

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 Cox 12-31-3-1E				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						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 CRESCENT POINT ENERGY U.S. CORP						7. OPERATOR PHONE 720 880-3621				
8. ADDRESS OF OPERATOR 555 17th Street, Suite 750, Denver, CO, 80202						9. OPERATOR E-MAIL abaldwin@crecidentpointenergy.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Floyd E Cox						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-724-4203				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 780 South State Street ,						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 <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		1654 FSL 1049 FWL		NWSW	31	3.0 S	1.0 E	U		
Top of Uppermost Producing Zone		2035 FSL 673 FWL		NWSW	31	3.0 S	1.0 E	U		
At Total Depth		2035 FSL 673 FWL		NWSW	31	3.0 S	1.0 E	U		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 673			23. NUMBER OF ACRES IN DRILLING UNIT 40				
27. ELEVATION - GROUND LEVEL 4980			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 920			26. PROPOSED DEPTH MD: 8573 TVD: 8531				
			28. BOND NUMBER LPM9080271			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-12534				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	24	16	0 - 40	65.0	H-40 ST&C	8.3	No Used	0	0.0	0.0
Surf	12.25	9.625	0 - 1000	36.0	J-55 ST&C	8.3	Class G	492	1.15	15.8
Prod	7.875	5.5	0 - 8573	17.0	N-80 LT&C	10.0	Light (Hibond)	252	3.66	10.5
							Class G	553	1.65	13.1
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Kristen Johnson			TITLE Regulatory Technician			PHONE 303 308-6270				
SIGNATURE			DATE 10/08/2014			EMAIL kjohnson@crecidentpointenergy.com				
API NUMBER ASSIGNED 43047547970000			APPROVAL  Permit Manager							

Crescent Point Energy U.S. Corp

Cox 12-31-3-1E

SHL & BHL: NW/SW of Section 31, T3S, R1E, USB&M

SHL: 1654' FSL & 1049' FWL

BHL: 2035' FSL & 673' FWL

Uintah County, Utah

DRILLING PLAN1-2. Geologic Surface Formation and Estimated Tops of Important Geologic Markers

Formation	Depth – TVD	Depth-MD
Uinta	Surface	Surface
Upper Green River Marker	4001'	4024'
Mahogany	4259'	4559'
Garden Gulch (TGR3)	5668'	5710'
Douglas Creek	6557'	6599'
Black Shale	7169'	7211'
Castle Peak	7281'	7323'
Uteland	7601'	7643'
Wasatch	7731'	7773'
TD	8531'	8573'

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

Green River Formation (Oil) 4,024' – 7,773'
 Wasatch Formation (Oil) 7,773' – 8,573'

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	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

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	API
Surface casing 9-5/8" Hole Size 12-1/4"	0'	1000'	36	J-55	STC	3,250 405 8.69	2,020 696 2.90	423,000 36,000 11.75	API Load SF
Prod casing 5-1/2" Hole Size 7- 7/8"	0'	8,573'	17	E-80	LTC	7,740 6,200 1.25	6,290 3,800 1.66	348,000 128,000 2.72	API Load SF

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 one (1) centralizer per joint on the bottom three joints.

Cementing Design:

Job	Fill	Description	Excess	Sacks	Weight (ppg)	Yield (ft ³ /sk)
Surface casing	1000' - surface	Class V 2% chlorides	75%	492	15.8	1.15
Prod casing Lead	4024' to Surface	Hifill Class V 3% chlorides	25% in open-hole, 0% in cased hole	252	10.5	3.66
Prod casing Tail	TD to 4024'	Class G 10% chlorides	15%	553	13.1	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 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 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 the DOGM within 30 days after the work is completed. This report must include the following information:

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 $\pm 1000'$ 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 $\pm 1000'$ 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.

Crescent Point 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
- 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 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 Gamma Ray log from TD to base of surface casing @ +/- 1100'. A cement bond log will be run from PBTD to top of cement. No drill stem testing or coring is planned for this well.

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.

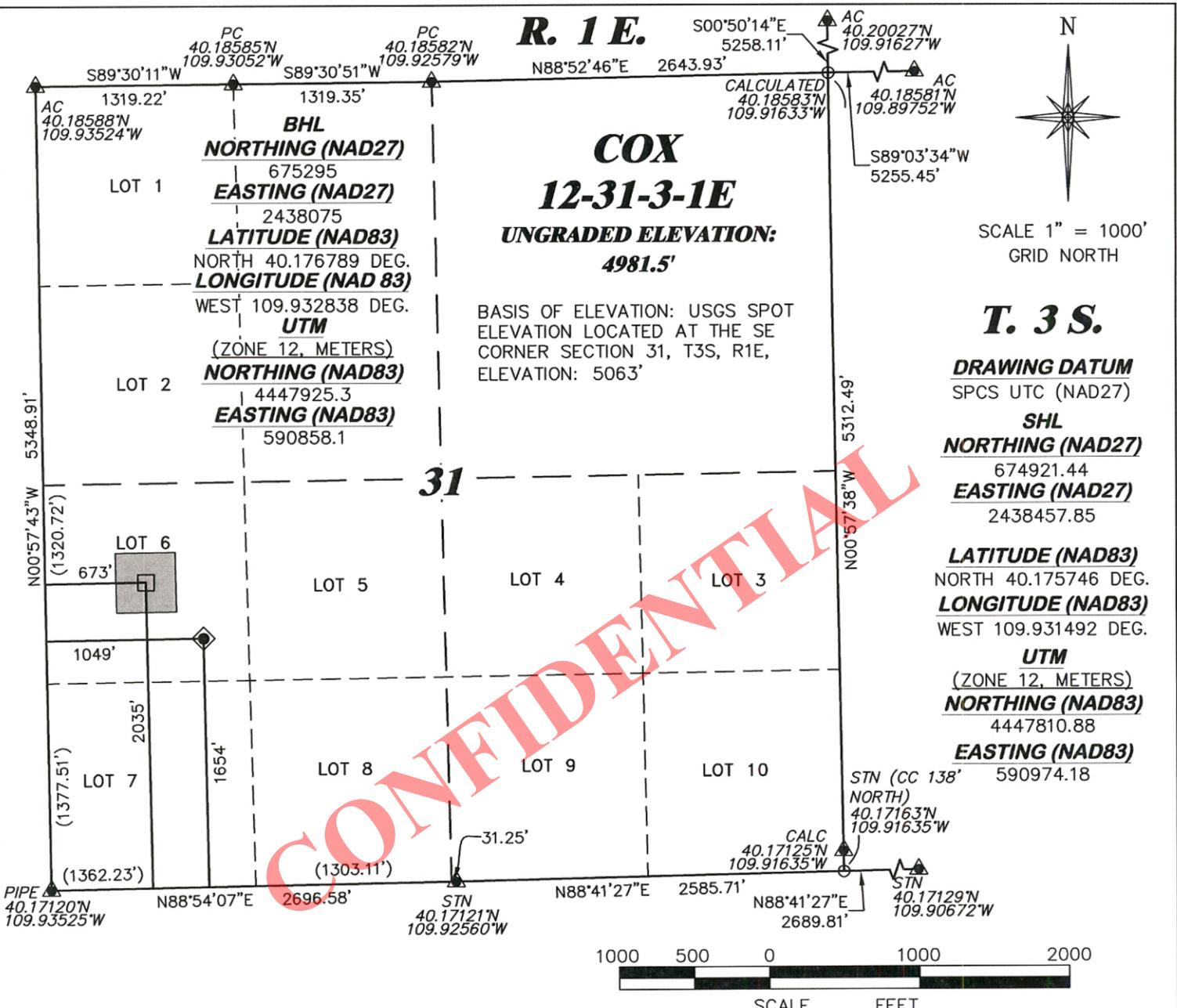
11. Anticipated Starting Date and Duration of Operations

It is anticipated that drilling operations will commence as soon as possible following permit approval and will take approximately ten (10) days from spud to rig release and two weeks for completions.

12. Variations 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 an Formation Integrity Test (FIT) or a Leak Off Test (LOT)

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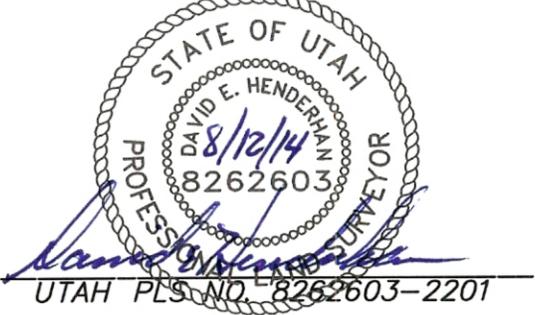


SURVEYOR'S STATEMENT

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 THE 7th DAY OF JANUARY, 2014 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF COX 12-31-3-1E AS STAKED ON THE GROUND.

LEGEND

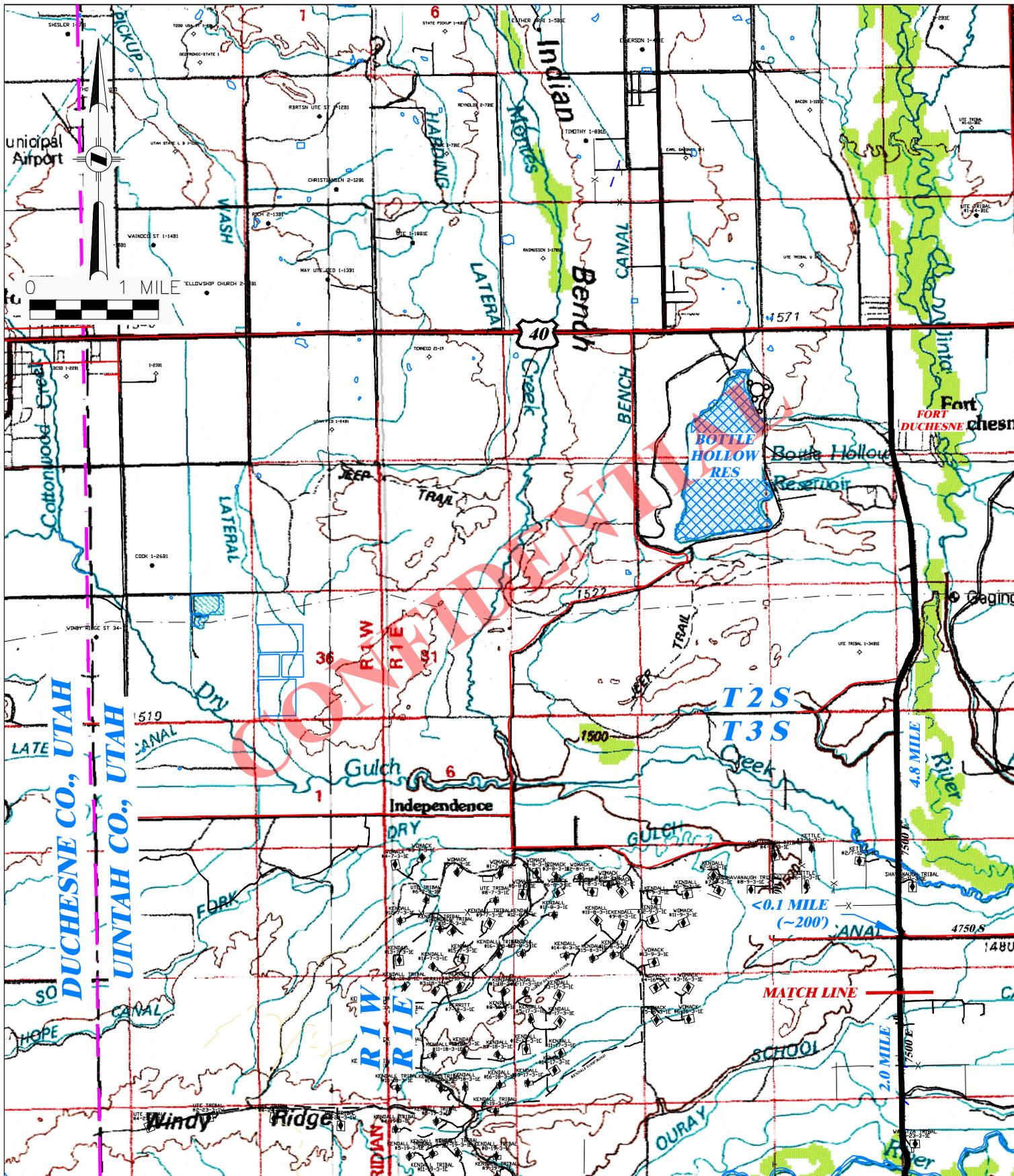
- ◆ WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- CALCULATED CORNER
- ▲ PREVIOUSLY FOUND MONUMENT (LAT/LONG VALUES ARE NAD83)
- 400'x400' DRILLING WINDOW



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

DRAWN: 8/11/2014 - TCM	SCALE: 1" = 1000'
REVISED: N/A -.	DRG JOB No. 20154
	EXHIBIT 1

**PLAT OF DRILLING LOCATION IN
 LOT 6, SECTION 31, FOR
 CRESCENT POINT ENERGY**
**1654' F/SL, & 1049' F/WL, SECTION 31,
 T. 3 S., R. 1 E., U.S.M.,
 Uintah County, Utah**

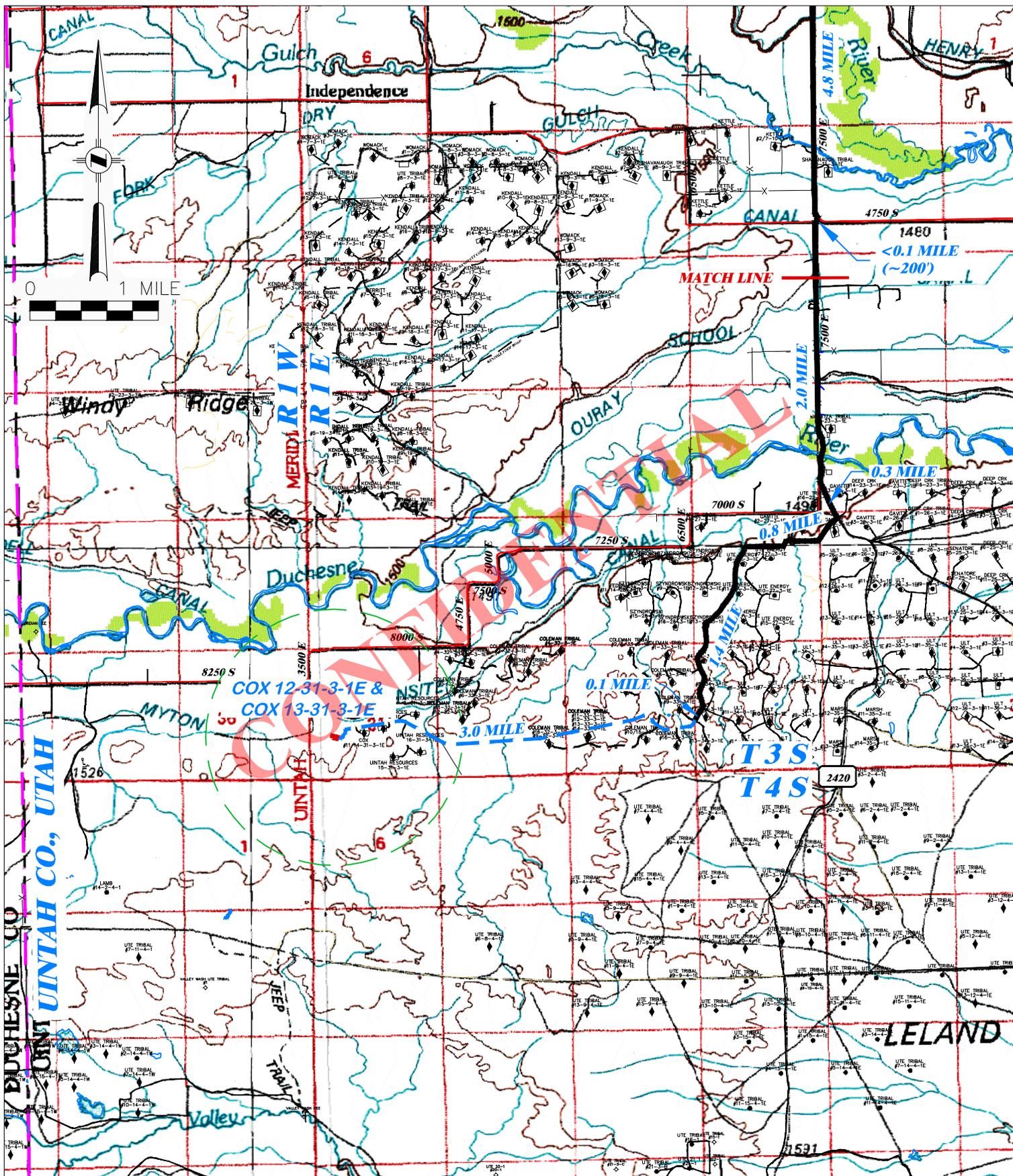


DRG RIFFIN & ASSOCIATES, INC.
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

**PROPOSED ACCESS FOR
 CRESCENT POINT ENERGY
 COX 12-31-3-1E & COX 13-31-3-1E
 SECTION 31, T.3 S., R.1 E.**

DRAWN: 8/11/2014 - TCM	SCALE: 1" = 1 MILE
REVISED: N/A -	DRG JOB No. 20154
TOPO A - 1 OF 2	

PROPOSED ROAD EXISTING ROAD

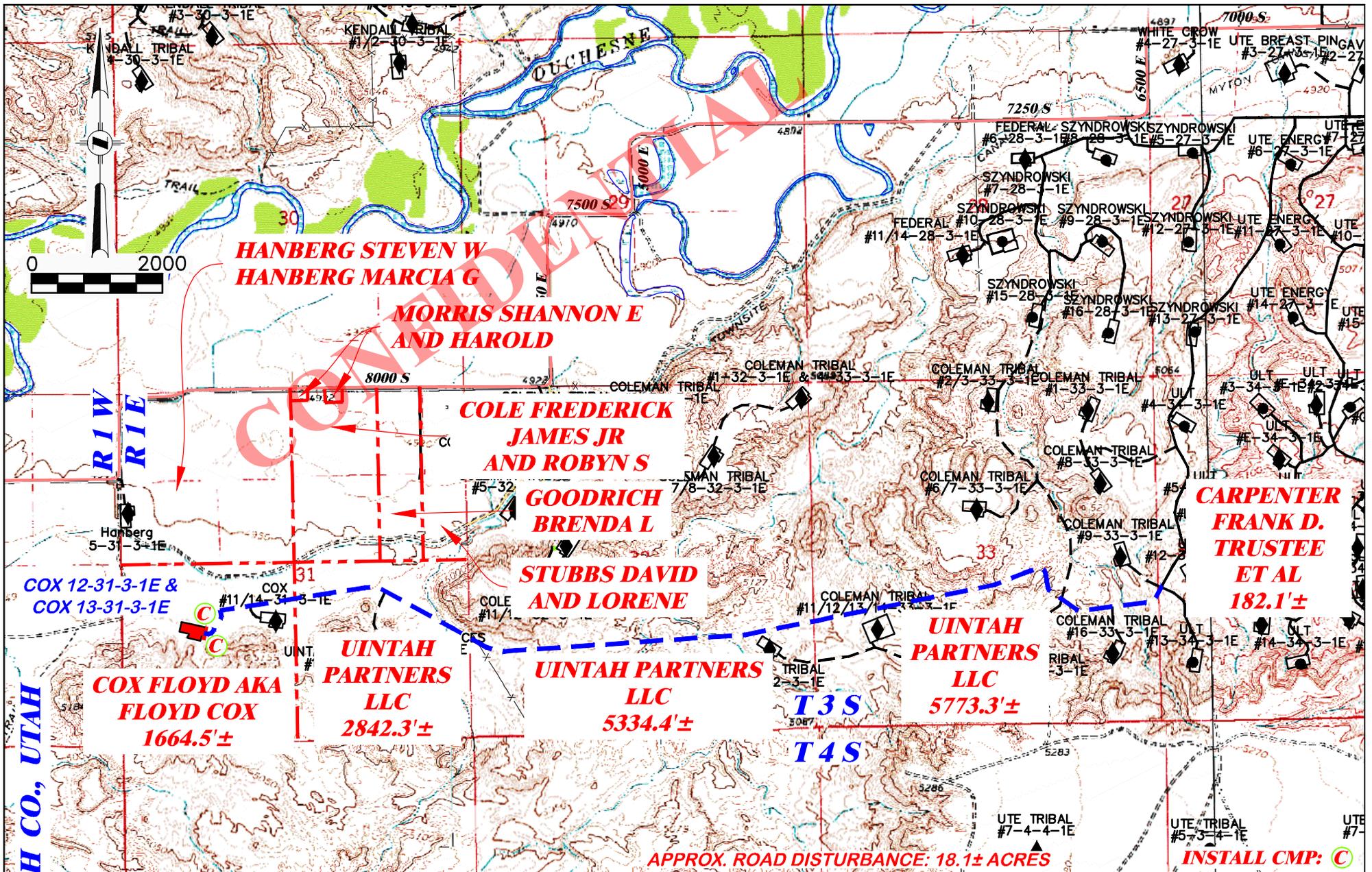


DRG RIFFIN & ASSOCIATES, INC.
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 8/11/2014 - TCM	SCALE: 1" = 1 MILE
REVISED: 9/3/2014 - TCM	DRG JOB No. 20154
REVISED ROAD	TOPO A - 2 OF 2

