

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Kendall 7-17-3-1E				
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 INDEPENDENCE				
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') Mike Kendall						14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-546-2230				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1638 E. Gordon Avenue, ,						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 checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		2185 FNL 1957 FEL		SWNE	17	3.0 S	1.0 E	U		
Top of Uppermost Producing Zone		2185 FNL 1957 FEL		SWNE	17	3.0 S	1.0 E	U		
At Total Depth		2185 FNL 1957 FEL		SWNE	17	3.0 S	1.0 E	U		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1957			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 920			26. PROPOSED DEPTH MD: 9351 TVD: 9351				
27. ELEVATION - GROUND LEVEL 4975			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	8.625	0 - 2000	24.0	J-55 ST&C	8.3	Class G	435	2.5	12.0
							Class G	315	1.15	15.8
Prod	7.875	5.5	0 - 9351	17.0	N-80 LT&C	10.0	Light (Hibond)	280	3.82	11.0
							Class G	565	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 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 12/16/2014			EMAIL kjohnson@crecidentpointenergy.com				
API NUMBER ASSIGNED 43047551300000			APPROVAL			 Permit Manager				

Crescent Point Energy U.S. Corp
Kendall 7-17-3-1E
 SW/NE of Section 17, T3S, R1E, USB&M
 2185' FNL & 1957' FEL
 Uintah County, Utah

DRILLING PLAN

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

Formation	Depth – TVD/MD
Uinta	Surface
Upper Green River Marker	4,720'
Mahogany	5,268'
Garden Gulch (TGR3)	6,556'
Douglas Creek	7,413'
Black Shale	7,829'
Castle Peak	7,962'
Uteland	8,241'
Wasatch	8,351'
TD	9,351'

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

Green River Formation (Oil) 4,720' – 8,351'
 Wasatch Formation (Oil) 8,351' – 9,351'

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 8-5/8" Hole Size 12-1/4"	0'	2,000'	24	J-55	STC	2,950 810 3.64	1,370 1,117 1.22	244,000 48,000 5.08	API Load SF
Prod casing 5-1/2" Hole Size 7- 7/8"	0'	9,351'	17	L-80	LTC	7,740 6,190 1.25	6,290 4,780 1.32	348,000 159,000 2.13	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 Lead	1500' - surface	Class V 2% chlorides	75%	435	12.0	2.5
Surface casing Tail	2000' – 1500'	Class V 2% chlorides	75%	315	15.8	1.15
Prod casing Lead	4700' to Surface	Hifill Class V 3% chlorides	25% in open-hole, 0% in cased hole	280	11	3.82
Prod casing Tail	TD to 4700'	Class G 10% chlorides	15%	565	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 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

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

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

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

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

A Form 9, "Sundry Notices and Reports on Wells" shall be filed with 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 $\pm 2000'$ 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 $\pm 2000'$ 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

When drilling the 12 ¼" surface hole, an annular diverter or rotating head will be used for well 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

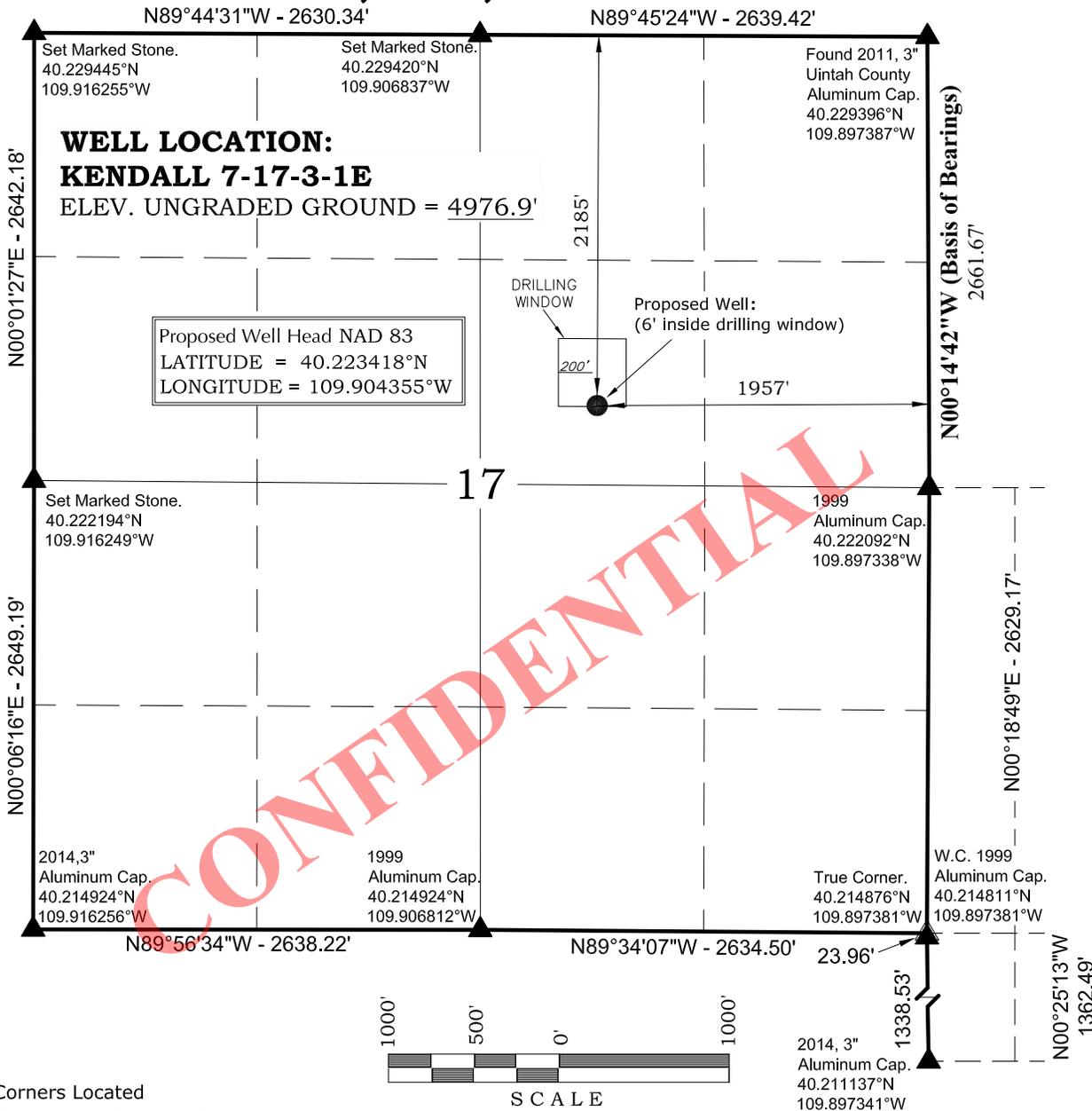
It is anticipated that drilling operations will commence as soon as possible following permit approval and will take approximately ten (10) days from spud to rig release and two weeks for completions.

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)

CONFIDENTIAL

T3S, R1E, U.S.B.&M.



NOTES:

- ▲ = Section Corners Located
- △ = Section Corners Located Not Monumented
- 1. Well footages are measured at right angles to the Section Lines.
- 2. Bearings and distances shown on this plat are based upon a local Cartesian Grid which is oriented to Geodetic North at the SE Corner of Section 36, T3S, R1E, U.S.B.&M. the grid having a mean project height of 5,000'. Lineal units used are U.S. Survey Foot. Trimble G.P.S. equipment was used in performance of this survey.
- 3. Latitude and Longitude are NAD 83 (2011) Epoch 2010. Elevations are NAVD 88. Both derived from the Utah Virtual Reference Station Control System (VRS).

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR
 LICENCE No. 6028691
 STATE OF UTAH

John R. Staugh
 JOHN R. STAUGH
 No. 6028691
 10-28-14

CRESCENT POINT ENERGY
 555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL PLAT

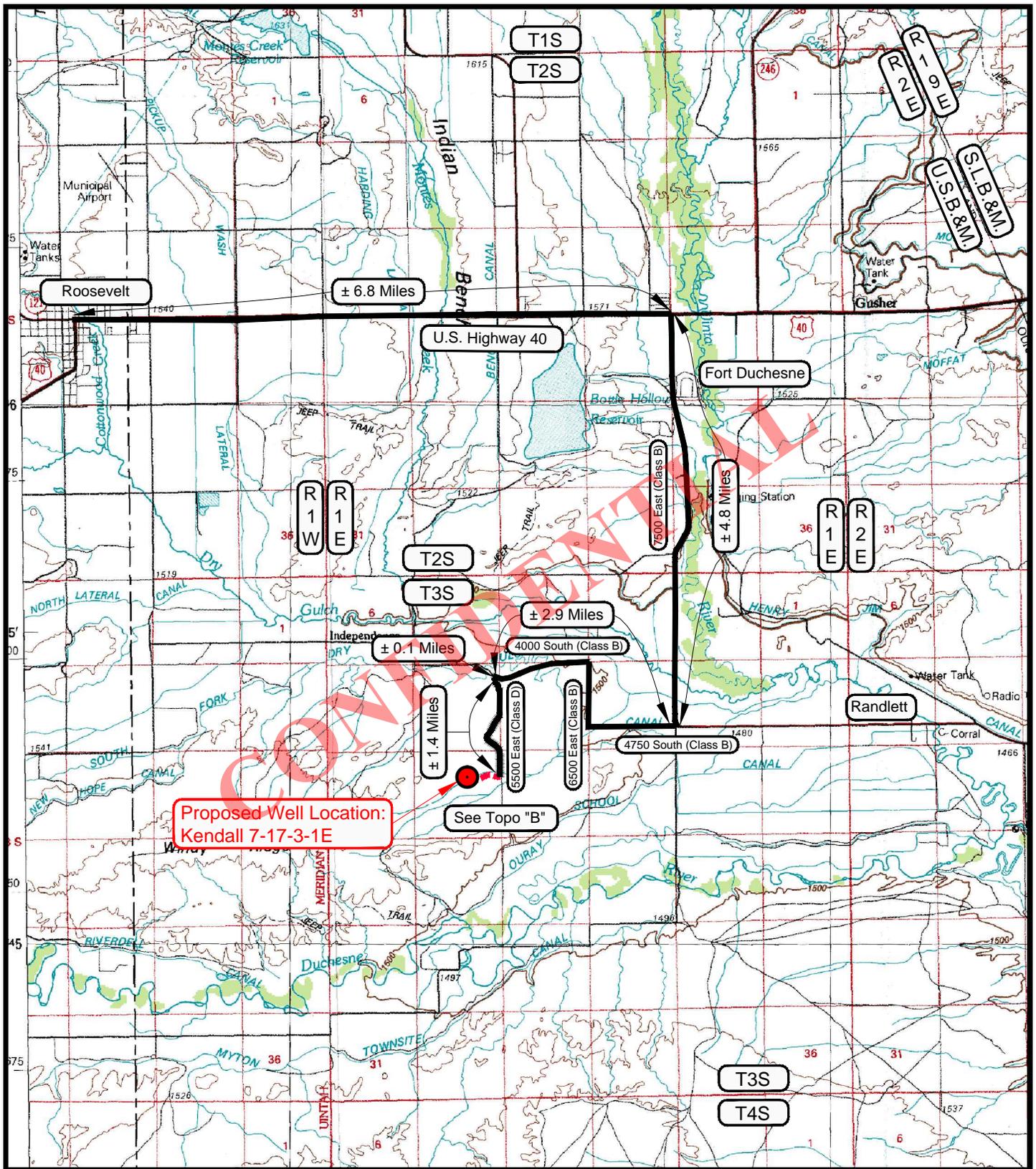
KENDALL 7-17-3-1E
2185' FNL, 1957' FEL
SW ¼ NE ¼ OF SECTION 17, T3S, R1E,
U.S.B.&M., UTAH COUNTY, UTAH.



TIMBERLINE (435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 09-19-14	SURVEYED BY: A.F.	SHEET NO: 1 OF 13
DATE DRAWN: 10-15-14	DRAWN BY: A.P.	
SCALE: 1" = 1000'		



Proposed Well Location:
Kendall 7-17-3-1E

See Topo "B"

CRESCENT POINT ENERGY
555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL - KENDALL 7-17-3-1E
2185' FNL & 1957' FEL
LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., UINAH COUNTY, UTAH.

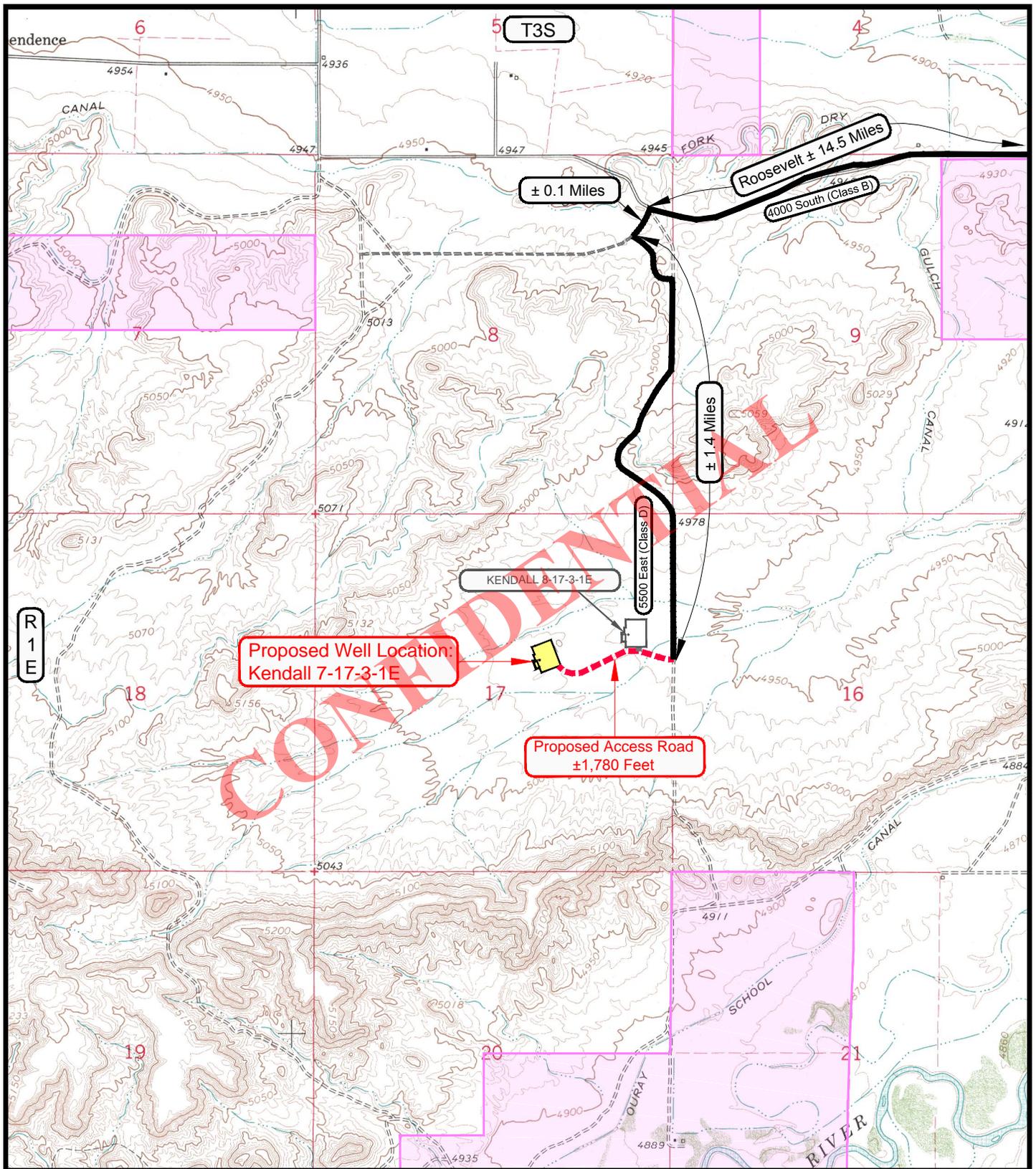
TIMBERLINE	(435) 789-1365	SHEET
ENGINEERING & LAND SURVEYING, INC.		6
209 NORTH 300 WEST - VERNAL, UTAH 84078		OF 13

LEGEND

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER



TOPOGRAPHIC MAP "A"		DATE SURVEYED: 09-19-14
SCALE: 1:100,000	DRAWN BY: A.P.	DATE DRAWN: 10-15-14
		REVISED:



CONFIDENTIAL

CRESCENT POINT ENERGY

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

WELL - KENDALL 7-17-3-1E
2185' FNL & 1957' FEL
LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., UTAH COUNTY, UTAH.

LEGEND

- PROPOSED ACCESS ROAD (red dashed line)
- SUBJECT WELL (yellow square)
- OTHER WELLS (black square)
- EXISTING ROAD (black line)
- EXISTING ROAD (TO BE IMPROVED) (orange line)
- PROPOSED WELL (white square)
- B-5460 = COUNTY ROAD CLASS & NUMBER
- LEASE LINE AND / OR PROPERTY LINE (blue line)
- UTE INDIAN TRIBE (pink shaded area)
- FEE (white area)



TOPOGRAPHIC MAP "B"

DATE SURVEYED: 09-19-14

DATE DRAWN: 10-15-14

SCALE: 1" = 2000'

DRAWN BY: A.P.

REVISED:

TIMBERLINE

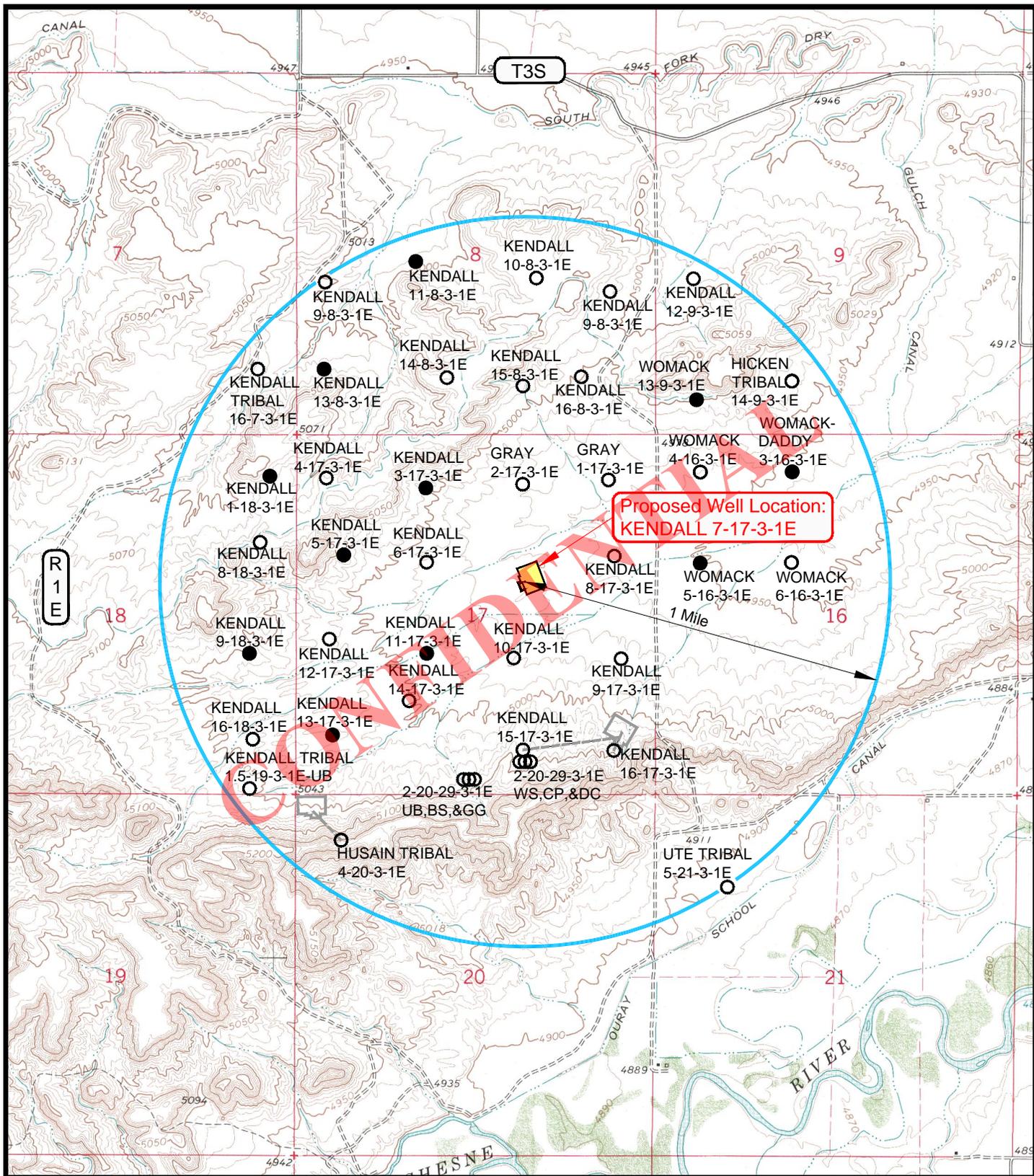
(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

SHEET

7

OF 13



CRESCENT POINT ENERGY
555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL - KENDALL 7-17-3-1E
2185' FNL & 1957' FEL
LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., UINTAH COUNTY, UTAH.

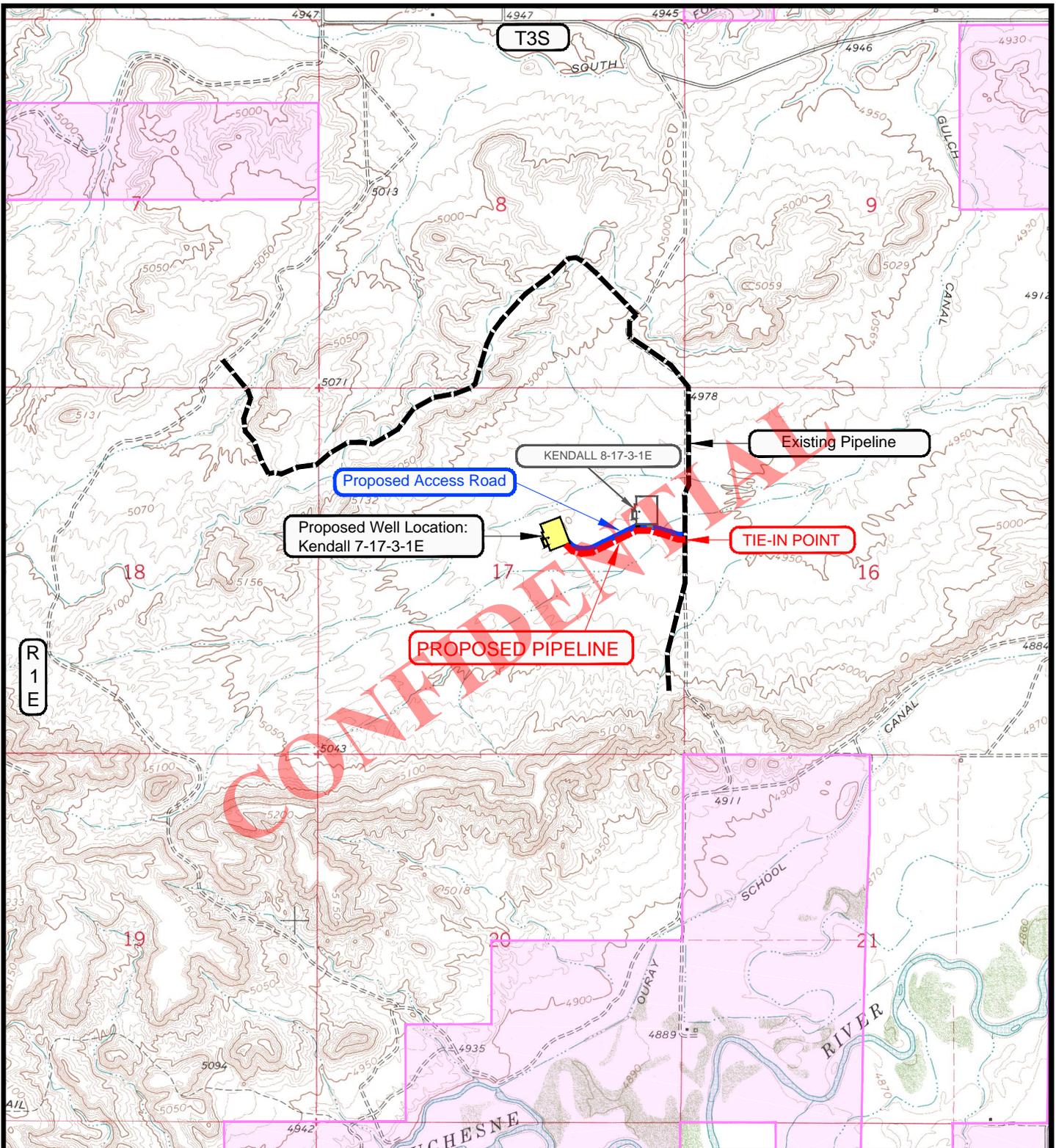
LEGEND

- ⊘ = DISPOSAL WELL
- = PRODUCING WELL
- = SHUT IN WELL
- = PROPOSED WELL
- ⊘ = WATER WELL
- = ABANDONED WELL
- = TEMPORARILY ABANDONED WELL
- ⊘ = ABANDONED LOCATION



TOPOGRAPHIC MAP "C"		DATE SURVEYED: 09-19-14
SCALE: 1" = 2000'		DATE DRAWN: 10-15-14
DRAWN BY: A.P.	REVISED:	

	(435) 789-1365	SHEET
	ENGINEERING & LAND SURVEYING, INC. 209 NORTH 300 WEST - VERNAL, UTAH 84078	
		OF 13



APPROXIMATE PIPELINE LENGTH = ±1,845 FEET

CRESCENT POINT ENERGY

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

LEGEND

- = PROPOSED PIPELINE
- = OTHER PIPELINE
- = PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = LEASE LINE AND/OR PROPERTY LINE
- = PROPOSED WELL
- = UTE INDIAN TRIBE
- = FEE



WELL - KENDALL 7-17-3-1E
2185' FNL & 1957' FEL
LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., UINTAH COUNTY, UTAH.

TOPOGRAPHIC MAP "D"

DATE SURVEYED: 09-19-14

DATE DRAWN: 10-15-14

SCALE: 1" = 2000'

DRAWN BY: A.P.

REVISED:

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

SHEET

9

OF 13

MEMORANDUM of SURFACE USE AGREEMENT AND GRANT OF EASEMENTS

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

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

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

- Township 3 South, Range 1 East, USM**
 Section 17: W/2, SE/4, S/2NE/4
 Section 18: Lots 1, 2, 3, 4 (being the W/2W/2), E/2SW/4, SE/4, E/2NE/4
 Section 19: Lots 1, 2, 3, 4, E/2W/2, E/2 (All)
 Section 30: Lots 3, 4, 5, 6, 7 (being the NW/4 and the NW/4NE/4)

- Township 3 South, Range 1 West, USM**
 Section 13: NE/4, NE/4SE/4, W/2SE/4, W/2SE/4SE/4, E/2E/2SE/4SE/4

WHEREAS, for an agreed upon monetary consideration, Operator may construct the necessary well site pads for drilling, completion, re-completion, reworking, re-entry, production, maintenance and operation of wells ("Well Pads") on the Property. Ute Energy, its agents, employees, assigns, contractors and subcontractors, may enter upon and use the Well Pads for the purposes of drilling, completing, producing, maintaining, and operating wells to produce oil, gas and associated hydrocarbons, including the construction and use of frac pits, tank batteries, water disposal pits, production equipment, compressor sites and other facilities used to produce and market the 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, its employees, contractors, sub-contractors, agents and business invitees 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, 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 6th day of March, 2012



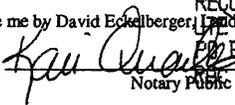
David Eckelberger
Landman

ACKNOWLEDGEMENT

STATE OF COLORADO)
) ss
COUNTY OF DENVER)

Entry 2012002111
Book 1268 Page 644 \$14.00
14-MAR-12 02:04
RANDY SIMMONS
RECORDER, UINTAH COUNTY, UTAH
PO BOX 789 FT DUCHESNE, UT 84026
By: TONYA ATWOOD, DEPUTY

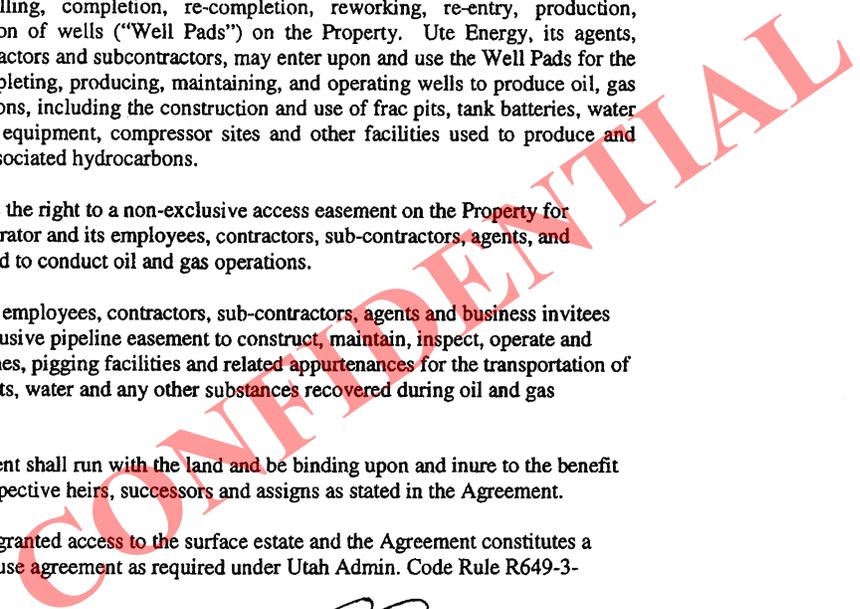
The foregoing instrument was acknowledged before me by David Eckelberger, Landman for Ute Energy Upstream Holdings LLC this 6th day of March, 2012.


