MWD	Pathfinder
12/15/2014	10,937.00	90.66	0.3	8,944.92	3,527.91	3,397.90	-1,051.40	8.98	8.75	-1123	3,792.67	MWD	Pathfinder
12/15/2014	10,968.00	91.8	0	8,944.26	3,558.43	3,428.89	-1,051.32	3.8	3.68	-0.97	3,823.66	MWD	Pathfinder
12/15/2014	11,000.00	91.71	359.82	8,943.28	3,589.95	3,460.87	-1,051.37	0.63	-0.28	1124.44	3,855.65	MWD	Pathfinder
12/15/2014	11,031.00	91.89	359.88	8,942.30	3,620.49	3,491.86	-1,051.45	0.61	0.58	0.19	3,886.63	MWD	Pathfinder
12/15/2014	11,063.00	90.48	359.94	8,941.64	3,652.01	3,523.85	-1,051.50	4.41	-4.41	0.19	3,918.63	MWD	Pathfinder
12/15/2014	11,158.00	87.49	0.01	8,943.32	3,745.59	3,618.83	-1,051.55	3.15	-3.15	-378.87	4,013.60	MWD	Pathfinder
12/15/2014	11,253.00	85.91	0.62	8,948.79	3,838.93	3,713.66	-1,051.02	1.78	-1.66	0.64	4,108.44	MWD	Pathfinder
12/15/2014	11,348.00	84.68	359.7	8,956.58	3,932.15	3,808.34	-1,050.76	1.61	-1.29	377.98	4,203.12	MWD	Pathfinder
12/15/2014	11,443.00	85.82	0.62	8,964.45	4,025.38	3,903.01	-1,050.49	1.54	1.2	-377.98	4,297.79	MWD	Pathfinder
12/15/2014	11,538.00	86.09	358.91	8,971.15	4,118.80	3,997.77	-1,050.88	1.82	0.28	377.15	4,392.55	MWD	Pathfinder
12/15/2014	11,632.00	85.65	359.36	8,977.92	4,211.39	4,091.51	-1,052.30	0.67	-0.47	0.48	4,486.30	MWD	Pathfinder
12/15/2014	11,727.00	85.47	0.13	8,985.28	4,304.77	4,186.23	-1,052.72	0.83	-0.19	-378.14	4,581.02	MWD	Pathfinder
12/15/2014	11,822.00	86	0.31	8,992.34	4,398.04	4,280.96	-1,052.36	0.59	0.56	0.19	4,675.75	MWD	Pathfinder
12/15/2014	11,917.00	85.65	0.1	8,999.26	4,491.33	4,375.71	-1,052.02	0.43	-0.37	-0.22	4,770.50	MWD	Pathfinder
12/15/2014	12,012.00	85.65	0.29	9,006.46	4,584.59	4,470.44	-1,051.69	0.2	0	0.2	4,865.23	MWD	Pathfinder
12/15/2014	12,106.00	86.09	0.91	9,013.23	4,676.78	4,564.19	-1,050.71	0.81	0.47	0.66	4,958.98	MWD	Pathfinder
12/15/2014	12,201.00	85.12	359.26	9,020.51	4,770.07	4,658.90	-1,050.57	2.01	-1.02	377.21	5,053.70	MWD	Pathfinder
12/15/2014	12,295.00	86	0.58	9,027.79	4,862.42	4,752.62	-1,050.70	1.68	0.94	-381.57	5,147.41	MWD	Pathfinder
12/15/2014	12,390.00	86.09	0.15	9,034.34	4,955.68	4,847.39	-1,050.10	0.46	0.09	-0.45	5,242.19	MWD	Pathfinder
12/15/2014	12,484.00	85.3	359.87	9,041.40	5,048.02	4,941.12	-1,050.08	0.89	-0.84	382.68	5,335.92	MWD	Pathfinder
12/15/2014	12,579.00	85.38	359.71	9,049.12	5,141.36	5,035.81	-1,050.43	0.19	0.08	-0.17	5,430.61	MWD	Pathfinder
12/15/2014	12,674.00	86.35	0.15	9,055.97	5,234.73	5,130.56	-1,050.54	1.12	1.02	-378.48	5,525.36	MWD	Pathfinder
12/15/2014	12,705.00	86.09	359.39	9,058.01	5,265.22	5,161.49	-1,050.67	2.59	-0.84	1158.84	5,556.29	MWD	Pathfinder
12/15/2014	12,737.00	85.12	359.25	9,060.46	5,296.72	5,193.39	-1,051.05	3.06	-3.03	-0.44	5,588.20	MWD	Pathfinder