**PROPOSED ACCESS FOR
 CRESCENT POINT ENERGY
 COX 12-31-3-1E & COX 13-31-3-1E
 SECTION 31, T.3 S., R.1 E.**

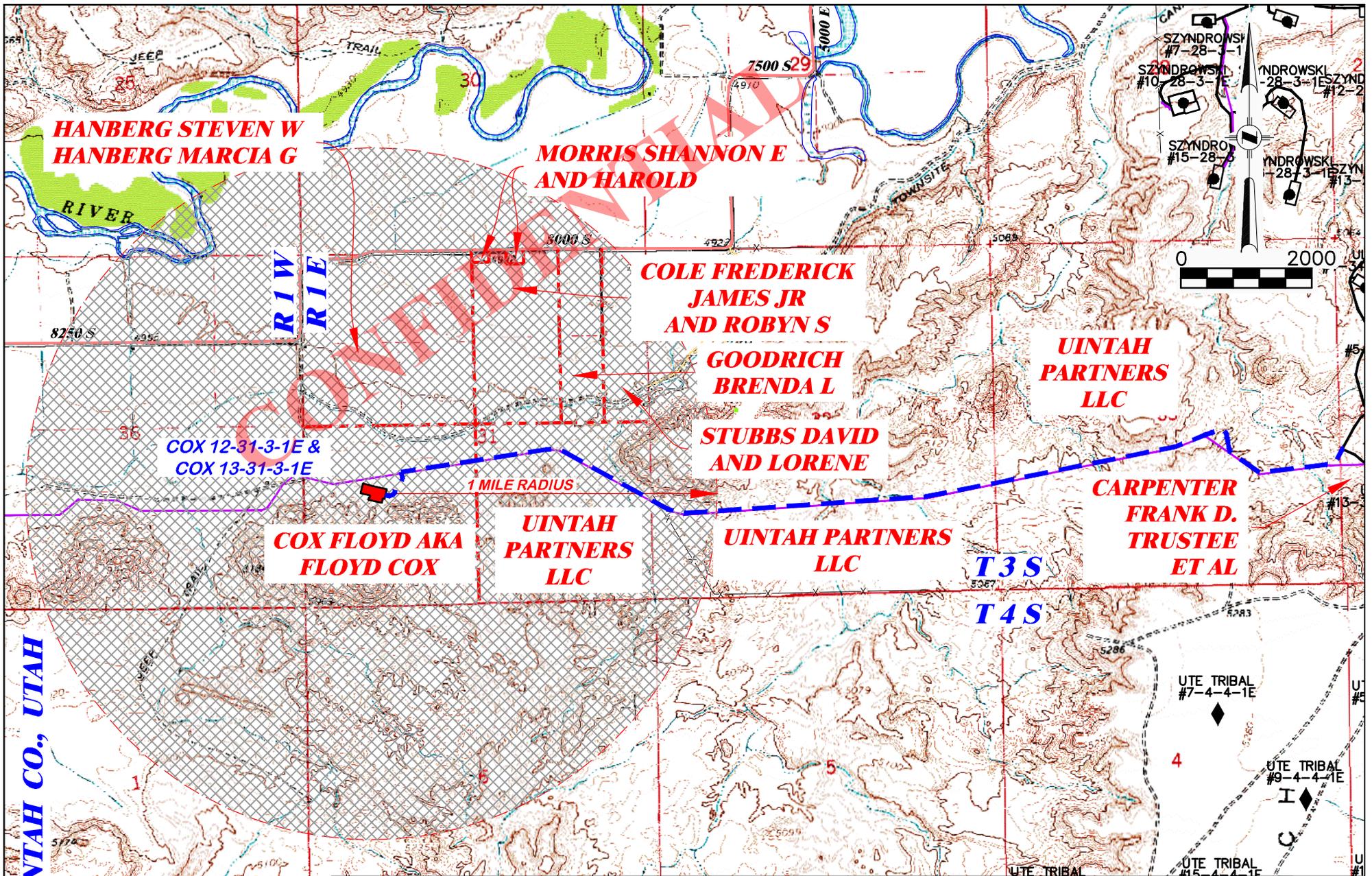
PROPOSED ROAD	EXISTING ROAD
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UINTAH CO., UTAH

QUADRANGLE
WINDY RIDGE
RANDLETT

 DRG RIFFIN & ASSOCIATES, INC. (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901		<p style="text-align: center;">PROPOSED ROAD FOR CRESENT POINT ENERGY COX 12-31-3-1E & COX 13-31-3-1E SECTION 31, T.3 S., R.1 E.</p> <p style="text-align: center;">TOTAL PROPOSED LENGTH: 15,796.6'±</p>	
APPROX. ROAD DISTURBANCE: 18.1± ACRES		INSTALL CMP: 	
PROPOSED ROAD 		EXISTING ROAD 	



UINTAH CO., UTAH

**HANBERG STEVEN W
HANBERG MARCIA G**

**MORRIS SHANNON E
AND HAROLD**

**COLE FREDERICK
JAMES JR
AND ROBYN S**

**GOODRICH
BRENDA L**

**STUBBS DAVID
AND LORENE**

**UINTAH
PARTNERS
LLC**

**COX 12-31-3-1E &
COX 13-31-3-1E**

**COX FLOYD AKA
FLOYD COX**

**UINTAH
PARTNERS
LLC**

**UINTAH PARTNERS
LLC**

**CARPENTER
FRANK D.
TRUSTEE
ET AL**

1 MILE RADIUS

**T 3 S
T 4 S**

UTE TRIBAL
#7-4-4-1E

UTE TRIBAL
#9-4-4-1E

UTE TRIBAL
#15-4-4-1E



DRG RIFFIN & ASSOCIATES, INC.
1414 ELK ST., ROCK SPRINGS, WY 82901

(307) 362-5028

DRAWN: 8/11/2014 - TCM

SCALE: 1" = 2000'

REVISED: 9/3/2014 - TCM

DRG JOB No. 20154

REVISED ROAD

TOPO C

**ONE MILE RADIUS FOR
CRESCENT POINT ENERGY
COX 12-31-3-1E & COX 13-31-3-1E
SECTION 31, T.3 S., R.1 E.**

PROPOSED ROAD

EXISTING ROAD

**QUADRANGLE
WINDY RIDGE
RANDLETT**



Crescent Point Energy

Unitah County
SECTION 31 T3S, R1E
Cox 12-31-3-1E
Wellbore #1

Plan: Design #1

Crescent Point Energy

08 September, 2014

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Payzone Directional
Crescent Point Energy



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well Cox 12-31-3-1E
Project:	Unitah County	TVD Reference:	Cox 12-31-3-1E @ 4998.6usft (EST KB)
Site:	SECTION 31 T3S, R1E	MD Reference:	Cox 12-31-3-1E @ 4998.6usft (EST KB)
Well:	Cox 12-31-3-1E	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 31 T3S, R1E		
Site Position:		Northing:	7,238,393.01 usft
From:	Lat/Long	Easting:	2,077,713.25 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	40.180759000
		Longitude:	-109.934791000
		Grid Convergence:	1.00 °

Well	Cox 12-31-3-1E, SHL LAT: 40.175746 LONG: -109.931492			
Well Position	+N/-S	0.0 usft	Northing:	7,236,583.36 usft
	+E/-W	0.0 usft	Easting:	2,078,666.87 usft
Position Uncertainty		0.0 usft	Wellhead Elevation:	4,998.6 usft
			Latitude:	40.175745966
			Longitude:	-109.931492000
			Ground Level:	4,980.6 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/8/2014	10.86	65.85	52,044

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	315.29

Survey Tool Program	Date	9/8/2014		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	8,573.3	Design #1 (Wellbore #1)	MWD	MWD - Standard



Payzone Directional
Crescent Point Energy



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well Cox 12-31-3-1E
Project:	Unitah County	TVD Reference:	Cox 12-31-3-1E @ 4998.6usft (EST KB)
Site:	SECTION 31 T3S, R1E	MD Reference:	Cox 12-31-3-1E @ 4998.6usft (EST KB)
Well:	Cox 12-31-3-1E	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	-4,998.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
100.0	0.00	0.00	100.0	-4,898.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
200.0	0.00	0.00	200.0	-4,798.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
300.0	0.00	0.00	300.0	-4,698.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
400.0	0.00	0.00	400.0	-4,598.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
500.0	0.00	0.00	500.0	-4,498.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
600.0	0.00	0.00	600.0	-4,398.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
700.0	0.00	0.00	700.0	-4,298.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
800.0	0.00	0.00	800.0	-4,198.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
900.0	0.00	0.00	900.0	-4,098.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
1,000.0	0.00	0.00	1,000.0	-3,998.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
1,100.0	0.00	0.00	1,100.0	-3,898.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
1,200.0	0.00	0.00	1,200.0	-3,798.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
1,300.0	0.00	0.00	1,300.0	-3,698.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
1,400.0	0.00	0.00	1,400.0	-3,598.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
1,500.0	0.00	0.00	1,500.0	-3,498.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
1,600.0	0.00	0.00	1,600.0	-3,398.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
1,700.0	0.00	0.00	1,700.0	-3,298.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
1,800.0	0.00	0.00	1,800.0	-3,198.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
1,900.0	0.00	0.00	1,900.0	-3,098.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
2,000.0	0.00	0.00	2,000.0	-2,998.6	0.0	0.0	0.0	0.00	7,236,583.36	2,078,666.87
Start Build 2.00										
2,100.0	2.00	315.29	2,100.0	-2,898.6	1.2	-1.2	1.7	2.00	7,236,584.58	2,078,665.62
2,200.0	4.00	315.29	2,199.8	-2,798.8	5.0	-4.9	7.0	2.00	7,236,588.23	2,078,661.87
2,300.0	6.00	315.29	2,299.5	-2,699.1	11.2	-11.0	15.7	2.00	7,236,594.31	2,078,655.63
2,400.0	8.00	315.29	2,398.7	-2,599.9	19.8	-19.6	27.9	2.00	7,236,602.82	2,078,646.91



Payzone Directional
Crescent Point Energy



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well Cox 12-31-3-1E
Project:	Unitah County	TVD Reference:	Cox 12-31-3-1E @ 4998.6usft (EST KB)
Site:	SECTION 31 T3S, R1E	MD Reference:	Cox 12-31-3-1E @ 4998.6usft (EST KB)
Well:	Cox 12-31-3-1E	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)
2,475.5	9.51	315.29	2,473.3	-2,525.3	28.0	-27.7	39.4	2.00	7,236,610.84	2,078,638.69
Start 2759.3 hold at 2475.5 MD										
2,500.0	9.51	315.29	2,497.5	-2,501.1	30.9	-30.5	43.4	0.00	7,236,613.67	2,078,635.79
2,600.0	9.51	315.29	2,596.1	-2,402.5	42.6	-42.2	59.9	0.00	7,236,625.21	2,078,623.96
2,700.0	9.51	315.29	2,694.7	-2,303.9	54.3	-53.8	76.5	0.00	7,236,636.75	2,078,612.13
2,800.0	9.51	315.29	2,793.4	-2,205.2	66.1	-65.4	93.0	0.00	7,236,648.28	2,078,600.31
2,900.0	9.51	315.29	2,892.0	-2,106.6	77.8	-77.0	109.5	0.00	7,236,659.82	2,078,588.48
3,000.0	9.51	315.29	2,990.6	-2,008.0	89.6	-88.7	126.0	0.00	7,236,671.35	2,078,576.65
3,100.0	9.51	315.29	3,089.2	-1,909.4	101.3	-100.3	142.5	0.00	7,236,682.89	2,078,564.83
3,200.0	9.51	315.29	3,187.9	-1,810.7	113.0	-111.9	159.1	0.00	7,236,694.43	2,078,553.00
3,300.0	9.51	315.29	3,286.5	-1,712.1	124.8	-123.5	175.6	0.00	7,236,705.96	2,078,541.17
3,400.0	9.51	315.29	3,385.1	-1,613.5	136.5	-135.1	192.1	0.00	7,236,717.50	2,078,529.35
3,500.0	9.51	315.29	3,483.7	-1,514.9	148.3	-146.8	208.6	0.00	7,236,729.03	2,078,517.52
3,600.0	9.51	315.29	3,582.4	-1,416.2	160.0	-158.4	225.2	0.00	7,236,740.57	2,078,505.69
3,700.0	9.51	315.29	3,681.0	-1,317.6	171.8	-170.0	241.7	0.00	7,236,752.10	2,078,493.87
3,800.0	9.51	315.29	3,779.6	-1,219.0	183.5	-181.6	258.2	0.00	7,236,763.64	2,078,482.04
3,900.0	9.51	315.29	3,878.2	-1,120.4	195.2	-193.3	274.7	0.00	7,236,775.18	2,078,470.21
4,000.0	9.51	315.29	3,976.9	-1,021.7	207.0	-204.9	291.2	0.00	7,236,786.71	2,078,458.39
4,024.5	9.51	315.29	4,001.0	-997.6	209.9	-207.7	295.3	0.00	7,236,789.53	2,078,455.49
Up. Green River										
4,100.0	9.51	315.29	4,075.5	-923.1	218.7	-216.5	307.8	0.00	7,236,798.25	2,078,446.56
4,200.0	9.51	315.29	4,174.1	-824.5	230.5	-228.1	324.3	0.00	7,236,809.78	2,078,434.73
4,300.0	9.51	315.29	4,272.7	-725.9	242.2	-239.8	340.8	0.00	7,236,821.32	2,078,422.91
4,400.0	9.51	315.29	4,371.4	-627.2	253.9	-251.4	357.3	0.00	7,236,832.86	2,078,411.08
4,500.0	9.51	315.29	4,470.0	-528.6	265.7	-263.0	373.8	0.00	7,236,844.39	2,078,399.25
4,559.8	9.51	315.29	4,529.0	-469.6	272.7	-269.9	383.7	0.00	7,236,851.29	2,078,392.18
Mahogany										
4,600.0	9.51	315.29	4,568.6	-430.0	277.4	-274.6	390.4	0.00	7,236,855.93	2,078,387.43



Payzone Directional
Crescent Point Energy



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well Cox 12-31-3-1E
Project:	Unitah County	TVD Reference:	Cox 12-31-3-1E @ 4998.6usft (EST KB)
Site:	SECTION 31 T3S, R1E	MD Reference:	Cox 12-31-3-1E @ 4998.6usft (EST KB)
Well:	Cox 12-31-3-1E	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)
4,700.0	9.51	315.29	4,667.3	-331.3	289.2	-286.2	406.9	0.00	7,236,867.46	2,078,375.60
4,800.0	9.51	315.29	4,765.9	-232.7	300.9	-297.9	423.4	0.00	7,236,879.00	2,078,363.77
4,900.0	9.51	315.29	4,864.5	-134.1	312.7	-309.5	439.9	0.00	7,236,890.53	2,078,351.95
5,000.0	9.51	315.29	4,963.1	-35.5	324.4	-321.1	456.4	0.00	7,236,902.07	2,078,340.12
5,100.0	9.51	315.29	5,061.8	63.2	336.1	-332.7	473.0	0.00	7,236,913.61	2,078,328.29
5,200.0	9.51	315.29	5,160.4	161.8	347.9	-344.4	489.5	0.00	7,236,925.14	2,078,316.47
5,234.8	9.51	315.29	5,194.7	196.1	352.0	-348.4	495.2	0.00	7,236,929.16	2,078,312.35
Start Drop -2.00										
5,300.0	8.21	315.29	5,259.1	260.5	359.1	-355.5	505.3	2.00	7,236,936.17	2,078,305.16
5,400.0	6.21	315.29	5,358.3	359.7	368.0	-364.3	517.8	2.00	7,236,944.92	2,078,296.19
5,500.0	4.21	315.29	5,457.9	459.3	374.5	-370.7	526.9	2.00	7,236,951.26	2,078,289.69
5,600.0	2.21	315.29	5,557.7	559.1	378.4	-374.6	532.5	2.00	7,236,955.16	2,078,285.69
5,700.0	0.21	315.29	5,657.7	659.1	379.9	-376.1	534.6	2.00	7,236,956.63	2,078,284.18
5,710.3	0.00	0.00	5,668.0	669.4	379.9	-376.1	534.6	2.00	7,236,956.64	2,078,284.17
Start 2863.0 hold at 5710.3 MD - G. Gulch (TGR3) - 12-31-3-1E TGT										
5,800.0	0.00	0.00	5,757.7	759.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
5,900.0	0.00	0.00	5,857.7	859.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
6,000.0	0.00	0.00	5,957.7	959.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
6,100.0	0.00	0.00	6,057.7	1,059.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
6,200.0	0.00	0.00	6,157.7	1,159.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
6,300.0	0.00	0.00	6,257.7	1,259.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
6,400.0	0.00	0.00	6,357.7	1,359.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
6,500.0	0.00	0.00	6,457.7	1,459.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
6,599.3	0.00	0.00	6,557.0	1,558.4	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
Douglas Creek										
6,600.0	0.00	0.00	6,557.7	1,559.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
6,700.0	0.00	0.00	6,657.7	1,659.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
6,800.0	0.00	0.00	6,757.7	1,759.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17



Payzone Directional
Crescent Point Energy



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well Cox 12-31-3-1E
Project:	Unitah County	TVD Reference:	Cox 12-31-3-1E @ 4998.6usft (EST KB)
Site:	SECTION 31 T3S, R1E	MD Reference:	Cox 12-31-3-1E @ 4998.6usft (EST KB)
Well:	Cox 12-31-3-1E	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)
6,900.0	0.00	0.00	6,857.7	1,859.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
7,000.0	0.00	0.00	6,957.7	1,959.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
7,100.0	0.00	0.00	7,057.7	2,059.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
7,200.0	0.00	0.00	7,157.7	2,159.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
7,211.3	0.00	0.00	7,169.0	2,170.4	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
Black Shale										
7,300.0	0.00	0.00	7,257.7	2,259.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
7,323.3	0.00	0.00	7,281.0	2,282.4	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
Castle Peak										
7,400.0	0.00	0.00	7,357.7	2,359.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
7,500.0	0.00	0.00	7,457.7	2,459.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
7,600.0	0.00	0.00	7,557.7	2,559.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
7,643.3	0.00	0.00	7,601.0	2,602.4	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
Uteland										
7,700.0	0.00	0.00	7,657.7	2,659.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
7,773.3	0.00	0.00	7,731.0	2,732.4	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
Wasatch										
7,800.0	0.00	0.00	7,757.7	2,759.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
7,900.0	0.00	0.00	7,857.7	2,859.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
8,000.0	0.00	0.00	7,957.7	2,959.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
8,100.0	0.00	0.00	8,057.7	3,059.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
8,200.0	0.00	0.00	8,157.7	3,159.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
8,300.0	0.00	0.00	8,257.7	3,259.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
8,400.0	0.00	0.00	8,357.7	3,359.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
8,500.0	0.00	0.00	8,457.7	3,459.1	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
8,573.3	0.00	0.00	8,531.0	3,532.4	379.9	-376.1	534.6	0.00	7,236,956.64	2,078,284.17
TD at 8573.3										



Payzone Directional
Crescent Point Energy



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well Cox 12-31-3-1E
Project:	Unitah County	TVD Reference:	Cox 12-31-3-1E @ 4998.6usft (EST KB)
Site:	SECTION 31 T3S, R1E	MD Reference:	Cox 12-31-3-1E @ 4998.6usft (EST KB)
Well:	Cox 12-31-3-1E	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #1	Database:	MasterDB

Formations					
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
6,599.3	6,557.0	Douglas Creek		0.00	
7,773.3	7,731.0	Wasatch		0.00	
5,710.3	5,668.0	G. Gulch (TGR3)		0.00	
7,643.3	7,601.0	Uteland		0.00	
4,559.8	4,529.0	Mahogany		0.00	
7,211.3	7,169.0	Black Shale		0.00	
7,323.3	7,281.0	Castle Peak		0.00	
4,024.5	4,001.0	Up. Green River		0.00	

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
2,000.0	2,000.0	0.0	0.0	Start Build 2.00	
2,475.5	2,473.3	28.0	-27.7	Start 2759.3 hold at 2475.5 MD	
5,234.8	5,194.7	352.0	-348.4	Start Drop -2.00	
5,710.3	5,668.0	379.9	-376.1	Start 2863.0 hold at 5710.3 MD	
8,573.3	8,531.0	379.9	-376.1	TD at 8573.3	