Notary Public

Notary Seal:

My Commission expires:
September 15, 2014
Date

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



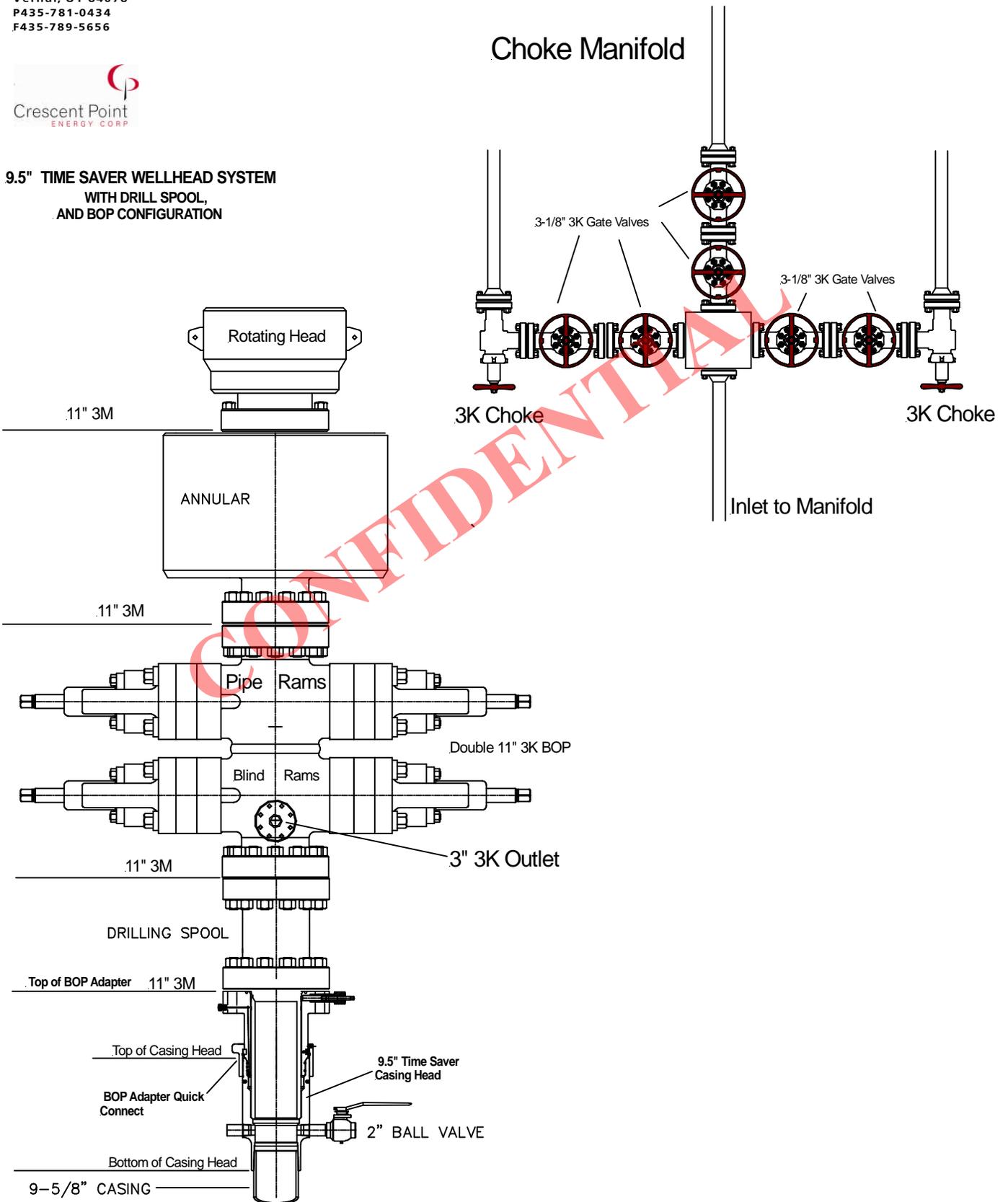


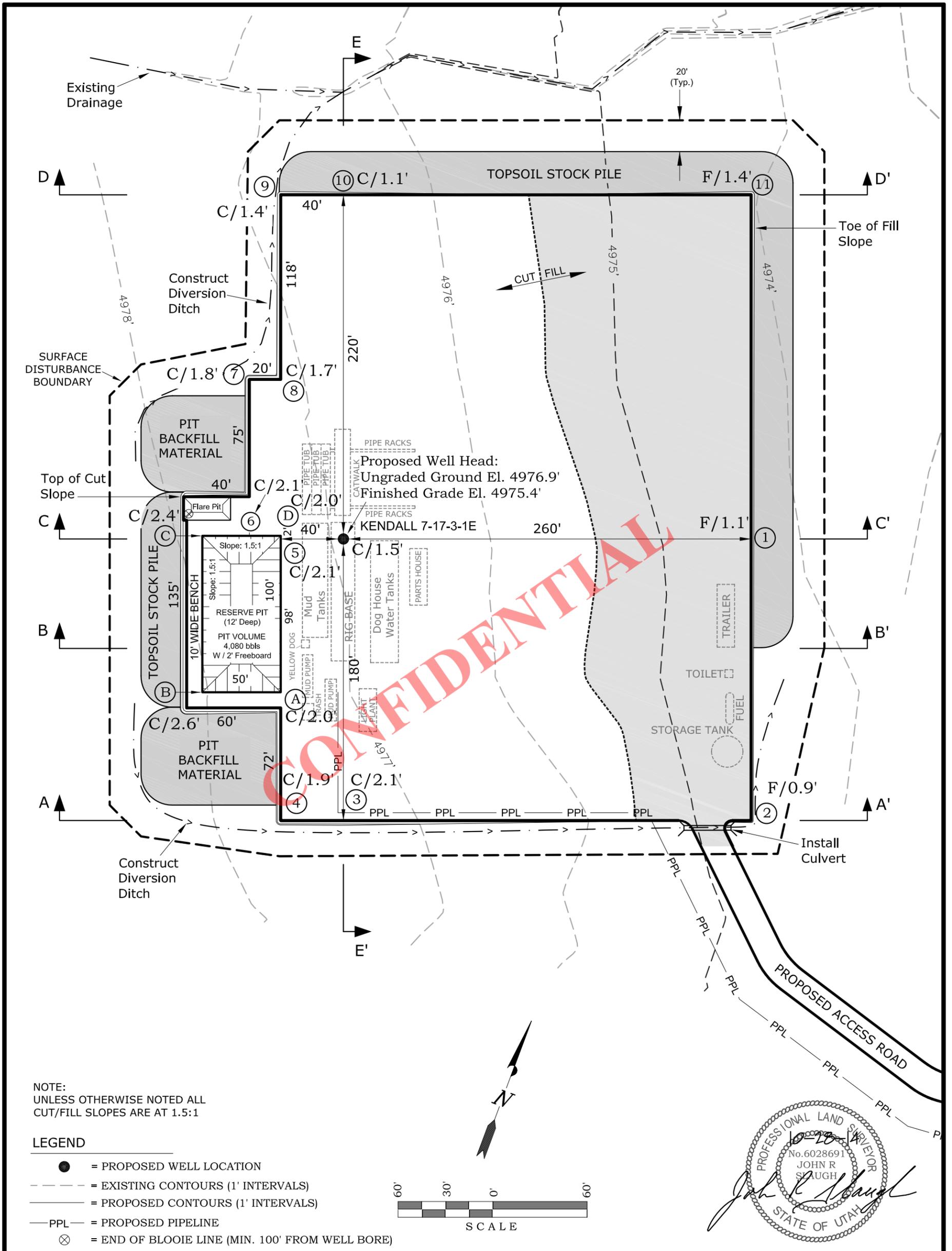
519 E. 300 S.
Vernal, UT 84078
P435-781-0434
F435-789-5656

Oct, 18, 2013



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





NOTE:
UNLESS OTHERWISE NOTED ALL
CUT/FILL SLOPES ARE AT 1.5:1

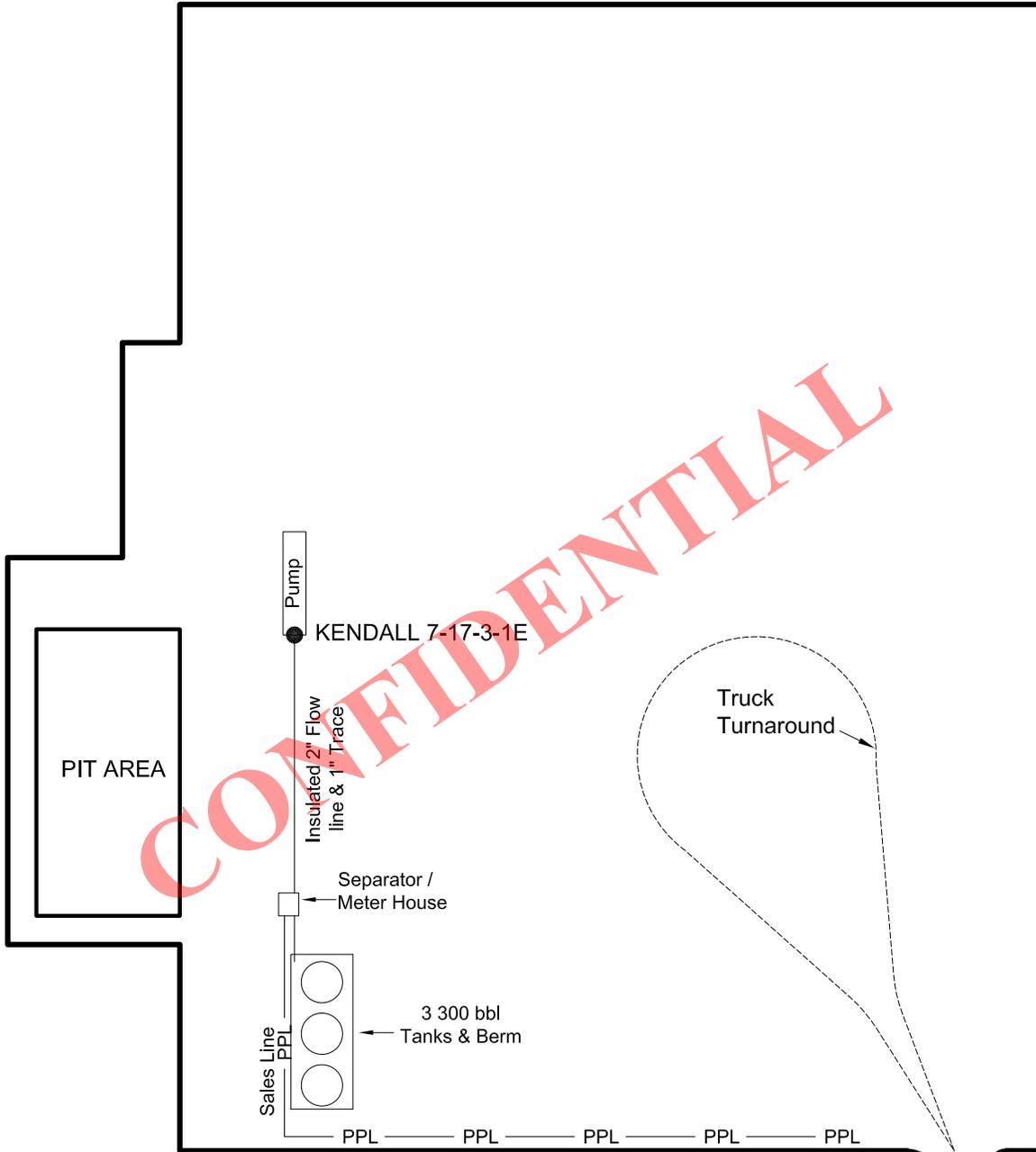
LEGEND

- = PROPOSED WELL LOCATION
- - - - = EXISTING CONTOURS (1' INTERVALS)
- = PROPOSED CONTOURS (1' INTERVALS)
- PPL — = PROPOSED PIPELINE
- ⊗ = END OF BLOOIE LINE (MIN. 100' FROM WELL BORE)



<p>CRESCENT POINT ENERGY 555 17th Street, Suite 1800 - Denver, Colorado 80202</p>	<p>PAD FOOTPRINT AREA = ±2.975 ACRES</p> <p>PAD DISTURBANCE AREA (Cut/Fill Slopes, Stockpiles) = ±3.687 ACRES</p> <p>AREA WITHIN SURFACE DISTURBANCE BOUNDARY = ±4.532 ACRES</p>	<p>REFERENCE POINTS: 270' NORTHERLY, EL = 4976.4' 320' NORTHERLY, EL = 4976.3' 310' EASTERLY, EL = 4973.8' 360' EASTERLY, EL = 4973.4'</p>							
	<p>WELL PAD - LOCATION LAYOUT</p> <p>KENDALL 7-17-3-1E 2185' FNL & 1957' FEL LOCATED IN SECTION 17, T3S, R1E, U.S.B.&M., UINTAH COUNTY, UTAH.</p>		<p>ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)</p> <p>6" Topsoil Stripping = 2,460</p> <p>Remaining Cut (Including Pit Material) = 3,170</p> <p>TOTAL CUT = 5,630</p> <p>FILL = 2,000</p> <p>Pit Backfill = 1,170, Excess Material = 0</p>	<p>TIMBERLINE (435) 789-1365</p> <p>ENGINEERING & LAND SURVEYING, INC. 209 NORTH 300 WEST - VERNAL, UTAH 84078</p> <table border="1"> <tr> <td>DATE SURVEYED: 09-19-14</td> <td>SURVEYED BY: A.F.</td> <td rowspan="3">SHEET NO: 2 OF 13</td> </tr> <tr> <td>DATE DRAWN: 10-15-14</td> <td>DRAWN BY: A.P.</td> </tr> <tr> <td>SCALE: 1" = 60'</td> <td>Date Last Revised:</td> </tr> </table>	DATE SURVEYED: 09-19-14	SURVEYED BY: A.F.	SHEET NO: 2 OF 13	DATE DRAWN: 10-15-14	DRAWN BY: A.P.
DATE SURVEYED: 09-19-14	SURVEYED BY: A.F.	SHEET NO: 2 OF 13							
DATE DRAWN: 10-15-14	DRAWN BY: A.P.								
SCALE: 1" = 60'	Date Last Revised:								

NOTE:
 PRODUCTION EQUIPMENT LOCATION
 COULD VARY DUE TO SITE AND OPERATION
 EFFECTIVENESS.



LEGEND

- = PROPOSED WELL LOCATION
- PPL — = PROPOSED PIPELINE

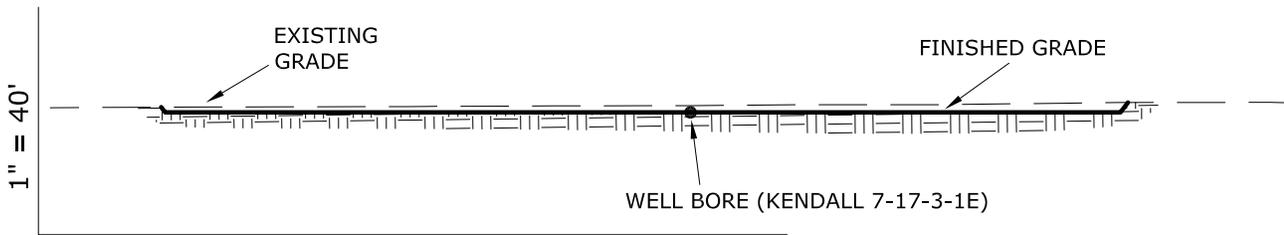
CRESCENT POINT ENERGY
 555 17th Street, Suite 1800 - Denver, Colorado 80202

WELL PAD - FACILITY DIAGRAM

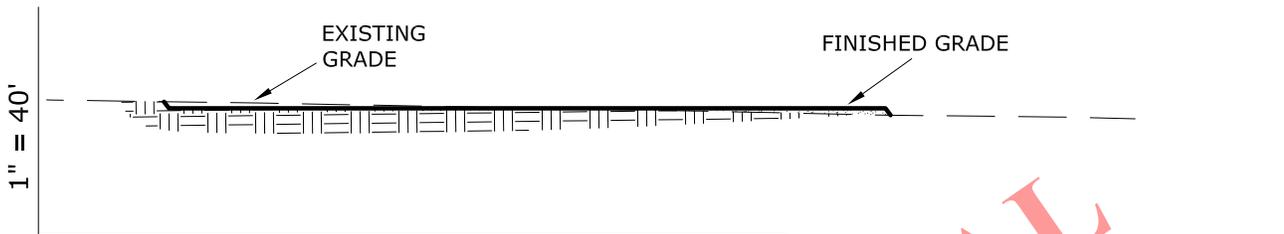
KENDALL 7-17-3-1E
2185' FNL & 1957' FEL
LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., Uintah County, Utah.



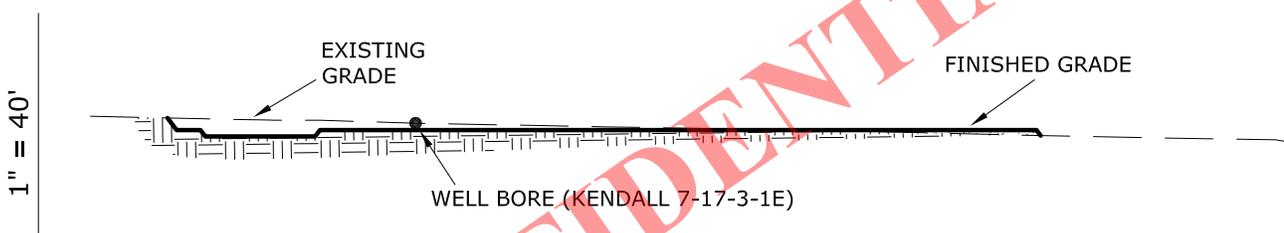
TIMBERLINE		(435) 789-1365
ENGINEERING & LAND SURVEYING, INC. 209 NORTH 300 WEST - VERNAL, UTAH 84078		
DATE SURVEYED: 09-19-14	SURVEYED BY: A.F.	3 OF 13
DATE DRAWN: 10-15-14	DRAWN BY: A.P.	
SCALE: 1" = 60'	Date Last Revised:	



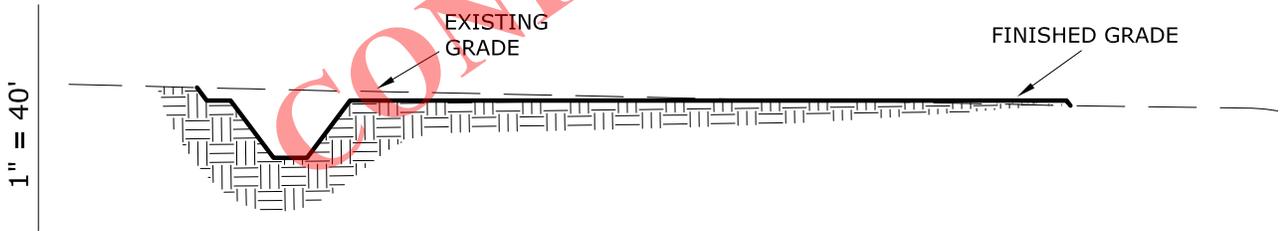
1" = 80' CROSS SECTION E-E'



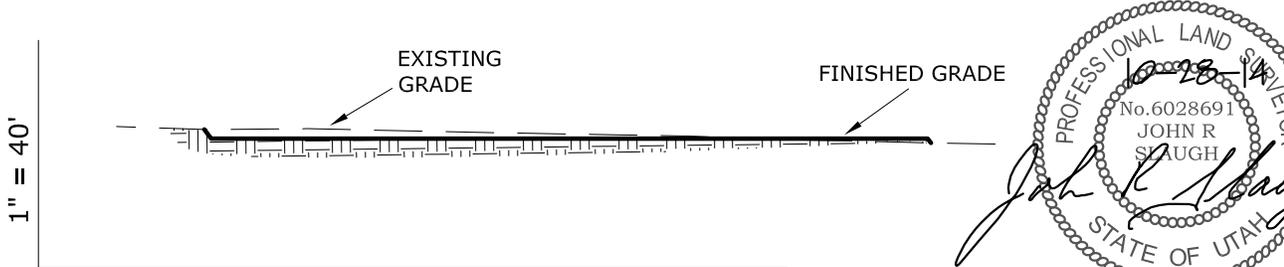
1" = 80' CROSS SECTION D-D'



1" = 80' CROSS SECTION C-C'



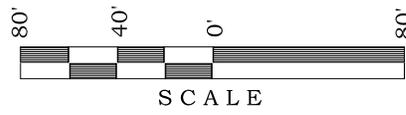
1" = 80' CROSS SECTION B-B'



1" = 80' CROSS SECTION A-A'

CONFIDENTIAL

PROFESSIONAL LAND SURVEYOR
 No. 6028691
 JOHN R. SKOUGH
 STATE OF UTAH



CRESCENT POINT ENERGY

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

WELL PAD - CROSS SECTION

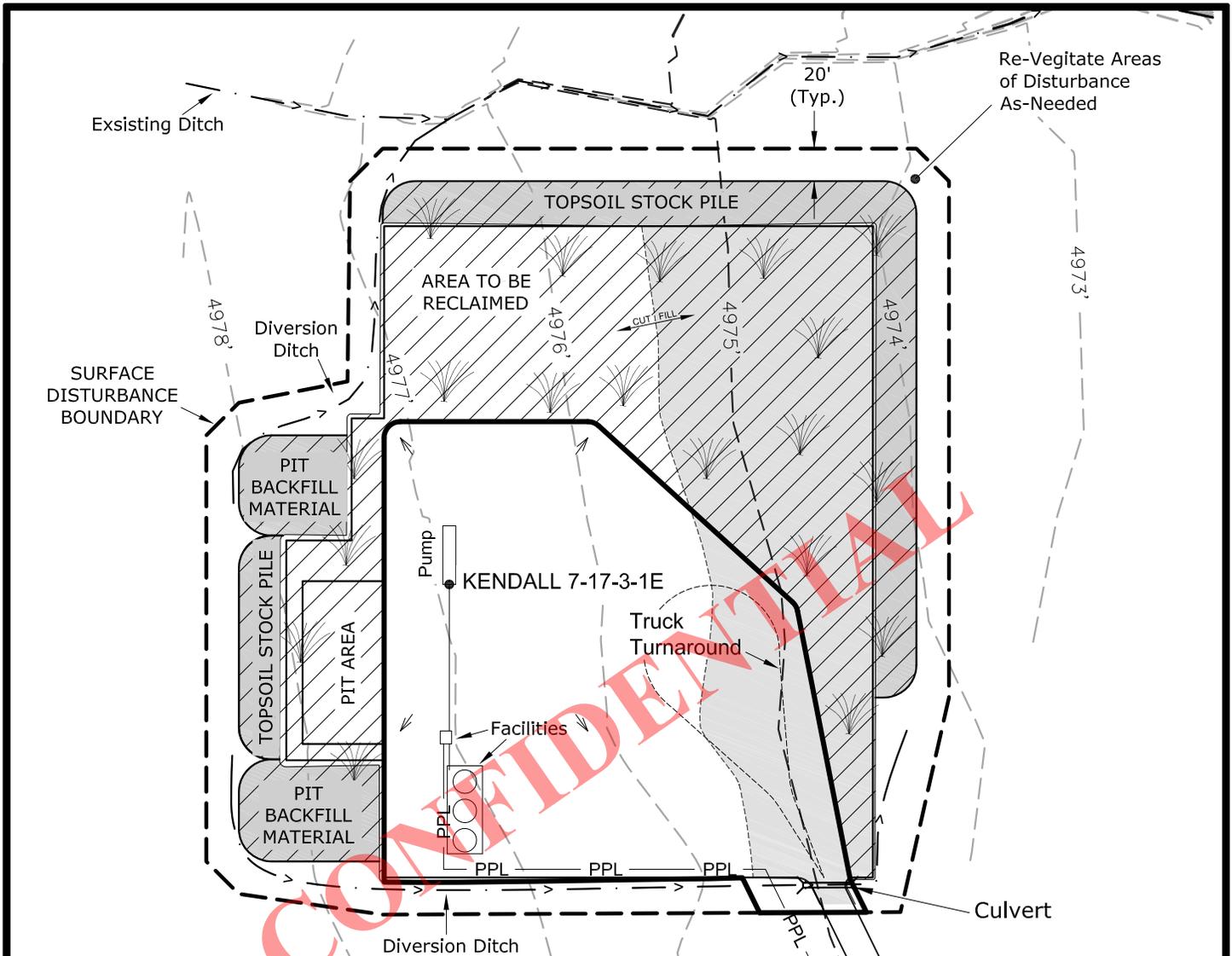
KENDALL 7-17-3-1E
2185' FNL & 1957' FEL
LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., UTAH COUNTY, UTAH.

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 09-19-14	SURVEYED BY: A.F.	SHEET NO: 4 OF 13
DATE DRAWN: 10-15-14	DRAWN BY: A.P.	
SCALE: 1" = 80'	Date Last Revised:	



- NOTE:**
1. PRODUCTION EQUIPMENT LOCATION COULD VARY DUE TO SITE AND OPERATION EFFECTIVENESS.
 2. AREA WITHIN SURFACE DISTURBANCE BOUNDARY:
 RECLAIMED AREA: ±4.532 ACRES
 UN-RECLAIMED AREA: ±1.570 ACRES

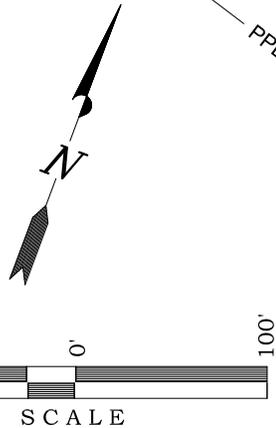
LEGEND

= Anchor

= Area to be Reclaimed and Vegetated

--- = CONTOURS (1' INTERVALS)

—PPL— = PROPOSED PIPELINE



CRESCENT POINT ENERGY

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

INTERIM RECLAMATION DIAGRAM

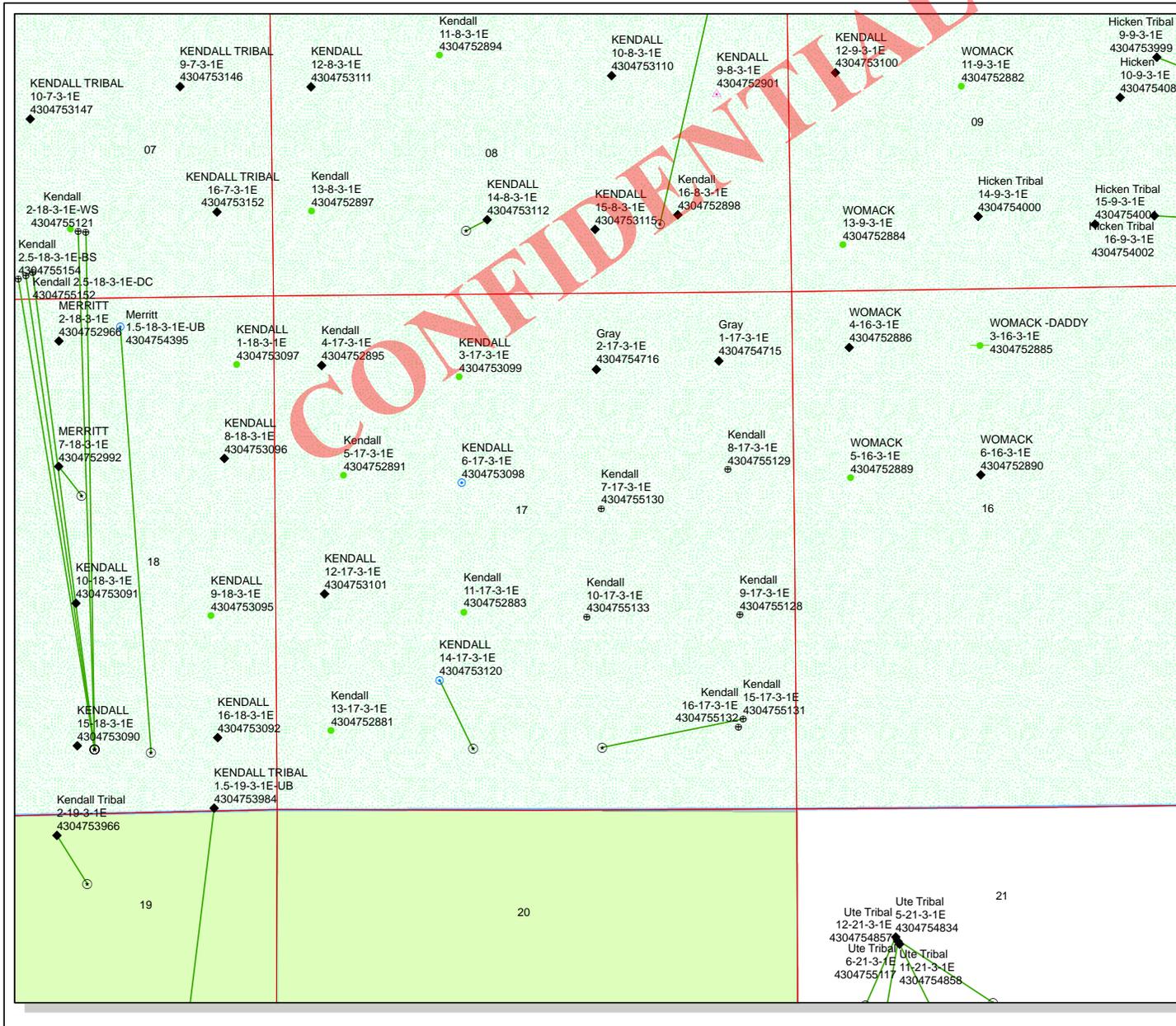
KENDALL 7-17-3-1E
2185' FNL & 1957' FEL
LOCATED IN SECTION 17, T3S, R1E,
U.S.B.&M., UINTAH COUNTY, UTAH.

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 09-19-14	SURVEYED BY: A.F.	SHEET NO: 5 OF 13
DATE DRAWN: 10-15-14	DRAWN BY: A.P.	
SCALE: 1" = 100'	Date Last Revised:	



API Number: 4304755130

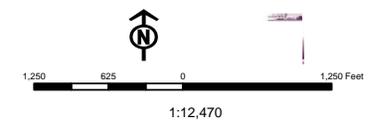
Well Name: Kendall 7-17-3-1E

Township: T03.0S Range: R01.0E Section: 17 Meridian: U

Operator: CRESCENT POINT ENERGY U.S. CORP

Map Prepared: 1/8/2015
Map Produced by Diana Mason

Wells Query		Units	
Status		STATUS	
APD - Approved Permit	◆	ACTIVE	▨
DRL - Spudded (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	
WOW - Water Disposal	◆	STATUS	
WW - Water Injection Well	◆	Unknown	▨
WSW - Water Supply Well	◆	ABANDONED	▨
		ACTIVE	▨
		COMBINED	▨
		INACTIVE	▨
		STORAGE	▨
		TERMINATED	▨



Well Name	CRESCENT POINT ENERGY U.S. CORP Kendall 7-17-3-1E 430475513			
String	Cond	Surf	Prod	
Casing Size(")	16.000	8.625	5.500	
Setting Depth (TVD)	40	2000	9351	
Previous Shoe Setting Depth (TVD)	0	40	2000	
Max Mud Weight (ppg)	8.3	8.3	10.0	
BOPE Proposed (psi)	0	500	3000	
Casing Internal Yield (psi)	0	2950	7740	
Operators Max Anticipated Pressure (psi)	4863		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=		0	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	863	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	623	NO diverter, air drilling
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	423	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	432	NO OK
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

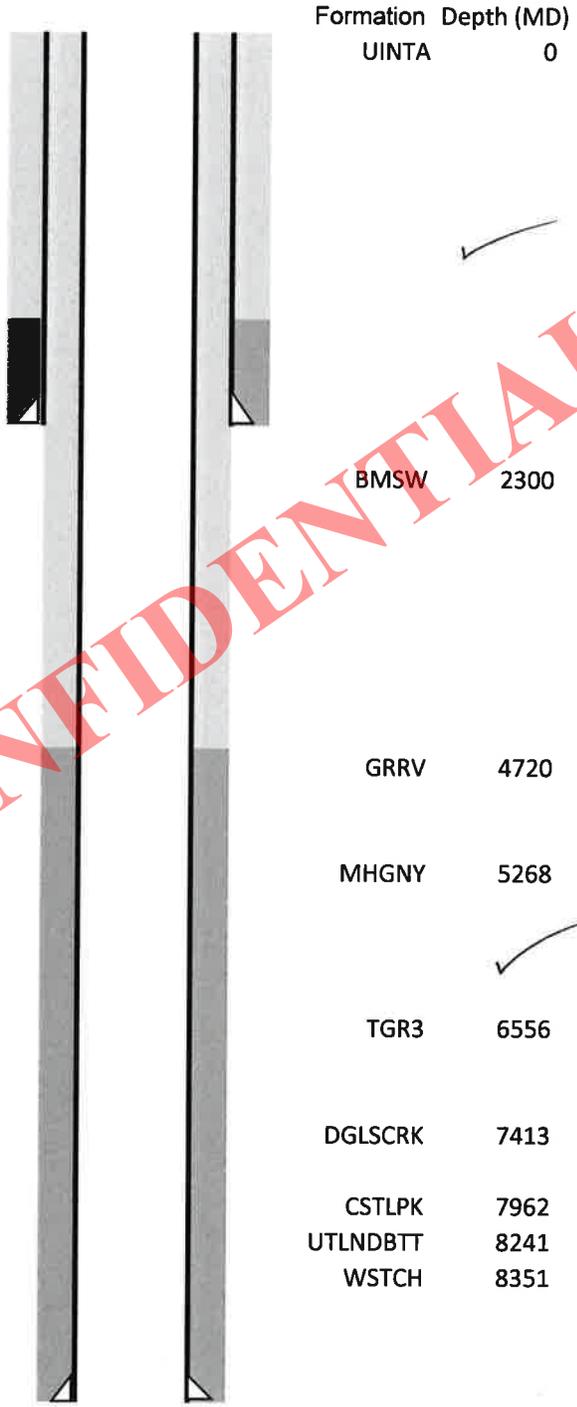
Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	4863	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3741	NO 3M Ram Double BOP & Annular with Rot. Head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2806	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3246	NO OK
Required Casing/BOPE Test Pressure=		3000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2000	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

CRESCENT POINT ENERGY U.S. CORP
Kendall 7-17-3-1E
43047551300000

stip variances

8.625 " Casing
2000 ' MD
2000 ' TVD
Surface ' TOC
1500 ' Tail
 17.5 % Washout
 12.25 " Hole



stip cut

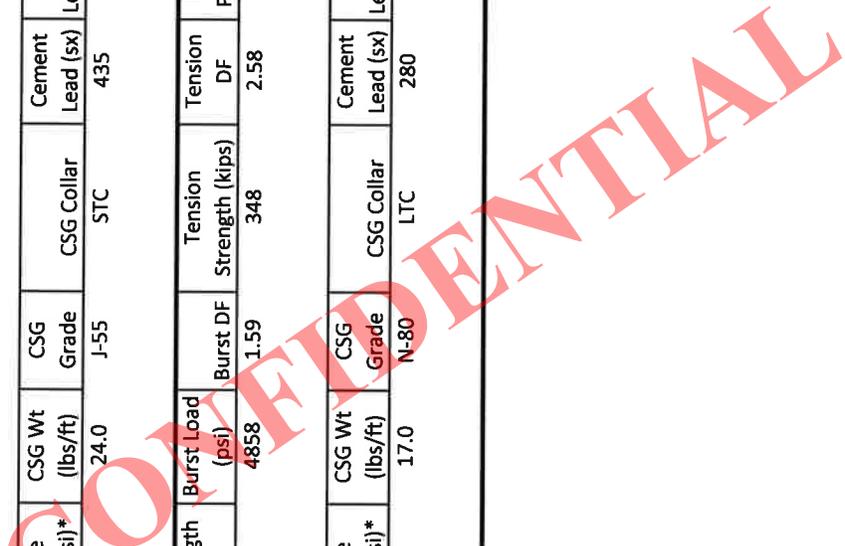
5.5 " Casing
9351 ' MD
9351 ' TVD
Surface ' TOC
4677 ' Tail
 3.8 % Washout
 7.875 " Hole

no wplw, wllw

CONFIDENTIAL

CRESCENT POINT ENERGY U.S. CORP
Kendall 7-17-3-1E
43047551300000

1.125											1.8												
8.625 " Casing											5.5 " Casing												
MAASP	622	Collapse Strength (psi)	1370	Collapse Load (psi)	862	Collapse DF	1.59	Burst Strength (psi)	2950	Burst Load (psi)	2000	Burst DF	1.48	Tension Strength (kips)	244	Tension DF	5.08	Neutral Point (ft)	1746	Tension Air (kips)	48.0	Tension Buoyed (kips)	42.0
MW (ppg)	8.3	Internal Grad. (psi)	0.12	Backup Mud (ppg)		Internal Mud (ppg)		Max Shoe Pressure (psi)*	3240	CSG Wt (lbs/ft)	24.0	CSG Grade	J-55	CSG Collar	STC	Cement Lead (sx)	435	Lead Yield	2.50	Cement Tail (sx)	315	Lead Yield	1.15
MAASP	2800	Collapse Strength (psi)	6390	Collapse Load (psi)	4858	Collapse DF	1.32	Burst Strength (psi)	7740	Burst Load (psi)	4858	Burst DF	1.59	Tension Strength (kips)	348	Tension DF	2.58	Neutral Point (ft)	7921	Tension Air (kips)	159.0	Tension Buoyed (kips)	134.9
MW (ppg)	10.0	Internal Grad. (psi)	0.22	Backup Mud (ppg)		Internal Mud (ppg)		Max Shoe Pressure (psi)*	4858	CSG Wt (lbs/ft)	17.0	CSG Grade	N-80	CSG Collar	LTC	Cement Lead (sx)	280	Lead Yield	3.82	Cement Tail (sx)	565	Lead Yield	1.65



ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator CRESCENT POINT ENERGY U.S. CORP
Well Name Kendall 7-17-3-1E
API Number 43047551300000 **APD No** 10890 **Field/Unit** INDEPENDENCE
Location: 1/4,1/4SWNE **Sec** 17 **Tw** 3.0S **Rng** 1.0E 2185 FNL 1957 FEL
GPS Coord (UTM) 593217 4453122 **Surface Owner** Mike Kendall

Participants

Whitney Szabo - Starpoint; Chris Noonan , Mark Hecksel - Crescent Point; Trevor Anderson - Timberline; Mike Kendall - surface owner

Regional/Local Setting & Topography

This location is planned in the Windy ridge area east of the County line and the historic town of Enterprise on the Womack Daddy road. The bottle hollow reservoir is found 4 miles North and the Duchesne River is found 2 miles South of location. The Ouray school canal and associated laterals are found nearby.