12/15/2014	12,768.00	85.3	359.38	9,063.05	5,327.21	5,224.28	-1,051.42	0.72	0.58	0.42	5,619.09	MWD	Pathfinder
12/15/2014	12,800.00	86.17	359.87	9,065.43	5,358.68	5,256.19	-1,051.62	3.12	2.72	1.53	5,651.00	MWD	Pathfinder
12/15/2014	12,831.00	85.56	359.45	9,067.67	5,389.18	5,287.11	-1,051.81	2.39	-1.97	-1.35	5,681.92	MWD	Pathfinder
12/15/2014	12,863.00	86	359.7	9,070.02	5,420.66	5,319.03	-1,052.04	1.58	1.37	0.78	5,713.83	MWD	Pathfinder
12/15/2014	12,894.00	86	358.58	9,072.19	5,451.20	5,349.95	-1,052.51	3.6	0	-3.61	5,744.76	MWD	Pathfinder
12/15/2014	12,926.00	84.94	357	9,074.71	5,482.81	5,381.82	-1,053.74	5.93	-3.31	-4.94	5,776.65	MWD	Pathfinder
12/15/2014	12,957.00	86.35	356.88	9,077.07	5,513.50	5,412.69	-1,055.39	4.56	4.55	-0.39	5,807.56	MWD	Pathfinder
12/15/2014	12,989.00	88.02	356.43	9,078.64	5,545.25	5,444.59	-1,057.25	5.4	5.22	-1.41	5,839.52	MWD	Pathfinder
12/15/2014	13,020.00	90.66	356.27	9,079.00	5,576.07	5,475.52	-1,059.23	8.53	8.52	-0.52	5,870.52	MWD	Pathfinder
12/15/2014	13,052.00	90.75	356.54	9,078.60	5,607.87	5,507.46	-1,061.23	0.89	0.28	0.84	5,902.52	MWD	Pathfinder
12/15/2014	13,084.00	89.96	357.87	9,078.40	5,639.63	5,539.42	-1,062.79	4.83	-2.47	4.16	5,934.52	MWD	Pathfinder
12/15/2014	13,115.00	88.29	359.04	9,078.88	5,670.29	5,570.40	-1,063.63	6.58	-5.39	3.77	5,965.51	MWD	Pathfinder
12/15/2014	13,147.00	86.88	359.57	9,080.23	5,701.85	5,602.37	-1,064.02	4.71	-4.41	1.66	5,997.48	MWD	Pathfinder
12/15/2014	13,179.00	86.88	358.95	9,081.97	5,733.40	5,634.32	-1,064.43	1.93	0	-1.94	6,029.43	MWD	Pathfinder
12/15/2014	13,210.00	86.97	358.24	9,083.63	5,764.02	5,665.27	-1,065.19	2.31	0.29	-2.29	6,060.39	MWD	Pathfinder
12/15/2014	13,242.00	84.86	357.73	9,085.91	5,795.63	5,697.16	-1,066.31	6.78	-6.59	-1.59	6,092.31	MWD	Pathfinder
12/15/2014	13,273.00	85.56	358.88	9,088.50	5,826.21	5,728.04	-1,067.22	4.33	2.26	3.71	6,123.20	MWD	Pathfinder
12/15/2014	13,305.00	85.12	357.5	9,091.10	5,857.79	5,759.92	-1,068.23	4.51	-1.37	-4.31	6,155.09	MWD	Pathfinder
12/15/2014	13,337.00	85.47	357.8	9,093.72	5,889.40	5,791.78	-1,069.54	1.44	1.09	0.94	6,186.98	MWD	Pathfinder
12/15/2014	13,368.00	84.94	356.77	9,096.31	5,920.05	5,822.64	-1,071.00	3.73	-1.71	-3.32	6,217.87	MWD	Pathfinder
12/15/2014	13,400.00	85.82	356.83	9,098.89	5,951.73	5,854.49	-1,072.78	2.76	2.75	0.19	6,249.77	MWD	Pathfinder
12/15/2014	13,412.00	86.17	357.58	9,099.73	5,963.61	5,866.44	-1,073.37	6.88	2.92	6.25	6,261.74	MWD	Pathfinder
12/15/2014	13,516.00	86.17	357.58	9,106.68	6,066.50	5,970.12	-1,077.75	0	0	0	6,365.51	MWD	Pathfinder

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