Checked By: _____ Approved By: _____ Date: _____



Well Name: Cox 12-31-3-1E
 Surface Location: SECTION 31 T3S, R1E
 North American Datum 1983 US State Plane 1983 Utah Central Zone
 Ground Elevation: 4980.6
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 7236583.36 2078666.87 40.175745966 -109.931492000
 EST KB Cox 12-31-3-1E @ 4998.6usft (EST KB)



Azimuths to True North
 Magnetic North: 10.86°
 Magnetic Field
 Strength: 52044.0snT
 Dip Angle: 65.85°
 Date: 9/8/2014
 Model: IGRF2010

SECTION 31 T3S, R1E
 Cox 12-31-3-1E
 Design #1
 12:31, September 08 2014

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
12-31-3-1E TGT	5668.0	379.9	-376.1	7236956.64	2078284.17	40.176788989	-109.932838000	Rectangle (Sides: L400.0 W400.0)

ANNOTATIONS

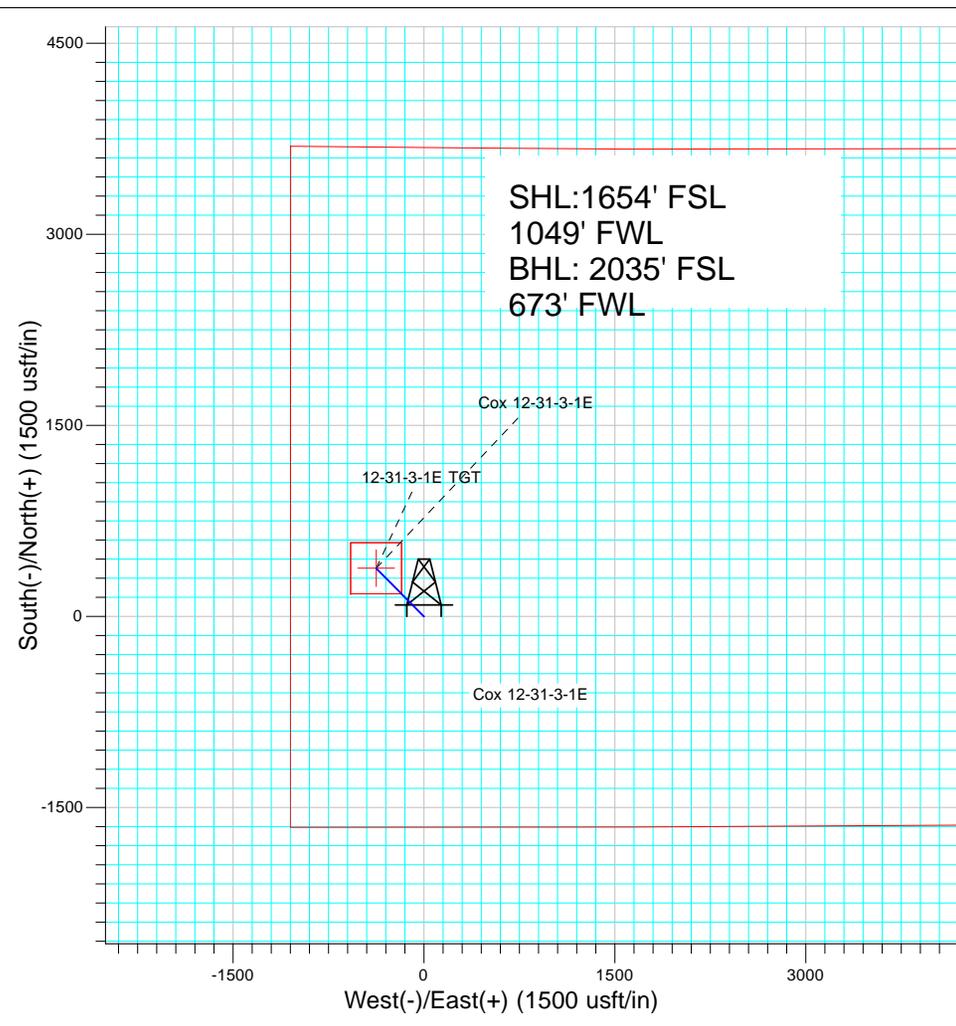
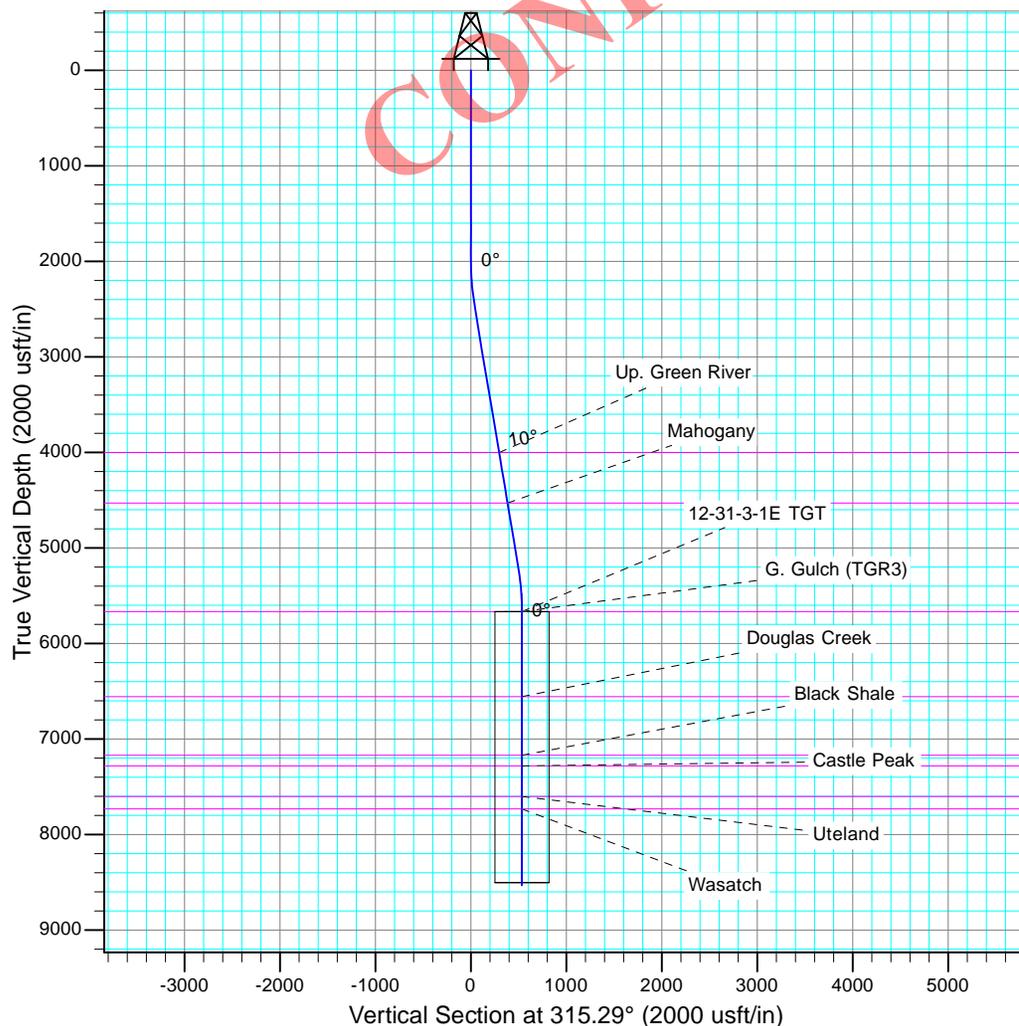
TVD	MD	Annotation
2000.0	2000.0	Start Build 2.00
2473.3	2475.5	Start 2759.3 hold at 2475.5 MD
5194.7	5234.8	Start Drop -2.00
5668.0	5710.3	Start 2863.0 hold at 5710.3 MD
8531.0	8573.3	TD at 8573.3

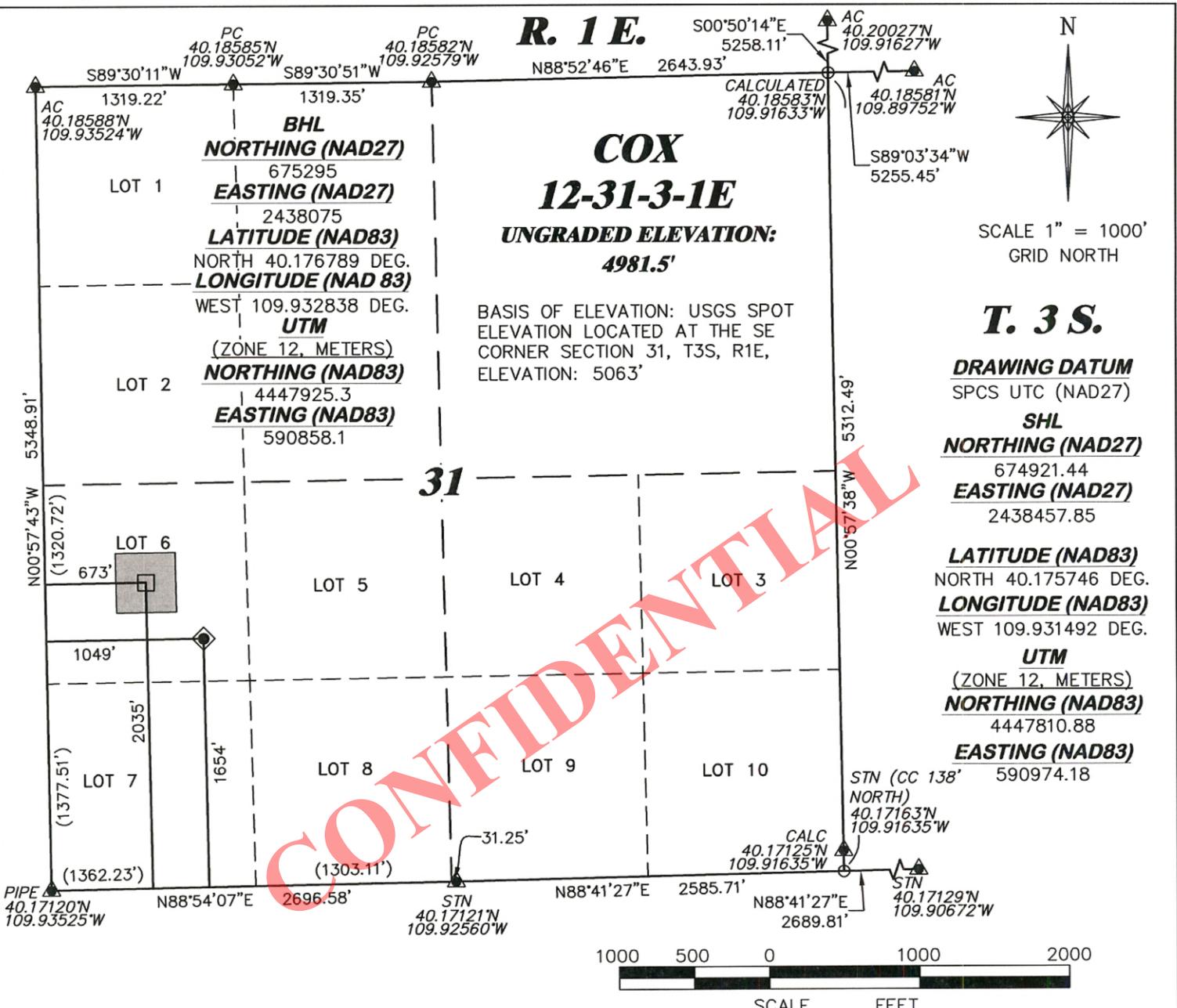
SECTION DETAILS

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	2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0	
3	2475.5	9.51	315.29	2473.3	28.0	-27.7	2.00	315.29	39.4	
4	5234.8	9.51	315.29	5194.7	352.0	-348.4	0.00	0.00	495.2	
5	5710.3	0.00	0.00	5668.0	379.9	-376.1	2.00	180.00	534.6	12-31-3-1E TGT
6	8573.3	0.00	0.00	8531.0	379.9	-376.1	0.00	0.00	534.6	

FORMATION TOP DETAILS

TVDPth	MDPth	Formation	DipAngle	DipDir
4001.0	4024.5	Up. Green River	0.00	
4529.0	4559.8	Mahogany	0.00	
5668.0	5710.3	G. Gulch (TGR3)	0.00	
6557.0	6599.3	Douglas Creek	0.00	
7169.0	7211.3	Black Shale	0.00	
7281.0	7323.3	Castle Peak	0.00	
7601.0	7643.3	Uteland	0.00	
7731.0	7773.3	Wasatch	0.00	





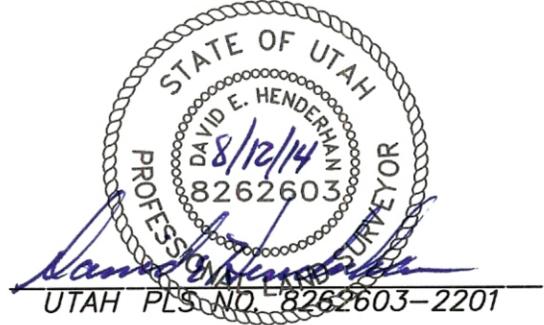
SURVEYOR'S STATEMENT

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 THE 7th DAY OF JANUARY, 2014 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF COX 12-31-3-1E AS STAKED ON THE GROUND.

LEGEND

- ◆ WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- CALCULATED CORNER
- ▲ PREVIOUSLY FOUND MONUMENT (LAT/LONG VALUES ARE NAD83)

400'x400' DRILLING WINDOW



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

DRAWN: 8/11/2014 - TCM	SCALE: 1" = 1000'
REVISED: N/A - -	DRG JOB No. 20154
	EXHIBIT 1

PLAT OF DRILLING LOCATION IN LOT 6, SECTION 31, FOR CRESCENT POINT ENERGY
1654' F/SL, & 1049' F/WL, SECTION 31, T.3 S., R. 1 E., U.S.M., UINTAH COUNTY, UTAH

MEMORANDUM of SURFACE USE AGREEMENT AND GRANT OF EASEMENTS

THIS MEMORANDUM is executed by Anthony Baldwin as Manager, Land & Business Development for Crescent Point Energy U.S. Corp., authorized to do business in Utah, whose address is 555 17th St, Suite 1800, Denver, CO 80202 (hereinafter referred to as "Crescent Point" or "Operator").

WHEREAS, that certain Surface Use Agreement and Grant of Easements (the "Agreement") dated effective July 16th, 2013, has been entered into between Floyd E. Cox, whose address is 780 South State Street, Roosevelt, UT 84066, and Crescent Point.

WHEREAS, pursuant to the Agreement, Operator is granted a non-exclusive access easement(s) for ingress and egress as needed to conduct oil and gas operations, and Operator is granted a non-exclusive pipeline easement(s), along with related appurtenances including pigging facilities, for the transportation of oil, gas, petroleum products, water, and any other substances recovered during oil and gas production.

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, UINTAH SPECIAL MERIDIAN
Section 31: Lots 5,6,7 and 8 (ADA SW4)

15-031-0012

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. Crescent Point, 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.

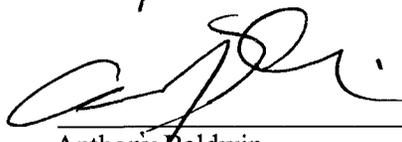
WHEREAS, Operator has the right to a non-exclusive pipeline easement to construct, maintain, inspect, operate and repair a pipeline or pipelines, pigging facilities and related appurtenances for the transportation of oil, gas, petroleum products, water and any other substances recovered during oil and 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 though 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 5th day of September, 2013



Anthony Baldwin
Manager, Land & Business Development

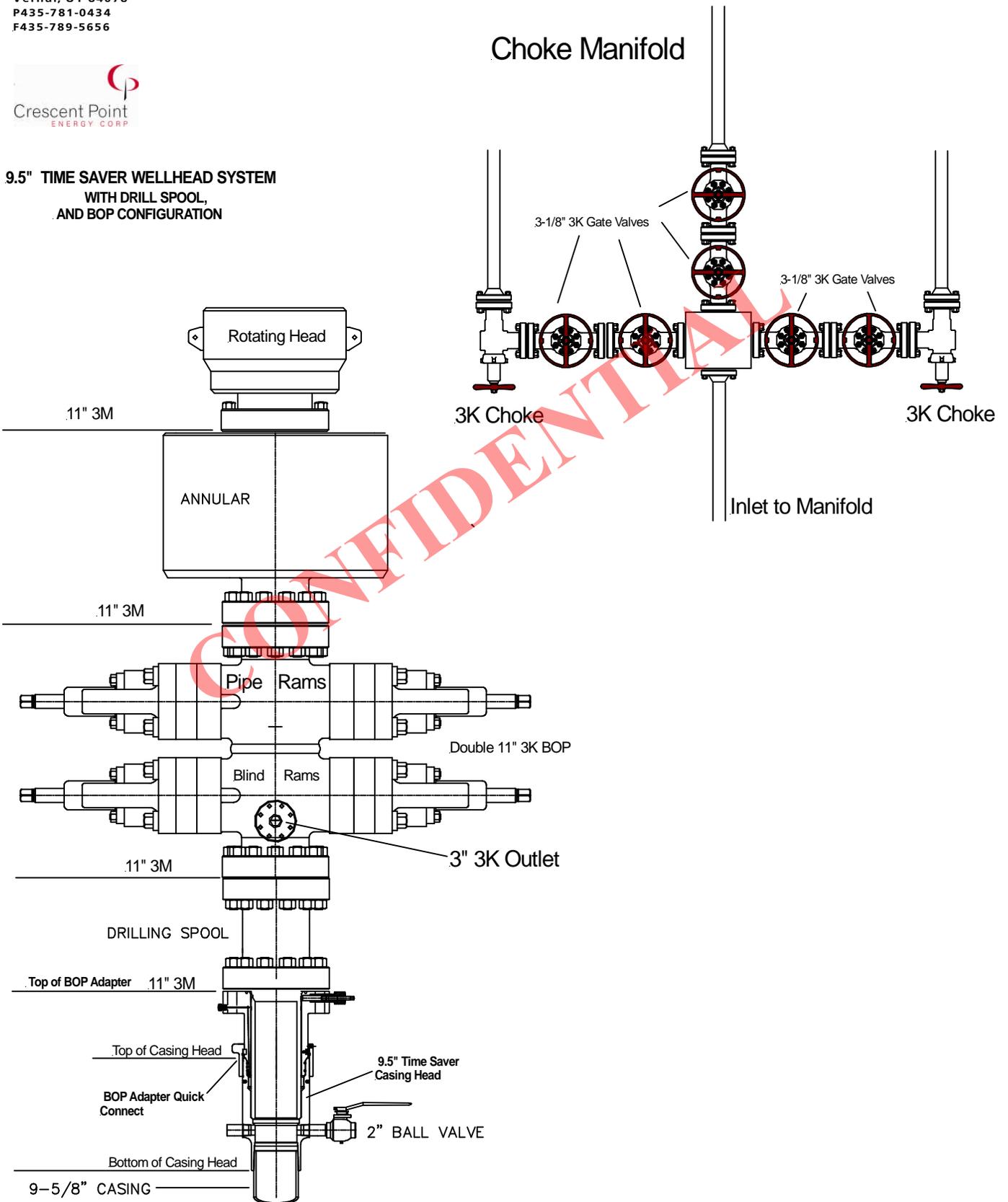


519 E. 300 S.
Vernal, UT 84078
P435-781-0434
F435-789-5656

Oct, 18, 2013



**9.5" TIME SAVER WELLHEAD SYSTEM
WITH DRILL SPOOL,
AND BOP CONFIGURATION**



October 8, 2014

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
P O Box 145801
Salt Lake City, UT 84114

**RE: Cox 12-31-3-1E
Township 3 South, Range 1 East, USM
Section 31: NW/4SW/4
Uintah County, Utah**

Dear Mr. Hill:

Due to topography, the surface location of Crescent Point Energy U.S. Corp's ("Crescent Point") captioned well falls outside the legal drilling window as required by the State of Utah's default well siting rule R649-3-2. In accordance with R649-3-11, Crescent Point intends to drill the well directionally from a surface location of 1654' FSL & 1049' FWL to a legal bottom hole location. The well will only be perforated and produced from the portion of the wellbore that falls within the legal 400' square window located in the NWSW of Section 31, T3S-R1E.

Crescent Point has attempted to elicit consent from 100% of the WI and Unleased owners within a 460' radius along all points of the wellbore. Crescent Point has received consent from the vast majority, but is still missing a minority WI owner's consent due to title issues with their leasehold. All WI and Unleased owners have been notified and none have objected to the permitting or drilling of the well. Due to Crescent Point's cement, casing design, and completion plans, as well as the target bottom hole location within the legal drilling window, Crescent Point believes all owners correlative rights are being protected.