Regionally the surrounding lands are rather flat with the occasional butte and erosional features. The soils seem to be lean clays and silts that are sparsely vegetated. The area is well developed for petroleum extraction.

Surface Use Plan

Current Surface Use
Wildlfe Habitat

New Road Miles	Well Pad Width 360 Length 400	Src Const Material	Surface Formation
0		Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands Y
very shallow almost sheet flow

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 and halogeton weeds

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

historically cultivated silty lean clays

Erosion Issues N**Sedimentation Issues** N**Site Stability Issues** N**Drainage Diversion Required?** 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)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score	20	1 Sensitivity Level

Characteristics / Requirements

A 60' x 100' reserve pit is planned in an area of cut. A pit liner is required. Operator commonly uses a 16 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. A minimum freeboard of two feet shall be maintained at all times. 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
Evaluator1/7/2015
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
10890	43047551300000	LOCKED	OW	P	No
Operator	CRESCENT POINT ENERGY U.S. CORP		Surface Owner-APD	Mike Kendall	
Well Name	Kendall 7-17-3-1E		Unit		
Field	INDEPENDENCE		Type of Work	DRILL	
Location	SWNE 17 3S 1E U 2185 FNL 1957 FEL GPS Coord (UTM) 593218E 4453124N				

Geologic Statement of Basis

Crescent Point proposes to set 40' of conductor and 2,000' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 2,300'. A search of Division of Water Rights records shows 2 water wells within a 10,000 foot radius of the center of Section 17. Depth is listed for only 1 well at 300 feet. Listed uses are domestic, irrigation and stock watering. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill
APD Evaluator

1/21/2015
Date / Time

Surface Statement of Basis

Location is proposed in a good location within the spacing window. Access road enters the pad from the west. The landowner or its representative was 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.

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. Submitted plans show a diversion for ephemeral streams that should be sufficient

Chris Jensen
Onsite Evaluator

1/7/2015
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: 12/16/2014

API NO. ASSIGNED: 43047551300000

WELL NAME: Kendall 7-17-3-1E

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

PHONE NUMBER: 303 308-6270

CONTACT: Kristen Johnson

PROPOSED LOCATION: SWNE 17 030S 010E

Permit Tech Review:

SURFACE: 2185 FNL 1957 FEL

Engineering Review:

BOTTOM: 2185 FNL 1957 FEL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.22336

LONGITUDE: -109.90437

UTM SURF EASTINGS: 593218.00

NORTHINGS: 4453124.00

FIELD NAME: INDEPENDENCE

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:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: R649-3-2
- Effective Date:
- Siting:
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
12 - Cement Volume (3) - daynedoucet
23 - Spacing - dmason
27 - Other - daynedoucet



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: Kendall 7-17-3-1E

API Well Number: 43047551300000

Lease Number: FEE

Surface Owner: FEE (PRIVATE)

Approval Date: 3/17/2015

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 R649-3-2. 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:

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

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

Cement volume for the 5-1/2" production string shall be determined from actual hole diameter in order to place tail cement from the pipe setting depth back to 4700' MD (above Green River) as indicated in the submitted drilling plan.

Health and safety requirements for drilling operations are covered under Utah rule R614-2. R614-2-20 covers safety procedures for air and gas drilling. Any variances to these rules (including requirements for bleed lines and air compressors) must be granted by the Utah Labor Commission (see R614-2-1.E). The request for a variance to not use a rotating head is denied.

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:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Kendall 7-17-3-1E
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP	9. API NUMBER: 43047551300000
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202	PHONE NUMBER: 720 880-3621 Ext
	9. FIELD and POOL or WILDCAT: INDEPENDENCE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2185 FNL 1957 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 17 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: 4/28/2015	<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 Kendall 7-17-3-1E with PRO PETRO BUCKET RIG #1 at 11:00 on 4/28/2015 .

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 April 29, 2015**

NAME (PLEASE PRINT) Kristen Johnson	PHONE NUMBER 303 308-6270	TITLE Regulatory Technician
SIGNATURE N/A	DATE 4/28/2015	

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: Kendall 7-17-3-1E
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP	9. API NUMBER: 43047551300000
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202	PHONE NUMBER: 720 880-3621 Ext
	9. FIELD and POOL or WILDCAT: INDEPENDENCE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2185 FNL 1957 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 17 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 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: 5/26/2015	<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 style="width: 100px;" type="text"/>

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

Please see attached drill report for Kendall 7-17-3-1E , encompassing all drilling operations to date.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 May 26, 2015

NAME (PLEASE PRINT) Valari Cray	PHONE NUMBER 303 880-3637	TITLE Drilling And Completion Tech
SIGNATURE N/A	DATE 5/26/2015	



Daily Drilling Report

Report for: 4/28/2015
Report #: 1.0, DFS: -11.06
Depth Progress:

Well Name: KENDALL 7-17-3-1E

UWI/API 43-047-55130		Surface Legal Location 9-17-3-1			License # FEE		AFE Number 1705515US					
Spud Date 4/28/2015 11:00		Date TD Reached (wellbore) 5/19/2015 18:30		Rig Release Date 5/21/2015 03:30		Ground Elevation (ft) 4,975.00		Orig KB Elev (ft) 4,987.00				
Completion Type		Weather		Temperature (°F)		Road Condition		Hole Condition				
Operation At 6am W/O AIR DIG		Operation Next 24hrs		Target Formation Wasatch		Target Depth (ftKB) 9,351.0		Last Casing String Conductor, 52.0ftKB				
24 Hr Summary MIRU PRO PETRO BUCKET RIG #1 SPUD WELL @11:00 4/28/2015 DRILL 52' KB 24" CONDUCTOR HOLE, RUN & CEMENT 52' KB 16" CONDUCTOR PIPE, CEMENT T/SURF W/15.8 PPG READY MIX												
Time Log												
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com						
Mud Checks												
<depth>ftKB, <dtm>												
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft ²)						
Gel 10 sec (lb/100ft ²)	Gel 10 min (lb/100ft ²)	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/100ft ²)						
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)								
Drill Strings												
BHA #<stringno>, <des>												
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in ²)	BHA ROP...							
Nozzles (1/32")		String Length (ft)		Max Nominal OD (in)								
String Components												
Comment												
Drilling Parameters												
Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Wellbores												
Wellbore Name		KO MD (ftKB)										
Original Hole												



Daily Drilling Report

Report for: 4/29/2015
 Report #: 2.0, DFS: -10.06
 Depth Progress:

Well Name: KENDALL 7-17-3-1E

UWI/API 43-047-55130		Surface Legal Location 9-17-3-1			License # FEE							
Spud Date 4/28/2015 11:00		Date TD Reached (wellbore) 5/19/2015 18:30		Rig Release Date 5/21/2015 03:30		Ground Elevation (ft) 4,975.00		Orig KB Elev (ft) 4,987.00				
Completion Type												
Weather			Temperature (°F)			Road Condition		Hole Condition				
Operation At 6am DRILLING 12 1/4" SURF HOLE @1370'					Operation Next 24hrs							
24 Hr Summary MIRU PRO PETRO RIG #11, DRILL 12 1/4" SURF HOLE F/52' KB T/ 1370' KB												
Time Log												
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com						
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)				
Drill Strings												
BHA #<stringno>, <des>												
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...							
Nozzles (1/32")			String Length (ft)		Max Nominal OD (in)							
String Components												
Comment												
Drilling Parameters												
Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq

AFE Number 1705515US		
Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0	
Target Formation Wasatch	Target Depth (ftKB) 9,351.0	
Last Casing String Conductor, 52.0ftKB		
Daily Contacts		
Job Contact	Mobile	
Rigs		
Capstar Drilling, 316		
Contractor Capstar Drilling	Rig Number 316	
Rig Supervisor Jacob Straton	Phone Mobile	
<des>, <make>, <model>		
Pump #	Pwr (hp)	Rod Dia (in)
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
P (psi)	Slow Spd	Strokes (s... Eff (%)
Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Safety Checks		
Time	Type	Des
Wellbores		
Wellbore Name	KO MD (ftKB)	
Original Hole		



Daily Drilling Report

Report for: 4/30/2015
 Report #: 3.0, DFS: -9.06
 Depth Progress:

Well Name: KENDALL 7-17-3-1E

UWI/API 43-047-55130		Surface Legal Location 9-17-3-1		License # FEE	
Spud Date 4/28/2015 11:00		Date TD Reached (wellbore) 5/19/2015 18:30		Rig Release Date 5/21/2015 03:30	
		Ground Elevation (ft) 4,975.00		Orig KB Elev (ft) 4,987.00	
Completion Type					
Weather		Temperature (°F)		Road Condition	
				Hole Condition	
Operation At 6am W/O DRILLING RIG			Operation Next 24hrs		
24 Hr Summary CONT T/DRILL 12 1/4" HOLE F/1370' KB T/ 2157' KB, CIRC & COND HOLE CLEAN, TOH, L/D BHA, HOLD SAFTEY MEETING R/U & RUN FLOAT SHOE & 47 JNTS 8 5/8" 24# ST&C SURF CSG W/THE SHOE SET @2129', HOLD SAFTEY MEETING R/U PRO PETRO CEMENTERS, PRESS TEST LINES T/1500 PSI (OK), PUMP 80 BBLs FRESH WATER AHAED, GAIN FULL RETURNS, PUMP 380 SKS (193 BBLs) 12.0 PPG 2.86 CUFT/SK YIELD CLASS "G " CEMENT, 360 SKS (73 BBLs) 15.8 PPG 1.15 CUFT/SK YIELD TAIL CEMENT, DROP PLUG ON THE FLY, DISPLACE W/131 BBLs FRESH WATER,BUMP PLUG T/ 900 PSI, FINAL LIFT PRESS 510 PSI, 30 BBLs CEMENT T/SURF, CEMENT DROPPED BACK, TOP OFF 15. 8 PPG READY MIX,CEMENT T/SURF, STAYED @ SURF, W/O DRILLING RIG					

AFE Number 1705515US	
Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0
Target Formation Wasatch	Target Depth (ftKB) 9,351.0
Last Casing String Surface, 2,129.0ftKB	
Daily Contacts	
Job Contact	Mobile

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

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)		

Drill Strings						
BHA #<stringno>, <des>						
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...	
Nozzles (1/32")		String Length (ft)		Max Nominal OD (in)		
String Components						
Comment						

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

Rigs		
Capstar Drilling, 316		
Contractor Capstar Drilling	Rig Number 316	
Rig Supervisor Jacob Straton	Phone Mobile	
<des>, <make>, <model>		
Pump #	Pwr (hp)	Rod Dia (in)
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...
P (psi)	Slow Spd	Strokes (s... Eff (%)

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 5/10/2015
Report #: 4.0, DFS: 0.94
Depth Progress: 893.00

Well Name: KENDALL 7-17-3-1E

UWI/API 43-047-55130		Surface Legal Location 9-17-3-1		License # FEE	
Spud Date 4/28/2015 11:00		Date TD Reached (wellbore) 5/19/2015 18:30		Rig Release Date 5/21/2015 03:30	
		Ground Elevation (ft) 4,975.00		Orig KB Elev (ft) 4,987.00	
Completion Type					
Weather Rain		Temperature (°F) 60.0		Road Condition Good	
				Hole Condition Good	
Operation At 6am Drg/Slide 7 7/8 Prod Hole @ 3050'			Operation Next 24hrs Drg/Slide 7 7/8 Prod Hole		

AFE Number 1705515US	
Start Depth (ftKB) 2,157.0	End Depth (ftKB) 3,050.0
Target Formation Wasatch	Target Depth (ftKB) 9,351.0
Last Casing String Surface, 2,129.0ftKB	

24 Hr Summary
Howcroft Trucking Move Capstar 316, 1 Mile From Kendall 9-17-3-1E To The Kendall 7-17-3-1E and Rig Up, Nipple Up BOP, Check BHA, Fill Mud Tanks, Test BOP Equipment to 3000 psi, Test 8 5/8 Casing to 1500 psi for 30 minutes, Slip and Cut Drilling Line 60 ft, P/U MM Bit and Directional Tools, Trip in Hole Tag Cement 2033', Drg Cement and Float Equipment F/ 2033' T/ 2157' Drg/Slide 7 7/8 Prod Hole F/ 2157 T/ 3050' 893' @ 99.22 ft per hr (WOB 18-14 GPM 375 RPM 60-65) BBG 20-25, Conn 20-26, Peak 25 @ 2693, Lithology SH 40% SS 40% SLTST 20%

Time Log						
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	06:30	0.50	0.50	1	RIGUP & TEARDOWN	Held Safety Meeting w/ Howcroft Trucking
06:30	08:00	1.50	2.00	1	RIGUP & TEARDOWN	Howcroft Trucking Move Capstar 319, 1 Mile From Kendall 9-17-3-1E To The Kendall 7-17-3-1E and Rig UP
08:00	12:00	4.00	6.00	14	NIPPLE UP B.O.P	Nipple Up BOP, Check BHA, Fill Mud Tanks,
12:00	15:00	3.00	9.00	15	TEST B.O.P	Test BOP Equipment to 3000 psi Pipe Blind Rams, Choke Line, Choke Manifold and All Valves to 3000 psi for 10 minutes, Test Annular to 1500 psi for 10 minutes, Test 8 5/8 Casing to 1500 psi for 30 minutes
15:00	17:30	2.50	11.50	20	DIRECTIONAL WORK	P/U MM Bit and Directional Tools
17:30	18:30	1.00	12.50	6	TRIPS	Trip in Hole
18:30	19:30	1.00	13.50	9	CUT OFF DRILL LINE	Slip and Cut Drilling 60 ft
19:30	20:00	0.50	14.00	6	TRIPS	Trip in Hole Tag Cement 2033'
20:00	21:00	1.00	15.00	21	OPEN	Drg Cement and Float Equipment F/ 2033' T/ 2157'
21:00	06:00	9.00	24.00	2	DRILL ACTUAL	Drg/Slide 7 7/8 Prod Hole F/ 2157 T/ 3050' 893' @ 99.22 ft per hr

Mud Checks						
2,157.0ftKB, 5/10/2015 11:30						
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Water Base	11:30	2,157.0	8.45	27	1.0	1.000
Gel 10 sec (lb/100ft²)			Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
1.000			1.000		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)
	6,000.000			0.1		
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		
			5000.0			

Drill Strings						
BHA #1, Steerable						
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...	
1	7 7/8in, MM65M s/n 12249879 Mat 955251, 12249879	1.00	4-3-BT-M-X-0-WT-CP	1.80	60.2	
Nozzles (1/32")			String Length (ft)	Max Nominal OD (in)		
16/16/16/16/16			644.67	6.500		
String Components						
Security DBS MM65M s/n 12249879 Mat 955251, MM Performance Fixed 7/8 3.3 bend 1.5 rev .16, UBHO Sub, NMDC, NMDC, Drill Collar, HWDP						
Comment						
Bit # 1 SEC MM65M s/n 12249879 Mat 955251 6-Sixteen, 1-MM Performance Fixed 7/8 3.3 bend 1.5 rev .16 , 1-6.5 UBHO sub 2-6.5 NMDCs, 8-6.5 Steel DCs 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	2,157.0	3,050.0	893.00	9.00	99.2	375	18	60	1,100.0	61	83	10,000.0

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

Rigs	
Capstar Drilling, 316	
Contractor	Rig Number
Capstar Drilling	316
Rig Supervisor	Phone Mobile
Jacob Straton	

<des>, <make>, <model>			
Pump #	Pwr (hp)	Rod Dia (in)	
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)	
6		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
Tax	1.00	3.03

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 5/11/2015
Report #: 5.0, DFS: 1.94
Depth Progress: 1,900.00

Well Name: KENDALL 7-17-3-1E

UWI/API 43-047-55130		Surface Legal Location 9-17-3-1		License # FEE	
Spud Date 4/28/2015 11:00		Date TD Reached (wellbore) 5/19/2015 18:30		Rig Release Date 5/21/2015 03:30	
		Ground Elevation (ft) 4,975.00		Orig KB Elev (ft) 4,987.00	
Completion Type					
Weather Sunny		Temperature (°F) 72.0		Road Condition Good	
				Hole Condition Good	
Operation At 6am Drig/Slide 7 7/8 Prod Hole @ 4950 No Mud Loss			Operation Next 24hrs Drig/Slide 7 7/8 Prod Hole		
24 Hr Summary Drig/Slide 7 7/8 Prod Hole F/ 3050' T/ 4950' 1900' @ 80.85 ft per hr (WOB 18-14 GPM 375 RPM 60-65) Rig Service BBG 700-750 Conn 24-5234 Peak 949 @ 4141 Lithology SH 50% DOLST 40% CLYST 10%					

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	14:00	8.00	8.00	2	DRILL ACTUAL	Drig/Slide F/ 3050' T/ 3808' 758' @ 94.75 ft per hr
14:00	14:30	0.50	8.50	7	LUBRICATE RIG	Rig Service
14:30	06:00	15.50	24.00	2	DRILL ACTUAL	Drig/Slide F/ 3808' T/ 4950' 1142' @ 73.67 ft per hr

Mud Checks

3,412.0ftKB, 5/11/2015 10:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Water Base	10:00	3,412.0	9.10	31	1.0	1.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
1.000	1.000			8.5	0.3	1.0
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
		6,000.000		0.1		
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)		
			5000.0			

Drill Strings

BHA #1, Steerable

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
1	7 7/8in, MM65M s/n 12249879 Mat 955251, 12249879	1.00	4-3-BT-M-X-0-WT-CP	1.80	60.2
Nozzles (1/32")		String Length (ft)	Max Nominal OD (in)		
16/16/16/16/16/16		644.67	6.500		

String Components

Security DBS MM65M s/n 12249879 Mat 955251, MM Performance Fixed 7/8 3.3 bend 1.5 rev .16, UBHO Sub, NMDC, NMDC, Drill Collar, HWDP

Comment

Bit # 1 SEC MM65M s/n 12249879 Mat 955251 6-Sixteen, 1-MM Performance Fixed 7/8 3.3 bend 1.5 rev .16, 1-6.5 UBHO sub 2-6.5 NMDCs, 8-6.5 Steel DCs 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	3,050.0	4,950.0	2,793.0	32.50	80.9	375	18	60	1,250.0	89	110	10,500.0

AFE Number 1705515US	
Start Depth (ftKB) 3,050.0	End Depth (ftKB) 4,950.0
Target Formation Wasatch	Target Depth (ftKB) 9,351.0

Last Casing String
Surface, 2,129.0ftKB

Daily Contacts

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

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jacob Straton	Phone Mobile

<des>, <make>, <model>

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

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
DAP	35.00	25.0
Engineering	450.00	1.0
Liqui Drill	135.00	1.0
Pallet	20.00	2.0
Rental	50.00	1.0
Shrink Wrap	20.00	2.0
Tax	1.00	68.97
Trucking	1.00	1,200.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 5/12/2015
Report #: 6.0, DFS: 2.94
Depth Progress: 1,338.00

Well Name: KENDALL 7-17-3-1E

UWI/API 43-047-55130	Surface Legal Location 9-17-3-1	License # FEE
Spud Date 4/28/2015 11:00	Date TD Reached (wellbore) 5/19/2015 18:30	Rig Release Date 5/21/2015 03:30
	Ground Elevation (ft) 4,975.00	Orig KB Elev (ft) 4,987.00

Completion Type	Target Formation Wasatch	Target Depth (ftKB) 9,351.0
-----------------	-----------------------------	--------------------------------

Weather Sunny	Temperature (°F) 72.0	Road Condition Good	Hole Condition Good
------------------	--------------------------	------------------------	------------------------

Operation At 6am Drig/Slide 7 7/8 Prod Hole @ 6288 No Mud Loss	Operation Next 24hrs Drig 7 7/8 Prod Hole
---	--

24 Hr Summary
Drig/Slide 7 7/8 Prod Hole F/ 4950' T/ 6288' 1338' @ 56.93 ft per hr (WOB 18-14 GPM 375 RPM 60-65) Rig Service, Formation Mahogany Bench Top 5268', BBG 900-950, Conn 114-4059, Peak 6061 @ 5706', Lithology SH 60% CLYST 30% DOLST 10%

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	16:00	10.00	10.00	2	DRILL ACTUAL	Drig/Slide 7 7/8 Prod Hole F/ 4950' T/ 5518' 568' @ 56.8 ft per hr
16:00	16:30	0.50	10.50	7	LUBRICATE RIG	Rig Service
16:30	06:00	13.50	24.00	2	DRILL ACTUAL	Drig/Slide 7 7/8 Prod Hole F/ 5518' T/ 6288' 770' @ 57.03 ft per hr

Mud Checks

5,170.0ftKB, 5/12/2015 09:00

Type Water Base	Time 09:00	Depth (ftKB) 5,170.0	Density (lb/gal) 9.60	Funnel Viscosity (s/qt) 31	PV Override (cP) 4.0	YP OR (lb/100ft²) 4.000
Gel 10 sec (lb/100ft²) 5.000	Gel 10 min (lb/100ft²) 7.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%) 8.5	Solids (%) 0.3
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 36,000.000	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) 4000.0	Active Mud Volume (bbl) 730.0		

Drill Strings

BHA #1, Steerable

Bit Run 1	Drill Bit 7 7/8in, MM65M s/n 12249879 Mat 955251, 12249879	Length (ft) 1.00	IADC Bit Dull 4-3-BT-M-X-0-WT-CP	TFA (incl Noz) (in²) 1.80	BHA ROP... 60.2
Nozzles (1/32") 16/16/16/16/16/16	String Length (ft) 644.67	Max Nominal OD (in) 6.500			

String Components
Security DBS MM65M s/n 12249879 Mat 955251, MM Performance Fixed 7/8 3.3 bend 1.5 rev .16, UBHO Sub, NMDC, NMDC, Drill Collar, HWDP

Comment
Bit # 1 SEC MM65M s/n 12249879 Mat 955251 6-Sixteen, 1-MM Performance Fixed 7/8 3.3 bend 1.5 rev .16, 1-6.5 UBHO sub 2-6.5 NMDCs, 8-6.5 Steel DCs 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	4,950.0	6,288.0	4,131.0 0	56.00	56.9	375	18	60	1,350.0	106	130	11,00 0.0

AFE Number 1705515US	Start Depth (ftKB) 4,950.0	End Depth (ftKB) 6,288.0
-------------------------	-------------------------------	-----------------------------

Target Formation Wasatch	Target Depth (ftKB) 9,351.0
-----------------------------	--------------------------------

Last Casing String
Surface, 2,129.0ftKB

Daily Contacts

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

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jacob Stratton	Phone Mobile

<des>, <make>, <model>

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

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
ALUM. STEARATE	130.00	2.0
Brine	7.50	160.0
DAP	35.00	73.0
Engineering	450.00	1.0
Gel	7.50	96.0
Hole Seal	21.00	17.0
Liqui Drill	135.00	4.0
Pallet	20.00	9.0
Rental	50.00	1.0
Sea Mud	15.50	158.0
Shrink Wrap	20.00	9.0
Tax	1.00	441.11

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 5/13/2015
 Report #: 7.0, DFS: 3.94
 Depth Progress: 1,012.00

Well Name: KENDALL 7-17-3-1E

UWI/API 43-047-55130		Surface Legal Location 9-17-3-1		License # FEE	
Spud Date 4/28/2015 11:00		Date TD Reached (wellbore) 5/19/2015 18:30		Rig Release Date 5/21/2015 03:30	
		Ground Elevation (ft) 4,975.00		Orig KB Elev (ft) 4,987.00	
Completion Type					
Weather Fair		Temperature (°F) 70.0		Road Condition Good	
				Hole Condition Good	
Operation At 6am Drilling @ 7300'			Operation Next 24hrs Drilling 7 7/8" Production Hole to ~7950', Trip Out for Core bbl.		

AFE Number 1705515US	
Start Depth (ftKB) 6,288.0	End Depth (ftKB) 7,300.0
Target Formation Wasatch	Target Depth (ftKB) 9,351.0
Last Casing String Surface, 2,129.0ftKB	

24 Hr Summary
 Drilling f/ 6288' to 7300' (1012' @ 43.1 fph) No Losses, TGR3 Top @ 6540',70%SH,25%CLYST,5%SS, BKG270-340 u,Conn. 538-2830 u, Peak 3277 u @ 6845'

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	16:00	10.00	10.00	2	DRILL ACTUAL	Drilling f/ 6288' to 6802' (514' @ 51.4 fph) 16k wob, 394 gpm, No Losses
16:00	16:30	0.50	10.50	7	LUBRICATE RIG	Rig Service
16:30	05:30	13.00	23.50	2	DRILL ACTUAL	Drilling f/ 6802' to 7300' (498' @ 36.9 fph) 16k wob, 394 gpm, No Losses

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

Mud Checks							
6,514.0ftKB, 5/13/2015 10:00							
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)	
DAP	10:00	6,514.0	9.60	30	4.0	4.000	
Gel 10 sec (lb/100ft²)	5.000	Gel 10 min (lb/100ft²)	7.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH	
						8.5	
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)	
		40,000.000		0.1	0.100	10.0	
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)			

Rigs		
Capstar Drilling, 316		
Contractor Capstar Drilling	Rig Number 316	
Rig Supervisor Jacob Stratton	Phone Mobile	

Drill Strings							
BHA #1, Steerable							
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...		
1	7 7/8in, MM65M s/n 12249879 Mat 955251, 12249879	1.00	4-3-BT-M-X-0-WT-CP	1.80	60.2		
Nozzles (1/32") 16/16/16/16/16/16			String Length (ft) 644.67	Max Nominal OD (in) 6.500			
String Components Security DBS MM65M s/n 12249879 Mat 955251, MM Performance Fixed 7/8 3.3 bend 1.5 rev .16, UBHO Sub, NMDC, NMDC, Drill Collar, HWDP							
Comment Bit # 1 SEC MM65M s/n 12249879 Mat 955251 6-Sixteen, 1-MM Performance Fixed 7/8 3.3 bend 1.5 rev .16 , 1-6.5 UBHO sub 2-6.5 NMDCs, 8-6.5 Steel DCs 10-4.5 HWDP							

<des>, <make>, <model>			
Pump #	Pwr (hp)	Rod Dia (in)	
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)	
6		0.079	
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
Original Hole	6,288.0	7,300.0	5,143.0	79.50	43.1	394	18	65	1,500.0	128	150	12,00
			0									0.0

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Barite	10.65	10.0
Brine	7.50	0.0
DAP	35.00	50.0
Engineering	450.00	1.0
Hole Seal	21.00	18.0
Rental	50.00	1.0
Sea Mud	15.50	47.0
Tax	1.00	175.84

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 5/14/2015
 Report #: 8.0, DFS: 4.94
 Depth Progress: 640.00

Well Name: KENDALL 7-17-3-1E

UWI/API 43-047-55130	Surface Legal Location 9-17-3-1	License # FEE
Spud Date 4/28/2015 11:00	Date TD Reached (wellbore) 5/19/2015 18:30	Rig Release Date 5/21/2015 03:30
	Ground Elevation (ft) 4,975.00	Orig KB Elev (ft) 4,987.00

AFE Number 1705515US	
Start Depth (ftKB) 7,300.0	End Depth (ftKB) 7,940.0
Target Formation Wasatch	Target Depth (ftKB) 9,351.0

Completion Type	Weather Rain	Temperature (°F) 65.0	Road Condition Good	Hole Condition Good
Operation At 6am Lay Down Directional Tools	Operation Next 24hrs T.I.H. w/ Core BBL. , Cut Core #1 f/ 7940'			

Last Casing String
Surface, 2,129.0ftKB

Daily Contacts

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

24 Hr Summary
 Drilling f/ 7300' to 7940' ,Core Point (640' @ 38.8 fph) No Losses, Circulate Bottoms Up, Trip Out , Lay Down Directional Tools, Douglas Creek Top @.7396 Black Shale Top @ 7816' ,90%SH,10%CLYST,TR LS, BKG 450-783 u,Conn. 1210-1386 u, Peak 1995 u @ 7932'

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	Drilling f/ 7300' to 7571' (571' @ 60.1 fph) 18k wob, 394 gpm, No Losses
15:30	16:00	0.50	10.00	7	LUBRICATE RIG	Rig Service
16:00	23:00	7.00	17.00	2	DRILL ACTUAL	Drilling f/ 7571' to 7940' (369' @ 52.7 fph) 18k wob, 394 gpm, No Losses
23:00	00:00	1.00	18.00	5	COND MUD & CIRC	Circulate Bottoms Up
00:00	06:00	6.00	24.00	6	TRIPS	Trip Out , Lay Down Directional Tools

Rigs

Capstar Drilling, 316	
Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jacob Stratton	Phone Mobile

<des>, <make>, <model>

Pump #	Pwr (hp)	Rod Dia (in)	
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)	
6		0.079	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)
1,500.0	No	125	95
P (psi)	Slow Spd	Strokes (s...)	Eff (%)
1,550.0	No	125	95

Mud Checks

7,371.0ftKB, 5/14/2015 08:30

Type DAP	Time 08:30	Depth (ftKB) 7,371.0	Density (lb/gal) 9.75	Funnel Viscosity (s/qt) 31	PV Override (cP) 5.0	YP OR (lb/100ft²) 5.000
Gel 10 sec (lb/100ft²) 7.000	Gel 10 min (lb/100ft²) 13.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%) 11.0
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 30,000.000	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
DAP	35.00	40.0
Engineering	450.00	1.0
Hole Seal	21.00	3.0
Liqui Drill	135.00	3.0
Pallet	20.00	5.0
Rental	50.00	1.0
Sawdust	4.50	15.0
Sea Mud	15.50	33.0
Shrink Wrap	20.00	5.0
Tax	1.00	107.19
Walnut	14.50	8.0

Drill Strings

BHA #1, Steerable

Bit Run 1	Drill Bit 7 7/8in, MM65M s/n 12249879 Mat 955251, 12249879	Length (ft) 1.00	IADC Bit Dull 4-3-BT-M-X-0-WT-CP	TFA (incl Noz) (in²) 1.80	BHA ROP... 60.2
Nozzles (1/32") 16/16/16/16/16/16	String Length (ft) 644.67	Max Nominal OD (in) 6.500			

String Components
 Security DBS MM65M s/n 12249879 Mat 955251, MM Performance Fixed 7/8 3.3 bend 1.5 rev .16, UBHO Sub, NMDC, NMDC, Drill Collar, HWDP

Comment
 Bit # 1 SEC MM65M s/n 12249879 Mat 955251 6-Sixteen, 1-MM Performance Fixed 7/8 3.3 bend 1.5 rev .16 , 1-6.5 UBHO sub 2-6.5 NMDCs, 8-6.5 Steel DCs 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	7,300.0	7,940.0	5,783.00	96.00	38.8	394	18	70	1,575.0	138	165	10,500.0

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 5/15/2015
Report #: 9.0, DFS: 5.94
Depth Progress: 87.00