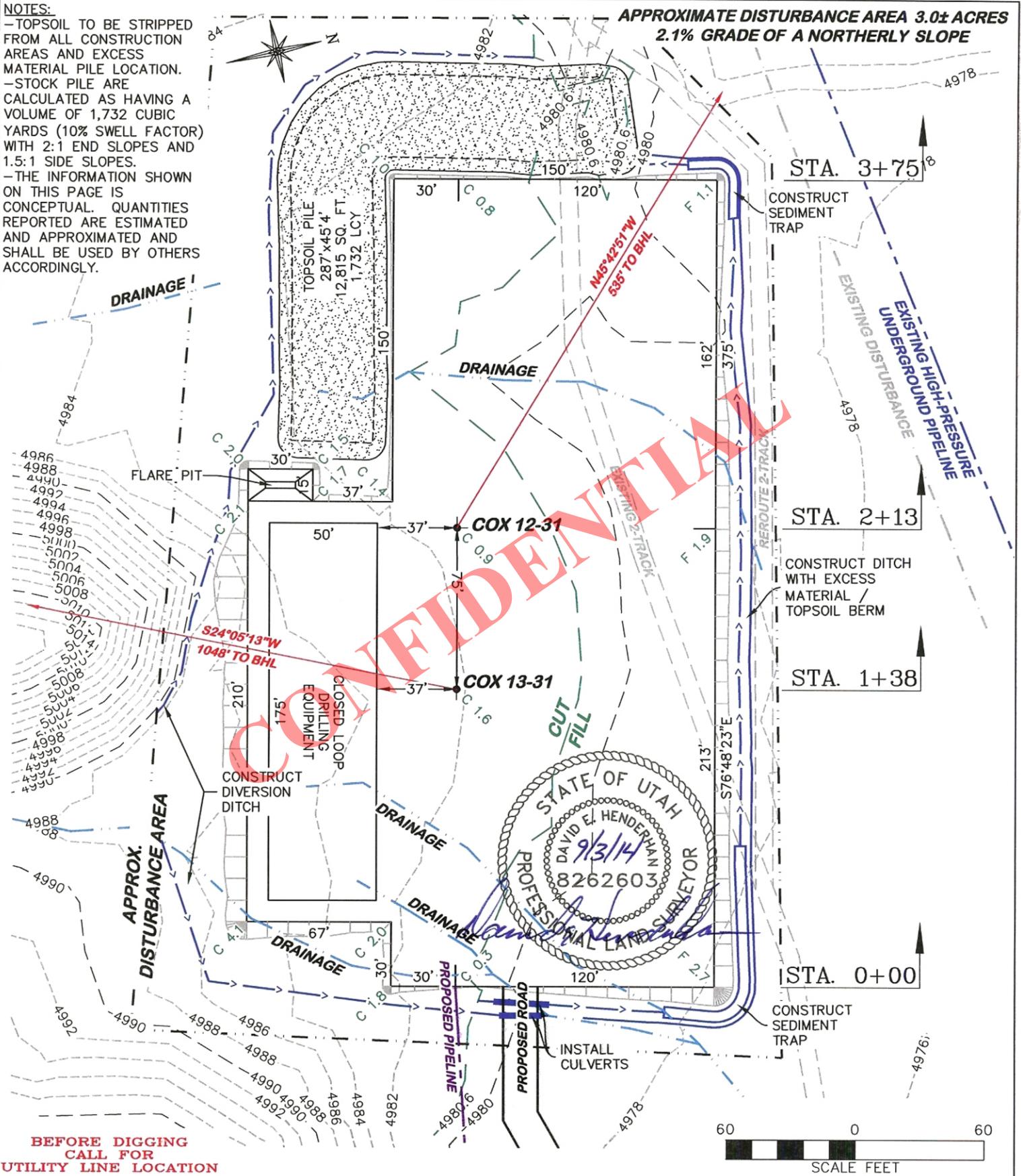
Due to these circumstances, Crescent Point respectfully requests your consent to the above described exception location and directional drilling of the captioned well. If you are in agreement, please verify your consent by signing and dating in the space provided on the second page and return to my attention 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

NOTES:
 -TOPSOIL TO BE STRIPPED FROM ALL CONSTRUCTION AREAS AND EXCESS MATERIAL PILE LOCATION.
 -STOCK PILE ARE CALCULATED AS HAVING A VOLUME OF 1,732 CUBIC YARDS (10% SWELL FACTOR) WITH 2:1 END SLOPES AND 1.5:1 SIDE SLOPES.
 -THE INFORMATION SHOWN ON THIS PAGE IS CONCEPTUAL. QUANTITIES REPORTED ARE ESTIMATED AND APPROXIMATED AND SHALL BE USED BY OTHERS ACCORDINGLY.

**APPROXIMATE DISTURBANCE AREA 3.0± ACRES
 2.1% GRADE OF A NORTHERLY SLOPE**



**BEFORE DIGGING
 CALL FOR
 UTILITY LINE LOCATION**

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

**CRESCENT POINT ENERGY
 COX 12-31-3-1E & COX 13-31-3-1E
 SECTION 31, T.3 S., R.1 E.**

**UNGRADED ELEVATION: 4981.5'
 FINISHED ELEVATION: 4980.6'**

DRAWN: 8/11/2014 - TCM

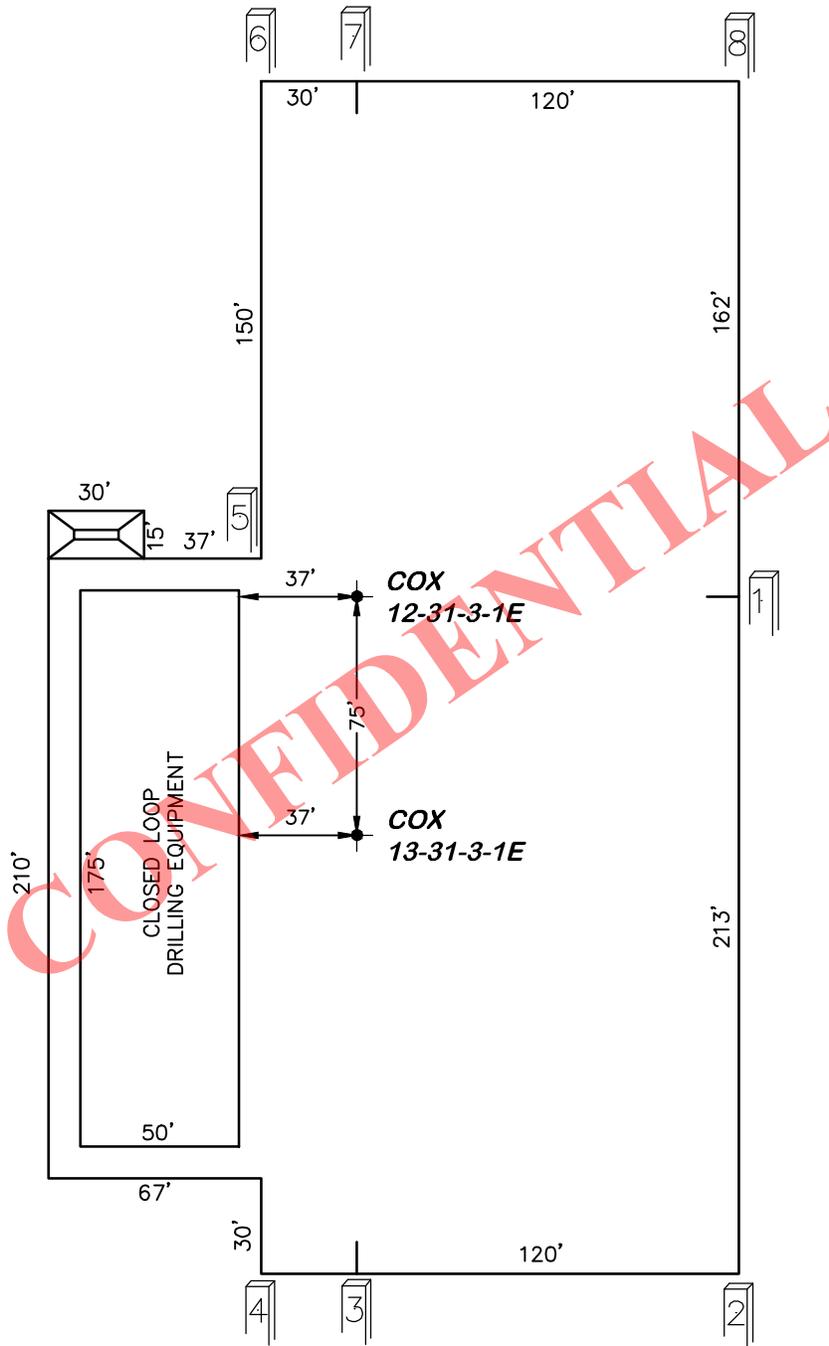
SCALE: 1" = 60'

REVISED: 9/3/2014 - TCM

DRG JOB No. 20154

REVISED PAD

FIGURE 1



**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.

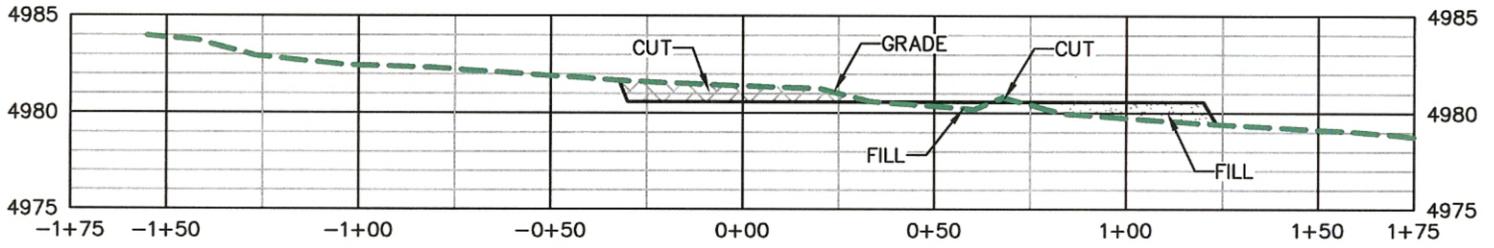


DRG RIFFIN & ASSOCIATES, INC.
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

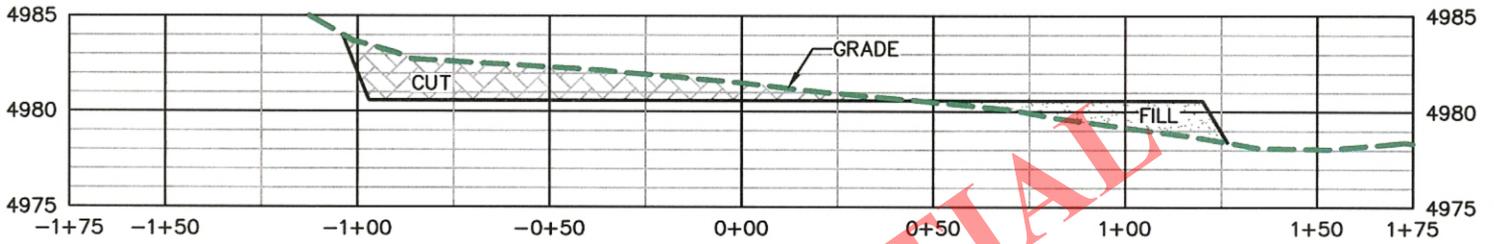
DRAWN: 8/11/2014 - TCM	SCALE: 1" = 60'
REVISED: 9/3/2014 - TCM	DRG JOB No. 20154
REVISED PAD	FIGURE 1A

**PAD LAYOUT
CRESCENT POINT ENERGY
COX 12-31-3-1E & COX 13-31-3-1E
SECTION 31, T. 3 S., R. 1 E.**

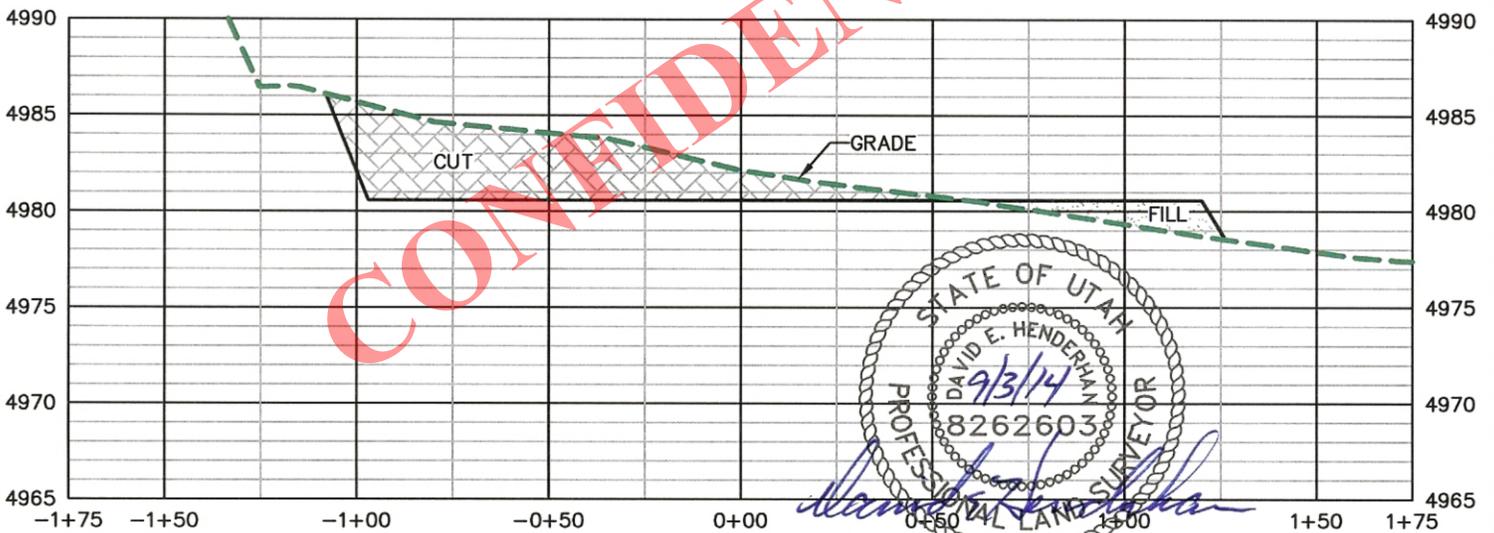
UNGRADED ELEVATION: 4981.5'
FINISHED ELEVATION: 4980.6'



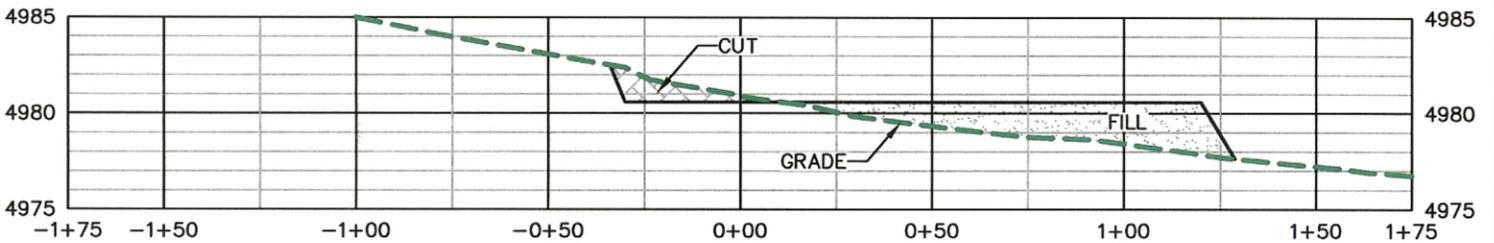
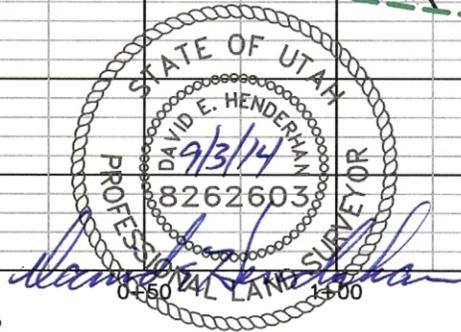
3+75



2+13



1+38



0+00

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

**CRESCENT POINT ENERGY
 COX 12-31-3-1E & COX 13-31-3-1E
 SECTION 31, T. 3 S., R. 1 E.**

DRAWN: 8/11/2014 - TCM

SCALE: HORZ 1" = 50' VERT 1" = 10'

REVISED: 9/3/2014 - TCM

DRG JOB No. 20154

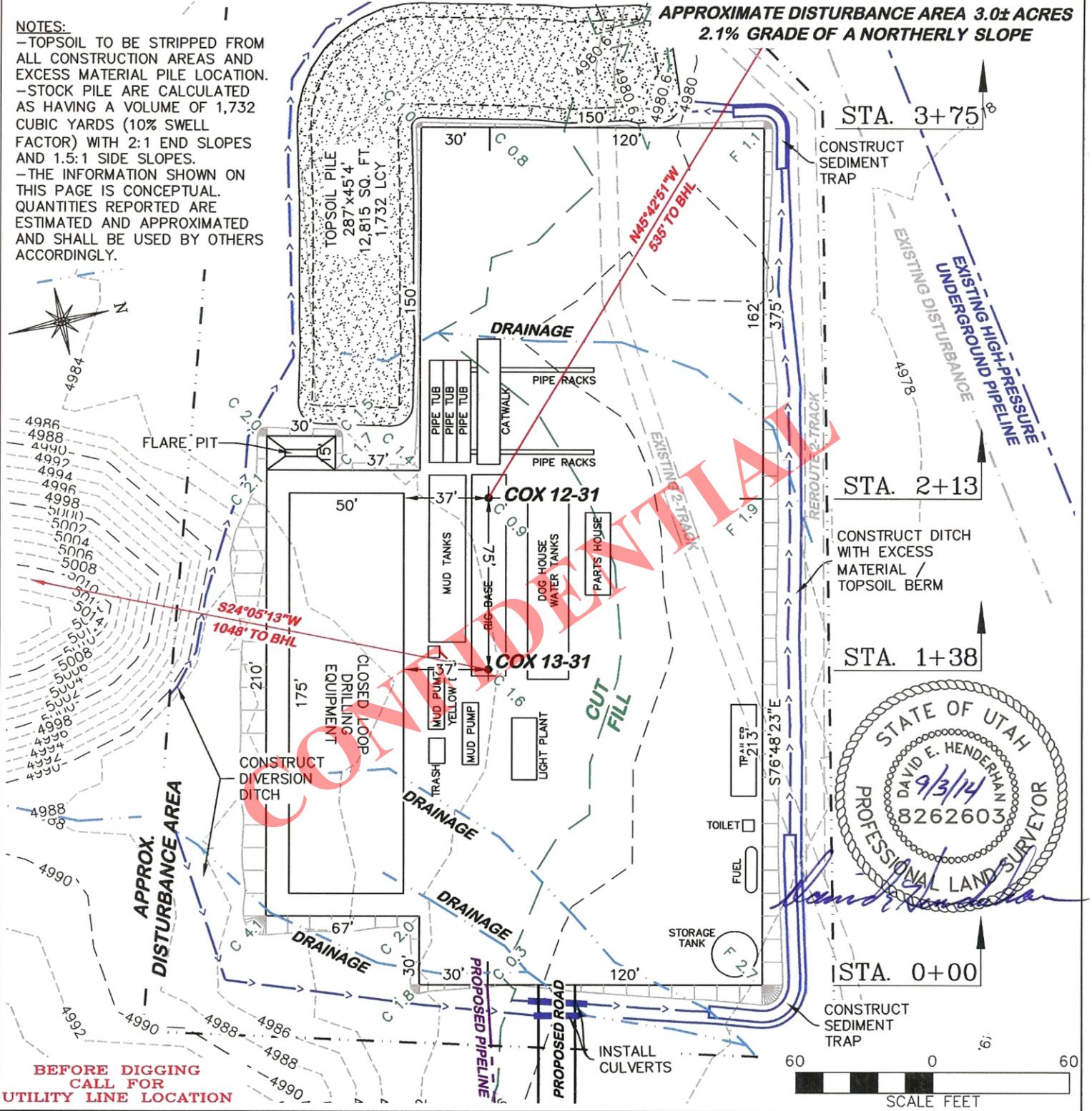
REVISED PAD

FIGURE 2

UNGRADED ELEVATION: 4981.5'
 FINISHED ELEVATION: 4980.6'

NOTES:

-TOPSOIL TO BE STRIPPED FROM ALL CONSTRUCTION AREAS AND EXCESS MATERIAL PILE LOCATION.
 -STOCK PILE ARE CALCULATED AS HAVING A VOLUME OF 1,732 CUBIC YARDS (10% SWELL FACTOR) WITH 2:1 END SLOPES AND 1.5:1 SIDE SLOPES.
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BEFORE DIGGING CALL FOR UTILITY LINE LOCATION