Well Name: KENDALL 7-17-3-1E

UWI/API 43-047-55130		Surface Legal Location 9-17-3-1			License # FEE																																										
Spud Date 4/28/2015 11:00		Date TD Reached (wellbore) 5/19/2015 18:30		Rig Release Date 5/21/2015 03:30		Ground Elevation (ft) 4,975.00		Orig KB Elev (ft) 4,987.00																																							
Completion Type																																															
Weather Cloudy		Temperature (°F) 62.0			Road Condition Good		Hole Condition Good																																								
Operation At 6am Coring @ 6027'					Operation Next 24hrs Coring, Tripping																																										
24 Hr Summary T.I.H. w/ Core BBL. , Cut Core #1 f/ 7940' to 8027' (87' @ 6.2 fph) 6-8k wob,283 gpm, no losses, Lithology 85%SH,5% SS,5%LS,5%CLYST, BKG 187-207 u, Conn. 262 u, Peak 1995 u @ 7933', Trip 3218 u																																															
Time Log																																															
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com																																									
06:00	09:00	3.00	3.00	6	TRIPS	Pick Up 120' Core BBL.																																									
09:00	15:30	6.50	9.50	6	TRIPS	Trip In Hole ,Break Circ. every 1,000' ,(lost 90 bbl on Trip0																																									
15:30	16:00	0.50	10.00	5	COND MUD & CIRC	Wash 75' to Bottom, No Fill, Circulate up Trip Gas, Drop Ball																																									
16:00	06:00	14.00	24.00	4	CORING	Cut Core #1 f/ 7940' to 8027' (87' @ 6.2 fph) No Losses																																									
Mud Checks																																															
7,940.0ftKB, 5/15/2015 09:30																																															
Type DAP	Time 09:30	Depth (ftKB) 7,940.0	Density (lb/gal) 9.75	Funnel Viscosity (s/qt) 33	PV Override (cP) 5.0	YP OR (lb/100ft²) 7.000	Liner Size (in) 6			Stroke (in) 6	Vol/Stk OR (b...) 0.079																																				
Gel 10 sec (lb/100ft²) 9.000	Gel 10 min (lb/100ft²) 16.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%) 8.5	Solids (%) 0.3	P (psi)		Slow Spd	Strokes (s...)	Eff (%)																																				
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 32,000.000	Calcium (mg/L)	Pf (mL/mL) 0.1	Pm (mL/mL) 0.100	Gel 30 min (lb/100ft²)	Mud Additive Amounts																																								
Whole Mud Added (bbl)	Mud Lost to Hole (bbl)	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)	<table border="1"> <thead> <tr> <th>Des</th> <th>Field Est (Cost/unit)</th> <th>Consumed</th> </tr> </thead> <tbody> <tr> <td>ALUM. STEARATE</td> <td>130.00</td> <td>1.0</td> </tr> <tr> <td>Barite</td> <td>10.65</td> <td>110.0</td> </tr> <tr> <td>DAP</td> <td>35.00</td> <td>27.0</td> </tr> <tr> <td>Engineering</td> <td>450.00</td> <td>1.0</td> </tr> <tr> <td>Hole Seal</td> <td>21.00</td> <td>4.0</td> </tr> <tr> <td>Pallet</td> <td>20.00</td> <td>3.0</td> </tr> <tr> <td>Rental</td> <td>50.00</td> <td>1.0</td> </tr> <tr> <td>Sawdust</td> <td>4.50</td> <td>10.0</td> </tr> <tr> <td>Sea Mud</td> <td>15.50</td> <td>74.0</td> </tr> <tr> <td>Shrink Wrap</td> <td>20.00</td> <td>3.0</td> </tr> <tr> <td>Tax</td> <td>1.00</td> <td>152.52</td> </tr> </tbody> </table>							Des	Field Est (Cost/unit)	Consumed	ALUM. STEARATE	130.00	1.0	Barite	10.65	110.0	DAP	35.00	27.0	Engineering	450.00	1.0	Hole Seal	21.00	4.0	Pallet	20.00	3.0	Rental	50.00	1.0	Sawdust	4.50	10.0	Sea Mud	15.50	74.0	Shrink Wrap	20.00	3.0	Tax	1.00	152.52
Des	Field Est (Cost/unit)	Consumed																																													
ALUM. STEARATE	130.00	1.0																																													
Barite	10.65	110.0																																													
DAP	35.00	27.0																																													
Engineering	450.00	1.0																																													
Hole Seal	21.00	4.0																																													
Pallet	20.00	3.0																																													
Rental	50.00	1.0																																													
Sawdust	4.50	10.0																																													
Sea Mud	15.50	74.0																																													
Shrink Wrap	20.00	3.0																																													
Tax	1.00	152.52																																													
Drill Strings																																															
BHA #2, Core #1																																															
Bit Run 2	Drill Bit 7 7/8in, DC88, 1492	Length (ft) 1.00	IADC Bit Dull 8-0-LT-N-X-0-NO-CP	TFA (incl Noz) (in²) 0.00	BHA ROP... 7.8	Nozzles (1/32")																																									
String Length (ft) 635.72			Max Nominal OD (in) 6.500			String Components Corpro DC88, Core Barrel, Float sub, Jars, Drill Collar, HWDP																																									
Comment Corepro DC88 Core Bit,(4- 6.5" Core BBL ,4- 7 3/4" Stab.)(6.5"x2.5" Float Sub)((6.25x2.375 Jars)(6-6.25"x2.375"DC) (10-4.5"HW)																																															
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	7,940.0	8,027.0	87.00	14.00	6.2	283	6	45	700.0	140	156	7,000.0																																			
Safety Checks																																															
Time	Type	Des																																													
Wellbores																																															
Wellbore Name		KO MD (ftKB)																																													
Original Hole																																															



Daily Drilling Report

Report for: 5/16/2015
Report #: 10.0, DFS: 6.94
Depth Progress: 83.00

Well Name: KENDALL 7-17-3-1E

UWI/API 43-047-55130		Surface Legal Location 9-17-3-1		License # FEE		AFE Number 1705515US						
Spud Date 4/28/2015 11:00		Date TD Reached (wellbore) 5/19/2015 18:30		Rig Release Date 5/21/2015 03:30		Ground Elevation (ft) 4,975.00						
						Orig KB Elev (ft) 4,987.00						
Completion Type												
Weather Cloudy/ Rain		Temperature (°F) 65.0		Road Condition Good		Hole Condition Good						
Operation At 6am Coring @ 8085'				Operation Next 24hrs Coring, Tripping								
24 Hr Summary Cut Core #1 f/ 8027' to 8060'(33' @ 11 fph) No Losses, Circ. Bottoms up Sample, T.O.O.H as Per Trip Schedule, Lay Down Core, 119.2' Recovery, Change Bit - T.I.H w/ 120' Core Barrel & BHA, Cut and Slip Drilling Line, Continue Trip in Hole, Break Circ. Every 1000', (Lost 130 bbl Mud T.I.H) Wash & Ream f/ 8-38' to Bottom, Cut Core #2 From 8060' to 8085' (25' @ 16.7 fph) Lithology - 80%SS,10%SH,10%CLYST - BKG 176 u, Conn.440 u, Trip 4000 u @ 8060'												
Time Log												
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com						
06:00	09:00	3.00	3.00	4	CORING	Cut Core #1 f/ 8027' to 8060'(33' @ 11 fph) No Losses						
09:00	10:00	1.00	4.00	5	COND MUD & CIRC	Circulate bottoms up Sample						
10:00	20:00	10.00	14.00	6	TRIPS	Trip Out, Lay Down Core #1, Recovered 119.2, Change Bit						
20:00	22:00	2.00	16.00	6	TRIPS	Trip in Hole w/ 120' Core Barrel & HA						
22:00	23:00	1.00	17.00	9	CUT OFF DRILL LINE	Cut & Slip Drilling Line						
23:00	03:30	4.50	21.50	6	TRIPS	Trip In Hole , Break Circ Every 1000',(Lost 130 bbl Mud)						
03:30	04:30	1.00	22.50	3	REAMING	Wash & Ream 28' to bottom						
04:30	06:00	1.50	24.00	4	CORING	Cut Core #2 from 8060' to 8085' (25' @ 16.7 fph) 3-5k wob 283 gpm						
Mud Checks												
8,034.0ftKB, 5/16/2015 06:30												
Type DAP	Time 06:30	Depth (ftKB) 8,034.0	Density (lb/gal) 9.80	Funnel Viscosity (s/qt) 33	PV Override (cP) 5.0	YP OR (lb/100ft²) 8.000						
Gel 10 sec (lb/100ft²) 11.000	Gel 10 min (lb/100ft²) 21.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH 8.5	Sand (%) 0.3	Solids (%) 11.0						
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 32,000.000	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) 130.0	Mud Lost to Surface (bbl)	Reserve Mud Volume (bbl)	Active Mud Volume (bbl)								
Drill Strings												
BHA #3, Core#2												
Bit Run 3	Drill Bit 7 7/8in, DC88, 1493	Length (ft) 1.00	IADC Bit Dull 1-1-WT-A-X-0-NO-CP	TFA (incl Noz) (in²) 0.00	BHA ROP... 9.2							
Nozzles (1/32")		String Length (ft) 635.72		Max Nominal OD (in) 6.500								
String Components Corpro DC88, Core Barrel, Float sub, Jars, Drill Collar, HWDP												
Comment Corepro DC88 Core Bit,(4- 6.5" Core BBL ,4- 7 3/4" Stab.)(6.5"x2.5" Float Sub)((6.25x2.375 Jars)(6-6.25"x2.375"DC) (10-4.5"HW)												
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	8,085.0	25.00	1.50	16.7	283	6	45	705.0	145	162	9,800.0



Daily Drilling Report

Report for: 5/17/2015
 Report #: 11.0, DFS: 7.94
 Depth Progress: 95.00

Well Name: KENDALL 7-17-3-1E

UWI/API 43-047-55130		Surface Legal Location 9-17-3-1		License # FEE	
Spud Date 4/28/2015 11:00		Date TD Reached (wellbore) 5/19/2015 18:30		Rig Release Date 5/21/2015 03:30	
		Ground Elevation (ft) 4,975.00		Orig KB Elev (ft) 4,987.00	
Completion Type					
Weather Cloudy/ Rain		Temperature (°F) 62.0		Road Condition Good	
				Hole Condition Good	
Operation At 6am Trip In Hole			Operation Next 24hrs Trip In Hole, Continue Drilling 7 7/8" Production Hole From 8180'		

24 Hr Summary
 Cut Core #2 f/ 8085' to 8180' (95' @ 8.3 fph) No Losses, Circ. Bottoms up Sample, T.O.O.H as Per Trip Schedule, Lay Down Core, & Core Barrel 118.6' Recovery, Pick Up bit #4 (Security MM65M) Trip in Hole, Break Circ. Every 1000'
 Lithology - 30%LS,60%SH,10%CLYST - BKG 196 u

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	17:30	11.50	11.50	4	CORING	Cut Core #2 from 8085' to 8180' (95' @ 8.3 fph) 6k wob 283 gpm
17:30	18:30	1.00	12.50	5	COND MUD & CIRC	Circulate Bottoms Up Sample
18:30	02:00	7.50	20.00	6	TRIPS	Trip Out
02:00	04:30	2.50	22.50	6	TRIPS	Lay Down Core #2 & Core Barrel, 118.6' Recovery
04:30	06:00	1.50	24.00	6	TRIPS	Pick Up Bit #4 Trip in Hole

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
DAP	09:00	8,105.0	9.80	33	6.0	7.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
10.000	19.000			8.5	0.3	10.5
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
	30,000.000			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)		

Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...
3	7 7/8in, DC88, 1493	1.00	1-1-WT-A-X-0-NO-CP	0.00	9.2
Nozzles (1/32")		String Length (ft)		Max Nominal OD (in)	
		635.72		6.500	
String Components Corpro DC88, Core Barrel, Float sub, Jars, Drill Collar, HWDP					
Comment Corepro DC88 Core Bit, (4- 6.5" Core BBL ,4- 7 3/4" Stab.)(6.5"x2.5" Float Sub)((6.25x2.375 Jars)(6-6.25"x2.375"DC) (10-4.5"HW)					

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	8,085.0	8,180.0	120.00	13.00	8.3	283	6	45	705.0	145	162	10,50 0.0

AFE Number 1705515US	
Start Depth (ftKB) 8,085.0	End Depth (ftKB) 8,180.0
Target Formation Wasatch	Target Depth (ftKB) 9,351.0
Last Casing String Surface, 2,129.0ftKB	
Daily Contacts	
Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649
Brent Bascom	970-250-2928

Rigs	
Capstar Drilling, 316	
Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jacob Straton	Phone Mobile

<des>, <make>, <model>			
Pump #	Pwr (hp)	Rod Dia (in)	
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)	
6		0.079	
P (psi)	Slow Spd	Strokes (s...)	Eff (%)
700.0	No	90	95
P (psi)	Slow Spd	Strokes (s...)	Eff (%)
700.0	No	90	95

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Barite	10.65	40.0
DAP	35.00	10.0
Engineering	450.00	1.0
Hole Seal	21.00	8.0
Rental	50.00	1.0
Sea Mud	15.50	28.0
Tax	1.00	60.62

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 5/18/2015
 Report #: 12.0, DFS: 8.94
 Depth Progress: 770.00

Well Name: KENDALL 7-17-3-1E

UWI/API 43-047-55130		Surface Legal Location 9-17-3-1		License # FEE	
Spud Date 4/28/2015 11:00		Date TD Reached (wellbore) 5/19/2015 18:30		Rig Release Date 5/21/2015 03:30	
		Ground Elevation (ft) 4,975.00		Orig KB Elev (ft) 4,987.00	
Completion Type					
Weather Cloudy/ Rain		Temperature (°F) 61.0		Road Condition Good	
				Hole Condition Good	
Operation At 6am Drilling @ 8950'			Operation Next 24hrs Drill to 9350', 7 7/8" Production Hole TD, Circulate for :Logs, Lay Down Drill Pipe, Run Open Hole Logs.		

AFE Number 1705515US	
Start Depth (ftKB) 8,180.0	End Depth (ftKB) 8,950.0
Target Formation Wasatch	Target Depth (ftKB) 9,351.0
Last Casing String Surface, 2,129.0ftKB	

24 Hr Summary
 Trip In Hole, Wash & Ream 75' To Bottom, No Fill, Continue Drilling 7 7/8" Production Hole From 8180' to 8950' (770' @ 41.6 fph) 16K WOB, 394 GPM no Losses, Wasatch Top @ 8354', 80%SS,10%SH,10%CLYST, BKG 1400 u, Conn. 2550 u Peak 5726 u, @ 8754', Trip 3490 u @ 8180'

Time Log						
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	10:00	4.00	4.00	6	TRIPS	Trip In Hole, Break Circulation Every 1500'
10:00	10:30	0.50	4.50	3	REAMING	Wash & Ream 75' to Bottom, no fill
10:30	15:00	4.50	9.00	2	DRILL ACTUAL	Drilling f/ 8180' to 8361' (181' @ 40.2 fph) 16k wob,394 gpm, no losses
15:00	15:30	0.50	9.50	7	LUBRICATE RIG	Rig Service
15:30	20:30	5.00	14.50	2	DRILL ACTUAL	Drilling f/ 8361' to 8575' (214' @ 42.8 fph) 16k wob,394 gpm, no losses
20:30	21:00	0.50	15.00	10	DEVIATION SURVEY	Wireline Survey @ 8503', 1.58°
21:00	06:00	9.00	24.00	2	DRILL ACTUAL	Drilling f/ 8575' to 8950' (375' @ 41.7 fph) 16-18k wob,394 gpm, no losses

Daily Contacts	
Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649
Brent Bascom	970-250-2928

Rigs		
Capstar Drilling, 316		
Contractor Capstar Drilling	Rig Number 316	
Rig Supervisor Jacob Straton	Phone Mobile	
<des>, <make>, <model>		
Pump #	Pwr (hp)	Rod Dia (in)
Liner Size (in)	Stroke (in)	Vol/Stk OR (b...)
6		0.079
P (psi)	Slow Spd	Strokes (s... Eff (%)

Mud Checks						
8,180.0ftKB, 5/18/2015 08:00						
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
DAP	08:00	8,180.0	9.80	33	5.0	7.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
9.000	16.000			8.5	0.3	10.5
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
		30,000.000		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)		

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Barite	10.65	40.0
DAP	35.00	2.0
Engineering	450.00	1.0
Rental	50.00	1.0
Tax	1.00	7.26

Drill Strings						
BHA #4, Slick						
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...	
4	7 5/8in, MM65M, 12405030	1.00	0-0-NO-A-X-0-NO-TD	1.80	35.8	
Nozzles (1/32")		String Length (ft)		Max Nominal OD (in)		
16/16/16/16/16/16		580.57		6.500		
String Components						
Security MM65M, MM Performance Fixed 7/8 3.3 bend 1.5 rev .16, Drill Collar, HWDP						
Comment						
Security MM65M,(Performance 6.5",7/8,3.3 Stg. .16 Rev MM)(8-6.25"x2.375"DC)(10-4.5"HW)						

Safety Checks		
Time	Type	Des

Wellbores	
Wellbore Name	KO MD (ftKB)
Original Hole	

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	8,180.0	8,950.0	770.00	18.50	41.6	394	0	60	1,520.0	140	168	11,500.0



Daily Drilling Report

Report for: 5/19/2015
Report #: 13.0, DFS: 9.94
Depth Progress: 322.00

Well Name: KENDALL 7-17-3-1E

UWI/API 43-047-55130		Surface Legal Location 9-17-3-1		License # FEE	
Spud Date 4/28/2015 11:00		Date TD Reached (wellbore) 5/19/2015 18:30		Rig Release Date 5/21/2015 03:30	
		Ground Elevation (ft) 4,975.00		Orig KB Elev (ft) 4,987.00	
Completion Type					
Weather Cloudy/ Rain		Temperature (°F) 65.0		Road Condition Good	
				Hole Condition Good	
Operation At 6am Run Open Hole Logs			Operation Next 24hrs Run Open Hole Logs, Rig Up & Run 5.5" Production Casing, Cement Production Casing, Nipple Down BOP, Clean Pits.		
24 Hr Summary Drilling f/ 8950' to 9272', (322' @ 26.8 fph) 7 7/8" Production Hole TD, Circulate for Logs, Lay Down Drill Pipe, Run Open Hole Logs.					

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	Drilling f/ 8950' to 9216' (266' @ 28 fph) 16-18k wob,394 gpm, no losses
15:30	16:00	0.50	10.00	7	LUBRICATE RIG	Rig Service
16:00	18:30	2.50	12.50	2	DRILL ACTUAL	Drilling f/ 9216' to 9272 (56' @ 22.4 fph) 16-18k wob,394 gpm, no losses
18:30	20:00	1.50	14.00	5	COND MUD & CIRC	Circulate for logs, Spot 10.5 ppg kill pill TD to 6000'
20:00	23:30	3.50	17.50	6	TRIPS	Lay Down Drill Pipe to 3500'
23:30	00:30	1.00	18.50	5	COND MUD & CIRC	Circulate Hole Clean, 1 1/5 Bottoms Up @ 550 gpm
00:30	03:00	2.50	21.00	6	TRIPS	Lay Down Drill Pipe & BHA
03:00	06:00	3.00	24.00	11	WIRELINE LOGS	Rig Up Halliburton, Run Open hole Logs, 1 Run , Quad Combo w/ HFDT & IDT .

Mud Checks

9,157.0ftKB, 5/19/2015 12:30

Type DAP	Time 12:30	Depth (ftKB) 9,157.0	Density (lb/gal) 10.00	Funnel Viscosity (s/qt) 35	PV Override (cP) 6.0	YP OR (lb/100ft²) 14.000
Gel 10 sec (lb/100ft²) 14.000	Gel 10 min (lb/100ft²) 19.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%) 12.5
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 25,000.000	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 #4, Slick

Bit Run 4	Drill Bit 7 5/8in, MM65M, 12405030	Length (ft) 1.00	IADC Bit Dull 0-0-NO-A-X-0-NO-TD	TFA (incl Noz) (in²) 1.80	BHA ROP... 35.8
Nozzles (1/32") 16/16/16/16/16		String Length (ft) 580.57		Max Nominal OD (in) 6.500	

String Components

Security MM65M, MM Performance Fixed 7/8 3.3 bend 1.5 rev .16, Drill Collar, HWDP

Comment

Security MM65M,(Performance 6.5",7/8,3.3 Stg. .16 Rev MM)(8-6.25"x2.375"DC)(10-4.5"HW)

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	8,950.0	9,272.0	1,092.0	30.50	26.8	394	16	60	1,520.0	150	180	11.50
			0									0.0

AFE Number 1705515US	
Start Depth (ftKB) 8,950.0	End Depth (ftKB) 9,272.0
Target Formation Wasatch	Target Depth (ftKB) 9,351.0
Last Casing String Surface, 2,129.0ftKB	
Daily Contacts	
Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649
Brent Bascom	970-250-2928

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jacob Straton	Phone Mobile

<des>, <make>, <model>

Pump #	Pwr (hp)	Rod Dia (in)
Liner Size (in) 6	Stroke (in)	Vol/Stk OR (b...) 0.079
P (psi) 1,520.0	Slow Spd No	Strokes (s...) 125
		Eff (%) 95
P (psi) 1,520.0	Slow Spd No	Strokes (s...) 125
		Eff (%) 95

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
DAP	35.00	35.0
Engineering	450.00	1.0
Hole Seal	21.00	10.0
Rental	50.00	1.0
Sea Mud	15.50	44.0
Tax	1.00	131.1

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	



Daily Drilling Report

Report for: 5/20/2015
Report #: 14.0, DFS: 10.94
Depth Progress: 0.00

Well Name: KENDALL 7-17-3-1E

UWI/API 43-047-55130		Surface Legal Location 9-17-3-1		License # FEE	
Spud Date 4/28/2015 11:00		Date TD Reached (wellbore) 5/19/2015 18:30		Rig Release Date 5/21/2015 03:30	
		Ground Elevation (ft) 4,975.00		Orig KB Elev (ft) 4,987.00	
Completion Type					
Weather Cloudy/ Rain		Temperature (°F) 65.0		Road Condition Good	
				Hole Condition Good	
Operation At 6am Rig Down			Operation Next 24hrs M.I.R.U. on Kendall 15-17-3-1E		

24 Hr Summary
Run Open Hole Logs, 1 Run, Quad Combo, Loggers Depth 9275', Rig Up CRT & Run 212 Jts. 5.5" 17 lb/ft, CP-80 LT&C Production Casing, Set @ 9239', Float Collar Set @ 9193', Wasatch Marker Set @ 8330', TGR3 Marker set @ 6542', Landed Casing Hanger w/ 130K. Cement 5.5" Production Casing as Per Cementing Program, Floats Held, No Cement to Surface, Nipple Down BOP, Clean Pits, Release Rig @ 03:30, 5/21/2015.

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Aty Code	Activity	Com
06:00	11:30	5.50	5.50	11	WIRELINE LOGS	Rig Up Halliburton, Run Open hole Logs, 1 Run, Quad Combo w/ HFDT & IDT, Loggers Depth 9275'
11:30	20:30	9.00	14.50	12	RUN CASING & CEMENT	Rig Up CRT & Run 216 Jts. 5.5" 17 lb/ft, CP-80 LT&C Production Casing, Set @ 9239', Float Collar Set @ 9193', Wasatch Marker Set @ 8330', TGR3 Marker set @ 6542', Landed Casing Hanger w/ 125K
20:30	23:00	2.50	17.00	12	RUN CASING & CEMENT	Rig up Halliburton, Pressure Test lines to 5000 psi. Pump 10 bbl Fresh Water, 198 bbl (400 sx) 11.0 ppg, 2.78 cuft/sk Lead Cement @ 6 bbl/min., 176 bbl (595 sx) 13.1 ppg, 1.66 cuft/sk Tail cement @ 6 bbl/min, Good Returns. Displace w/ 213 bbl. Fresh water - Returns slowed to 1 bbl/min @ 3 bbl/min. slow pump Rate 2100 psi lift pressure @ 3 bbl/ min. Land Latch Down Plug w/ 2600 psi, Floats Held. No cement to Surface.
23:00	23:30	0.50	17.50	12	RUN CASING & CEMENT	Rig Down Halliburton, Lay down Landing Joint & CRT.
23:30	03:30	4.00	21.50	14	NIPPLE UP B.O.P	Nipple Down BOP, Clean Pits, Release Rig @ 03:30, 5/21/2015

Mud Checks

9,157.0ftKB, 5/20/2015 00:00						
Type DAP	Time 00:00	Depth (ftKB) 9,157.0	Density (lb/gal) 11.00	Funnel Viscosity (s/qt) 35	PV Override (cP) 6.0	YP OR (lb/100ft²) 14.000
Gel 10 sec (lb/100ft²) 9.000	Gel 10 min (lb/100ft²) 15.000	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) 25,000.000	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 #<stringno>, <des>						
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...	
Nozzles (1/32")			String Length (ft)	Max Nominal OD (in)		
String Components						
Comment						

Drilling Parameters

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

AFE Number 1705515US	
Start Depth (ftKB) 9,272.0	End Depth (ftKB) 9,272.0
Target Formation Wasatch	Target Depth (ftKB) 9,351.0
Last Casing String Production, 9,239.3ftKB	

Daily Contacts

Job Contact	Mobile
Floyd Mitchell	435-823-3608
Jesse Blanchard	435-828-2649
Brent Bascom	970-250-2928

Rigs

Capstar Drilling, 316

Contractor Capstar Drilling	Rig Number 316
Rig Supervisor Jacob Straton	Phone Mobile

<des>, <make>, <model>

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

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Barite	10.65	200.0
Engineering	450.00	1.0
Hole Seal	21.00	12.0
Rental	50.00	1.0
Tax	1.00	18.27

Safety Checks

Time	Type	Des

Wellbores

Wellbore Name	KO MD (ftKB)
Original Hole	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP		8. WELL NAME and NUMBER: Kendall 7-17-3-1E
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202		9. API NUMBER: 43047551300000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2185 FNL 1957 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 17 Township: 03.0S Range: 01.0E Meridian: U		9. FIELD and POOL or WILDCAT: INDEPENDENCE
		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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/14/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<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 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 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 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 first production of hydrocarbons from Kendall 7-17-3-1E on June 14, 2015.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
June 17, 2015**

NAME (PLEASE PRINT) Kelly Beverlin	PHONE NUMBER 720 880-3635	TITLE Engineering Technician
SIGNATURE N/A	DATE 6/17/2015	

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

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:

9. API NUMBER:

10 FIELD AND POOL, OR WILDCAT

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

12. COUNTY

13. STATE

UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

2. NAME OF OPERATOR:

3. ADDRESS OF OPERATOR: CITY STATE ZIP PHONE NUMBER:

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE:

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

14. DATE SPUDDED: 15. DATE T.D. REACHED: 16. DATE COMPLETED: ABANDONED READY TO PRODUCE 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 PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) 23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (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

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A)				
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			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:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

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 Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

Crescent Point Energy
KENDALL 7-17-3-1E - Actual

Unitah County
Section 17 T3S, R1E
Your Ref: capstar 316 rkb @ 4988.4

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
2171	1.5	208.3	2170.75	-25.02	-13.47	-24.48	0.07
2257	0.9	266.7	2256.74	-26.05	-14.68	-25.46	1.49
2342	1.4	339.6	2341.72	-25.12	-15.71	-24.48	1.68
2428	1.5	346	2427.69	-23.04	-16.35	-22.38	0.22
2513	2.1	352	2512.65	-20.42	-16.83	-19.75	0.74
2599	2	355.9	2598.6	-17.36	-17.16	-16.68	0.2
2685	1.9	357.7	2684.55	-14.44	-17.32	-13.75	0.14
2770	1.7	356.2	2769.51	-11.77	-17.46	-11.08	0.24
2856	2.8	5.2	2855.44	-8.41	-17.36	-7.72	1.34
2941	2.9	8.1	2940.33	-4.21	-16.87	-3.55	0.21
3027	3.1	7.3	3026.22	0.25	-16.27	0.88	0.24
3112	3.1	9.1	3111.09	4.8	-15.61	5.4	0.11
3198	2.9	10.6	3196.97	9.23	-14.84	9.8	0.25
3283	3	10.7	3281.86	13.53	-14.03	14.07	0.12
3369	3.1	11.8	3367.74	18.02	-13.14	18.52	0.13
3454	3.1	10.9	3452.61	22.53	-12.24	22.99	0.06
3540	3.1	13.9	3538.49	27.07	-11.24	27.48	0.19
3625	2.9	15.6	3623.37	31.37	-10.11	31.74	0.26
3711	2.9	15.8	3709.26	35.56	-8.93	35.88	0.01
3796	2.4	12.4	3794.17	39.36	-7.96	39.65	0.62
3882	1.8	12.8	3880.11	42.44	-7.28	42.69	0.7
3967	2.1	0.9	3965.06	45.3	-6.96	45.54	0.59
4052	3	8.7	4049.98	49.06	-6.59	49.28	1.13
4138	2.5	9.2	4135.88	53.13	-5.95	53.32	0.58
4223	2.8	6.7	4220.79	57.02	-5.42	57.19	0.38
4309	3	2.8	4306.68	61.36	-5.06	61.51	0.33
4394	2.6	3.3	4391.58	65.5	-4.84	65.64	0.47
4480	2.6	356.2	4477.49	69.4	-4.86	69.53	0.37
4566	2.4	0	4563.41	73.14	-4.99	73.28	0.3
4651	3.5	6	4648.29	77.5	-4.72	77.63	1.34
4737	3.6	4.2	4734.13	82.81	-4.24	82.91	0.17

4822	3.5	8.8	4818.96	88.03	-3.65	88.11	0.36
4908	3.2	6.3	4904.82	93.01	-2.99	93.06	0.39
4993	3.1	1	4989.69	97.67	-2.69	97.7	0.36
5079	2.8	359.2	5075.58	102.1	-2.67	102.12	0.37
5164	2.1	350.7	5160.5	105.71	-2.96	105.74	0.93
5250	2.1	347.1	5246.44	108.8	-3.56	108.86	0.15
5335	1.6	337.2	5331.4	111.41	-4.37	111.5	0.7
5421	1.2	316.1	5417.37	113.17	-5.46	113.29	0.75
5506	1.1	290.1	5502.35	114.09	-6.84	114.27	0.62
5592	1.3	266.9	5588.34	114.32	-8.59	114.57	0.61
5677	1.1	275.5	5673.32	114.35	-10.37	114.66	0.32
5763	1.6	253.5	5759.29	114.08	-12.34	114.48	0.83
5848	2.1	252.4	5844.25	113.28	-14.96	113.77	0.59
5934	1	246.7	5930.22	112.5	-17.15	113.09	1.29
6019	1	244.9	6015.2	111.89	-18.51	112.53	0.04
6105	1.3	217.8	6101.19	110.81	-19.78	111.49	0.71
6190	1.7	204.3	6186.16	108.89	-20.89	109.63	0.62
6276	1.9	198.4	6272.11	106.38	-21.87	107.15	0.32
6362	1.2	175.5	6358.08	104.13	-22.25	104.92	1.07
6447	1.5	177.9	6443.06	102.13	-22.14	102.91	0.36
6533	1.8	177.9	6529.02	99.65	-22.05	100.44	0.35
6618	1.5	173.2	6613.99	97.22	-21.87	97.99	0.39
6704	1.8	183.2	6699.95	94.75	-21.81	95.53	0.48
6789	1.6	182.9	6784.92	92.23	-21.94	93.02	0.24
6875	1.7	175.4	6870.88	89.76	-21.9	90.55	0.28
6960	1.3	160.1	6955.85	87.6	-21.47	88.37	0.66
7045	2.7	151.3	7040.8	84.93	-20.18	85.66	1.68
7131	2.5	131	7126.71	81.93	-17.79	82.56	1.09
7216	2.4	125.4	7211.63	79.68	-14.94	80.2	0.31
7302	2.6	131.7	7297.55	77.34	-12.02	77.75	0.39
7388	2.8	134.7	7383.46	74.56	-9.07	74.86	0.28
7473	2.1	126.4	7468.38	72.18	-6.34	72.37	0.92
7559	1.9	119.7	7554.33	70.54	-3.83	70.63	0.36
7644	1.1	83.9	7639.3	69.93	-1.8	69.94	1.41
7730	1.8	87.6	7725.27	70.07	0.37	70	0.82
7815	0.5	146.1	7810.25	69.82	1.91	69.69	1.88
7890	1.115	165.467	7885.24	68.84	2.28	68.7	0.89
7920	1.172	179.312	7915.24	68.25	2.35	68.11	0.94
7950	1.416	186.703	7945.23	67.58	2.32	67.43	0.98
7980	1.462	194.672	7975.22	66.84	2.18	66.7	0.68
8010	1.483	192.399	8005.21	66.09	1.99	65.96	0.21
8040	1.57	201.512	8035.2	65.33	1.76	65.21	0.86
8070	1.612	203.621	8065.19	64.56	1.44	64.45	0.24
8100	1.589	203.66	8095.18	63.79	1.11	63.7	0.08
8130	1.613	204.269	8125.17	63.02	0.76	62.95	0.1
8160	1.638	203.148	8155.15	62.25	0.42	62.18	0.13
8190	1.64	202.459	8185.14	61.45	0.09	61.4	0.07

8220	1.564	198.667	8215.13	60.67	-0.21	60.63	0.44
8250	1.6	197.211	8245.12	59.88	-0.46	59.85	0.18
8280	1.602	195.187	8275.11	59.08	-0.69	59.06	0.19
8310	1.589	190.73	8305.1	58.26	-0.88	58.25	0.42
8340	1.432	187.023	8335.08	57.48	-1	57.48	0.62
8370	1.675	187.002	8365.07	56.68	-1.1	56.68	0.81
8400	1.8	185.753	8395.06	55.77	-1.2	55.78	0.44
8430	1.645	178.35	8425.05	54.87	-1.24	54.88	0.9
8460	1.726	187.452	8455.03	53.99	-1.29	54	0.93
8490	1.819	180.658	8485.02	53.07	-1.35	53.08	0.76
8520	1.823	179.021	8515	52.12	-1.35	52.13	0.17
8550	1.848	179.244	8544.99	51.16	-1.33	51.17	0.09
8580	1.752	176.634	8574.97	50.21	-1.3	50.23	0.42
8610	1.774	175.768	8604.96	49.29	-1.24	49.3	0.11
8640	1.741	177.996	8634.95	48.37	-1.19	48.38	0.25
8670	1.794	175.898	8664.93	47.45	-1.14	47.46	0.28
8700	1.911	168.939	8694.92	46.49	-1.01	46.5	0.84
8730	1.828	173.658	8724.9	45.52	-0.86	45.52	0.58
8760	1.933	172.879	8754.88	44.55	-0.74	44.54	0.36
8790	1.905	175.829	8784.87	43.55	-0.65	43.54	0.34
8820	1.851	177.005	8814.85	42.57	-0.58	42.56	0.22
8850	1.953	176.91	8844.83	41.57	-0.53	41.56	0.34
8880	2.103	176.476	8874.82	40.51	-0.47	40.5	0.5
8910	1.989	177.345	8904.8	39.44	-0.41	39.43	0.39
8940	1.939	178.569	8934.78	38.42	-0.37	38.4	0.22
8970	1.998	182.279	8964.76	37.39	-0.38	37.37	0.47
9000	2.092	180.789	8994.74	36.32	-0.41	36.3	0.36
9030	2.236	178.287	9024.72	35.18	-0.4	35.17	0.57
9060	2.149	180.212	9054.7	34.04	-0.39	34.03	0.38
9090	2.075	183.851	9084.68	32.93	-0.42	32.92	0.51
9120	2.249	181.072	9114.66	31.8	-0.47	31.8	0.68
9150	1.921	202.755	9144.64	30.75	-0.68	30.75	2.83
9180	2.79	202.804	9174.61	29.61	-1.15	29.64	2.9

All data are in feet unless otherwise stated. Directions and coordinates are relative to True North. Vertical depths are relative to KENDALL 7-17-3-1E. 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 357.767° (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 1.022°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 9180.00ft., the Bottom Hole Displacement is 29.64ft., in the Direction of 357.767° (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: Kendall 7-17-3-1E
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP	9. API NUMBER: 43047551300000
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: 2185 FNL 1957 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 17 Township: 03.0S Range: 01.0E Meridian: U	9. FIELD and POOL or WILDCAT: INDEPENDENCE
	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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/18/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" 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.
 Please see attached application to commingle production formations for Kendall 7-17-3-1E

Approved by the
 September 08, 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	



555 17th Street, Suite 1800
Denver, CO 80202
Phone: (720) 880-3610

August 17, 2015

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

RE: Sundry Notices
Kendall 7-17-3-1E
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 303-382-6794.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Andrew M. Stone', written in a cursive style.

Andrew M. Stone
Land Consultant

Enclosures



40 Acre Spacing Unit



Application for Commingling
Kendall 5-17-3-1E
12/11/2014

Kendall
7-17-3-1E
SWNE

CPEUSC: 90% WI
Bro Energy: 10% WI

**T3S R1E
17**

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

Andrew M. Stone, 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 a Land Consultant. 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:

Kendall 7-17-3-1E

SWNE Section 17 T3S-R1E

That in compliance with the Utah OGM regulation R649-3-22, I would have provided a copy of the Sundry Notices to the owners of all contiguous oil and gas leases or drilling units overlying the pool, however, Crescent Point is an owner as well as the following:

Bro Energy LLC
4834 S Highland Drive
Creekside Place, Suite 200
Salt Lake City, UT 84117

Date: August 17, 2015

Affiant



Andrew M. Stone
Land Consultant



555 17th Street, Suite 1800
Denver, CO 80202
Phone: (720) 880-3610

July 1, 2016

Oil & Gas Permitting Manager
State of Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801

RECEIVED
JUL 06 2016
DIV. OF OIL, GAS & MINING

RE: Crescent Point Energy US Corp
UIC Permit Application: KENDALL 7-17-3-1E
SW/NE of Section 17, T3S, R1E
Uintah County, Utah

43 0A7 55130

Dear Permitting Manager:

Attached please find Crescent Point Energy US Corp's (Crescent Point) UIC permit application and supporting documentation for the **KENDALL 7-17-3-1E**. Following drill permit approval, Crescent Point drilled and completed then began producing the well effective June 2015. The flowing bottom hole pressure has stabilized and Crescent Point is preparing to convert the well to a Class II injection well for the purpose of water injection for secondary recovery of mineral resources.

Thank you in advance for your time and review. Should you have any questions or need additional information please contact me at ccombs@crescentpointenergy.com or by phone at 303-293-5851.

Sincerely,

A handwritten signature in black ink, appearing to read 'C. Combs', written over a white background.

Christian Combs
Senior Regulatory Specialist

INSTRUCTIONS

This form shall be submitted by the well operator prior to the commencement of operations for injecting any fluid into a well for the purpose of enhanced recovery, disposal, or storage within the state of Utah, in accordance to the Utah Oil and Gas Conservation General Rules. Approvals or orders authorizing injection wells shall be valid for the life of the well, unless revoked by the board for just cause, after notice and hearing.

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

**UNDERGROUND INJECTION CONTROL (UIC)
PERMIT APPLICATION**

KENDALL 7-17-3-1E
SW/NE of Section 17, T3S, R1E
Uintah County, Utah
API # 4304755130
Lease # Fee



Crescent Point

555 17th Street, Suite 1800
Denver, CO 80202
P | 720-880-3610

July 1, 2016

LIST OF ATTACHMENTS

- Attachment 2-1: Area Map
- Attachment 2-2: Map of Wells Located within Area of Interest
- Attachment 2-3: Surface & Mineral Ownership Map
- Attachment 2-4: Notification Affidavit
- Attachment 3-1: Cement Bond Logs for Wells within Area of Interest
- Attachment 3-2: Wellbore Diagrams for Wells within Area of Interest
- Attachment 4-1: Proposed Wellbore Diagram
- Attachment 4-2: Injection Well Conversion Procedures
- Attachment 4-3: Laboratory Fluid Analysis
- Attachment 5-1: Cross Section of Confining Layers and Injection Zones

1. Introduction

An Application for Permit to Drill (APD) was submitted to UDOGM for the KENDALL 7-17-3-1E well in December of 2014. Following permit approval, Crescent Point Energy US Corp (Crescent Point) drilled and has been producing the well since June 2015. Well pressure has stabilized and Crescent Point is prepared to convert the well to a Class II UIC well. The following document contains information in support of the application for a Class II Underground Injection Control (UIC) well.

The KENDALL 7-17-3-1E injection well will be one of 4 injection wells used by Crescent Point as part of a pilot waterflood project. The goal of this project will be the enhanced recovery of oil from nearby production wells. The targeted intervals for waterflooding in the proposed pilot are lenticular-channel sandstones in the Green River and Wasatch formations. The majority of the waterfloodable objective sands occur over an average depth range of 5,000 feet to 8,000 feet. Crescent Point proposes to inject water into any, or all, of the reservoirs within the proposed injection interval to develop the multiple potential waterflood horizons. Initial waterflood operations will target the Green River and Wasatch intervals. The waterflood operations in the nearby Greater Monument Butte Unit serve as an analog for this proposed waterflood project.

2. Area of Review

Attachment 2-1 is a map showing the area around KENDALL 7-17-3-1E. The legal location for the proposed injection well is 2,185' FNL & 1,957' FEL, Section 17, Township 3 South, Range 1 East, Uintah County, Utah.

Attachment 2-2 is a site map showing the area of interest. This map includes a ½-mile radius of the proposed injection well. Crescent Point is required to investigate all wells for mechanical integrity within the area of interest. Refer to Table 2-1 for a list of the wells that fall within the ½-mile area of interest.

Table 2-1 Area of Interest (1/2-mile) Wells

Well Name	Well Type	Well Status	Operator
GRAY 2-17-3-1E	OIL	Producing	Crescent Point
KENDALL 3-17-3-1E	OIL	Producing	Crescent Point
KENDALL 5-17-3-1E	OIL	Producing	Crescent Point
KENDALL 6-17-3-1E	OIL	Producing	Crescent Point
KENDALL 7-17-3-1E	OIL	Producing	Crescent Point
KENDALL 8-17-3-1E	OIL	Spud / Not Completed	Crescent Point
KENDALL 9-17-3-1E	OIL	Producing	Crescent Point
KENDALL 10-17-3-1E	OIL	Producing	Crescent Point
KENDALL 11-17-3-1E	OIL	Producing	Crescent Point
KENDALL 14-17-3-1E	OIL	Producing	Crescent Point
KENDALL 15-17-3-1E	OIL	Producing	Crescent Point
KENDALL 16-17-3-1E	OIL	Spud / Not Completed	Crescent Point
WOMACK 5-16-3-1E	OIL	Producing	Crescent Point

Attachment 2-3 is a figure depicting surface and mineral ownership within ½-mile of the proposed injector well. Provided in Attachment 2-4 is an affidavit of notification for the interest owners.

3. Well Data

The injection well conversion is being proposed to inject produced water from wells Crescent Point is operating in the area. Water injections will be conducted to increase oil recovery within currently producing formations in the Randlett Field.

Electrical and cement bond logs are on file with UDOGM as they were filed with completion reports after initial completion of this well.

Cement bond logs and well bore diagrams for those wells that fall within the ½-mile radius area of interest (see Table 2-1) are on file with UDOGM or are provided in Attachment 3-1 and Attachment 3-2, respectively.

4. Operating Data

Casing Program & UIC Conversion

The casing and cementing program for KENDALL 7-17-3-1E is provided below. A well bore diagram is provided in Attachment 4-1.

Table 4-1 Casing

Size	Interval		Weight	Grade	Coupling	Design Factors			
	Top	Bottom				Burst	Collapse	Tension	
Conductor 16" Hole Size 24"	0'	52'	84'	J55	STC	1,640'	1,410'	439'	API
Surface Casing 8 5/8" Hole Size 12 1/4"	0'	2,129'	24'	J55	STC	2,950'	1,370'	299,000'	API
						862'	1,208'	51,000'	Load
						3.42'	1.13'	4.78'	SF
Prod Casing 5 1/2" Hole Size 7 7/8"	0'	9,239'	17'	L80	LTC	7,740'	6,290'	338,000'	API
						6,178'	4,828'	157,000'	Load
						1.25'	1.30'	2.15'	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 is new or, if used, was inspected and tested. Used casing met or exceed API standards for new casing. All casing strings have a minimum of one (1) centralizer per joint on the bottom three joints.

Table 4-2 Cement

Job	Fill	Description	Excess	Sacks	Weight (ppg)	Yield (ft ³ /sk)
Surface Casing Lead	1,629' - surface	Class G	75%	378	12	2.86
Surface Casing Tail	2,129' - 1,629'	Class G	75%	356	15.8	1.15
Prod Casing Lead	4,700' - Surface	Class G	45% in open-hole 0% in Cased hole	400	11	2.78
Prod Casing Tail	TD - 4,700'	Class G	15%	595	13.1	1.66

- Compressive strength of tail cement: 500 psi @ 7 hours

Waiting On Cement: A minimum of four (4) hours elapsed prior to attempting any pressure testing of the BOP equipment, and a minimum of six (6) hours elapsed before drilling out the wiper plug, cement, and/or shoe. WOC time was recorded in the Driller's Log. Compressive strength was a minimum of 500 psi prior to drilling out.

DOGM was notified, with sufficient lead time, in order to have a DOGM representative on location while running all casing strings and cementing.

The 8-5/8" surface casing was cemented back to surface and remedial surface cementing operations were not required or performed as adequate isolation and stabilization of the surface casing was achieved.

The production casing cementing program was 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 were isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. Gilsonite was not encountered while drilling, therefore isolation and/or protection via the cementing program was not required.

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

All casing strings below the conductor were pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever was greater, but did not to exceed 70% of the minimum internal yield. Pressure did not decline more than 10% in 30 minutes, therefore corrective action was not required.

UIC Conversion:

The KENDALL 7-17-3-1E well will be converted to water injection by setting a mechanical packer approximately 20 feet above the uppermost perforation. The casing annulus will be filled with a commercial packer fluid containing oxygen scavengers, corrosion inhibitor, and bactericide. The well

will be tested for mechanical integrity prior to water injection according to the specific instructions set forth by the State of Utah Department of Natural Resources, Division of Oil, Gas and Mining. The wellhead injection assembly will consist of a check valve, turbine type flowmeter, pressure gauge, and full open tubing valve. All operations will be conducted in a workman-like manner and care will be taken to protect the environment. A proposed wellbore diagram for KENDALL 7-17-3-1E is provided in Attachment 4-1 and Attachment 4-2 contains the procedure to be used for conversion of a UIC well. An as constructed wellbore diagram is attached as part of the wellbore diagrams in Attachment 3-2 and cement logs have been filed with UDOGM.

Injection Fluid

Injection water will be treated produced water from the ULT 11-5-4-2E SWD water treatment facility. Water will be trucked to the injector wells in Section 17 and then will be injected downhole; Crescent Point is expecting roughly up to 500 barrels of water per day (BWPD) to be injected at each injector in this pilot program.

Attachment 4-3 contains water analysis reports for water collected from the ULT 11-5-4-2E SWD and the Kendall 7-17-3-1E. Analysis of additional wells is available should UDOGM need more information. The average TDS concentration of the water samples was 27569.26 mg/l. The details and results for the TDS samples are summarized in **Table 4-3**.

Table 4-3 Summary of TDS Concentrations – Representative Injection Fluid

Well Name	Sample Date	Sample Formation	TDS (mg/l)
Kendall 7-17-3-1E	3/18/2016	Green River and Wasatch	17686.00
Deep Creek 11-15-4-2E	10/22/2015	Green River and Wasatch	22804.84
Lamb 5-15-4-2E	2/15/2016	Green River and Wasatch	25459.20
ULT 11-5-4-2E SWD	1/18/2016	Green River and Wasatch	44327.00

Injection Pressure & Rate

The daily volumetric injection rate will vary depending upon results from the initial phases of the this Waterflood Project and step rate test results, but Crescent Point anticipates an injection volume of up to 500 barrels of water per day (BWPD). Injection rate will be constrained by the maximum allowable injection pressure (MAIP) at surface which is based on the fracture gradient and step rate test results. The average fracture gradient from tests performed on similar wells was 0.73 pounds per square inch per foot (psi/ft). The estimated MAIP is based on the fracture gradient, depth to mid-point of injection zones, and average disposal fluid specific gravity. Based on these values, the initial estimate for MAIP is 2288.7 psi (see calculations below). The actual MAIP at the proposed injection well will be determined when the Step Rate Test is conducted during conversion. The actual pressure will depend upon the fracture gradient(s) approved by DOGM.

Step rate test results will be provided to UDGOM pending authorization to inject and completion of well conversion.

Estimated Maximum Allowable Injection Pressure:

- 7-17-3-1E estimated fracture gradient: 0.73 psi/ft
- Disposal Fluid specific gravity: 1.020
- Approximate depth to mid-point of injection zones: 7368.5 feet

MAIP = (0.73-(0.433*1.02))*7937.5 = 2288.7 psi

5. Geology of Injection & Confining Zones

Estimated Tops of Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Uinta	Surface to 4,707'
Base USDW	2,347'
Green River	4,707'
Mahogany	5,451'
Top of Upper Confining Zone	6,303'
Base of Upper Confining Zone (TGR3)	6,376'
TGR3 Marker - Top of productive Lower Green River (LGRR)	6,376'
Doug Creek	7,287'
Castle Peak	7,938'
Uteland Butte	8,238'
Wasatch	8,384'
TD	9,272'
Estimated Top of Lower Confining Zone	9,510'
Estimated Base of Lower Confining Zone (TW_700)	9,700'

General Geology

Uinta Formation: Surface to 4,707 feet in the Kendall 7-17-3-1E.

The Uinta Formation (Eocene) consists of alternating beds of light-gray calcareous mudstones and light brown to brown siltstones and sandstones. The Uinta Formation was deposited in fluvial and flood plain environments. The siltstone and sandstone beds were deposited in fluvial channels and are more abundant in the lower portion of the formation. The intervening calcareous mudstones were deposited in flood plain environments. The lower portion of the Uinta Formation is transitional into lacustrine deposits in the central portion of the Uinta Basin.

Green River Formation: 4,707 feet to 8,384 feet in the Kendall 7-17-3-1E.

The Green River Formation (Eocene) is a complex mixture of clastics, carbonates and organic rich claystones deposited in an alluvial to lacustrine depositional system. The Green River interfingers with both the overlying Uinta and underlying Wasatch Formations. The Green River Formation is subdivided into four members, which in ascending order are: Lower Member, Douglas Creek Member, Garden Gulch Member, and the Parachute Creek Member.

The Lower Member consists of interbedded carbonates, mainly limestones and dolstones. Occasionally there are some sand beds intermingled with the carbonate section.

The Douglas Creek Member consists of light gray alternating beds of calcareous sandstone and dark gray to brown brittle shale with minor amounts of oil shale, dolomite and limestone.

The Garden Gulch Member directly overlies the Douglas Creek Member and consists primarily of dark colored shales and very fine grained sandstones. Shale intervals are thicker than those of the Douglas Creek Member and organic rich.

The Parachute Creek Member directly overlies the Garden Gulch Member and consists of a thick

succession of dark brown, dark gray, light green and red shales with occasional fine grained sandstones. The Parachute Creek Member contains the most organic rich oil shales, including the Mahogany Oil Shale Zone.

Wasatch Formation: 8,384 feet to TD (9,272 feet) in the Kendall 7-17-3-1E

The Wasatch Formation (Paleocene - Eocene) consists of poorly sorted variegated mudstones and siltstones in shades of red, green and gray inter-bedded with beds and lenses of sandstone, conglomerate and minor carbonate deposits. Sandstones are very light brown to gray, irregularly bedded and are fine to medium grained. Conglomeratic sandstones often containing black chert and varicolored quartzite pebbles commonly occur at the base of sand bodies. Wasatch deposition took place in mixed fluvial to lacustrine depositional environments. The Wasatch Formation interfingers with and in places is time equivalent to the Green River Formation.

Upper Confining Zone (Upper Confining Zone to top of TGR3):

The upper confining zone is a regionally continuous interval that contains low porosity claystones and calcareous shales. The thickness of the upper confining zone is 73 feet in the Kendall 7-17-3-1E

Injection Zones:

The injection intervals for the Kendall 7-17-3-1E injection well are located in the Lower Green River (LGRR) and Wasatch formations. The proposed intervals are identified as the Garden Gulch, Douglas Creek and Castle Peak members of the LGRR Formation and the Wasatch Formation. The proposed injection interval is the top of the TGR3 to TD in the Wasatch. At the Kendall 7-17-3-1E location those depths range from 6,376 feet to the total depth of 9,272 feet

The Garden Gulch and Douglas Creek members are composed of porous and permeable sandstones inter-bedded with lower permeability siltstones, marlstones, and minor shale breaks.

The Castle Peak member lies beneath the Black Shale marker within the LGRR Formation. The Castle Peak and Uteland Butte members are composed of inter-bedded porous and permeable calcareous sandstones with low porosity and permeability calcareous shales, siltstones, and laterally extensive limestone units.

The injection zones within the Wasatch Formations consist of inter-bedded porous and permeable calcareous sandstones with low porosity and permeability calcareous shales, siltstones, and laterally extensive limestone units.

Lower Confining Zone (Lower Confining Zone to TW 700):

The lower confining zone is a regionally continuous interval that contains interbedded low porosity and low permeability siltstones and claystones. The Kendall 7-17-3-1E did not penetrate the lower confining zone which is estimated to be at 9,510 feet. The estimated thickness of the lower confining zone underlying the Kendall 7-17-3-1E is 190 feet. The lower confining zone is defined as the interval from 8,210' to 8,422' in the UTE 13-1C located approximately seven miles to the southeast. Only eight wells in the area have penetrated the lower confining zone.

6. Fresh Water Aquifers & Underground Sources of Drinking Water (USDW)

A search of Utah Division of Water Rights records indicates the closest underground water well facility used for irrigation, stockwater, and domestic purposes is outside the area of interest.

Attachment 2-1
Area Map

ATTACHMENT 2-1
AREA MAP

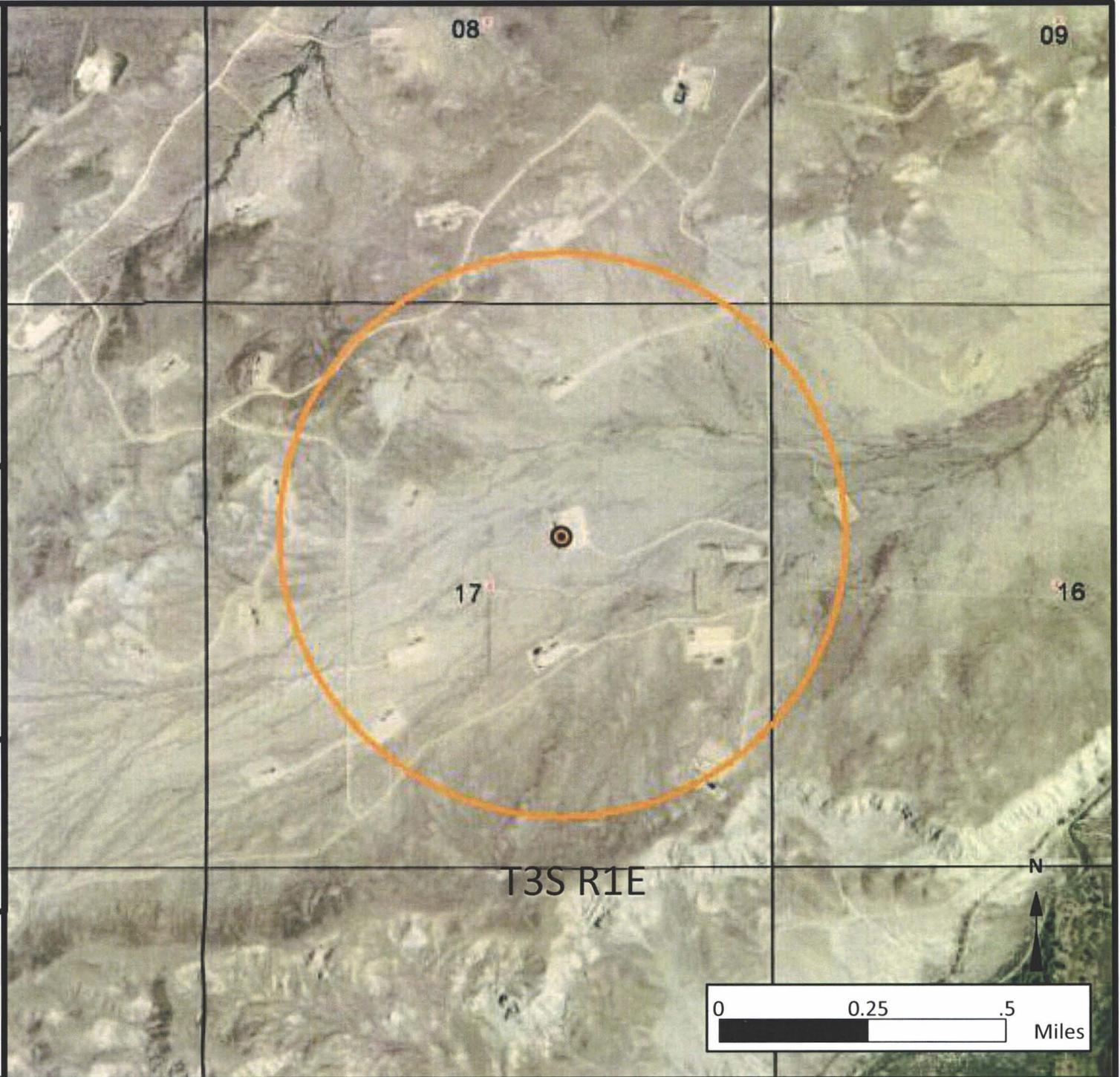


**KENDALL
7-17-4-2E**

Drawn by: C. Combs

Sec 17 – T3S – R1E

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Crescent Point Energy U.S. Corp makes no representations or warranties, express or implied, as to accuracy, completeness, or timeliness. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document



Attachment 2-2
Map of Wells Located in Area of Interest



KENDALL 7-17-3-1E

Drawn by: C. Combs

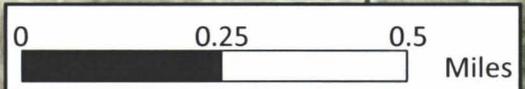
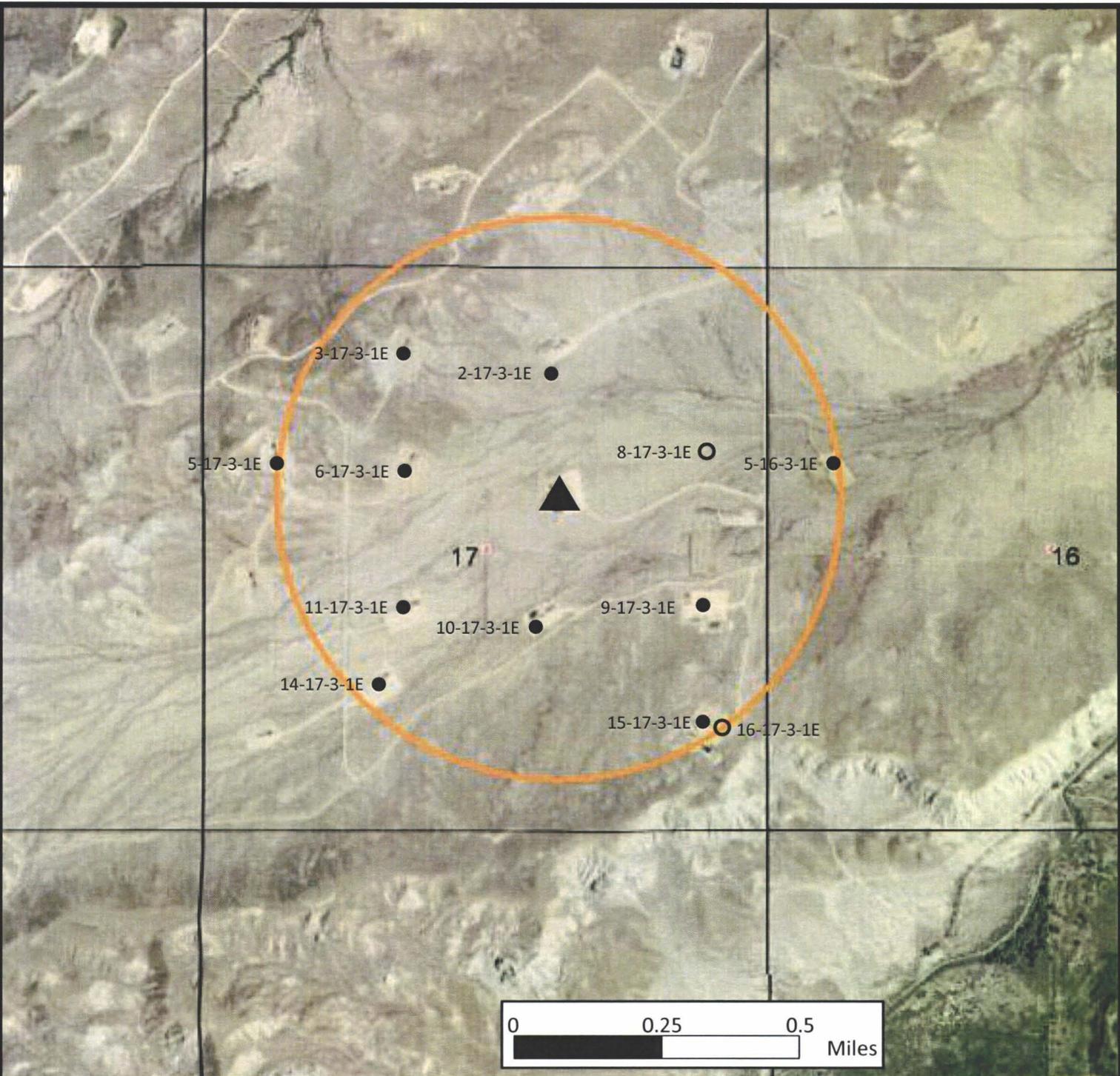
Sec 17 – T3S – R1E

Legend

-  Proposed Well Location
 -  1/2 Mile Radius Area of Review
 -  Producing Wells
 -  Spud not Drilled/Completed
- N


ATTACHMENT 2-2 Wells Located with Area of Interest

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Crescent Point Energy U.S. Corp makes no representations or warranties, express or implied, as to accuracy, completeness, or timeliness. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document



Attachment 2-3
Surface & Mineral Ownership Map



Crescent Point
ENERGY CORP

KENDALL 7-17-3-1E

Drawn by: C. Combs

Sec 17 – T3S – R1E

Legend

▲ Proposed Well Location

■ Fee Surf / Fee Mineral

■ Tribal Surf / Tribal Mineral

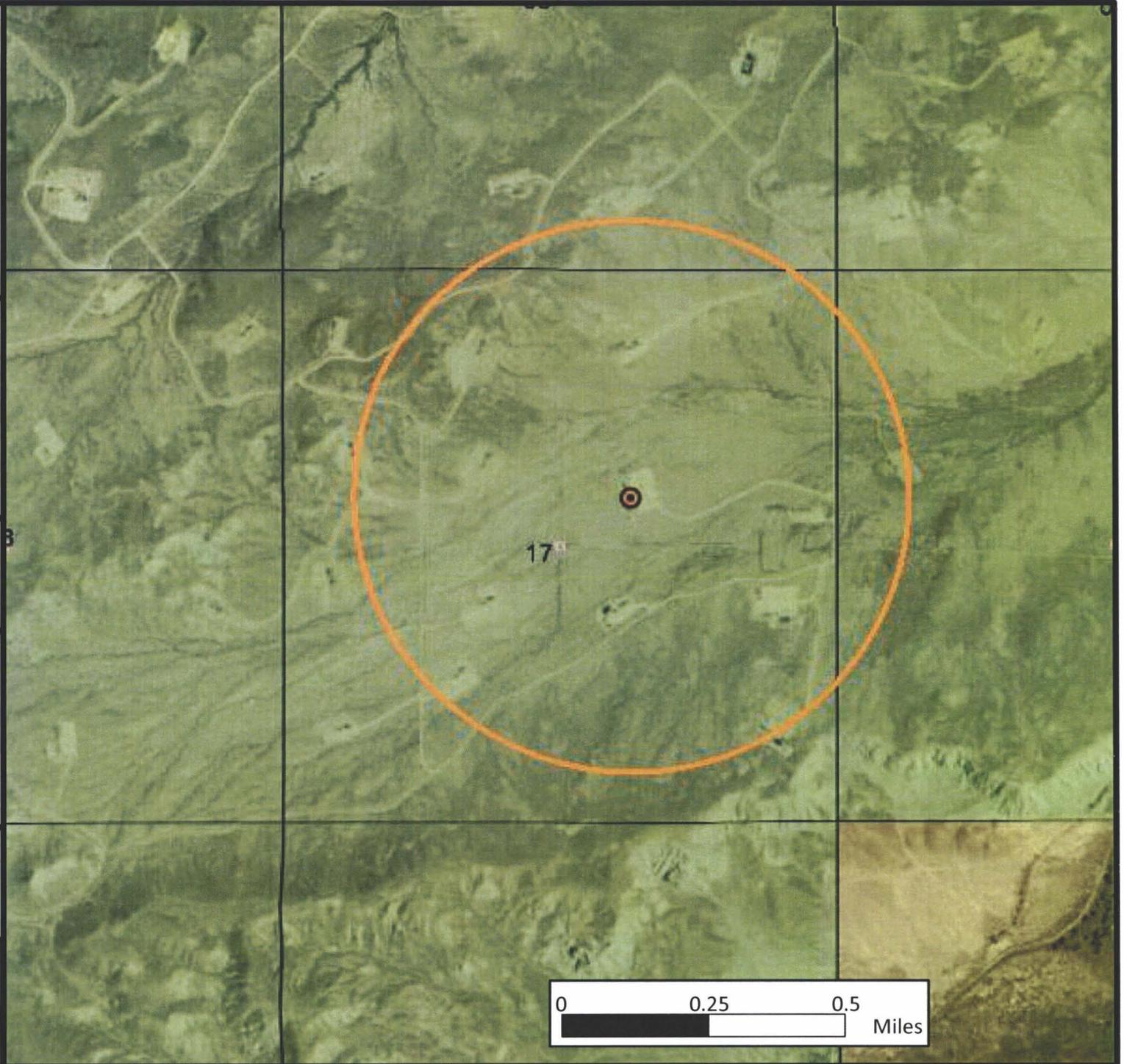
N



ATTACHMENT 2-3 Surface and Mineral Ownership

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Crescent Point Energy U.S. Corp makes no representations or warranties, express or implied, as to accuracy, completeness, or timeliness. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document

0 0.25 0.5
Miles



Attachment 2-4
Notification Affidavits

AFFIDAVIT OF NOTICE

Jordan Wells, 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 ("CPE") as Negotiating Landman. CPE has submitted an Underground Injection Control ("UIC") Permit for the following well:

Kendall 7-17-3-1E Section 17 T3S-R1E

That in compliance with the Utah OGM regulation R649-5-3, I will provide a copy of the UIC Application, via certified mail, to all operators, owners, and surface owners within a one-half mile radius of the proposed injector well.