ESTIMATED EARTHWORK BANK

ITEM	TOPSOIL	CUT	FILL	EXCESS
PAD	1,459 BCY	1,177 BCY	1,167 BCY	10 BCY
PIT		NONE		NONE
TOTALS	1,459 BCY	1,177 BCY	1,167 BCY	10 BCY

ESTIMATED EARTHWORK LOOSE (10% SWELL)

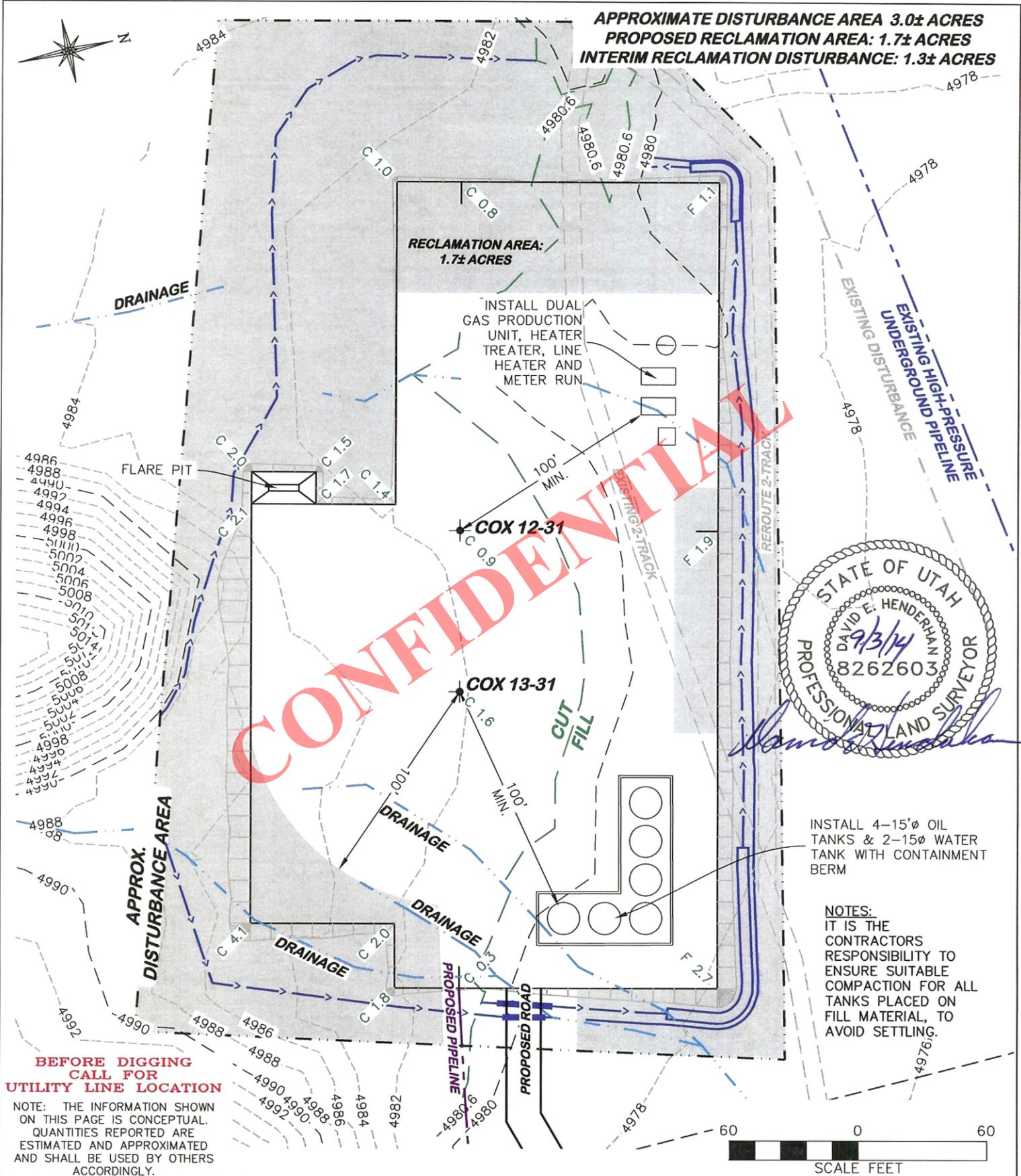
ITEM	TOPSOIL	CUT	FILL	EXCESS
PAD	1,605 LCY	1,295 LCY	1,167 LCY	128 LCY
PIT		NONE		NONE
TOTALS	1,605 LCY	1,295 LCY	1,167 LCY	128 LCY

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

**CRESCENT POINT ENERGY
 COX 12-31-3-1E & COX 13-31-3-1E
 SECTION 31, T. 3 S., R. 1 E.**

DRAWN: 8/11/2014 - TCM	SCALE: 1" = 60'
REVISED: 9/3/2014 - TCM	DRG JOB No. 20154
REVISED PAD	FIGURE 3

**UNGRADED ELEVATION: 4981.5'
 FINISHED ELEVATION: 4980.6'**



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

DRAWN: 8/11/2014 - TCM	SCALE: 1" = 60'
REVISED: 9/3/2014 - TCM	DRG JOB No. 20154
REVISED PAD	FIGURE 4

PROPOSED INTERIM RECLAMATION
CRESCENT POINT ENERGY
COX 12-31-3-1E & COX 13-31-3-1E
SECTION 31, T. 3 S., R. 1 E.

UNGRADED ELEVATION: 4981.5'
FINISHED ELEVATION: 4980.6'

API Number: 43-047-54797

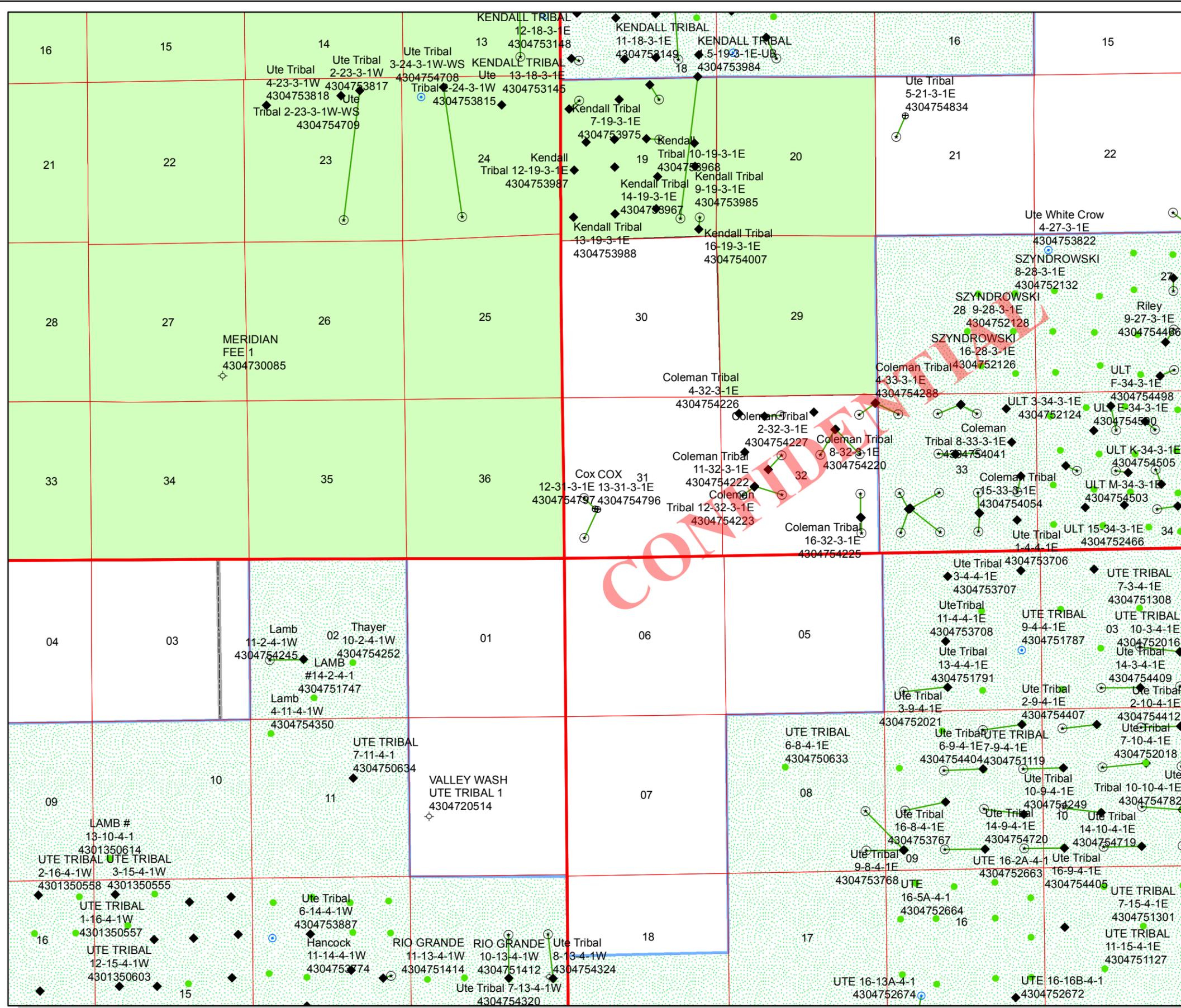
Well Name: COX 12-31-3-1E

Section: 31 Township: 3S Range: 1E Meridian: USM

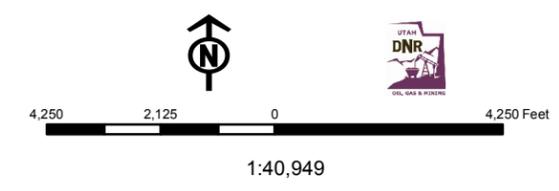
Operator: CRESCENT POINT ENERGY U.S. CORP

Map Prepared: Oct. 16, 2014

Map Produced by Lisha Cordova



Wells Query		Units	
Status		STATUS	
◆ APD - Aproved Permit		ACTIVE	
○ DRL - Spuded (Drilling Commenced)		EXPLORATORY	
⚡ GIW - Gas Injection		GAS STORAGE	
★ GS - Gas Storage		NF PP OIL	
⊕ LOC - New Location		NF SECONDARY	
⚠ OPS - Operation Suspended		PI OIL	
⊖ PA - Plugged Abandoned		PP GAS	
⊙ PGW - Producing Gas Well		PP GEOTHERML	
● POW - Producing Oil Well		PP OIL	
⊙ SGW - Shut-in Gas Well		SECONDARY	
⊙ SOW - Shut-in Oil Well		TERMINATED	
⊙ TA - Temp. Abandoned			
○ TW - Test Well		Fields	
⊙ WDW - Water Disposal		Unknown	
⊙ WW - Water Injection Well		ABANDONED	
● WSW - Water Supply Well		ACTIVE	
		COMBINED	
		INACTIVE	
		STORAGE	
		TERMINATED	





Diana Mason <dianawhitney@utah.gov>

Fwd: Comment for RDCC Project Numbers: 46112, 46113, & 46116

Lisha Cordova <lishacordova@utah.gov>

Fri, Nov 7, 2014 at 12:47 PM

To: Brad Hill <bradhill@utah.gov>, Diana Mason <dianawhitney@utah.gov>

FYI....

RDCC Project Numbers:

46112 - 43-047-54773

46113 - 43-041-50012

46115 - 43-047-54797

46116 - 43-047-54796

----- Forwarded message -----

From: **Sindy Smith** <sindysmith@utah.gov>

Date: Fri, Nov 7, 2014 at 12:39 PM

Subject: Re: Comment for RDCC Project Numbers: 46112, 46113, & 46116

To: Lisha Cordova <lishacordova@utah.gov>

No comment.

On Fri, Nov 7, 2014 at 11:47 AM, Lisha Cordova <lishacordova@utah.gov> wrote:

How about RDCC Project #46115?

Thx.

On Wed, Nov 5, 2014 at 9:27 AM, Sindy Smith <sindysmith@utah.gov> wrote:

Hi Lisha,

Joel Karmazyn, Division of Air Quality, provided the same comment for the above-referenced RDCC Projects. I am sending you the comment *via* email rather than a formal letter because the comment is only one sentence and it is the same comment for all three projects:

Please be aware that the Air Quality Board has enacted new oil and gas development rules (500 series rules).

Contact Joel at (801) 536-4423 if you have questions concerning his comment.

Please contact me if you have other questions.

Sindy

--

Sindy Smith

RDCC Coordinator

Resource Development Coordinating Committee

Public Lands Policy Coordination Office

801-537-9193

--

Lisha Cordova, Env. Scientist
Division of Oil, Gas and Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116
T: [801-538-5296](tel:801-538-5296)
C: [801-396-3902](tel:801-396-3902)
lishacordova@utah.gov

--
Sindy Smith
RDCC Coordinator
Resource Development Coordinating Committee
Public Lands Policy Coordination Office
[801-537-9193](tel:801-537-9193)

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lishacordova@utah.gov

CONFIDENTIAL



Diana Mason <dianawhitney@utah.gov>

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FYI....

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46113 - 43-041-50012

46115 - 43-047-54797

46116 - 43-047-54796

----- Forwarded message -----

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CONFIDENTIAL

Well Name	CRESCENT POINT ENERGY U.S. CORP Cox 12-31-3-1E 43047547970000			
String	Cond	Surf	Prod	
Casing Size(")	16.000	9.625	5.500	
Setting Depth (TVD)	40	1000	8531	
Previous Shoe Setting Depth (TVD)	0	40	1000	
Max Mud Weight (ppg)	8.3	8.3	10.0	
BOPE Proposed (psi)	0	500	3000	
Casing Internal Yield (psi)	1000	3520	7740	
Operators Max Anticipated Pressure (psi)	4436		10.0	

Calculations	Cond String	16.000	"
Max BHP (psi)	.052*Setting Depth*MW=	17	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	12	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	8	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	8	NO
Required Casing/BOPE Test Pressure=		40	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

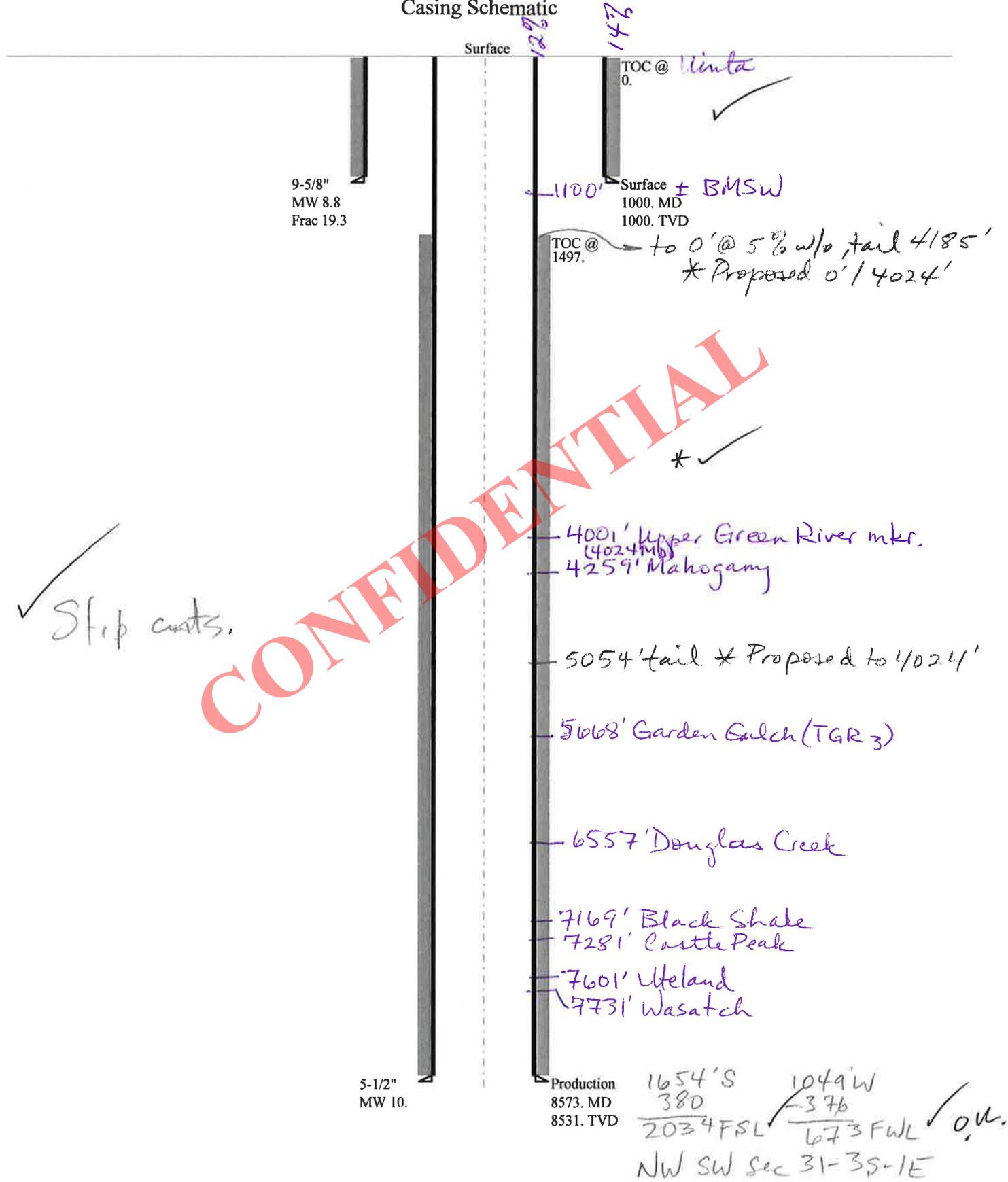
Calculations	Surf String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	432	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	312	YES diverter
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	212	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	221	NO OK
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		40	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	4436	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3412	NO 3M BOPE annular, rotating head, dbl rams, drilling
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2559	YES spool, choke & kill lines
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2779	NO OK
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

43047547970000 Cox 12-31-3-1E

Casing Schematic



Well name:	43047547970000 Cox 12-31-3-1E		
Operator:	CRESCENT POINT ENERGY U.S. CORP		
String type:	Surface	Project ID:	43-047-54797
Location:	UINTAH COUNTY		

Design parameters:

Collapse

Mud weight: 8.800 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 88 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Burst

Max anticipated surface pressure: 880 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 1,000 psi

No backup mud specified.

Burst:

Design factor 1.00

Cement top: Surface

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: 870 ft

Completion type is subs
Non-directional string.

Re subsequent strings:

Next setting depth: 8,356 ft
 Next mud weight: 10.000 ppg
 Next setting BHP: 4,341 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 1,000 ft
 Injection pressure: 1,000 psi

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	9.625	36.00	J-55	ST&C	1000	1000	8.796	8690
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	457	2020	4.420	1000	3520	3.52	31.3	394	12.59 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: December 2, 2014
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.8 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.

Well name:	43047547970000 Cox 12-31-3-1E	
Operator:	CRESCENT POINT ENERGY U.S. CORP	
String type:	Production	Project ID: 43-047-54797
Location:	UINTAH COUNTY	

Design parameters:

Collapse

Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 193 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: 1,497 ft

Burst

Max anticipated surface pressure: 2,555 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,432 psi

No backup mud specified.

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 buoyed weight.
Neutral point: 7,279 ft

Completion type is subs

Directional Info - Build & Drop

Kick-off point: 2000 ft
Departure at shoe: 535 ft
Maximum dogleg: 2 °/100ft
Inclination at shoe: 0 °

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	8573	5.5	17.00	E-80	LT&C	8531	8573	4.767	282909
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	4432	6290	1.419	4432	7740	1.75	123	320	2.60 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 2, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8531 ft, a mud weight of 10 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 CRESCENT POINT ENERGY U.S. CORP
Well Name Cox 12-31-3-1E
API Number 43047547970000 **APD No** 10388 **Field/Unit** WILDCAT
Location: 1/4,1/4 NWSW **Sec** 31 **Tw** 3.0S **Rng** 1.0E 1654 FSL 1049 FWL
GPS Coord (UTM) 590974 4447811 **Surface Owner** Floyd E Cox

Participants

Whitney Szabo - Starpoint; Mark Hecksel - Crescent Point; Scott Bonner - DR Griffin

Regional/Local Setting & Topography

This location will host two well pads

Cox 12-31

Cox 13-31

The location is on the foothills below the Leland bench edge and bordering productive farmlands currently in alfalfa to the North. The soils are sparsely vegetated with greasewood and opuntia cactus and are comprised of sandy light colored clays. A drainage comes from the bench across the pad footprint on the west side of the adjacent butte. The area is a floodplain of the Duchesne River to the North and has been historically used for agriculture and is quite fertile. Roosevelt is found 6 miles north

Surface Use Plan

Current Surface Use

Wildlfe Habitat

New Road

Miles

3

Well Pad

Width 150 **Length** 350

Src Const Material

Onsite

Surface Formation

DUCHR

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

High desert shrubland ecosystem. Expected vegetation consists of sagebrush, globemallow, evening primrose, Atriplex spp., mustard spp, rabbit brush, horsebrush, broom snakeweed, Opuntia spp and spring annuals.