Date: 7/1/14

Affiant



Jordan Wells
Negotiating Landman

List of Interest Owners Notifications:

DAVID J. BARTON
BROUGHTON PETROLEUM INC
INTERNATIONAL PETROLEUM LLC
COVEY MINERALS INC.
JACQUELINE PETERS
TAMBRA LYNN LINDEN
THE HOWARD REX CARROLL TRUST
DIANA LYNN WILSON
KERA KATHLEEN TOWNSEND PROFFITT
JULIE CLARK
NANCY K MILLER
PRISCILLA G. BROWN, TRUSTEE
BRENDA E PIERSON
JAMES MCNAUGHTON
GLORIA JANET WOMACK ROBERTS
JANE BURWELL LOFTIS
KENT E BIRCHELL
JULIAN A MASSEY
SHERRY L MILLER
ISAAC GORDON WOMACK, ET AL.
EMMA JEAN MURRAY
THE JOY PARTNERS LTD
SHARRON J AND GROVER C BETHARDS
LYNN FARRIS CUNNINGHAM
ARGO ENERGY PARTNERS LTD
ANITA STEWART ASHBY
LYNN MICHAEL LARSEN
ASHBY FAMILY TRUST
NICOLE MASSEY
SCOTT MACKNIGHT
DOUGLAS C. HARMSTON
GEORGE G VAUGHT JR
ALPINE KING INC
TAMARA PARKINSON
ANTHONY & MARIE NELSON TRUST
CALVARY PRESBYTERIAN CHURCH OF
UTE DISTRIBUTION CORP
TIMOTHY TOWNSEND
MARVIL INVESTMENTS LLC
GLEN WOMACK
LARRAINE M NELSON
KENDALL INVESTMENTS LLC
CONSTANCE JOY REIST REV TR
BOYD KENNETH OLSON
DANIEL S SAM AND PENNY B SAM

DOROTHY CUNNINGHAM
NICHOLE J BANCROFT
BUREAU OF INDIAN AFFAIRS
MARK D FOLEY AND JUDY H FOLEY TRUST
USA - BUREAU OF LAND MANAGEMENT
ONRR BIA AND BLM SERVICES
APRIL DAWN GRIFFITH
RALPH OLSEN
MARGARET ALLINGTON TRUST
VALDA D MASSEY
FRED B AND SHIRLEY L WOMACK
M. LEON HUNSAKER
JUDITH MERRITT TRUSTEE
MARK J MASSEY
KAREN STUART
CHALISE ABELHOZEN
JAMES HARMSTON
WILEY B & MARGARET A WOMACK
RALPH PAUL OLSEN
HEAD PROPERTIES LLC
LOLA TAMSON AND HOWARD REX CARROLL
DAN E CUNNINGHAM
IVERS OIL COMPANY LLC
KEYSTONE OIL & GAS, LLC
CARLYN MITAS
MICHAEL D PIERSON
KAREN SUMMERHAYS
SHERWIN B MASSEY
UTE INDIAN TRIBE
PATRICIA ANN HARTLE
DANNY GEORGE MASSEY
H CRAIG AND ROBYN HALL
DOROTHY MCCLELLAN
MICHAEL F.D. MASSEY
FLOYD L MASSEY ETUX AND GENEVA
THOMAS E HALL TESTAMENTARY TRUST
JESS C CHENEY
DON HICKEN FARMS, LLC
TAMMY BARLOW
ELIASON EIGHT, LLC
LUNDGREEN INVESTMENT TRUST
SUSAN FURNESS
KAY TINGEY
LOWELL HALL
HARRY E CARLESON, JR
UNIVERSITY OF UTAH

R S MCKNIGHT
JUDITH MERRITT TRUST
J BARRY & DONNA L HALL TRUST
SYED ALAMDAR HUSAIN
LAURITA C. GRAY
DCP INVESTMENTS LLC
CAROLYN VASTA
ADRIAN B MASSEY
JAMES E ANDERSON
DOUGLAS AND CHRISTINE NEWSON
CAT SPRING PROPERTIES LLC
JOHN W BURWELL JR
RICHARD BRENT OLSON
NOLAN G MASSEY
SCOTT CARLESON
EP ENERGY E&P COMPANY LP
LEGENDS EXPLORATION, LP
STEVEN L SMITH
BRIGHAM & VERA KRAUSE ESTATE TRUST
ROBERT J CUNNINGHAM
JULIAN MASSEY JR
KEARNS CAMPBELL INVESTMENTS CO.
DARLENE E. CHRISTENSEN
JULIE DEPPE
DALE CLARK WOMACK
COLLEEN H BARTON
LANORE WHITING
CRESCENT POINT ENERGY U.S. CORP.
UINTAH AND OURAY AGENCY
CROFF OIL COMPANY, INC.
JANET HALL CHRISTENSEN
KATHY LYNN LARIS AND MICHAEL CRAIG LARIS
ANTELOPE ORRI, LLC
STONEGATE RESOURCES LLC
HEIRS OR DEVISEES OF JOHN THOMAS
DUSTY SANDERSON
JEROME B & DOROTHY K GUINAND
LYNDA HADLEY
LORETTA E OBORN
WOMACK FAMILY TRUST
SHAUNA BUXTON
ADRIENNE WILLEY LARSON
LANA BITTON
RODNEY L. PEART
MARILYN GUHL
BRENT BIRCHELL
GARY WOMACK
COLTON PROPERTIES LIMITED

GORDON DOUGLAS WOMACK, JOY W.
WOMACK &
ISLAND LAKE LLC
KRISTIN RODRIGUEZ
FRED B WOMACK REVOCABLE TRUST
TINA HYMAS
PAUL L MCCULLIS
JERALD G MASSEY
GORDON A MCKINLAY JR
CRESCENT POINT ENERGY US CORP
JOY PETERSON
ESTATE OF JAMES H BURWELL JR
RICHARD S. & JOANN WINN
DOUG BOYD MASSEY
JANICE M KENNEDY
JEFF W. & TRACY E. WOMACK
JEFF WOMACK
BRO ENERGY LLC
MARK C MILLER
MARGEE ALLAN
REIST FAMILY TRUST

Attachment 3-1
Cement Bond Logs for Wells within Area of Interest



555 17th Street, Suite 1800
Denver, CO 80202
Phone: (720) 880-3610

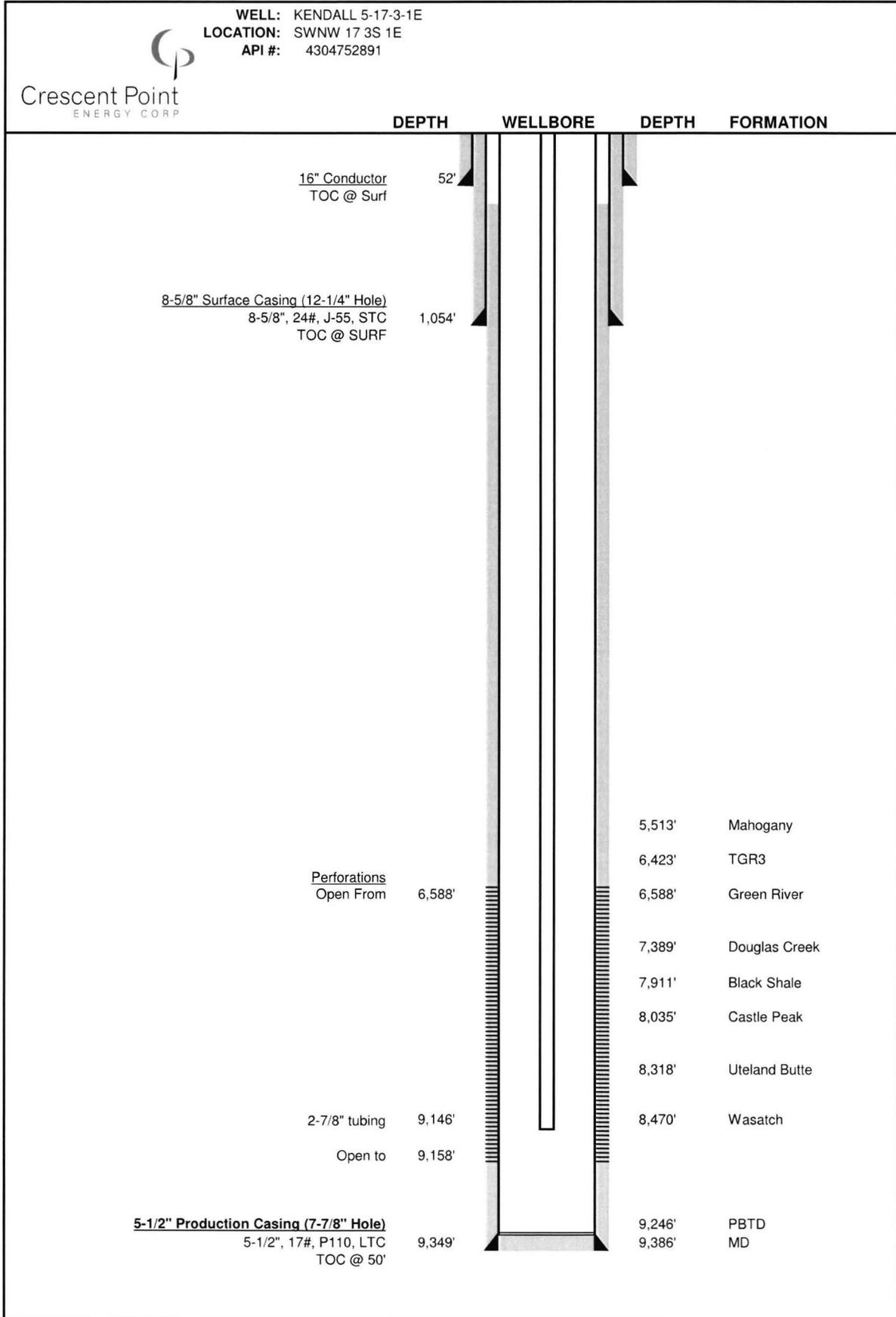
Attachment 3-1

Cement Bond Logs for wells within one-half mile of KENDALL 7-17-3-1E Proposed Injection Conversion Well:

Well Name	API	Status
GRAY 2-17-3-1E	4304754716	On File with UDOGM*
KENDALL 3-17-3-1E	4304753099	On File with UDOGM*
KENDALL 5-17-3-1E	4304752891	On File with UDOGM*
KENDALL 6-17-3-1E	4304753098	On File with UDOGM*
KENDALL 7-17-3-1E	4304755130	On File with UDOGM*
KENDALL 8-17-3-1E	4304755129	Not Completed Logs Not Yet Run
KENDALL 9-17-3-1E	4304755128	On File with UDOGM*
KENDALL 10-17-3-1E	4304755133	On File with UDOGM*
KENDALL 11-17-3-1E	4304752883	On File with UDOGM*
KENDALL 14-17-3-1E	4304753120	On File with UDOGM*
KENDALL 15-17-3-1E	4304755131	On File with UDOGM*
KENDALL 16-17-3-1E	4304755132	Not Completed Logs Not Yet Run
WOMACK 5-16-3-1E	4304752889	On File with UDOGM*

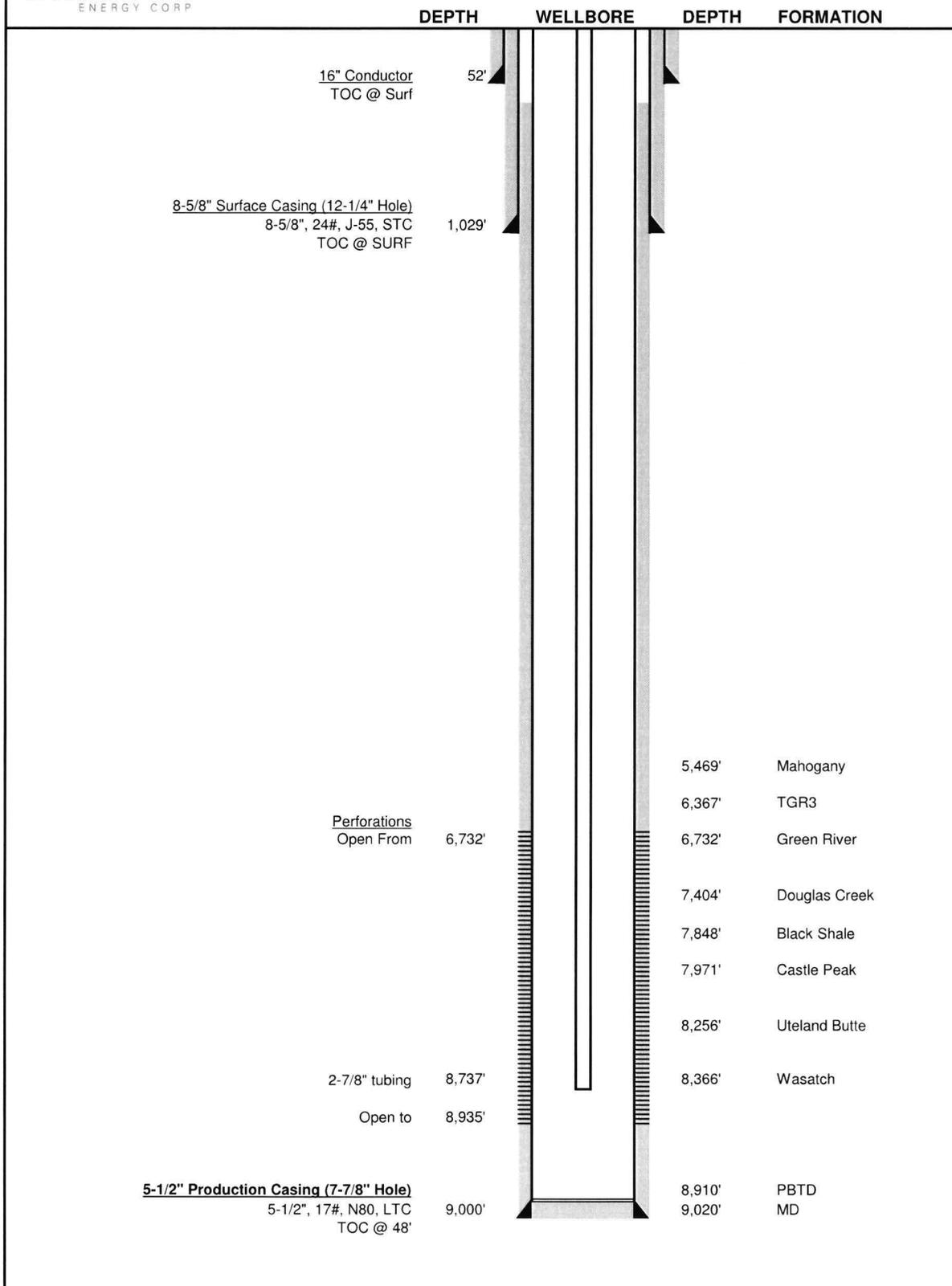
* Logs were filed with UDOGM following completion of logging operations and electronic copies of logs for the above listed wells are included in an attached CD.

Attachment 3-2
Wellbore Diagrams for Wells within Area of Interest



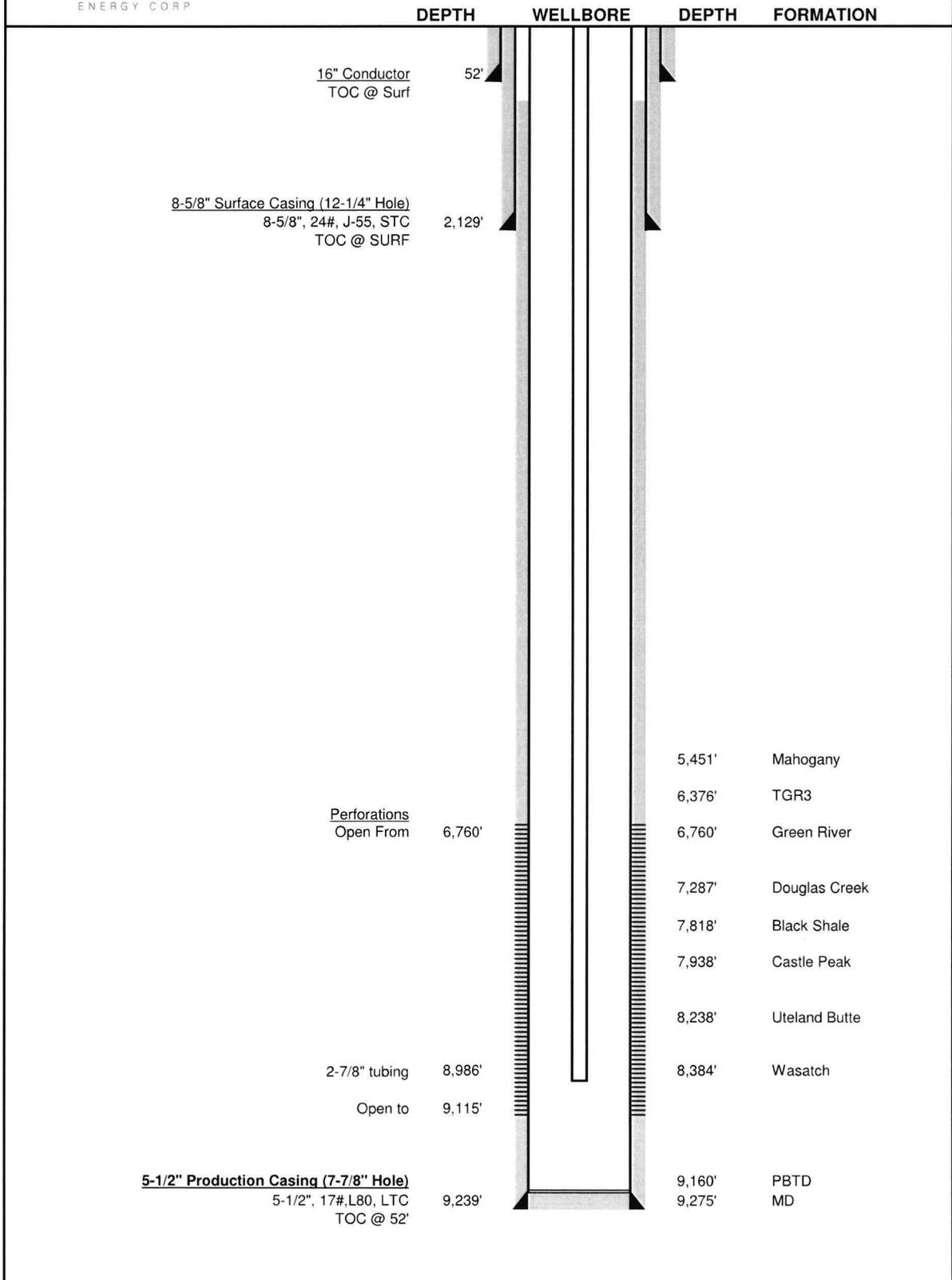


WELL: KENDALL 6-17-3-1E
 LOCATION: SENW 17 3S 1E
 API #: 4304753098



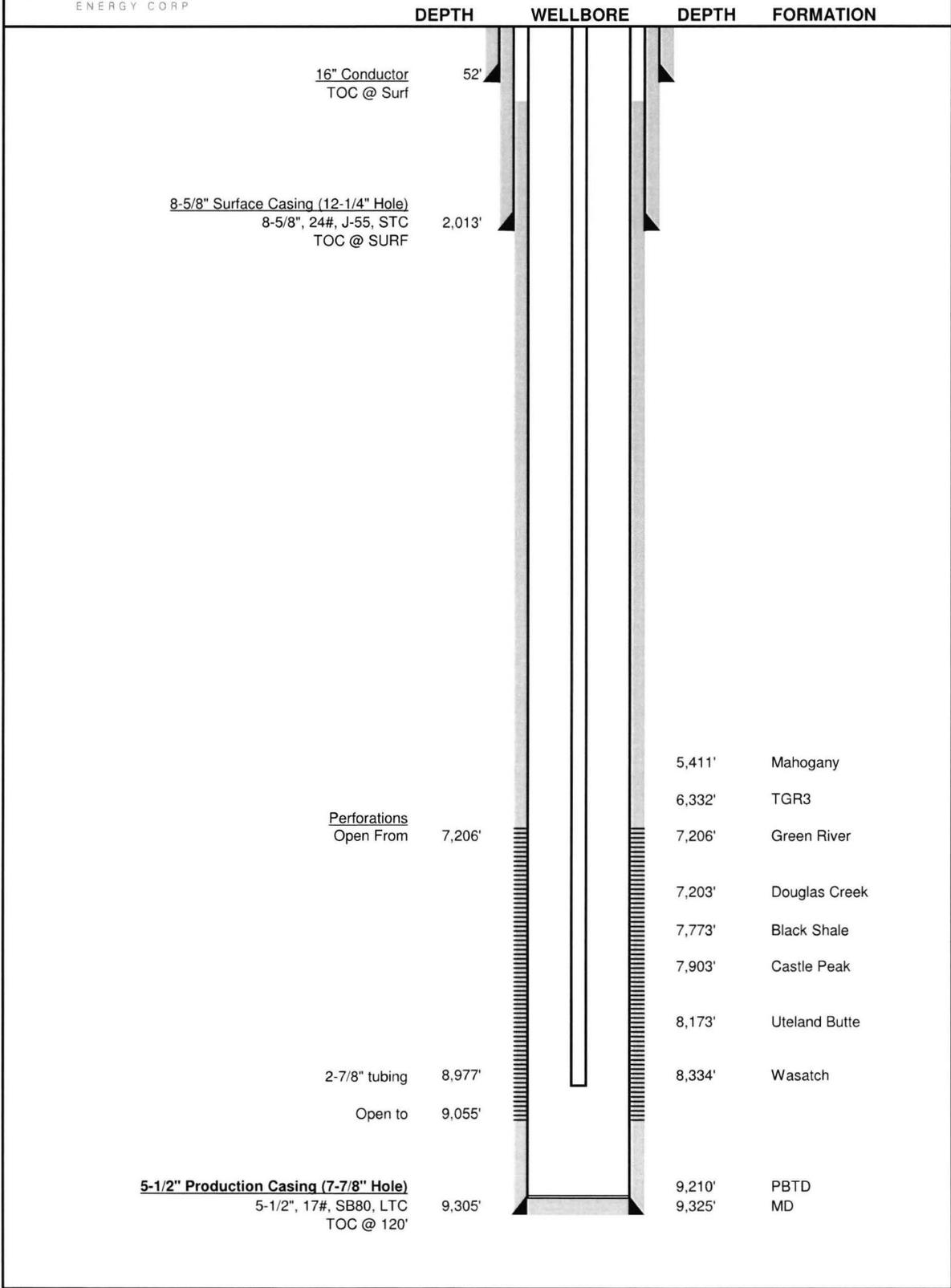


WELL: KENDALL 7-17-3-1E
 LOCATION: SWNE 17 3S 1E
 API #: 4304755130



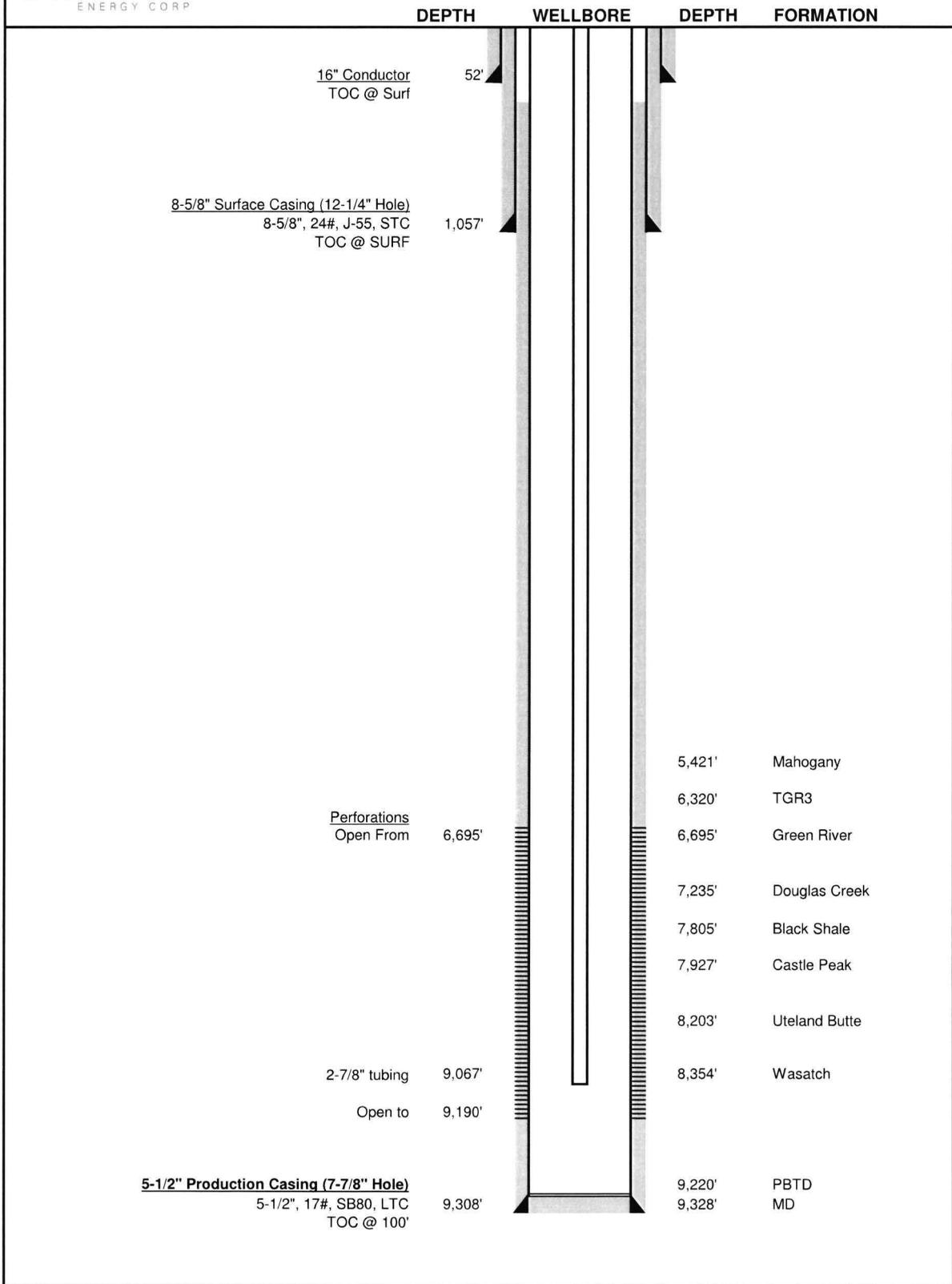


WELL: KENDALL 9-17-3-1E
 LOCATION: NESE 17 3S 1E
 API #: 4304755128



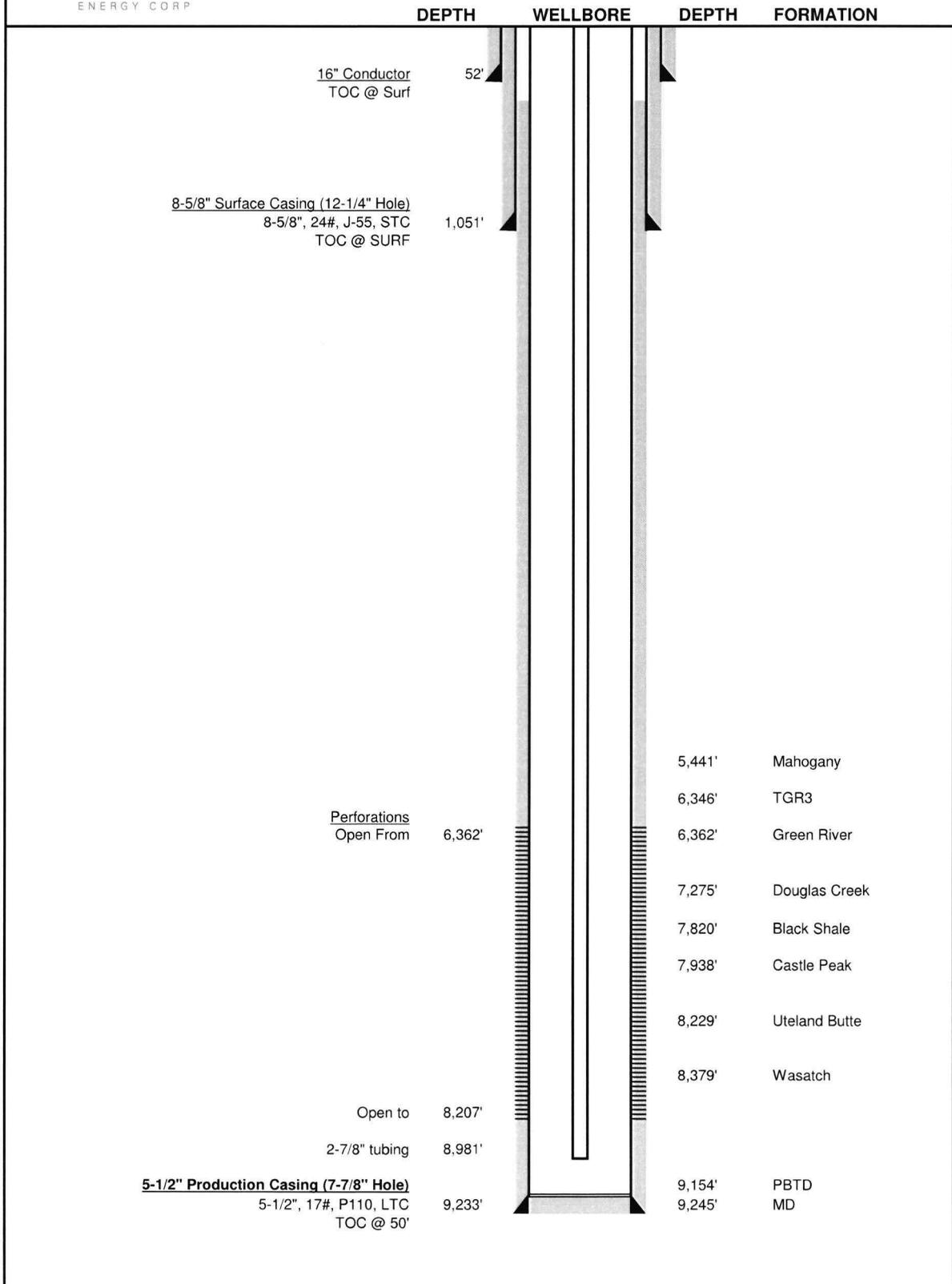


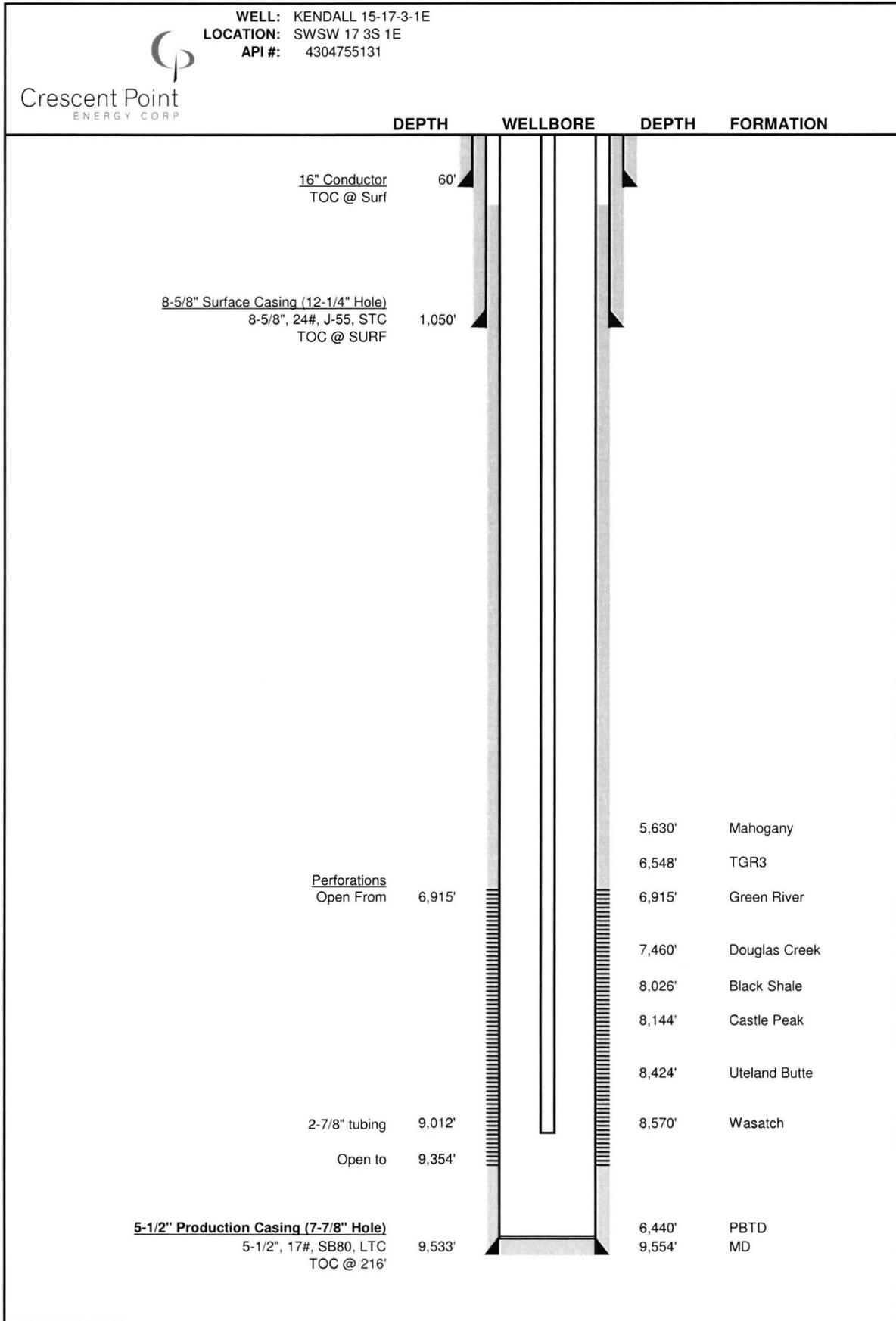
WELL: KENDALL 10-17-3-1E
 LOCATION: NWSE 17 3S 1E
 API #: 4304755133