Dominant vegetation;

greasewood

Wildlife;

Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits, though none were observed. Disturbed soils onsite do not support habitat for wildlife

Soil Type and Characteristics

sandy clays

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? Y

y

Berm Required? Y

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	25 to 75	15
Distance to Surface Water (feet)		20
Dist. Nearest Municipal Well (ft)	500 to 1320	10
Distance to Other Wells (feet)		20
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings		
Annual Precipitation (inches)		
Affected Populations		
Presence Nearby Utility Conduits		

Final Score 80 1 Sensitivity Level

Characteristics / Requirements

Pit to be dug to a depth of 12'. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. Pit to be closed within one year after drilling activities are complete.

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

Other Observations / Comments

Chris Jensen
Evaluator

11/12/2014
Date / Time

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
10388	43047547970000	LOCKED	OW	P	No
Operator	CRESCENT POINT ENERGY U.S. CORP		Surface Owner-APD	Floyd E Cox	
Well Name	Cox 12-31-3-1E		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	NWSW 31 3S 1E U 1654 FSL	1049 FWL	GPS Coord		
	(UTM) 590974E	4447799N			

Geologic Statement of Basis

Crescent Point proposes to set 40' of conductor and 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 1,100'. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the center of Section 31. The well is listed as 27 feet in depth and is used for domestic and irrigation purposes. This well probably produces water from near-surface alluvium. 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. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill
APD Evaluator

12/2/2014
Date / Time

Surface Statement of Basis

Location is proposed in a good location although outside the spacing window typical of a multi well pad. Access road enters the pad from the east. The landowner or its representative was not in attendance for the pre-site inspection. The soil type and topography at present do not combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions. Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted. A diversion is shown for drainage coming off the bench. I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The location was not previously surveyed for cultural and paleontological resources (as the operator saw fit). I have advised the operator take all measures necessary to comply with NHPA, ESA and MBTA and that actions insure no improper disturbance to resources that may have not been seen during onsite visit. The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues. A diversion is to be built sufficient to conduct overland or channel flow and reintroduce flows back into the natural channel offsite. Care to be taken that diversion of water does not impact or erode topsoil piles

Chris Jensen
Onsite Evaluator

11/12/2014
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/8/2014

API NO. ASSIGNED: 43047547970000

WELL NAME: Cox 12-31-3-1E

OPERATOR: CRESCENT POINT ENERGY U.S. CORP (N3935)

PHONE NUMBER: 303 308-6270

CONTACT: Kristen Johnson

PROPOSED LOCATION: NWSW 31 030S 010E

Permit Tech Review:

SURFACE: 1654 FSL 1049 FWL

Engineering Review:

BOTTOM: 2035 FSL 0673 FWL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.17564

LONGITUDE: -109.93150

UTM SURF EASTINGS: 590974.00

NORTHINGS: 4447799.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE/FEE - LPM9080271
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 43-12534
- RDCC Review: 2015-01-06 00:00:00.0
- Fee Surface Agreement
- Intent to Commingle

Commingle 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: 5 - Statement of Basis - bhill
 12 - Cement Volume (3) - hmacdonald
 15 - Directional - bhill
 21 - RDCC - bhill
 23 - Spacing - bhill
 25 - Surface Casing - hmacdonald



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. HAZA
Division Director

Permit To Drill

Well Name: Cox 12-31-3-1E

API Well Number: 43047547970000

Lease Number: FEE

Surface Owner: FEE (PRIVATE)

Approval Date: 1/7/2015

Issued to:

CRESCENT POINT ENERGY U.S. CORP, 555 17th Street, Suite 750, 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

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:

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

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.

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.

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

Surface casing shall be cemented to the surface.

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)

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:

A handwritten signature in black ink, appearing to read "John Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

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: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: Cox 12-31-3-1E
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP		9. API NUMBER: 43047547970000
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: 1654 FSL 1049 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 31 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		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 5/27/2015	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Crescent Point Energy US Corp spud the Cox 12-31-3-1E with ProPetro
Bucket Rig 1 at 3:00PM on 5/27/15 .

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
May 28, 2015**

NAME (PLEASE PRINT) Kristen Johnson	PHONE NUMBER 303 308-6270	TITLE Regulatory Technician
SIGNATURE N/A	DATE 5/28/2015	

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	API
Surface casing 8-5/8" Hole Size 12-1/4"	0'	1,000'	24	J-55	STC	2,950 405 7.27	1,370 707 1.94	244,000 24,000 10.17	API Load SF
Prod casing 5-1/2" Hole Size 7- 7/8"	0'	8,573'	17	L-80	LTC	7,738 6,190 1.25	6,290 4,520 1.39	348,000 145,500 2.32	API Load SF

Cementing Design:

Job	Fill	Description	Excess	Sacks	Weight (ppg)	Yield (ft ³ /sk)
Surface casing	1000' – Surface	Class V 2% chlorides	75%	630	15.8	1.15
Prod casing Lead	4000' to Surface	Hifill Class V 3% chlorides	25% in open-hole, 0% in cased hole	360	11.5	2.35
Prod casing Tail	TD to 4000'	Class G 10% chlorides	15%	520	13.1	1.76

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: FEE
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TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
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<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/22/2015	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Please see attached drill report for Cox 12-31-3-1E encompassing all drilling operations to date.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
June 22, 2015**

NAME (PLEASE PRINT) Valari Crary	PHONE NUMBER 303 880-3637	TITLE Drilling And Completion Tech
SIGNATURE N/A	DATE 6/22/2015	



Daily Drilling Report

Report for: 5/27/2015
 Report #: 1.0, DFS: -15.15
 Depth Progress:

Well Name: COX 12-31-3-1E

UWI/API 43-047-54797		Surface Legal Location			License #				
Spud Date 5/27/2015 15:00		Date TD Reached (wellbore) 6/18/2015 09:00		Rig Release Date 6/19/2015 17:00		Ground Elevation (ft) 4,980.00		Orig KB Elev (ft) 4,992.00	
Completion Type									
Weather		Temperature (°F)			Road Condition		Hole Condition		
Operation At 6am W.O.Air Rig					Operation Next 24hrs				
24 Hr Summary MIRU ProPetro Bucket Rig #1, spud well @ 15:00 AM 5/27/2015 drill 52' KB 24" conductor hole,run & cement 52' KB 16" conductor pipe, Cmt.to Surf.with ReadyMix									

AFE Number 1702115US	
Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0
Target Formation Wasatch	Target Depth (ftKB) 8,762.0
Last Casing String Conductor, 52.0ftKB	
Daily Contacts	
Job Contact	Mobile

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

Rigs	
Capstar Drilling, 316	
Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Eric Thompson	Phone Mobile 307-259 -8473

Mud Checks									
<depth>ftKB, <dtm>									
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)			
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/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 (lb/100ft²)			
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)					

1, Gardner-Denver, PZ-9		
Pump # 1	Pwr (hp)	Rod Dia (in)
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
P (psi)	Slow Spd	Strokes (s... Eff (%)

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									

2, Gardner-Denver, PZ-9		
Pump # 2	Pwr (hp)	Rod Dia (in)
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
P (psi)	Slow Spd	Strokes (s... Eff (%)

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

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 5/29/2015
 Report #: 2.0, DFS: -13.15
 Depth Progress:

Well Name: COX 12-31-3-1E

UWI/API 43-047-54797		Surface Legal Location			License #					
Spud Date 5/27/2015 15:00		Date TD Reached (wellbore) 6/18/2015 09:00		Rig Release Date 6/19/2015 17:00		Ground Elevation (ft) 4,980.00		Orig KB Elev (ft) 4,992.00		
Completion Type										
Weather		Temperature (°F)			Road Condition			Hole Condition		
Operation At 6am W.O.Drig.Rig					Operation Next 24hrs					
24 Hr Summary MIRU Pro Petro Rig #11,Drill 1068' KB 12 1/4" Surface hole,R/U & run 1052' KB 8 5/8" 24# surface CSG,Cement W/665 sk 15.8 ppg 1.15 Yld 30 bbls good cement T/Surf,hole stayed full										

AFE Number 1702115US	
Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0
Target Formation Wasatch	Target Depth (ftKB) 8,762.0
Last Casing String Surface, 1,052.0ftKB	
Daily Contacts	
Job Contact	Mobile

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

Rigs	
Capstar Drilling, 316	
Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Eric Thompson	Phone Mobile 307-259 -8473

Mud Checks						
<depth>ftKB, <dtm>						
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/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 (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

1, Gardner-Denver, PZ-9		
Pump # 1	Pwr (hp)	Rod Dia (in)
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)
P (psi)	Slow Spd	Strokes (s... Eff (%)

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						

2, Gardner-Denver, PZ-9		
Pump # 2	Pwr (hp)	Rod Dia (in)
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)
P (psi)	Slow Spd	Strokes (s... Eff (%)

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

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/10/2015
Report #: 3.0, DFS: -1.15
Depth Progress:

Well Name: COX 12-31-3-1E

UWI/API 43-047-54797		Surface Legal Location			License #							
Spud Date 5/27/2015 15:00		Date TD Reached (wellbore) 6/18/2015 09:00		Rig Release Date 6/19/2015 17:00		Ground Elevation (ft) 4,980.00		Orig KB Elev (ft) 4,992.00				
Completion Type							AFE Number 1702115US		Start Depth (ftKB) 0.0		End Depth (ftKB) 0.0	
Weather Overcast		Temperature (°F) 74.0			Road Condition Good		Hole Condition		Target Formation Wasatch		Target Depth (ftKB) 8,762.0	
Operation At 6am Rig Down				Operation Next 24hrs M.I.R.U., Nipple Up & Pressure Test, Pick Up Directional Tools, 7-6 1/4" DC, 10-hwdp, Trip in Hole, Drill Out 8 5/8" Shoe Track, Drill 7 7/8" Production Hole f/ 1052'				Last Casing String Surface, 1,052.0ftKB				
24 Hr Summary Rig Down for Highway Move/ Prep Derrick For Removal/Change Fastline Sheave							Daily Contacts					
Time Log							Job Contact		Mobile			
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com	Scott Seely		435-828-11-1			
16:30	06:00	13.50	13.50	1	RIGUP & TEARDOWN	Rig Down for Highway Move/ Prep Derrick For Removal/Change Fastline Sheave	Brent Bascom		970-250-2928			
Mud Checks							Rigs					
<depth>ftKB, <dtm>							Capstar Drilling, 316					
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)	Contractor Capstar Drilling		Rig Number 316			
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)	Rig Supervisor Eric Thompson		Phone Mobile 307-259-8473			
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)	1, Gardner-Denver, PZ-9					
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)	Pump # 1							
P (psi)							Slow Spd		Strokes (s...)		Eff (%)	
Drill Strings							2, Gardner-Denver, PZ-9					
BHA #<stringno>, <des>							Pump # 2		Pwr (hp)		Rod Dia (in)	
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...	Liner Size (in) 6						
Nozzles (1/32")							Stroke (in) 9.02		Vol/Stk OR (b...) 0.079			
String Length (ft)							Max Nominal OD (in)		P (psi)			
String Components							Slow Spd		Strokes (s...)		Eff (%)	
Comment							Mud Additive Amounts					
Drilling Parameters							Des		Field Est (Cost/unit)		Consumed	
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
Safety Checks							Time		Type		Des	
Wellbores							Wellbore Name		KO MD (ftKB)			
Original Hole												



Daily Drilling Report

Report for: 6/11/2015
 Report #: 4.0, DFS: -0.15
 Depth Progress: 0.00

Well Name: COX 12-31-3-1E

UWI/API 43-047-54797		Surface Legal Location		License #	
Spud Date 5/27/2015 15:00		Date TD Reached (wellbore) 6/18/2015 09:00		Rig Release Date 6/19/2015 17:00	
		Ground Elevation (ft) 4,980.00		Orig KB Elev (ft) 4,992.00	
Completion Type					
Weather Rain		Temperature (°F) 65.0		Road Condition Good	
Hole Condition		Operation Next 24hrs Pick Up Directional Tools,7-6 1/4"DC,10-hwdp, Trip in Hole ,Drill Out 8 5/8" Shoe Track, Drill 7 7/8" Production Hole f/ 1068'			

24 Hr Summary
 Rig Down ,Move Rig 11.5 Miles, Install Derrick, Rig Up, Nipple Up & Pressure Test BOP,Load Pipe Racks,Strap & Caliper BHA, Pick Up Directional Tools.

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	12:30	6.50	6.50	1	RIGUP & TEARDOWN	Rig Down ,Move Rig 11.5 Miles
12:30	20:30	8.00	14.50	1	RIGUP & TEARDOWN	Install Derrick, Rig Up
20:30	00:30	4.00	18.50	14	NIPPLE UP B.O.P	Nipple up BOP
00:30	04:30	4.00	22.50	15	TEST B.O.P	Pressure Test BOP, Pipe Rams, Blind Rams, Safety Valves, Lines, Choke Manifold 3000 PSI/10 Min. Annular BOP 1500 Psi/10 Min., Casing 1500 Psi/ 30 Min.
04:30	06:00	1.50	24.00	6	TRIPS	Pick Up Directional Tools

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Water Base	18:00	1,068.0	8.40	27		
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
				8.0	0.0	
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Des	Field Est (Cost/unit)	Consumed
Engineering	450.00	1.0
Rental	50.00	1.0

Time	Type	Des

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	1,068.0	1,068.0										

AFE Number 1702115US	
Start Depth (ftKB) 1,068.0	End Depth (ftKB) 1,068.0
Target Formation Wasatch	Target Depth (ftKB) 8,762.0
Last Casing String Surface, 1,052.0ftKB	

Daily Contacts	
Job Contact	Mobile
Scott Seely	435-828-11-1
Brent Bascom	970-250-2928

Rigs		
Capstar Drilling, 316		
Contractor Capstar Drilling	Rig Number 316	
Rig Supervisor Eric Thompson	Phone Mobile 307-259-8473	

1, Gardner-Denver, PZ-9		
Pump # 1	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

2, Gardner-Denver, PZ-9		
Pump # 2	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Engineering	450.00	1.0
Rental	50.00	1.0

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/12/2015
Report #: 5.0, DFS: 0.85
Depth Progress: 2,074.00

Well Name: COX 12-31-3-1E

UWI/API 43-047-54797		Surface Legal Location			License #							
Spud Date 5/27/2015 15:00		Date TD Reached (wellbore) 6/18/2015 09:00		Rig Release Date 6/19/2015 17:00		Ground Elevation (ft) 4,980.00		Orig KB Elev (ft) 4,992.00				
Completion Type												
Weather Clear		Temperature (°F) 84.0			Road Condition Good		Hole Condition Good					
Operation At 6am Drilling @ 3142'					Operation Next 24hrs Drill 7 7/8" Production Hole							
24 Hr Summary Drill Out 8 5/8" Shoe Track, Drill 7 7/8" Production Hole f/ 1068' to 3142' (2074' @ 103.7 fph, BKG 55 u, Conn 62 u, Peak 180 u @2926 = Lith. 40%SH,30%SS, 25%CLYST												
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	Pick Up BHA, Trip In Hole,						
08:00	09:30	1.50	3.50	22	OPEN	Drill cement & Float Equipment f/ 994' to 1068'						
09:30	10:00	0.50	4.00	7	LUBRICATE RIG	Rig Service						
10:00	06:00	20.00	24.00	2	DRILL ACTUAL	Drill 7 7/8" Production Hole f/ 1068' to 3142' (2074' @ 103.7 fph) 18-20k wob, 394 gpm						
Mud Checks												
1,389.0ftKB, 6/12/2015 12:30												
Type DAP	Time 12:30	Depth (ftKB) 1,389.0	Density (lb/gal) 8.60	Funnel Viscosity (s/qt) 27	PV Override (cP) 0.0	YP OR (lb/100ft²)						
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%) 8.5	Solids (%)						
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 10,000.000	Calcium (mg/L)	Pf (mL/mL) 0.1	Pm (mL/mL)	Gel 30 min (lb/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 #1, Steerable												
Bit Run 1	Drill Bit 7 7/8in, Z616, JJ1582	Length (ft) 1.00	IADC Bit Dull 1-1-WT-A-X-0-NO-TD	TFA (incl Noz) (in²) 1.80	BHA ROP... 55.7							
Nozzles (1/32") 16/16/16/16/16/16		String Length (ft) 617.88		Max Nominal OD (in) 6.500								
String Components Smith Z616, MUD MOTOR, UBHO, NMDC, NMDC, Drill Collar, HWDP												
Comment Smith Z616, (Hunting MM 6.5", 7/8, 3.3 Stg, 1.5°, Fixed .16 RPG)(UBHO 6.5"x2.875")(2-6.5"x2.875"NMDC)(7-6.25 x 2.5"DC) (10-4.5"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	1,068.0	3,142.0	2,074.0 0	20.00	103.7	394	20	60	700.0	58	84	10,00 0.0
AFE Number 1702115US												
Start Depth (ftKB) 1,068.0		End Depth (ftKB) 3,142.0										
Target Formation Wasatch		Target Depth (ftKB) 8,762.0										
Last Casing String Surface, 1,052.0ftKB												
Daily Contacts												
Job Contact					Mobile							
Scott Seely		435-828-11-1										
Brent Bascom		970-250-2928										
Rigs												
Capstar Drilling, 316												
Contractor Capstar Drilling					Rig Number 316							
Rig Supervisor Eric Thompson					Phone Mobile 307-259-8473							
1, Gardner-Denver, PZ-9												
Pump # 1	Pwr (hp)	Rod Dia (in)										
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.079										
P (psi)	Slow Spd	Strokes (s... Eff (%)										
2, Gardner-Denver, PZ-9												
Pump # 2	Pwr (hp)	Rod Dia (in)										
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.079										
P (psi)	Slow Spd	Strokes (s... Eff (%)										
Mud Additive Amounts												
Des		Field Est (Cost/unit)			Consumed							
Brine		7.50			210.0							
DAP		35.00			4.0							
Engineering		450.00			1.0							
Rental		50.00			1.0							
Tax		1.00			11.5							
Safety Checks												
Time		Type			Des							
Wellbores												
Wellbore Name					KO MD (ftKB)							
Original Hole												



Daily Drilling Report

Report for: 6/13/2015
Report #: 6.0, DFS: 1.85
Depth Progress: 1,483.00

Well Name: COX 12-31-3-1E

UWI/API 43-047-54797		Surface Legal Location			License #				
Spud Date 5/27/2015 15:00		Date TD Reached (wellbore) 6/18/2015 09:00		Rig Release Date 6/19/2015 17:00		Ground Elevation (ft) 4,980.00		Orig KB Elev (ft) 4,992.00	
Completion Type									
Weather Clear		Temperature (°F) 84.0			Road Condition Good		Hole Condition Good		
Operation At 6am Drilling @ 4625'					Operation Next 24hrs Drill 7 7/8" Production Hole				
24 Hr Summary Drill/Slide 7 7/8" Production Hole f/ 3142' to 4625'(1483' @ 63.1 fph) 18-20k wob, 394 gpm ,no losses, Lith. - 45% MRLST,35%SH,20%DOLST, BKG 320 u, Conn. 486 u, 1283 u @ 3512'									

Time Log									
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com			
06:00	15:30	9.50	9.50	2	DRILL ACTUAL	Drill/Slide 7 7/8" Production Hole f/ 3142' to 3741'(599' @ 63.1 fph) 18-20k wob, 394 gpm ,no losses			
15:30	16:00	0.50	10.00	7	LUBRICATE RIG	Rig Service			
16:00	06:00	14.00	24.00	2	DRILL ACTUAL	Drill/Slide 7 7/8" Production Hole f/ 3741' to 4625'(884' @ 63.1 fph) 18-20k wob, 394 gpm, no losses			

Mud Checks									
3,584.0ftKB, 6/13/2015 12:00									
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)			
DAP	12:00	3,584.0	9.25	32	5.0	9.000			
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)			
10.000	21.000			8.5	0.3	7.0			
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)			
		17,000.000		0.1	0.100				
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 #1, Steerable									
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...				
1	7 7/8in, Z616, JJ1582	1.00	1-1-WT-A-X-0-NO-TD	1.80	55.7				
Nozzles (1/32")		String Length (ft)		Max Nominal OD (in)					
16/16/16/16/16/16		617.88		6.500					
String Components Smith Z616, MUD MOTOR, UBHO, NMDC, NMDC, Drill Collar, HWDP									
Comment Smith Z616, (Hunting MM 6.5", 7/8, 3.3 Stg, 1.5°, Fixed .16 RPG)(UBHO 6.5"x2.875")(2-6.5"x2.875"NMDC)(7-6.25 x 2.5"DC) (10-4.5"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	3,142.0	4,625.0	3,557.0	43.50	63.1	394	20	60	1,000.0	72	100	10,500.0

AFE Number 1702115US	
Start Depth (ftKB) 3,142.0	End Depth (ftKB) 4,625.0
Target Formation Wasatch	Target Depth (ftKB) 8,762.0
Last Casing String Surface, 1,052.0ftKB	
Daily Contacts	
Job Contact	Mobile
Scott Seely	435-828-11-1
Brent Bascom	970-250-2928

Rigs	
Capstar Drilling, 316	
Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Eric Thompson	Phone Mobile 307-259-8473

1, Gardner-Denver, PZ-9			
Pump # 1	Pwr (hp)	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

2, Gardner-Denver, PZ-9			
Pump # 2	Pwr (hp)	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)
700.0	No	125	95

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Bentonite	7.50	96.0
DAP	35.00	46.0
Engineering	450.00	1.0
Hole Seal	21.00	6.0
Rental	50.00	1.0
Sawdust	4.50	16.0
Tax	1.00	155.97

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/14/2015
Report #: 7.0, DFS: 2.85
Depth Progress: 1,250.00

Well Name: COX 12-31-3-1E

UWI/API 43-047-54797		Surface Legal Location		License #	
Spud Date 5/27/2015 15:00		Date TD Reached (wellbore) 6/18/2015 09:00		Rig Release Date 6/19/2015 17:00	
		Ground Elevation (ft) 4,980.00		Orig KB Elev (ft) 4,992.00	
Completion Type					
Weather Clear		Temperature (°F) 84.0		Road Condition Good	
				Hole Condition Good	
Operation At 6am Drilling @ 5875'			Operation Next 24hrs Drill 7 7/8" Production Hole		

24 Hr Summary
Drill/Slide 7 7/8" Production Hole f/4625' to 5875' (1250' @ 53.2 fph) 18-20k wob, 394 gpm ,no losses, TGR# Top @ 5660', Lith. - 50%SH,40%CLYST,10%DOLST, BKG 620 u, Conn. 1323 u, 2001 u @ 5219'

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	16:30	10.50	10.50	2	DRILL ACTUAL	Drill/Slide 7 7/8" Production Hole f/ 4625' to 5152' (527' @ 50.2 fph) 18-20k wob, 394 gpm, no losses
16:30	17:00	0.50	11.00	7	LUBRICATE RIG	Rig Service
17:00	06:00	13.00	24.00	2	DRILL ACTUAL	Drill/Slide 7 7/8" Production Hole f/ 5152' to 5875' (723' @ 55.6 fph) 18-20k wob, 394 gpm, no losses

Mud Checks							
4,855.0ftKB, 6/14/2015 10:30							
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)	
DAP	10:30	4,855.0	9.45	31	5.0	10.000	
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)	
11.000	24.000			8.5	0.3	9.0	
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)	
		35,000.000		0.1	0.100		
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 #1, Steerable						
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...	
1	7 7/8in, Z616, JJ1582	1.00	1-1-WT-A-X-0-NO-TD	1.80	55.7	
Nozzles (1/32")		String Length (ft)	Max Nominal OD (in)			
16/16/16/16/16/16		617.88	6.500			
String Components						
Smith Z616, MUD MOTOR, UBHO, NMDC, NMDC, Drill Collar, HWDP						
Comment						
Smith Z616, (Hunting MM 6.5", 7/8, 3.3 Stg, 1.5°, Fixed .16 RPG)(UBHO 6.5"x2.875")(2-6.5"x2.875"NMDC)(7-6.25 x 2.5"DC) (10-4.5"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	4,625.0	5,875.0	4,807.0	67.00	53.2	394	20	60	1,150.0	96	128	11,500.0

AFE Number 1702115US	
Start Depth (ftKB) 4,625.0	End Depth (ftKB) 5,875.0
Target Formation Wasatch	Target Depth (ftKB) 8,762.0
Last Casing String Surface, 1,052.0ftKB	
Daily Contacts	
Job Contact	Mobile
Scott Seely	435-828-11-1
Brent Bascom	970-250-2928

Rigs			
Capstar Drilling, 316			
Contractor	Rig Number		
Capstar Drilling	316		
Rig Supervisor	Phone Mobile		
Eric Thompson	307-259-8473		
1, Gardner-Denver, PZ-9			
Pump #	Pwr (hp)	Rod Dia (in)	
1			
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)	
6	9.02	0.079	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)
1,000.0	No	125	95
2, Gardner-Denver, PZ-9			
Pump #	Pwr (hp)	Rod Dia (in)	
2			
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)	
6	9.02	0.079	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
DAP	35.00	40.0
Engineering	450.00	1.0
Hole Seal	21.00	2.0
Pallet	20.00	8.0
Rental	50.00	1.0
Sawdust	4.50	12.0
Sea Mud	15.50	57.0
Shrink Wrap	20.00	8.0
Tax	1.00	166.34

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/15/2015
 Report #: 8.0, DFS: 3.85
 Depth Progress: 1,325.00

Well Name: COX 12-31-3-1E

UWI/API 43-047-54797	Surface Legal Location	License #
Spud Date 5/27/2015 15:00	Date TD Reached (wellbore) 6/18/2015 09:00	Rig Release Date 6/19/2015 17:00
	Ground Elevation (ft) 4,980.00	Orig KB Elev (ft) 4,992.00

Completion Type	Weather Clear	Temperature (°F) 85.0	Road Condition Good	Hole Condition Good
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Operation At 6am Drilling @ 7200'	Operation Next 24hrs Drill 7 7/8" Production Hole
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24 Hr Summary
 Drill/Slide 7 7/8" Production Hole f/ 5875' to 7200' (1325' @ 56.4 fph) 18-20k wob, 394 gpm, no losses. Douglas Creek Top @ 6574', Lithology - 40%SH,30%SS,30%CLYST. BKG 380 u, Conn. 517 u, Peak 2619 u @ 6891'

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	Drill/Slide 7 7/8" Production Hole f/ 5875' to 6564' (689' @ 68.9 fph) 18-20k wob, 394 gpm, no losses
16:00	16:30	0.50	10.50	7	LUBRICATE RIG	Rig Service
16:30	06:00	13.50	24.00	2	DRILL ACTUAL	Drill/Slide 7 7/8" Production Hole f/6564' to 7200' (636' @ 47.1 fph) 18-20k wob, 394 gpm

Mud Checks

6,307.0ftKB, 6/15/2015 11:30						
Type DAP	Time 11:30	Depth (ftKB) 6,307.0	Density (lb/gal) 9.70	Funnel Viscosity (s/qt) 32	PV Override (cP) 5.0	YP OR (lb/100ft²) 10.000
Gel 10 sec (lb/100ft²) 11.000	Gel 10 min (lb/100ft²) 24.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH 8.5	Sand (%) 0.3	Solids (%) 10.0
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 26,000.000	Calcium (mg/L)	Pf (mL/mL) 0.1	Pm (mL/mL) 0.100	Gel 30 min (lb/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 #1, Steerable					
Bit Run 1	Drill Bit 7 7/8in, Z616, JJ1582	Length (ft) 1.00	IADC Bit Dull 1-1-WT-A-X-0-NO-TD	TFA (incl Noz) (in²) 1.80	BHA ROP... 55.7
Nozzles (1/32") 16/16/16/16/16/16		String Length (ft) 617.88	Max Nominal OD (in) 6.500		
String Components Smith Z616, MUD MOTOR, UBHO, NMDC, NMDC, Drill Collar, HWDP					
Comment Smith Z616, (Hunting MM 6.5", 7/8, 3.3 Stg, 1.5°, Fixed .16 RPG)(UBHO 6.5"x2.875")(2-6.5"x2.875"NMDC)(7-6.25 x 2.5"DC) (10-4.5"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	5,875.0	7,200.0	6,132.0 0	90.50	56.4	394	20	60	1,350.0	116	150	12,20 0.0

AFE Number 1702115US	Start Depth (ftKB) 5,875.0	End Depth (ftKB) 7,200.0
Target Formation Wasatch	Target Depth (ftKB) 8,762.0	

Last Casing String
Surface, 1,052.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-11-1
Brent Bascom	970-250-2928

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Eric Thompson	Phone Mobile 307-259-8473

1, Gardner-Denver, PZ-9

Pump # 1	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi) 1,150.0	Slow Spd No	Strokes (s...) 125
		Eff (%) 95

2, Gardner-Denver, PZ-9

Pump # 2	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079
P (psi)	Slow Spd	Strokes (s...) Eff (%)

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
DAP	35.00	46.0
Engineering	450.00	1.0
Hole Seal	21.00	2.0
Pallet	20.00	4.0
Rental	50.00	1.0
Sawdust	4.50	16.0
Sea Mud	15.50	64.0
Shrink Wrap	20.00	4.0
Tax	1.00	177.02
Trucking	1.00	1,200.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/16/2015
 Report #: 9.0, DFS: 4.85
 Depth Progress: 860.00

Well Name: COX 12-31-3-1E

UWI/API 43-047-54797		Surface Legal Location			License #				
Spud Date 5/27/2015 15:00		Date TD Reached (wellbore) 6/18/2015 09:00		Rig Release Date 6/19/2015 17:00		Ground Elevation (ft) 4,980.00		Orig KB Elev (ft) 4,992.00	
Completion Type									
Weather Clear		Temperature (°F) 86.0			Road Condition Good		Hole Condition Good		
Operation At 6am Drilling @ 8060'					Operation Next 24hrs Drill 7 7/8" Production Hole				
24 Hr Summary Drill/Slide 7 7/8" Production Hole f/ 7200' to 8060' (860' @ 36.6 fph) 18-20k wob, 394 gpm, no losses. Uteland Butte Top @ 7757', Lithology - 30%SH,25%SS,35%CLYST10%LS. BKG 1100 u, Conn. 2065 u, Peak 6295 u @ 7643'									

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	17:00	11.00	11.00	2	DRILL ACTUAL	Drill/Slide 7 7/8" Production Hole f/ 7200' to 7590' (390' @ 35.5 fph) 18-20k wob, 394 gpm
17:00	17:30	0.50	11.50	7	LUBRICATE RIG	Rig Service
17:30	06:00	12.50	24.00	2	DRILL ACTUAL	Drill/Slide 7 7/8" Production Hole f/ 7590' to 8060' (470' @ 37.6 fph) 18-20k wob, 394 gpm

Mud Checks							
7,283.0ftKB, 6/16/2015 09:00							
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)	
DAP	09:00	7,283.0	9.90	31	5.0	9.000	
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)	
9.000	22.000			8.5	0.3	11.8	
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)	
		18,000.000		0.1	0.100		
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 #1, Steerable						
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...	
1	7 7/8in, Z616, JJ1582	1.00	1-1-WT-A-X-0-NO-TD	1.80	55.7	
Nozzles (1/32")		String Length (ft)	Max Nominal OD (in)			
16/16/16/16/16/16		617.88	6.500			
String Components Smith Z616, MUD MOTOR, UBHO, NMDC, NMDC, Drill Collar, HWDP						
Comment Smith Z616, (Hunting MM 6.5", 7/8, 3.3 Stg, 1.5°, Fixed .16 RPG)(UBHO 6.5"x2.875")(2-6.5"x2.875"NMDC)(7-6.25 x 2.5"DC) (10-4.5"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	7,200.0	8,060.0	6,992.0	114.0	36.6	394	20	60	1,430.0	132	165	13.00
			0	0								0.0

AFE Number 1702115US	
Start Depth (ftKB) 7,200.0	End Depth (ftKB) 8,060.0
Target Formation Wasatch	Target Depth (ftKB) 8,762.0
Last Casing String Surface, 1,052.0ftKB	
Daily Contacts	
Job Contact	Mobile
Scott Seely	435-828-11-1
Brent Bascom	970-250-2928

Rigs			
Capstar Drilling, 316			
Contractor	Rig Number		
Capstar Drilling	316		
Rig Supervisor	Phone Mobile		
Eric Thompson	307-259-8473		
1, Gardner-Denver, PZ-9			
Pump #	Pwr (hp)	Rod Dia (in)	
1			
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)	
6	9.02	0.079	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)
1,350.0	No	125	95
2, Gardner-Denver, PZ-9			
Pump #	Pwr (hp)	Rod Dia (in)	
2			
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)	
6	9.02	0.079	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
DAP	35.00	24.0
Engineering	450.00	1.0
Rental	50.00	1.0
Tax	1.00	53.85

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/17/2015
Report #: 10.0, DFS: 5.85
Depth Progress: 740.00

Well Name: COX 12-31-3-1E

UWI/API 43-047-54797		Surface Legal Location			License #							
Spud Date 5/27/2015 15:00		Date TD Reached (wellbore) 6/18/2015 09:00		Rig Release Date 6/19/2015 17:00		Ground Elevation (ft) 4,980.00		Orig KB Elev (ft) 4,992.00				
Completion Type							AFE Number 1702115US		Start Depth (ftKB) 8,060.0		End Depth (ftKB) 8,800.0	
Weather Clear		Temperature (°F) 92.0			Road Condition Good		Hole Condition Good		Target Formation Wasatch		Target Depth (ftKB) 8,762.0	
Operation At 6am Drilling @ 8800'				Operation Next 24hrs Drill to 8890' 7 7/8" Production Hole TD, Circ & Cond Mud, Lay Down Drill Pipe ,Run Open Hole Logs,				Last Casing String Surface, 1,052.0ftKB				
24 Hr Summary Drilling f/ 8060' to 8800 (740' @ 31.5 fph) 18-20k wob, 394 gpm, no losses. Wasatch Top @ 7892', Lithology - 40% CLYST,30%SS,25%SLTST,5%SH. BKG 780 u, Conn. 1418 u, Peak 1926 u @ 8053'												
Time Log												
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com						
06:00	17:30	11.50	11.50	2	DRILL ACTUAL	Drill/Slide 7 7/8" Production Hole f/ 8060' to 8402' (342' @ 29.7 fph) 18-20k wob, 394 gpm						
17:30	18:00	0.50	12.00	7	LUBRICATE RIG	Rig Service						
18:00	06:00	12.00	24.00	2	DRILL ACTUAL	Drill/Slide 7 7/8" Production Hole f/ 8402' to 8800' (392 @ 32.7 fph) 18-20k wob, 394 gpm						
Mud Checks												
8,145.0ftKB, 6/17/2015 09:00												
Type DAP	Time 09:00	Depth (ftKB) 8,145.0	Density (lb/gal) 10.00	Funnel Viscosity (s/qt) 32	PV Override (cP) 5.0	YP OR (lb/100ft²) 11.000						
Gel 10 sec (lb/100ft²) 11.000	Gel 10 min (lb/100ft²) 25.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH 8.5	Sand (%) 0.3	Solids (%) 12.5						
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 16,000.000	Calcium (mg/L)	Pf (mL/mL) 0.1	Pm (mL/mL) 0.100	Gel 30 min (lb/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 #1, Steerable												
Bit Run 1	Drill Bit 7 7/8in, Z616, JJ1582	Length (ft) 1.00	IADC Bit Dull 1-1-WT-A-X-0-NO-TD	TFA (incl Noz) (in²) 1.80	BHA ROP... 55.7							
Nozzles (1/32") 16/16/16/16/16/16			String Length (ft) 617.88	Max Nominal OD (in) 6.500								
String Components Smith Z616, MUD MOTOR, UBHO, NMDC, NMDC, Drill Collar, HWDP												
Comment Smith Z616, (Hunting MM 6.5", 7/8, 3.3 Stg, 1.5°, Fixed .16 RPG)(UBHO 6.5"x2.875")(2-6.5"x2.875"NMDC)(7-6.25 x 2.5"DC) (10-4.5"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	8,060.0	8,800.0	7,732.0	137.50	31.5	394	20	60	1,500.0	142	172	12,700.0
Safety Checks												
Time	Type	Des										
Wellbores												
Wellbore Name		KO MD (ftKB)										
Original Hole												



Daily Drilling Report

Report for: 6/18/2015
 Report #: 11.0, DFS: 6.85
 Depth Progress: 90.00

Well Name: COX 12-31-3-1E

UWI/API 43-047-54797		Surface Legal Location		License #	
Spud Date 5/27/2015 15:00		Date TD Reached (wellbore) 6/18/2015 09:00		Rig Release Date 6/19/2015 17:00	
		Ground Elevation (ft) 4,980.00		Orig KB Elev (ft) 4,992.00	
Completion Type					
Weather Clear		Temperature (°F) 94.0		Road Condition Good	
				Hole Condition Good	
Operation At 6am Run 5.5" Production Casing @ 3500'			Operation Next 24hrs Run & Cement Production Casing, Nipple Down BOP, Clean Pits, Rig Down For Highway Move.		

24 Hr Summary
 Drilling f/ 8800' to 8890' 7 7/8" Production Hole TD (90' @ 30 fph) 15k wob, 394 gpm, no losses, Circulate for Logs,Pump 125 bbl 11.1 ppg Kill Pill, Lay Down Drill Pipe & BHA, Rig Up Halliburton,Log Open Hole, 1 Run, Quad Combo w/HFDT, Loggers Depth 8886', Rig Up & Run 5.5", 17 lb/ft CP-80 Production Casing.

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	Drilling f/ 8800' to 8890' 7 7/8" Production Hole TD (90' @ 30 fph) 15k wob, 394 gpm, no losses
09:00	10:30	1.50	4.50	5	COND MUD & CIRC	Circulate & condition Mud for Logs
10:30	14:00	3.50	8.00	6	TRIPS	Lay Down drill pipe to 3000'
14:00	15:30	1.50	9.50	5	COND MUD & CIRC	Circulate Hole Clean, Spot 90 bbl hi-vis mud , 2500' to 1000'
15:30	18:00	2.50	12.00	6	TRIPS	Continue LD/DP & BHA
18:00	01:00	7.00	19.00	11	WIRELINE LOGS	Rig Up Halliburton, Run Open hole Logs, 1 Run, Quad Combo w/ HFDT, Loggers Depth 8886'
01:00	06:00	5.00	24.00	12	RUN CASING & CEMENT	Rig Up CRT & Run 5.5" 17 lb/ft, CP-80 LT&C Production Casing,

Mud Checks							
8,890.0ftKB, 6/18/2015 09:30							
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)	
DAP	09:30	8,890.0	10.10	31	6.0	7.000	
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)	
8.000	14.000			8.5	0.3	13.3	
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)	
		13,000.000		0.1	0.100		
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 #1, Steerable						
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...	
1	7 7/8in, Z616, JJ1582	1.00	1-1-WT-A-X-0-NO-TD	1.80	55.7	
Nozzles (1/32")			String Length (ft)	Max Nominal OD (in)		
16/16/16/16/16			617.88	6.500		

String Components
 Smith Z616, MUD MOTOR, UBHO, NMDC, NMDC, Drill Collar, HWDP
 Comment
 Smith Z616, (Hunting MM 6.5", 7/8, 3.3 Stg, 1.5°, Fixed .16 RPG)(UBHO 6.5"x2.875")(2-6.5"x2.875"NMDC)(7-6.25 x 2.5"DC) (10-4.5"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	8,800.0	8,890.0	7,822.0	140.5	30.0	394	15	60	1,500.0	144	175	12,70
Original Hole	8,890.0		0	0								0.0

AFE Number 1702115US	
Start Depth (ftKB) 8,800.0	End Depth (ftKB) 8,890.0
Target Formation Wasatch	Target Depth (ftKB) 8,762.0
Last Casing String Surface, 1,052.0ftKB	
Daily Contacts	
Job Contact	Mobile
Scott Seely	435-828-11-1
Brent Bascom	970-250-2928

Rigs	
Capstar Drilling, 316	
Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Eric Thompson	Phone Mobile 307-259-8473

1, Gardner-Denver, PZ-9			
Pump # 1	Pwr (hp)	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079	
P (psi) 1,500.0	Slow Spd No	Strokes (s...) 125	Eff (%) 95
P (psi) 1,500.0	Slow Spd No	Strokes (s...) 125	Eff (%) 95

2, Gardner-Denver, PZ-9			
Pump # 2	Pwr (hp)	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b...) 0.079	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
DAP	35.00	29.0
Engineering	450.00	1.0
Rental	50.00	1.0
Tax	1.00	71.45
Walnut	14.50	8.0

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 6/19/2015
 Report #: 12.0, DFS: 7.85
 Depth Progress: 0.00

Well Name: COX 12-31-3-1E

UWI/API 43-047-54797		Surface Legal Location		License #	
Spud Date 5/27/2015 15:00		Date TD Reached (wellbore) 6/18/2015 09:00		Rig Release Date 6/19/2015 17:00	
		Ground Elevation (ft) 4,980.00		Orig KB Elev (ft) 4,992.00	
Completion Type					
Weather Clear		Temperature (°F) 95.0		Road Condition Good	
				Hole Condition Good	
Operation At 6am Rig Down			Operation Next 24hrs M.I.R.U., Gardner State 12-25-3-2E		

AFE Number 1702115US	
Start Depth (ftKB) 8,890.0	End Depth (ftKB) 8,890.0
Target Formation Wasatch	Target Depth (ftKB) 8,762.0
Last Casing String Surface, 1,052.0ftKB	

24 Hr Summary
 Ran 204 Jts ,5.5" 17 lb/ft CP-80 Production Casing, Set @ 8867', Landed Casing Hanger W 115k.- Rig up Halliburton, Pressure Test lines to 5000 psi. Pump 10 bbl Fresh Water ,172 bbl (410 sx) 11.0 ppg, 2.36 cuft/sk Lead Cement @ 6 bbl/min., 192 bbl (650 sx) 13.1 ppg, 1.66 cuft/sk Tail cement @ 6 bbl/min, Good Returns . Displace w/ 206 bbl. Fresh water - Returns slowed to 1/4 bbl/min @ 3 bbl/min. slow pump Rate 1960 psi lift pressure @ 3 bbl/ min. Land Latch Down Plug w/ 2560 psi, Floats Held. No cement to Surface. Nipple Down BOP, Clean Pits, Release Rig @ 17:00, 6/19/2015.