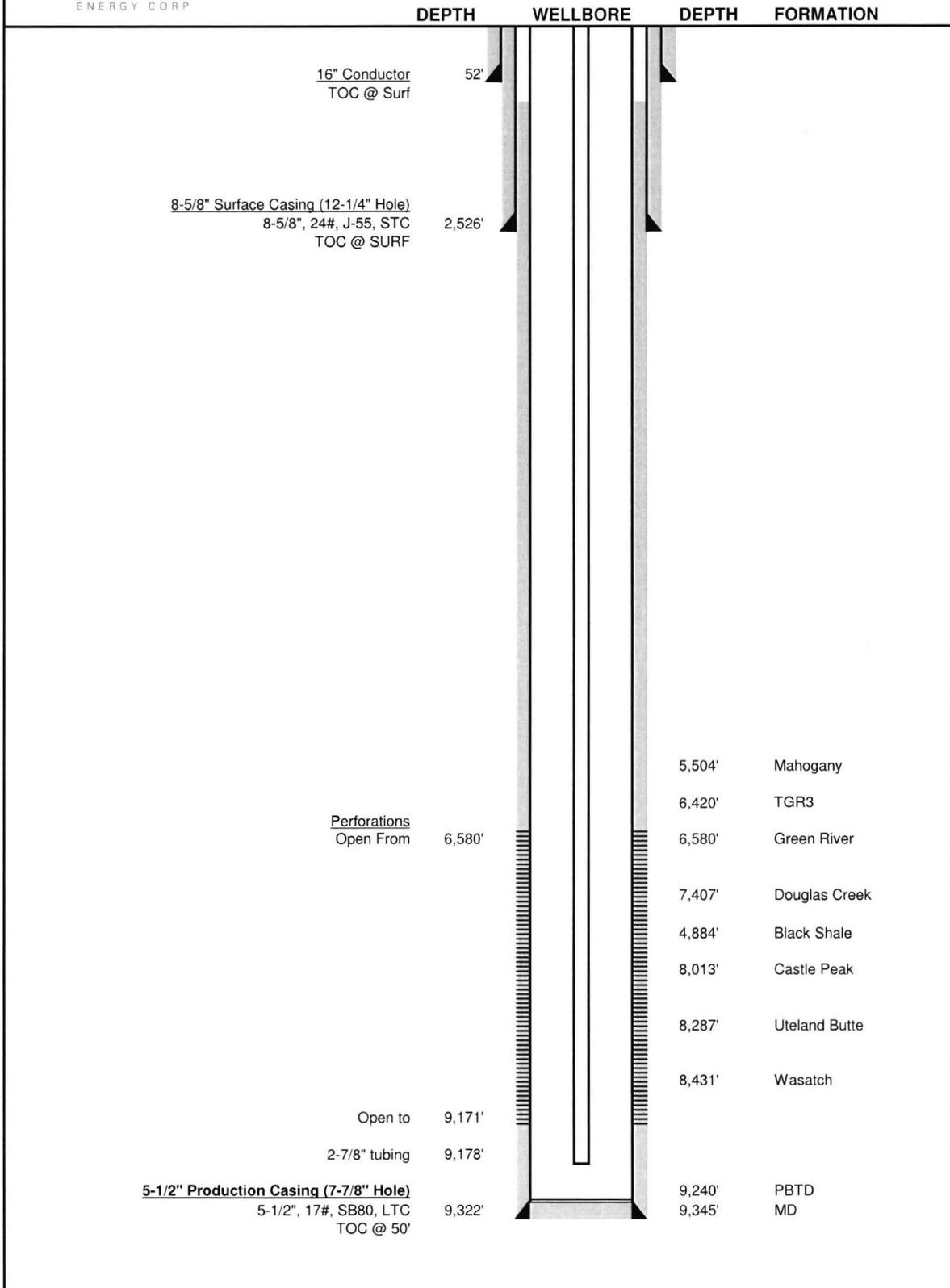
WELL: KENDALL 11-17-3-1E
 LOCATION: NESW 17 3S 1E
 API #: 4304752883



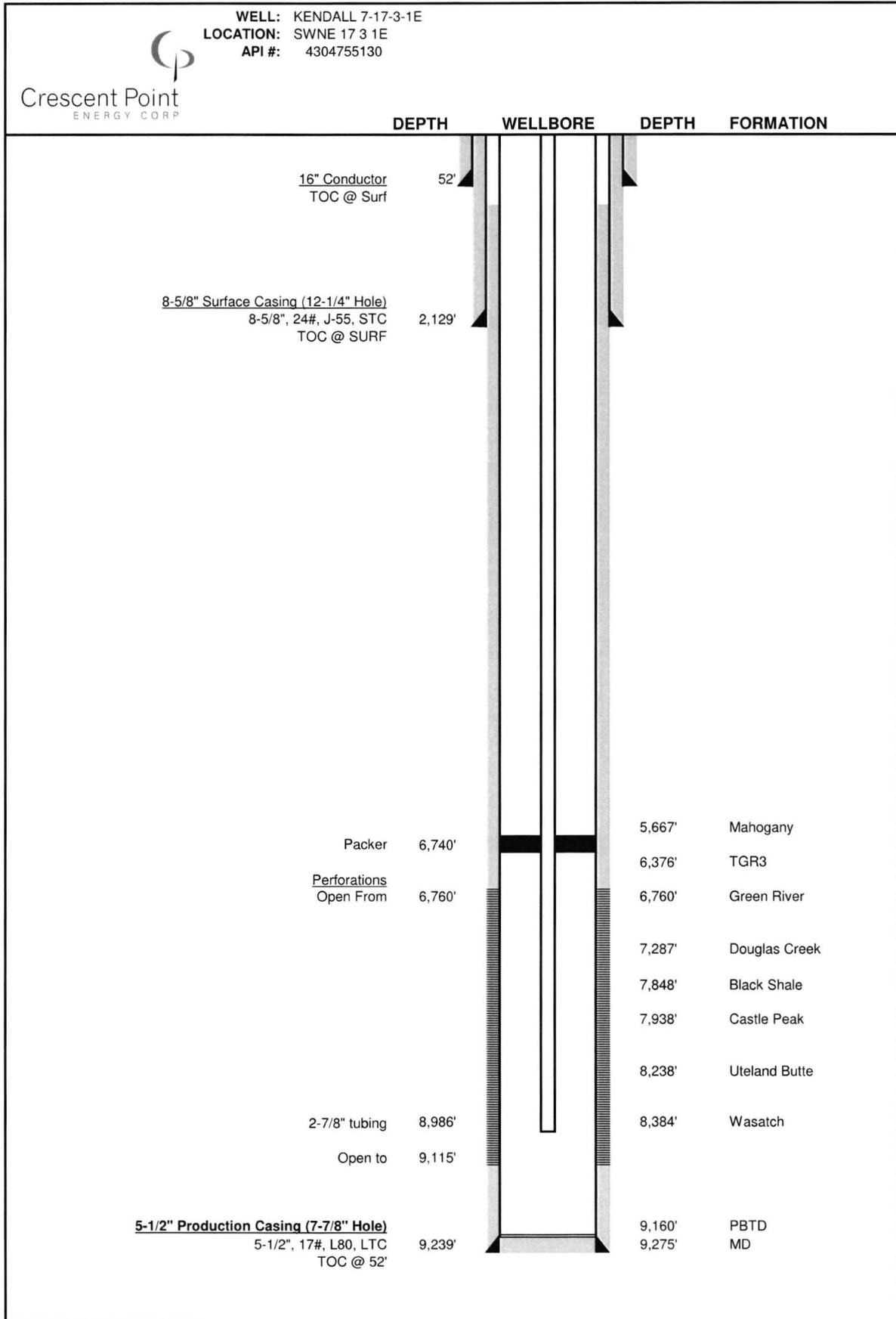




WELL: GRAY 2-17-3-1E
 LOCATION: NWNE 17 3S 1E
 API #: 4304754716



Attachment 4-1
Proposed Injector Wellbore Diagram



Attachment 4-2
Injection Well Conversion Procedures



Crescent Point Energy U.S. Corp

Randlett Re-completion Program
Recompletion to Waterflood injection well
Kendall 7-17-3-1E

June 2016

Objective:

1. This is to be a safe operation.
2. The objective of this completion is to convert well from current producing status to injector. Existing production equipment will be pulled from well and wellbore will be clean out prior to performing a step rate test and running a coated injection string in wellbore and placing well on injection.



PREPARED BY:

Charlie Dineen, Completions Engineer

Table of Contents

OBJECTIVE:	2
GENERAL REQUIREMENTS	4
REPORTING REQUIREMENTS	5
SAFETY REQUIREMENTS	5
REGULATORY REQUIREMENTS	6
ENVIRONMENTAL REQUIREMENTS	6
WELL DATA	7
OPERATIONAL SCOPE	8
COMPLETION OUTLINE & PROCEDURE	9
ATTACHMENTS14

General Requirements

Geological information is to be considered **confidential** at all times. The completion supervisor will ensure that a "briefing" of the requirements is given verbally to all operating personnel including any service company and insist upon compliance. **Prohibit anyone from the lease who will not or has not complied.** He will request that all breaches of protective measures, no matter how slight, be reported to the Senior Company representative on site.

Service rig inspections will be conducted as per Utah State guidelines and recorded in the excel book. Deficiencies will be noted in the excel book and on the morning reports.

All contractors utilized for the following operations will have valid liability insurance and Workers Compensation coverage and will provide proof prior to providing services on location.

Crescent Point Energy has adopted a zero tolerance policy on drug and alcohol use on all wellsites. Any supervisor, rig crew member or sub-contractor found to be under the influence of drugs or alcohol will be asked to immediately leave the wellsite.

Smoking will not be permitted on this location.

The well-site supervisor is responsible for all operations on location. The well-site supervisor will ensure that all unused materials are transferred to their respective suppliers.

Negotiate standby equipment at "No Charge", when necessary. However, standby charges are anticipated over the duration of this project.

All field tickets are to be signed and **LABELLED** by the wellsite supervisor with the location, AFE number and account code clearly marked. Invoices are to be sent electronically by service companies including signed field copy to Crescent Point Energy at invoices@crescentpointenergy.com.

- all field tickets will be coded on location by the wellsite supervisor with codes provided
- All field tickets will be coded with Crescent Point Energy AFE number and account code
- Paper work will be forwarded on a timely basis to CrescentPoint Energy office in Roosevelt, Utah.
- **All invoices will be properly coded**
- **All reports will be complete and correct**

Reporting Requirements

All morning reports are to be e-mailed by 7:00 A.M. daily with a telephone call between 6:30-7:30 A.M. or 3:30 – 5:00 pm as conditions and phone service allow. In the absence of phone service text messaging and email communication is appropriate.

All tubing string details, including lengths and sizes, will be recorded on the morning reports at every point in the operation. Record all wellhead component sizes and pressure ratings as well as serial numbers.

An inventory of fluids will be kept and recorded on the daily reports. All fluids leaving the lease will be disposed of in an environmentally acceptable manner. Tubing, casing and annular volumes as well as casing details will be noted in their respective spots in the morning reports.

All safety meetings and safety incidents will be recorded on the morning reports.

A copy of the wellbore diagram will be submitted in excel report on the final day of operations.

Safety Requirements

Crescent Point requires and would like to emphasize that safety meetings must be conducted prior to the commencement of all operations and at regular (and appropriate) intervals throughout the job. All meetings must be documented on both a safety meeting minutes report and in excel daily reports and will be kept on file by Crescent Point. All onsite personnel names are to be listed in the meeting minutes and the document must be signed by the individuals themselves or by the rig manager as their representative as confirmation of their training and attendance.

As part of the pre-job safety meeting, the Crescent Point OH & S policy sheet must be posted on the worksites and all contractor personnel on location must provide confirmation of current safety and worksite training. The contractor must also advise as to the status and nature of the overall safety training program their company has in place.

Safety meetings will be conducted with all crews prior to starting shift and noted in the morning report and in the tour book, including the topics of discussion. Items for discussion will include, but should not be limited to, on going rig operations, change of scope during shift, program objectives and personal protection. Particular attention will be given to, but not limited to:

- pinch points
- rotating equipment
- high pressure lines
- overhead equipment
- corrosive and flammable materials
- personal protective equipment

All accidents and near misses will be reported in the tour book and the morning report. In the event of an incident contact your direct report. From there, the appropriate channels will be notified.

Wellsite supervisor must ensure that workers are aware of their responsibilities and duties under appropriate state and federal regulations. In addition, workers must comply with these regulations.

Regulatory Requirements

All applicable regulations, including State, Federal and Crescent Point Energy safety regulations are to be strictly adhered to. Written instructions must be posted in the doghouse or other conspicuous area prior to the wellsite supervisor leaving location. Wellsite supervisor must designate a competent person to carry out principal contractor responsibilities. All verbal notifications and approvals from government regulatory agencies will be recorded on the daily report tour sheet and will be followed by the appropriate paper work. The name of the individual contacted and the subject matter of approval or notification should be recorded also.

Environmental Requirements

Ensure the location is cleaned up prior to turning the well over to production operations. This includes the safe and environmentally controlled removal and disposal of the following:

- frac sand
- perforating debris
- rags and cloths
- waste oil
- contaminated soil
- all fluids

The wellhead will be cleaned with an environmentally acceptable solvent prior to leaving the location and the location sign with Crescent Point Energy location, UID and Emergency Contact numbers installed at the lease access. If any signage is not properly installed or accurate, a note will be made on the morning report and Crescent Point Energy production foreman immediately notified.

The impact of Crescent Point Energy on the environment must be kept to a minimum. **Crescent Point has a target of zero spill tolerance** and in the event of a spill or release the volumes must be controlled and kept to a minimum. Ideas for safe spill containment and control along with ideas for alternate environment friendly fluids that can effectively replace existing fluid are actively solicited.

In the event of a spill, contact Charlie Dineen for the appropriate reporting contacts and the spill cleaned up procedures.

Well Name: **Kendall 7-17-3-1E**

Formations: Wasatch, Lower Green River

Status: Cased Hole

TD: 9,388 ftKB

PBTD: 9,168 MD

Surface Casing: 47 joints, 8-5/8", 24 lb/ft J-55 ST&C casing landed @ 2,129 FT. Cemented with 193 bbl (378 sx) 12.0 ppg, 2.86 cuft/sk Lead Cement, 73 bbl (356 sx) 15.8 ppg, 1.15 cuft/sk, displaced with 131 bbls of fresh water. Floats Held, cement to Surface.

Production Casing: 216 joints, 5-1/2", 17 lb/ft CP-80 LT&C casing landed @ 9,239 FT Cemented with Halliburton 198 (400 sks), 11 ppg lead cement, tail in with 176 bbls (595sks) 13.1 ppg cement displaced with 213 bbls fresh water. **Bump plug, float held OK. No cement to surface**

Production Tubing: 2-7/8" 6.5# L-80 tubing landed @ 9,218' MD

Pump & rods: 2" Insert pump + guided MMS rods.

Existing Well logs: Halliburton Quad Combo w/ dielectric, Neutron Density, PE, SP, Gamma, Resistivity, and sonic from loggers 9,389' to surface casing.

Expected BHP: ~ (0.433 psi/ft, normal pressure gradient or 4,070 psi based on 9400 ft)

Expected BHT: 188 F

Expected H₂S: none

Existing Perfs: See attached perf sheet.

Operational Scope

COMPLETIONS/WORKOVERS PRE-OPERATIONS

- 1. Notify any landowners or state regulatory agencies of commencing operations if required. Currently no notifications are required in Randlett.**
- 2. Notify area foreman or Lead pumper of intentions to work on well.**
- 3. The following documents should be posted in consultant's doghouse or if there isn't a doghouse, somewhere that the workers know where to find them. (i.e. On a clipboard in your pickup truck, service rig doghouse, etc)**
 - a). Crescent Point OH&S Policy sheet.
 - b). A copy of this program or generic program as supplied
 - e). A copy of Crescent Point Drilling & Completions quick reference ERP
- 4. Inspect road conditions before moving service rig onto the location.**
- 5. Enter directions to site into day 1 of the daily reports.**

COMPLETION PROCEDURE

Outline

1. Rig up service rig. Pull out of hole with production tubing and rods.
2. Perform cleanout of wellbore with hyper-scratch tool.
3. Perform step rate injection test on Wasatch and Green River injection intervals
4. Run in hole with coated packer and tubing injection strings.
5. Circulate well over to inhibited fluid, set packer and pressure test backside
6. Perform injection test again into perforations. Rig out service rig.

Procedure

1. Ensure an Emergency Medical Transportation Vehicle is on site with an attendant if Emergency Transport in the area is more than 60 minutes from location.
2. Ensure all site personnel are familiar with the up coming operations. All work to be conducted in accordance with Crescent Point EH & S Policies, Utah state and Federal Regulations. **Hold pre-job safety, procedure, and Job Hazard Analysis meetings when a new operation is being implemented.**
3. Review results of Cement Bond log and determine that there is adequate cement top above producing intervals.
4. Move in and rig up a service rig complete with Class I BOP's, hot oiler and tank. Hold safety and procedures meeting including the discussion of specific job hazards.
 - During rig-up and operations, representatives will be on location at all times when possible. Anchor rig to anchors as required.
 - Space out equipment with rig pump and tank spaced at least 100ft from wellhead.
5. Lockout power and secure pump jack weights. Remove horse head. Bleed off any pressure. Heat up backside of casing by pumping approximately 100 barrels of produced water mixed with Biocide with hot oiler. Fill tubing with produced water and pressure test to 800 psi. Unseat the pump and tally out of hole laying down pump and rods. Send pump in for refurbishment and transfer rods to Randlett storage yard.
6. Stump test rig BOP's, pump lines and manifold as follows
 - Pipe rams and blind rams to a low pressure of 200 psi for 10 minutes and a high pressure of 2,000 psi.
 - Ensure rams close within 30 seconds, while still maintaining greater than 1,200 psi working pressure in the closing system.
 - Document all pressure tests and function tests in the daily reports
 - Install BOP's on wellhead and repeat pressure test as indicated above
7. Release tubing anchor. Run in hole with tubing and tag for fill. Notify office of fill depth. Tally out of hole with existing 2-7/8" L-80 tubing string. Stand tubing in derrick for cleanout.
8. Rig in casing scratcher tool to perform cleanout across perforations. Pull out of hole with cleanout assembly and lay down used tubing workstring.

9. Perform step rate test with produced water **pre-mixed with biocide** as per the following procedure:
- Step rate test is performed by injecting fluid at a series of increasing rates or pressures with each step being of equal time length. Record injection pressure, rate and time at each step
 - Ensure enough produced water is stored on location for test (~ 800 barrels should be adequate)
 - Allow step time to be long enough to allow for adequate reservoir pressure stabilization. Allow a minimum of 15 minutes injection time per step and equal pumping time for each step.
 - 7 steps are required. 4 steps below the parting pressure and 3 steps above the parting pressure. For parting pressure assume a known area frac gradient of 0.75 psi/ft and the depth of the shallowest perforation as the calculated parting pressure. Contact direct report to determine appropriate pressure/rate increments for steps.
 - Have injection test performed with pressure pumping truck that is able to record and plot results. Break in slope should indicate the parting pressure of the formation
 - After test is complete shut in well and monitor pressure.
10. Bleed off pressure. Tally drift and run in hole with the following **coated** assembly,
- 2-7/8", EUE Wireline re-entry guide
 - 5-1/2" double grip retrievable packer. **IPC metallic 3000 coating**
 - 2-7/8" x 5-1/2" on/off w/, Baker 'R' profile slick jnt w/ 2.25" profile and 2.2" no-go. **IPC Metallic 3000 coating**
 - 2-7/8", EUE, L-80 pup joint x 6' long with **IPC metallic 3000 coating**
 - 2.25' mm Baker 'F' profile. **IPC metallic 3000 coating.**
 - 2.25' L-80, EUE, 9.67kg/m coated tubing to surface as required
 - Extended neck Tubing hanger with IPC metallic 3000 coating
- All components to have IPC Metallic 3000 coating.**
- Coated tubing must be run utilizing a stabbing guide, and should be started for the first 3 threads by hand, then torqued w/ power tongs @ moderate revolutions to 110% of optimum torque. Space out pups must be buried below the top jnt. Space out to land packer at **6740' MD. Set the packer spaced out to allow to land the dognut w/ tbg in 3,000 – 4,000 daN compression. Release the on/off.** Reverse circulate the well w/ fresh warm 75⁰ F water mixed w/ corrosion inhibitor @ 0.5%. Input the product name within the report. When displacement is approximately 1/2 way, pump 500 litres of diesel, then continue w/ displacement. **Engage the on/off to the packer and land the dognut w/ tbg in 3,000 – 4,000 daN compression.** Insert dognut hold-down lag bolts. Pressure test annulus to 1050 psi for 45 minutes or as required by state of Utah witness requires. Bleed off pressure. Rig out service rig and associated equipment and release.
11. Remove BOPs and install isolator nipple and the following **coated** top section for an injection wellhead:
- 3,000 psi rated tubing bonnet
 - 3,000 psi flanged master valve
 - 3,000 psi flanged flow tee

- 3,000 psi flanged wing valve

Note: The above design is generic and not necessarily designed for specific well. Refer Attend to 'Confined Space Entry' requirements. Clean tanks. Rig out rig and equipment and cleanup lease.

12. Discuss tie-in, startup and flowline requirements w/ Production Operations in advance. **Inform the Production Operations personnel to monitor the annulus. Note: a build up of pressure on the casing should be anticipated, especially during the 1st period upon commencement of injection. Operations should be advised to 'bleed off' the annulus daily, until the annular fluid has reached an equilibrium with the injected fluid temperature, and tbg ballooning due to injection pressure has stabilized.**

- Close and plug any open valves.
- **Ensure the lease is clean of junk and spills**
- If there is any junk or spills have it cleaned up or contact the operator to address the issue
- Ensure the proper end of well reporting has been completed. Refer to the reporting section of this program.

13. Ensure all invoices are coded and signed off w/ the subcode, AFE# and name with signature and invoice amount. The final well package should be sent to Roosevelt Utah off and should be categorized for filing separately as follows: safety documentation. Material purchased for or transferred from the well, reports (well servicing, testers, stimulation, etc.), load fluid tickets and summary, general bills, and logs.

This program as issued is a guide. If the executor finds cause to question a step in the program, in the interest of good practice or any problems are encountered, he should immediately contact one of the following personnel in the order provided below. Any questions or problems concerning the recommended procedure should be addressed to Charlie Dineen

HAZARD ASSESSMENT FORM PROCESS

HAZARD IDENTIFICATION

A hazard is any circumstance or condition, which poses a risk of an incident. These are seven of the main categories for which certain types of hazards may occur. They are:

- **Hazardous Atmospheres**
- **Energy Sources**
- **Access/Egress Hazards**
- **Personal Risk & PPE**
- **Environmental Hazards**
- **Electrical Hazards**
- **Cranes and Hoisting**

Hazard recognition and control involves: determining what hazards are present in the workplace; assessing the level of risk for the hazards identified; implementing strategies to eliminate or reduce the risk involved; and following up to ensure the control strategies chosen are effectively implemented.

All personnel must understand how to identify potential hazards associated with the worksite. Hazards can exist in many forms, they can be visible or hidden, and they may also be a condition or an action. Recognition and control of hazards ensure that corrective actions may be completed in a timely manner, before an incident occurs.

HAZARD CONTROL

The best way to mitigate an identified hazard is to remove it from the process or site. Quite often this action is not feasible and control measures must be implemented. These measures may include isolating the hazard, and the use of personal protective equipment (PPE) to limit the risk of personal injury.

HAZARD IDENTIFICATION CHECKLIST:

Check off the hazards that are specific to the tasks that are carried out at this location. List the hazards and the recommended controls to reduce risk.

HAZARDOUS ATMOSPHERES

- | | | | |
|--|---|--|---|
| <input type="checkbox"/> Carbon Dioxide | <input type="checkbox"/> Flash fire hazard | <input type="checkbox"/> Inhalation | <input type="checkbox"/> Sludge residue |
| <input type="checkbox"/> Carbon Monoxide | <input type="checkbox"/> Flammable substances | <input type="checkbox"/> Oxygen deficient atmosphere | |
| <input type="checkbox"/> Explosive gas | <input type="checkbox"/> H ₂ S/toxic gases | <input type="checkbox"/> Ignition source within 25m of Hydrocarbon substance | |

ENERGY SOURCES

- | | | | |
|-------------------------------------|-------------------------------------|--|----------------------------------|
| <input type="checkbox"/> Electrical | <input type="checkbox"/> Mechanical | <input type="checkbox"/> Rotation | <input type="checkbox"/> Thermal |
| <input type="checkbox"/> Hydraulic | <input type="checkbox"/> Pneumatic | <input type="checkbox"/> Stored Energy | <input type="checkbox"/> Other |

ELECTRICAL HAZARDS

- | | | | |
|---|---|---|---|
| <input type="checkbox"/> Condition of tools and cords | <input type="checkbox"/> GFI Breakers | <input type="checkbox"/> Overhead lines | <input type="checkbox"/> Powered mobile equipment |
| <input type="checkbox"/> Defective power equipment | <input type="checkbox"/> Lighting levels to low | <input type="checkbox"/> Underground Services | <input type="checkbox"/> Working on or near energized equipment |

PERSONAL RISK AND PPE

- | | | | |
|--|---|--|--|
| <input type="checkbox"/> Contact with moving parts | <input type="checkbox"/> Fire fighting | <input type="checkbox"/> Leg protection | <input type="checkbox"/> Slips/trips/falls |
| <input type="checkbox"/> Defective hand tools | <input type="checkbox"/> Fuelling equipment | <input type="checkbox"/> NORM | <input type="checkbox"/> Traffic |
| <input type="checkbox"/> Entanglement | <input type="checkbox"/> Guarding | <input type="checkbox"/> Operating ATVs | <input type="checkbox"/> Violence |
| <input type="checkbox"/> Equipment backing | <input type="checkbox"/> Lack of PPE | <input type="checkbox"/> Pinch points/crushing | <input type="checkbox"/> Working alone |
| <input type="checkbox"/> Equipment operation | <input type="checkbox"/> Land owner relations | <input type="checkbox"/> Radiation | |
| <input type="checkbox"/> Fall protection | <input type="checkbox"/> Lack of safe work procedures | | |

ACCESS/EGRESS HAZARDS

- | | | | |
|---|--|-------------------------------------|--|
| <input type="checkbox"/> Access/egress | <input type="checkbox"/> Ladders | <input type="checkbox"/> Scaffolds | <input type="checkbox"/> Trench/excavation |
| <input type="checkbox"/> Confined space | <input type="checkbox"/> Rigging/ropes /cables | <input type="checkbox"/> Trapped by | <input type="checkbox"/> Working at heights (above 3m) |

CRANES AND HOISTING

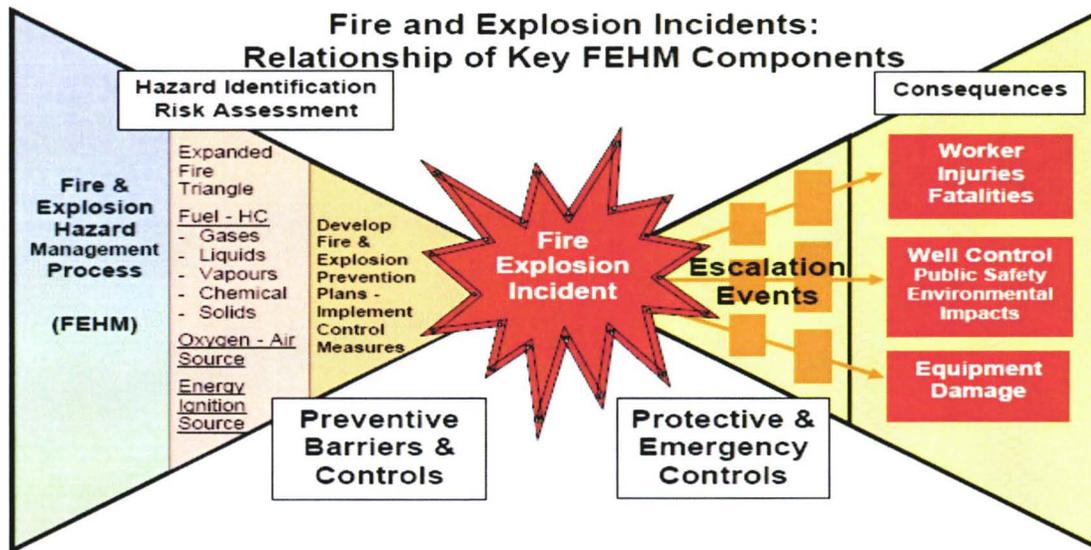
- | | | | |
|---|--|---|--|
| <input type="checkbox"/> Aerial devices | <input type="checkbox"/> Cranes/hoisting equipment | <input type="checkbox"/> Mechanical lifting | <input type="checkbox"/> Overhead work |
| <input type="checkbox"/> Compressed gas cylinders | | <input type="checkbox"/> Manual lifting | |

ENVIRONMENTAL HAZARDS

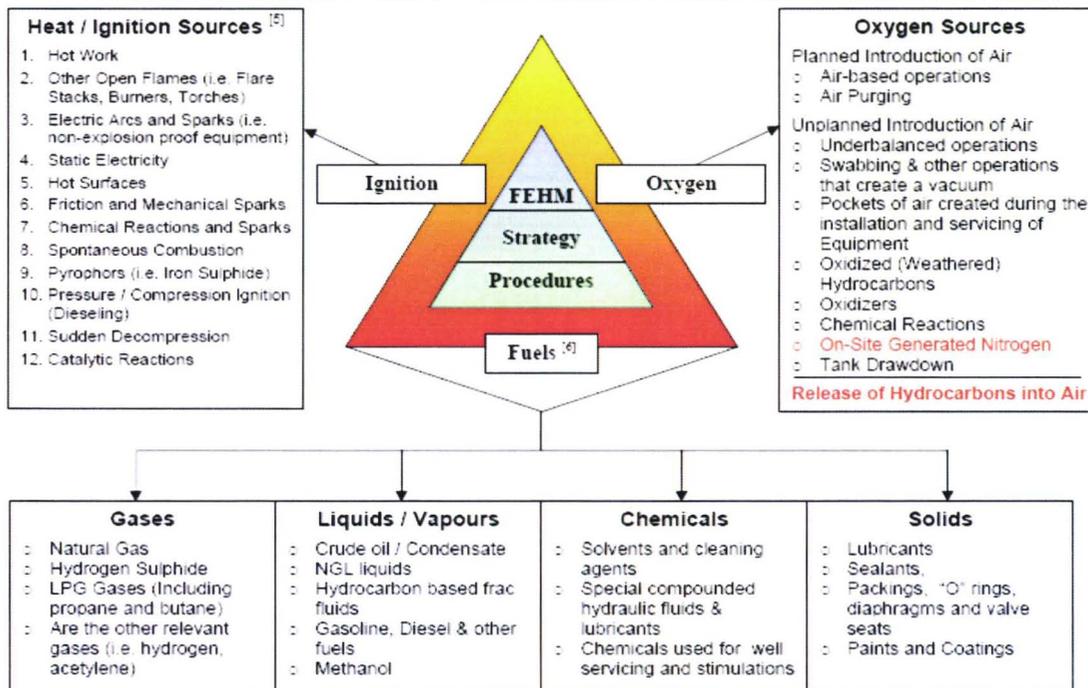
- | | | | |
|---|---|---------------------------------------|---|
| <input type="checkbox"/> Airborne particles | <input type="checkbox"/> High/low temperature | <input type="checkbox"/> Noise levels | <input type="checkbox"/> Vibrations (excessive) |
| <input type="checkbox"/> BTEX | <input type="checkbox"/> Hot fluids | <input type="checkbox"/> Pits/ponds | <input type="checkbox"/> Weather |
| <input type="checkbox"/> Flying debris/dust | <input type="checkbox"/> Housekeeping | | |

PERMITS REQUIRED

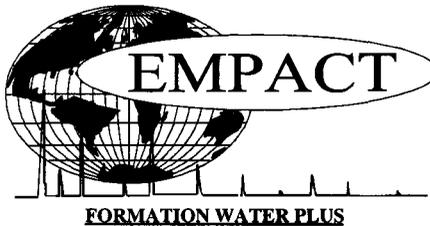
- | | | |
|--|---|---|
| <input type="checkbox"/> Confined Space Permit | <input type="checkbox"/> Hot Work | <input type="checkbox"/> Safe Work Permit |
| <input type="checkbox"/> Ground Disturbance | <input type="checkbox"/> Lockout/Tagout log | <input type="checkbox"/> Other: _____ |



Preventing Fires and Explosions: Understanding the Fire Triangle



Attachment 4-3
Laboratory Fluid Analysis



PROJECT NO. : 201511061 ANALYSIS NO. : 01
 COMPANY NAME : CRESCENT POINT ENERGY ANALYSIS DATE: JANUARY 8, 2016 10:01:00 AM
 ACCOUNT NO. : SAMPLE DATE :
 PRODUCER : CYLINDER NO. : 1L PLASTIC BOTTLE
 LEASE NO. : SAMPLED BY :
 NAME/DESCRIP : SALT WATER DISPOSAL TAKEN (ULT 11-5-4-2E)

FIELD DATA
 SAMPLE PRES. :
 COMMENTS :

SAMPLE TEMP. :
 AMBIENT TEMP.:

<u>PARAMETER</u>	<u>METHOD</u>	<u>DETECTION LIMIT</u>	<u>REPORTED RESULTS/UNITS</u>	
Aluminum	EPA 200.8	0.001	0.198	mg/L
Ammonia Nitrogen	SM 4500-NH3-G	0.03	55.350	mg/L
Antimony	EPA 200.8	0.0012	BDL	mg/L
Barium	EPA 200.8	0.0016	6.1766	mg/L
Bicarbonate	SM 2320-B	0.1	2485.0	mg/L
Boron	SM 4500-B B	0.01	22.30	mg/L
Bromide	EPA 300.0	0.01	76.81	mg/L
Calcium	SM 3111-B	0.1	210.5	mg/L
Calcium Hardness	SM 3111-B	0.1	525.600	mg/L as CaCO3
Carbonate	SM 2320-B	0.1	44.0	mg/L
Chloride	EPA 300.0	0.01	26091.02	mg/L
Chromium	EPA 200.8	0.0015	0.0692	mg/L
Cobalt	EPA 200.8	0.0002	0.0042	mg/L
Copper	EPA 200.8	0.0008	0.0953	mg/L
Fluoride	EPA 300.0	0.09	32.24	mg/L
Iron	SM 3111-B	0.005	2.600	mg/L
Lead	EPA 200.8	0.0001	0.0011	mg/L
Magnesium	SM 3111-B	0.1	59.6	mg/L
Manganese	EPA 200.8	0.0008	0.2050	mg/L
Molybdenum	EPA 200.8	0.0005	0.0039	mg/L
Nickel	EPA 200.8	0.0009	0.0266	mg/L
Nitrate Nitrogen	EPA 300.0	0.05	BDL	mg/L
Nitrite Nitrogen	EPA 300.0	0.03	BDL	mg/L
Phosphate - Ortho (as PO4)	EPA 300.0	0.01	BDL	mg/L
Phosphorus - Total	EPA 365.1	0.01	11.88	mg/L
Potassium	SM 3111-B	0.1	98.4	mg/L
Silica (as SiO2)	EPA 200.8	0.3	29.1	mg/L
Sodium	SM 3111-B	0.1	17335.0	mg/L
Sodium Adsorption Ratio	SM 3111-B	0.1	271.700	units
Strontium	EPA 200.8	0.005	31.410	mg/L
Sulfate	EPA 300.0	0.01	1083.95	mg/L
Vanadium	EPA 200.8	0.001	BDL	mg/L
Zinc	EPA 200.8	0.001	0.043	mg/L
pH	SM 4500-H-B	0.01	8.60	units
Resistivity	SM 2520 B	0.001	0.151	ohm.m
Specific Gravity	SM 2710 F	0.001	1.025	g/ml
Specific Conductance	EPA 120.1	5	66196.0	umhos/cm @ 25c
Total Alkalinity	SM 2320-B	0.1	2073.0	mg/L as CaCO3
Total Hardness	SM 2340-B	0.1	771.1	mg/L as CaCO3
Total Dissolved Solids	SM 2540-C	5	44327.0	mg/L

BDL = Below Detection Limit

NA = Sample Not Analyzed for this parameter

mg/L = Milligram Per Liter or ppm (wt/vol); ug/L = Micrograms Per Liter or PPB (wt/vol)

SM = "Standard Methods for the Examination of Water and Wastewater", APHA, 19th Edition, 199

EPA = "Methods of Chemical Analysis of Water and Wastes", USEPA, EPA-600/4-79-020 rev 3/

The data presented herein has been acquired by means of current analytical techniques and represents the judicious conclusion EMPACT Analytical Systems, Inc. Results of the analysis can be affected by the sampling conditions, therefore, are only warranted through proper lab protocol. EMPACT assumes no responsibility for interpretation or any consequences from application of the reported information and is the sole liability of the user. The reproduction in any media of this reported information may not be made, in portion or as a whole, without the written permission of EMPACT Analytical Systems, Inc.