Daily Contacts	
Job Contact	Mobile
Scott Seely	435-828-11-1
Brent Bascom	970-250-2928

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	10:00	4.00	4.00	12	RUN CASING & CEMENT	Run 204 Jts. 5.5" 17 lb/ft, CP-80 LT&C Production Casing, Set @ 8867', Float Collar Set @ 8821', Wasatch Marker Set @ 7868', TGR3 Marker set @ 5743', Landed Casing Hanger w/ 115K
10:00	12:30	2.50	6.50	12	RUN CASING & CEMENT	Rig up Halliburton, Pressure Test lines to 5000 psi. Pump 10 bbl Fresh Water ,172 bbl (410 sx) 11.0 ppg, 2.36 cuft/sk Lead Cement @ 6 bbl/min., 192 bbl (650 sx) 13.1 ppg, 1.66 cuft/sk Tail cement @ 6 bbl/min, Good Returns . Displace w/ 206 bbl. Fresh water - Returns slowed to 1/4 bbl/min @ 3 bbl/min. slow pump Rate 1960 psi lift pressure @ 3 bbl/ min. Land Latch Down Plug w/ 2560 psi, Floats Held. No cement to Surface.
12:30	13:00	0.50	7.00	12	RUN CASING & CEMENT	Rig Down Cementers. Lay Down CRT & Landing Joint
13:00	17:00	4.00	11.00	1	RIGUP & TEARDOWN	Nipple Down BOP, Clean Pits, Release Rig @ 17:00, 6/19/2015

Rigs	
Capstar Drilling, 316	
Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Eric Thompson	Phone Mobile 307-259-8473

1, Gardner-Denver, PZ-9			
Pump # 1	Pwr (hp)	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.079	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

2, Gardner-Denver, PZ-9			
Pump # 2	Pwr (hp)	Rod Dia (in)	
Liner Size (in) 6	Stroke (in) 9.02	Vol/Stk OR (b... 0.079	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)

Mud Checks

8,890.0ftKB, 6/19/2015 09:30

Type DAP	Time 09:30	Depth (ftKB) 8,890.0	Density (lb/gal) 10.10	Funnel Viscosity (s/qt) 31	PV Override (cP) 6.0	YP OR (lb/100ft²) 6.000
Gel 10 sec (lb/100ft²) 9.000	Gel 10 min (lb/100ft²) 15.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%) 8.5	Solids (%) 0.3
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 13,000.000	Calcium (mg/L)	Pf (mL/mL) 0.1	Pm (mL/mL) 0.100	Gel 30 min (lb/100ft²)
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Engineering	450.00	1.0
Rental	50.00	1.0
Sea Mud	15.50	21.0
Tax	1.00	22.72

Drill Strings

BHA #1, Steerable

Bit Run 1	Drill Bit 7 7/8in, Z616, JJ1582	Length (ft) 1.00	IADC Bit Dull 1-1-WT-A-X-0-NO-TD	TFA (incl Noz) (in²) 1.80	BHA ROP... 55.7
Nozzles (1/32") 16/16/16/16/16/16		String Length (ft) 617.88		Max Nominal OD (in) 6.500	
String Components Smith Z616, MUD MOTOR, UBHO, NMDC, NMDC, Drill Collar, HWDP					
Comment Smith Z616, (Hunting MM 6.5", 7/8, 3.3 Stg, 1.5°, Fixed .16 RPG)(UBHO 6.5"x2.875")(2-6.5"x2.875"NMDC)(7-6.25 x 2.5"DC) (10-4.5"HWDP)					

Safety Checks		
Time	Type	Des

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	8,890.0			140.50								

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
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: Cox 12-31-3-1E
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP		9. API NUMBER: 43047547970000
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: 1654 FSL 1049 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 31 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	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/7/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER OTHER: <input style="width: 100px;" type="text"/>	
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 Cox 12-31-3-1E on July 7, 2015.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 10, 2015		
NAME (PLEASE PRINT) Kelly Beverlin	PHONE NUMBER 720 880-3635	TITLE Engineering Technician
SIGNATURE N/A		DATE 8/7/2015

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG		5. LEASE DESIGNATION AND SERIAL NUMBER:
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME
2. NAME OF OPERATOR:		8. WELL NAME and NUMBER:
3. ADDRESS OF OPERATOR: CITY STATE ZIP PHONE NUMBER:		9. API NUMBER:
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH:		10 FIELD AND POOL, OR WILDCAT
		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
		12. COUNTY 13. STATE UTAH

14. DATE SPUDDED:	15. DATE T.D. REACHED:	16. DATE COMPLETED: ABANDONED <input type="checkbox"/> READY TO PRODUCE <input type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL):
18. TOTAL DEPTH: MD TVD	19. PLUG BACK T.D.: MD TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? *	21. DEPTH BRIDGE MD PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)		23. WAS WELL CORED? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input type="checkbox"/> (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

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS: <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION	<input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS	<input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____	<input type="checkbox"/> DIRECTIONAL SURVEY	30. WELL STATUS:
---	--	--	---	------------------

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:
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 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.)

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.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

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) _____ TITLE _____

SIGNATURE _____ DATE _____

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- 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

Crescent Point Energy
Cox 12-31-3-1E - Actual

Unitah County
SECTION 31 T3S, R1E
Your Ref: CAPSTAR 316 RKB @ 4994.5'

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0	0	0	0	0	0	0	0
1079	1.1	176.1	1078.93	-10.33	0.7	-6.52	0.1
1165	1.3	181.1	1164.91	-12.13	0.74	-7.58	0.26
1250	1	189.5	1249.9	-13.83	0.6	-8.44	0.4
1336	1.1	184.9	1335.88	-15.39	0.41	-9.18	0.15
1421	0.8	225.2	1420.87	-16.62	-0.08	-9.48	0.84
1507	1.5	296.4	1506.86	-16.54	-1.52	-8.27	1.69
1592	1.9	308	1591.82	-15.18	-3.63	-5.76	0.62
1678	2.7	315	1677.75	-12.87	-6.18	-2.34	0.98
1763	4	318.7	1762.6	-9.23	-9.55	2.51	1.55
1849	4.9	322.1	1848.34	-4.08	-13.79	8.94	1.09
1935	6.3	323.4	1933.93	2.61	-18.86	16.93	1.63
2020	7.6	323.4	2018.31	10.87	-24.99	26.7	1.53
2106	8.2	321.9	2103.49	20.26	-32.17	37.97	0.74
2191	7.8	321	2187.66	29.51	-39.54	49.32	0.49
2277	9.5	319	2272.68	39.4	-47.87	61.82	2.01
2362	9.4	317.5	2356.53	49.82	-57.16	75.4	0.31
2448	9.3	318.3	2441.38	60.18	-66.53	89.03	0.19
2534	9.2	318.1	2526.27	70.49	-75.74	102.49	0.12
2619	9.5	319.1	2610.14	80.85	-84.87	115.92	0.4
2705	9.6	318.8	2694.94	91.61	-94.24	129.77	0.13
2790	9.2	317.4	2778.8	101.94	-103.51	143.29	0.54
2876	8.8	316.5	2863.74	111.77	-112.69	156.46	0.49
2962	8.5	315.3	2948.77	121.06	-121.69	169.16	0.41
3047	8.4	312	3032.84	129.68	-130.72	181.51	0.58
3133	7.9	308.7	3117.98	137.58	-140	193.64	0.8
3218	7	308.4	3202.26	144.45	-148.62	204.64	1.06
3304	6.4	311.4	3287.67	150.88	-156.32	214.64	0.81
3389	6.3	312.7	3372.15	157.17	-163.3	223.97	0.21
3475	7	313.2	3457.57	163.96	-170.59	233.83	0.82
3560	7.3	317.9	3541.91	171.51	-177.99	244.23	0.77
3646	7.3	319.1	3627.21	179.7	-185.23	254.85	0.18

3732	8	315.7	3712.45	188.11	-192.98	266.04	0.97
3817	8.5	317.3	3796.57	196.96	-201.38	277.99	0.65
3903	9.7	313.7	3881.48	206.63	-210.92	291.37	1.54
3988	10.2	316.1	3965.2	217.01	-221.32	305.83	0.76
4074	9.8	318	4049.9	227.93	-231.5	320.44	0.6
4159	8.9	312.1	4133.77	237.72	-241.22	334.02	1.55
4244	9.8	315.6	4217.64	247.29	-251.16	347.66	1.25
4330	9.4	320	4302.44	257.9	-260.79	361.64	0.97
4415	9.4	318.3	4386.3	268.4	-269.87	375.1	0.33
4501	7.5	310.1	4471.36	277.26	-278.84	387.53	2.61
4587	7.5	308.6	4556.63	284.38	-287.52	398.73	0.23
4672	7.2	315.3	4640.93	291.63	-295.6	409.51	1.07
4758	7.7	321.4	4726.2	299.96	-302.99	420.34	1.09
4843	8.4	319.3	4810.37	309.12	-310.59	431.82	0.89
4929	8	318	4895.49	318.33	-318.69	443.75	0.51
5014	7.6	310.9	4979.7	326.4	-326.89	455.1	1.23
5100	7.4	314.3	5064.97	333.99	-335.16	466.23	0.57
5185	7.3	314.4	5149.27	341.6	-342.93	476.96	0.12
5271	7.3	319.5	5234.57	349.57	-350.38	487.64	0.75
5357	6.9	323.1	5319.91	357.86	-357.04	497.85	0.7
5442	5.6	316.4	5404.41	364.95	-362.96	506.77	1.75
5527	4.4	315.9	5489.08	370.29	-368.09	514.04	1.41
5613	2.4	305.4	5574.93	373.7	-371.85	519.08	2.43
5699	2.3	343.9	5660.86	376.4	-373.8	522.23	1.8
5784	1.9	335.2	5745.8	379.32	-374.86	524.77	0.6
5870	1.2	327	5831.77	381.37	-375.95	526.84	0.85
5955	0.9	298.8	5916.76	382.44	-377.02	528.33	0.69
6041	1	236.3	6002.75	382.35	-378.24	529.27	1.15
6124	1.4	204.1	6085.73	381.02	-379.26	529.34	0.93
6212	1.8	193.2	6173.7	378.69	-380.01	528.62	0.57
6298	1.8	201.7	6259.65	376.12	-380.82	527.81	0.31
6383	2.1	199.8	6344.6	373.42	-381.84	527.09	0.36
6469	2	200	6430.55	370.53	-382.89	526.28	0.12
6554	1.7	196.4	6515.5	367.92	-383.75	525.49	0.38
6640	1.7	192.9	6601.47	365.46	-384.39	524.6	0.12
6725	2	182.9	6686.42	362.75	-384.75	523.34	0.52
6811	2.4	180.2	6772.36	359.45	-384.83	521.51	0.48
6896	2.4	175.5	6857.28	355.89	-384.7	519.36	0.23
6982	2.4	184.6	6943.21	352.3	-384.7	517.3	0.44
7067	1.4	225.5	7028.17	349.8	-385.59	516.58	1.91
7153	1.3	190.9	7114.14	348.11	-386.52	516.37	0.94
7238	1.8	192.9	7199.11	345.86	-387	515.47	0.59
7324	1.8	203.8	7285.07	343.31	-387.85	514.7	0.4
7409	1.9	212	7370.03	340.89	-389.13	514.36	0.33
7495	1.8	207	7455.98	338.48	-390.5	514.09	0.22
7581	2.1	202.7	7541.93	335.82	-391.72	513.57	0.39
7666	2.1	207.2	7626.87	333	-393.04	513.02	0.19

7751	2.3	203.8	7711.81	330.05	-394.44	512.47	0.28
7837	2.2	203.4	7797.74	326.96	-395.79	511.8	0.12
7922	2.1	199.8	7882.68	324	-396.96	511.06	0.2
8008	2.2	201.8	7968.62	320.98	-398.11	510.27	0.15
8094	2	197.8	8054.57	318.02	-399.18	509.44	0.29
8179	2.1	196.6	8139.51	315.11	-400.08	508.51	0.13
8265	2.4	201.6	8225.45	311.93	-401.19	507.59	0.42
8350	2.3	194.6	8310.37	308.62	-402.28	506.58	0.36
8436	2.2	196.6	8396.31	305.37	-403.18	505.45	0.15
8522	2.5	202	8482.24	302.05	-404.36	504.5	0.43
8607	2.4	197.8	8567.16	298.64	-405.6	503.55	0.24
8693	2.5	201.1	8653.08	295.17	-406.82	502.57	0.2
8778	2.2	198	8738.01	291.89	-407.99	501.64	0.38
8821	2.4	197.3	8780.97	290.25	-408.52	501.12	0.47
8890	2.4	197.3	8849.91	287.49	-409.38	500.24	0

All data are in feet unless otherwise stated. Directions and coordinates are relative to True North. Vertical depths are relative to Cox 12-31-3-1E. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100 feet.

Vertical Section is from Slot and calculated along an Azimuth of 305.079° (True).

Coordinate System is North American Datum 1983 US State Plane 1983, Utah Central Zone.

Central meridian is -111.500°.

Grid Convergence at Surface is 1.005°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 8890.00ft., the Bottom Hole Displacement is 500.24ft., in the Direction of 305.079° (True).

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: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Cox 12-31-3-1E
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP	9. API NUMBER: 43047547970000
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202	PHONE NUMBER: 720 880-3621 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1654 FSL 1049 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 31 Township: 03.0S Range: 01.0E Meridian: U	9. FIELD and POOL or WILDCAT: WILDCAT
	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/19/2015			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Please see attached application to commingle production formations for Cox 12-31-3-1E

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

Date: _____
By: DeKQ

NAME (PLEASE PRINT) Valari Cray	PHONE NUMBER 303 880-3637	TITLE Drilling And Completion Tech
SIGNATURE N/A	DATE 8/18/2015	



August 18, 2015

Utah Division of Oil, Gas & Mining
Attention: Dustin Doucet
1594 West North Temple, Suite 1120
Salt Lake City, Utah 84116

RE: Sundry Notices
Cox 12-31-3-1E
Uintah County, UT

Dear Mr. Doucet:

Crescent Point Energy has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the subject well. Pursuant to the Utah OGM regulations, we have enclosed a copy of the Sundry Notice, a plat showing the owners of contiguous leases, as well as an affidavit confirming notice.

If you should have any questions regarding these Sundry Notices, please feel free to contact me at 303-308-6794.

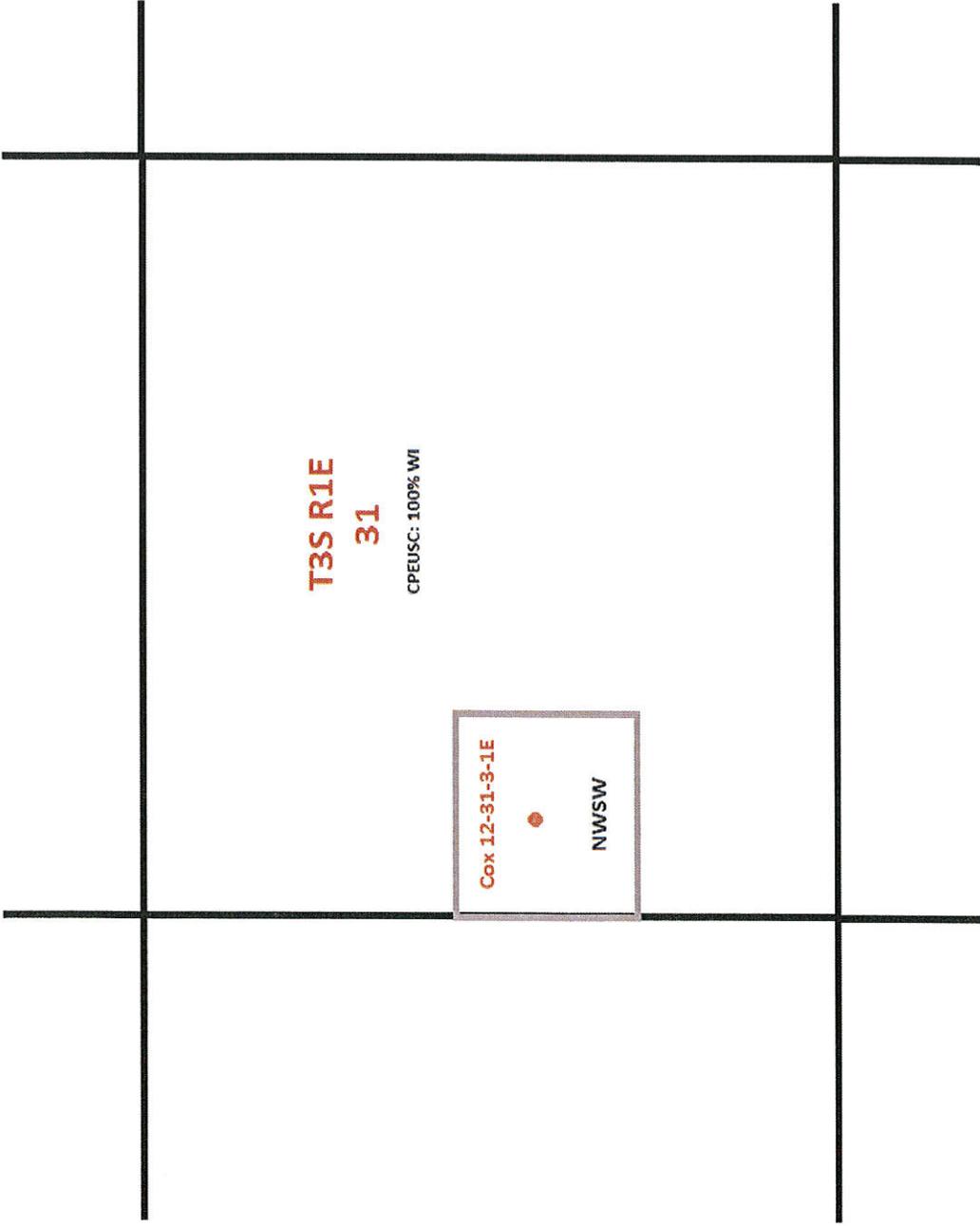
Sincerely,

A handwritten signature in blue ink, appearing to read 'Andrew M. Stone', is written over a light blue horizontal line.

Andrew M. Stone
Land Consultant

Enclosures

 Crescent Point <small>ENERGY U.S. LOGO</small>	40 Acre Spacing Unit	



In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, Completion Into Two Or More Pools, Crescent Point Energy is submitting this sundry to request commingling approval for the Wasatch and Green River formations based on the following conclusions:

- Oil and associated gas compositions are similar across all formations.
- The respective well is located within a 40-acre unspaced unit
- The pressure profile across the formations is similar and Crescent Point Energy does not anticipate any cross flow.
- Following commingling, production will be considered to be from one pool.
- In the event that allocation by zone or interval is required, Crescent Point Energy would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval.

A letter, an affidavit(s) of notice, and plat are attached.

AFFIDAVIT OF NOTICE

Ryan Waller, of lawful age, after having first duly sworn upon his oath, disposes and states:

That he is employed by Crescent Point Energy U.S. Corp. ("Crescent Point") as District Landman. Crescent Point has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the following well within the Randlett Exploration and Development Agreement Area:

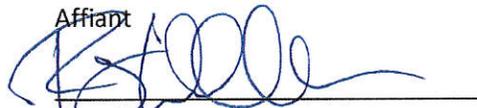
Cox 12-31-3-1E: NWSW Section 31 T3S-R1E

That in compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notice, via certified mail, to the owners (see listed below) of all contiguous oil and gas leases or drilling units overlying the pool.

Broughton Petroleum Inc.
PO Box 1389
Sealy, TX 77474

Cat Springs Properties, LLC
PO Box 450
Sealy, TX 77474

Date: October 16, 2015

Affiant


Ryan Waller
District Landman