JACAM LABORATORIES

DownHole R_x
WATER CHEMISTRY

CRESCENT POINT ENERGY
JARED PHIPPS
UINTAH UT

KENDALL 7-17-3-1E
TREATER

Report Date: 04-29-2016 Sampled: 03-18-2016
Sample #: 4102 at 0000

Sample ID: 125420

CATIONS

Calcium (as Ca)	195.10
Magnesium (as Mg)	188.00
Barium (as Ba)	0.204
Strontium (as Sr)	16.64
Sodium (as Na)	5726
Potassium (as K)	186.90
Lithium (as Li)	28.86
Ammonia (as NH ₃)	0.00
Aluminum (as Al)	0.00
Iron (as Fe)	46.54
Manganese (as Mn)	0.0120
Zinc (as Zn)	1.39
Lead (as Pb)	0.00

ANIONS

Chloride (as Cl)	9600
Sulfate (as SO ₄)	175.00
Bromine (as Br)	0.00
Dissolved CO ₂ (as CO ₂)	25.00
Bicarbonate (as HCO ₃)	829.00
Carbonate (as CO ₃)	0.00
Oxalic acid (as C ₂ O ₄)	0.00
Silica (as SiO ₂)	0.00
Phosphate(as PO ₄)	0.00
H ₂ S (as H ₂ S)	0.00
Fluoride (as F)	0.00
Nitrate (as NO ₃)	0.00
Boron (as B)	137.20

PARAMETERS

Calculated T.D.S.	17686
Molar Conductivity	23924
Resistivity	41.80
Sp.Gr.(g/mL)	1.01
Pressure(atm)	1.00
pCO ₂ (atm)	0.0111
pH ₂ S(atm)	0.00
Temperature (°F)	109.00
pH	7.79

COMMENTS

UINTAH UT

JACAM LABORATORIES
205 S. Broadway • P.O. Box 96 • Sterling, KS 67579-0096



JACAM LABORATORIES

DownHole R_x
DEPOSITION POTENTIAL INDICATORS

CRESCENT POINT ENERGY	KENDALL 7-17-3-1E
JARED PHIPPS	TREATER
UINTAH UT	
Report Date: 04-29-2016	Sampled: 03-18-2016
Sample #: 4102	at 0000
Sample ID: 125420	

SATURATION LEVEL

Calcite (CaCO ₃)	11.63
Aragonite (CaCO ₃)	9.91
Witherite (BaCO ₃)	0.00412
Strontianite (SrCO ₃)	3.02
Calcium oxalate (CaC ₂ O ₄)	0.00
Magnesite (MgCO ₃)	12.28
Anhydrite (CaSO ₄)	0.0123
Gypsum (CaSO ₄ *2H ₂ O)	0.0168
Barite (BaSO ₄)	0.664
Celestite (SrSO ₄)	0.0794
Fluorite (CaF ₂)	0.00
Calcium phosphate	0.00
Hydroxyapatite	0.00
Silica (SiO ₂)	0.00
Brucite (Mg(OH) ₂)	0.00140
Magnesium silicate	0.00
Iron hydroxide (Fe(OH) ₃)	77179
Strengite (FePO ₄ *2H ₂ O)	0.00
Siderite (FeCO ₃)	5251
Halite (NaCl)	< 0.001
Thenardite (Na ₂ SO ₄)	< 0.001
Iron sulfide (FeS)	0.00

MOMENTARY EXCESS (Lbs/1000 Barrels)

Calcite (CaCO ₃)	3.54
Aragonite (CaCO ₃)	3.48
Witherite (BaCO ₃)	-10.41
Strontianite (SrCO ₃)	2.99
Calcium oxalate (CaC ₂ O ₄)	-0.230
Magnesite (MgCO ₃)	3.00
Anhydrite (CaSO ₄)	-910.49
Gypsum (CaSO ₄ *2H ₂ O)	-861.13
Barite (BaSO ₄)	-0.0611
Celestite (SrSO ₄)	-71.32
Fluorite (CaF ₂)	-17.25
Calcium phosphate	>-0.001
Hydroxyapatite	-337.47
Silica (SiO ₂)	-62.49
Brucite (Mg(OH) ₂)	0.0583
Magnesium silicate	-114.83
Iron hydroxide (Fe(OH) ₃)	< 0.001
Strengite (FePO ₄ *2H ₂ O)	>-0.001
Siderite (FeCO ₃)	4.49
Halite (NaCl)	-182604
Thenardite (Na ₂ SO ₄)	-55243
Iron sulfide (FeS)	-0.00165

SIMPLE INDICES

Langelier	1.19
Ryznar	5.42
Puckorius	4.55
Larson-Skold Index	20.90
Stiff Davis Index	1.07
Oddo-Tomson	0.870

BOUND IONS

Calcium	195.10	179.42
Barium	0.204	0.204
Carbonate	40.68	6.68
Phosphate	0.00	0.00
Sulfate	175.00	128.12

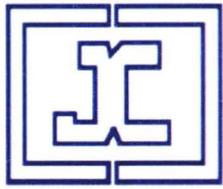
TOTAL

FREE

OPERATING CONDITIONS

Temperature (°F)	109.00
Time(secs)	0.00

DownHole SAT™ Water Analysis Report



JACAM LABORATORIES

SYSTEM IDENTIFICATION

CRESCENT POINT ENERGY
KENDALL 7-17-3-1E
JARED PHIPPS
TREATER
UINTAH UT

Sample ID#: 4102
ID: 125420
Report Date: 04-29-2016
Sample Date: 03-18-2016
at 0000

WATER CHEMISTRY

CATIONS

Calcium(as Ca)	195.10
Magnesium(as Mg)	188.00
Barium(as Ba)	0.204
Strontium(as Sr)	16.64
Sodium(as Na)	5726
Potassium(as K)	186.90
Lithium(as Li)	28.86
Iron(as Fe)	46.54
Field Iron(as Fe)	0.00
Ammonia(as NH ₃)	0.00
Aluminum(as Al)	0.00
Manganese(as Mn)	0.0120
Zinc(as Zn)	1.39
Lead(as Pb)	0.00

ANIONS

Chloride(as Cl)	9600
Sulfate(as SO ₄)	175.00
Bromine(as Br)	0.00
Dissolved CO ₂ (as CO ₂)	25.00
Bicarbonate(as HCO ₃)	829.00
Carbonate(as CO ₃)	0.00
Silica(as SiO ₂)	0.00
Phosphate(as PO ₄)	0.00
H ₂ S (as H ₂ S)	0.00
Fluoride(as F)	0.00
Nitrate(as NO ₃)	0.00
Boron(as B)	137.20

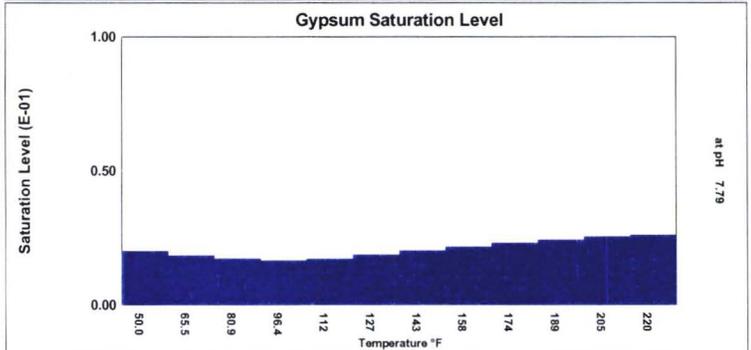
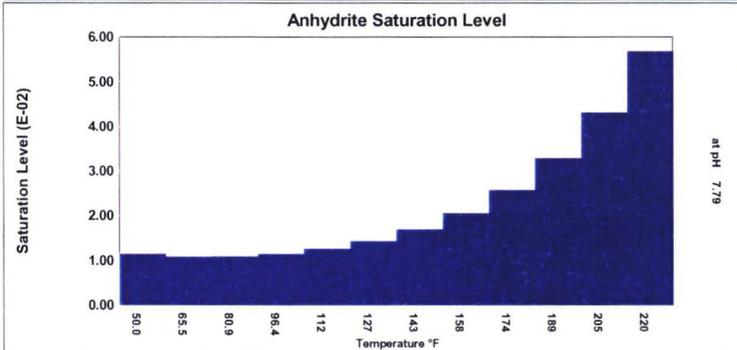
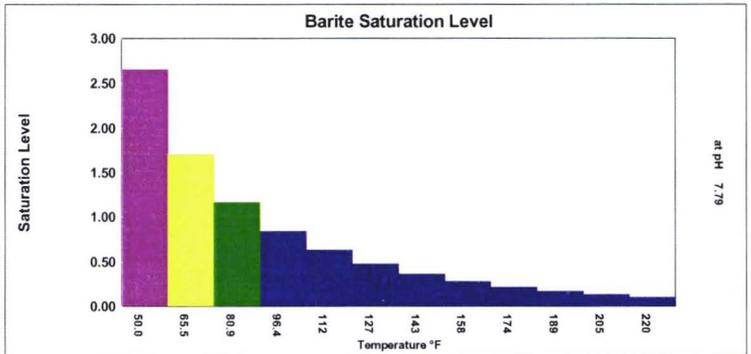
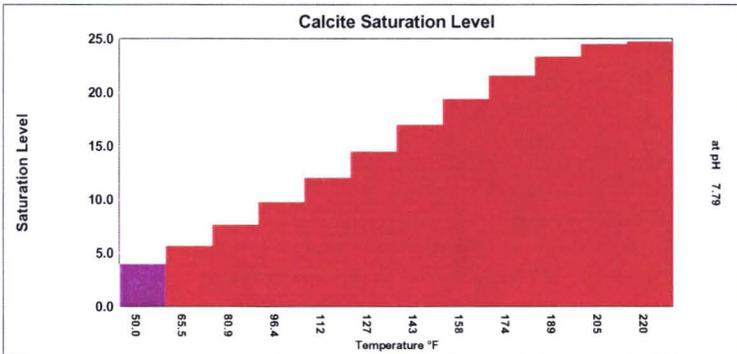
PARAMETERS

Temperature(°F)	109.00
T.D.S.	17686
Resistivity:	41.80
Sample pH	7.79
Conductivity:	23924

SCALE AND CORROSION POTENTIAL

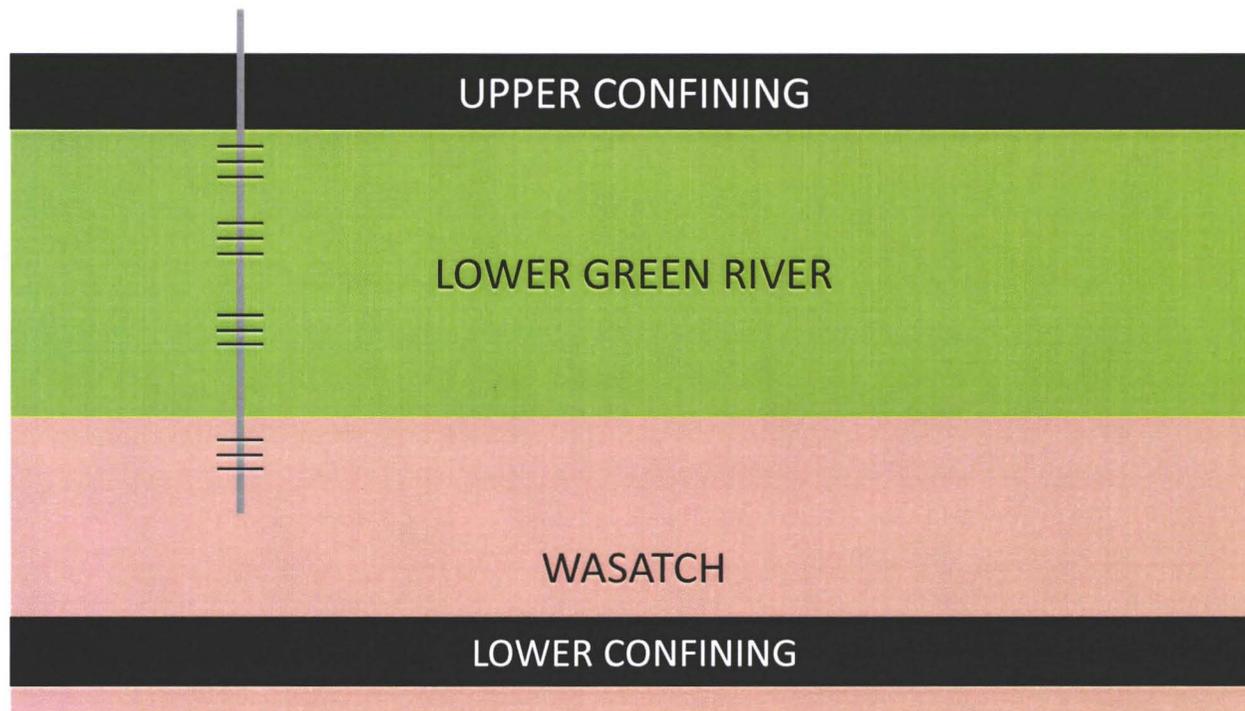
Temp. (°F)	Press. (atm)	Calcite CaCO ₃		Anhydrite CaSO ₄		Gypsum CaSO ₄ *2H ₂ O		Barite BaSO ₄		Celestite SrSO ₄		Siderite FeCO ₃		Mackawenite FeS		CO ₂ (mpy)	pCO ₂ (atm)
50.00	0.00	3.96	1.52	0.0114	-1017	0.0201	-827.54	2.66	0.0753	0.0846	-70.19	1169	2.36	0.00	-0.00144	0.0385	0.0111
65.45	0.00	5.63	2.09	0.0108	-1030	0.0184	-855.72	1.71	0.0500	0.0783	-73.92	1884	2.94	0.00	-0.00148	0.0720	0.0111
80.91	0.00	7.59	2.65	0.0108	-1011	0.0173	-874.42	1.17	0.0171	0.0768	-74.36	2857	3.54	0.00	-0.00153	0.0361	0.0111
96.36	0.00	9.77	3.17	0.0114	-964.57	0.0164	-884.52	0.839	-0.0232	0.0777	-73.05	4083	4.09	0.00	-0.00159	0.0472	0.0111
111.82	0.00	12.05	3.63	0.0125	-898.11	0.0171	-850.30	0.630	-0.0710	0.0795	-71.09	5527	4.59	0.00	-0.00167	0.0495	0.0111
127.27	0.00	14.48	4.07	0.0143	-817.76	0.0187	-791.68	0.478	-0.132	0.0810	-69.49	7189	5.07	0.00	-0.00178	0.0415	0.0111
142.73	0.00	16.98	4.47	0.0169	-729.39	0.0202	-741.75	0.366	-0.209	0.0818	-68.30	8956	5.51	0.00	-0.00193	0.0337	0.0111
158.18	0.00	19.40	4.82	0.0205	-638.01	0.0216	-699.03	0.282	-0.306	0.0821	-67.45	10608	5.90	0.00	-0.00215	0.0350	0.0111
173.64	0.00	21.57	5.09	0.0256	-547.68	0.0230	-662.33	0.219	-0.428	0.0820	-66.90	11862	6.19	0.00	-0.00245	0.0363	0.0111
189.09	0.00	23.31	5.25	0.0328	-461.49	0.0242	-630.80	0.171	-0.580	0.0815	-66.62	12431	6.35	0.00	-0.00290	0.0183	0.0111
204.55	0.00	24.48	5.28	0.0431	-381.56	0.0254	-603.76	0.135	-0.768	0.0806	-66.61	12199	6.38	0.00	-0.00355	0.0153	0.0111
220.00	0.171	24.70	5.24	0.0568	-314.12	0.0260	-589.22	0.105	-1.02	0.0780	-67.91	11043	6.33	0.00	-0.00463	0.0209	0.0130
		Lbs per		Lbs per		Lbs per		Lbs per		Lbs per		Lbs per		Lbs per			
		xSAT		xSAT		xSAT		xSAT		xSAT		xSAT		xSAT			
		1000		1000		1000		1000		1000		1000		1000			
		Barrels		Barrels		Barrels		Barrels		Barrels		Barrels		Barrels			

Saturation Levels (xSAT) are the ratio of ion activity to solubility, e.g. {Ca}{CO₃}/K_{sp}. pCO₂ (atm) is the partial pressure of CO₂ in the gas phase. Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.



Attachment 5-1
Cross Section of Confining Layers and Injection Zones

CPG UIC Example



Crescent Point Energy

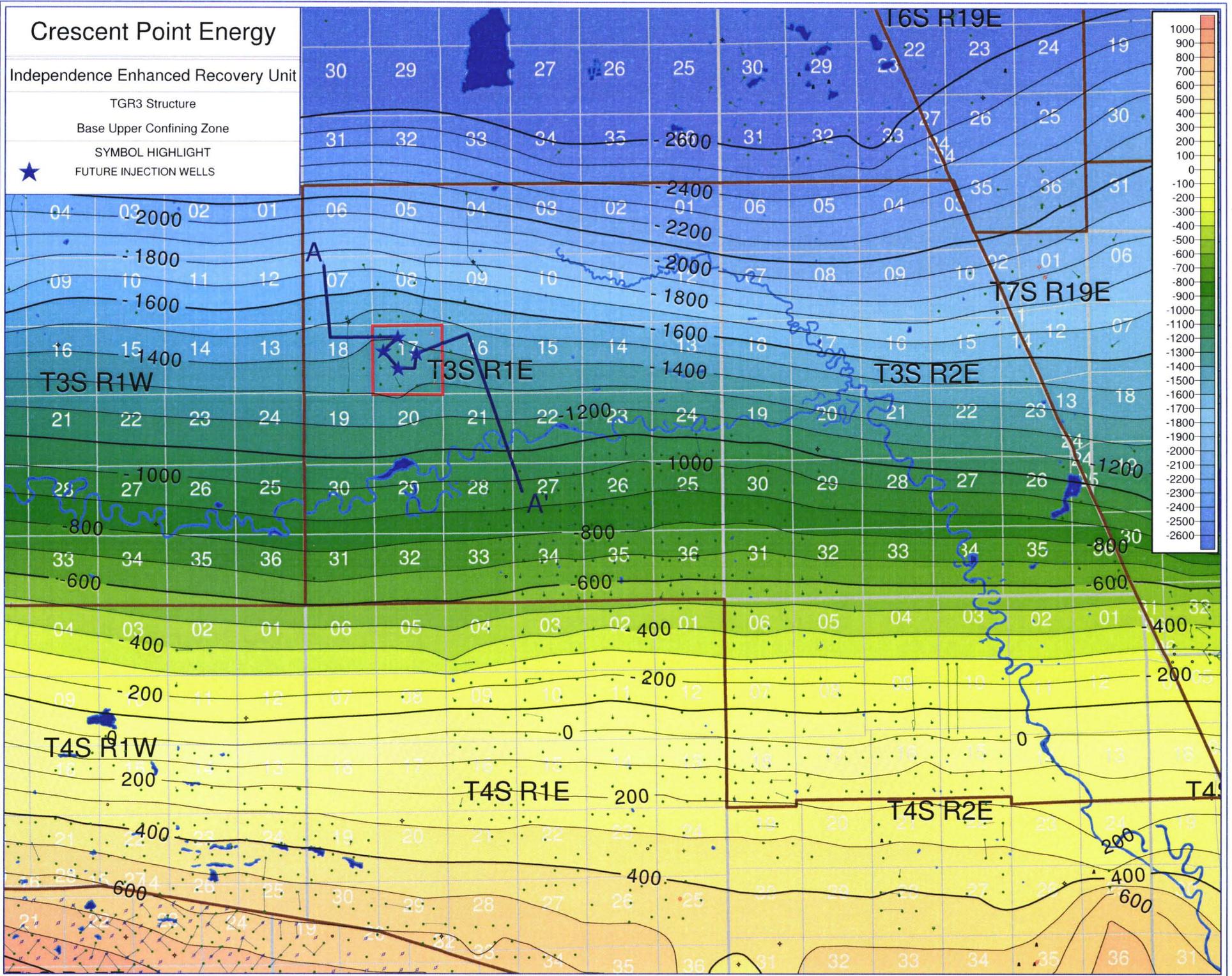
Independence Enhanced Recovery Unit

TGR3 Structure

Base Upper Confining Zone

SYMBOL HIGHLIGHT

★ FUTURE INJECTION WELLS



Womack 3-7-3-1
CRESCENT POINT ENERGY

Merritt 3-18-3-1E
CRESCENT POINT ENERGY

Kendall 3-17-3-1E
CRESCENT POINT ENERGY

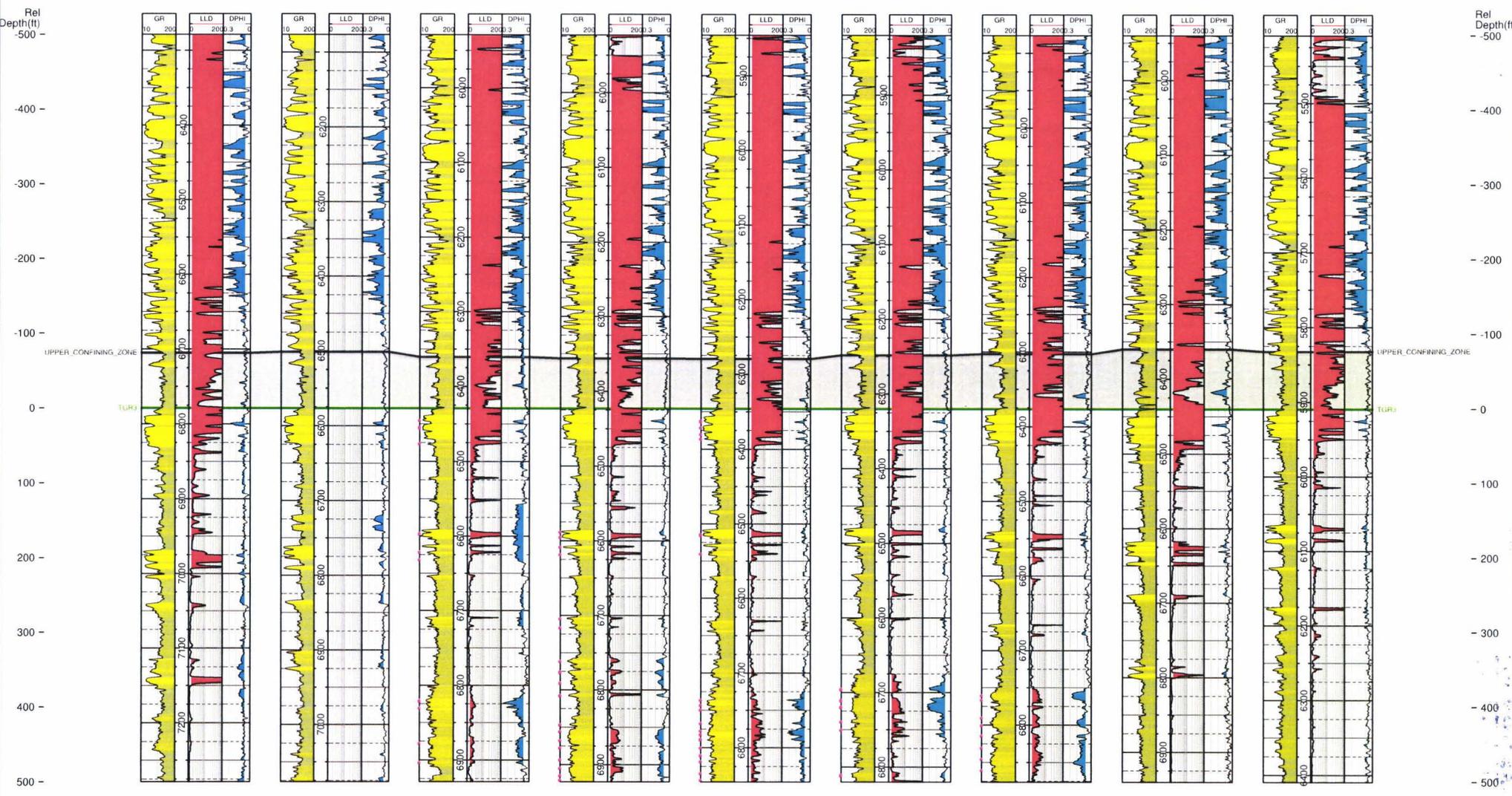
KENDALL 5-17-3-1E
CRESCENT POINT ENERGY US CORP

Kendall 11-17-3-1E
CRESCENT POINT ENERGY

Kendall 10-17-3-1E
CRESCENT POINT ENERGY

Kendall 7-17-3-1E
CRESCENT POINT ENERGY US CORP

Womack-Daddy 3-16-3-1ESZYNDRowski 5-27-3-1E
CRESCENT POINT ENERGY



Crescent Point Energy

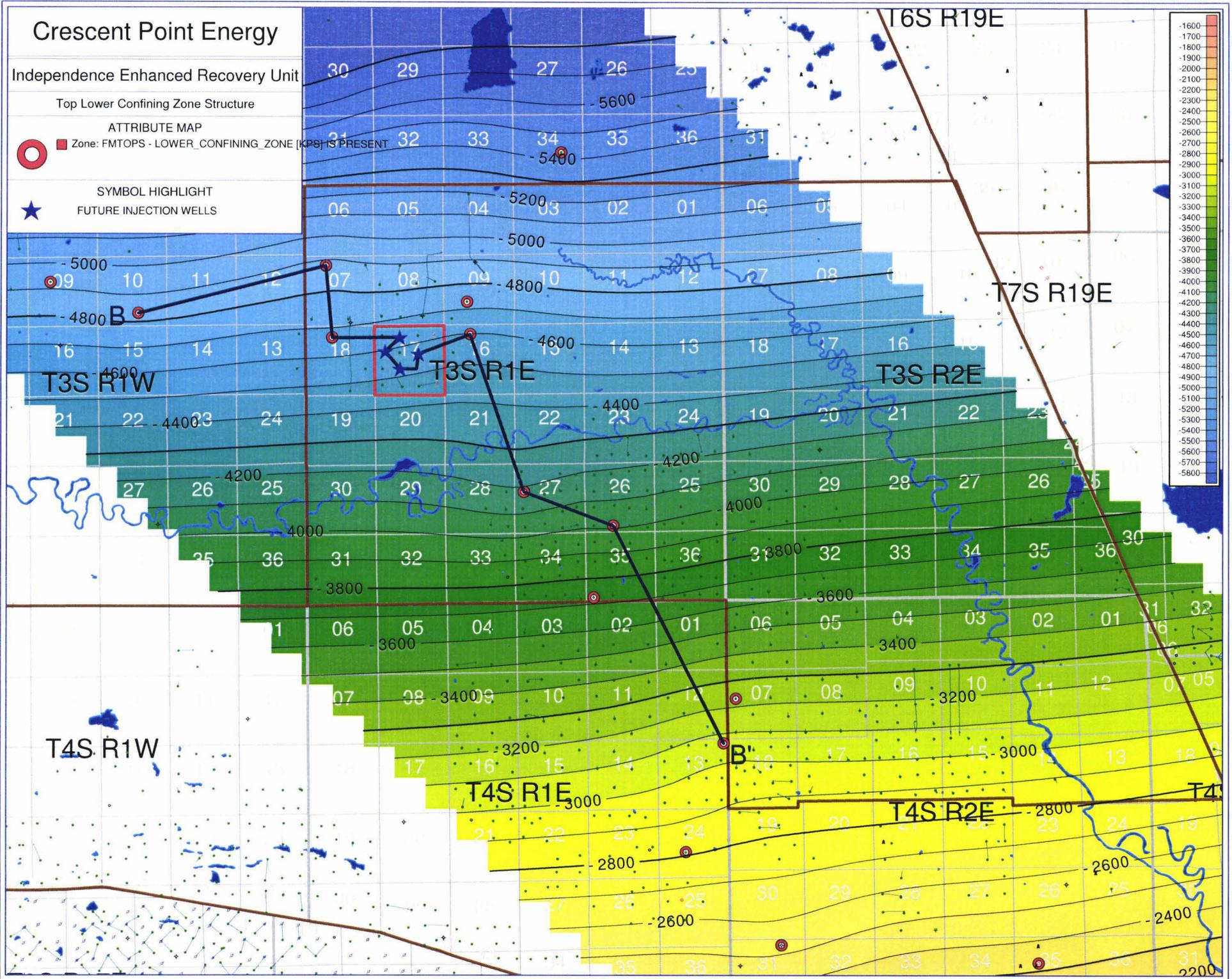
Independence Enhanced Recovery Unit

Top Lower Confining Zone Structure

ATTRIBUTE MAP

Zone: FMTOPS - LOWER_CONFINING_ZONE (KPS) IS PRESENT

SYMBOL HIGHLIGHT
FUTURE INJECTION WELLS



Crescent Point Energy

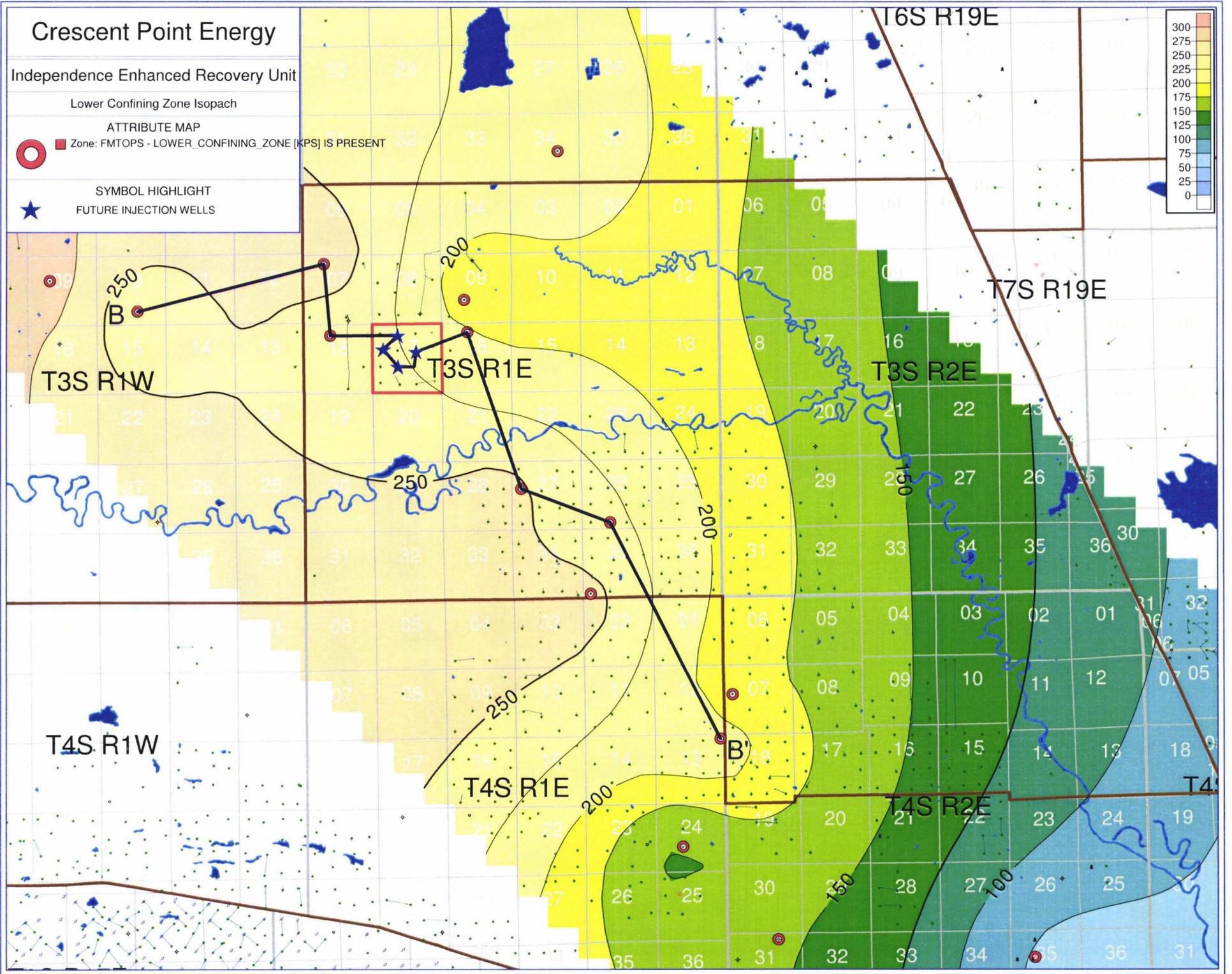
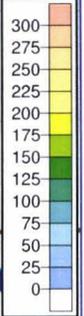
Independence Enhanced Recovery Unit

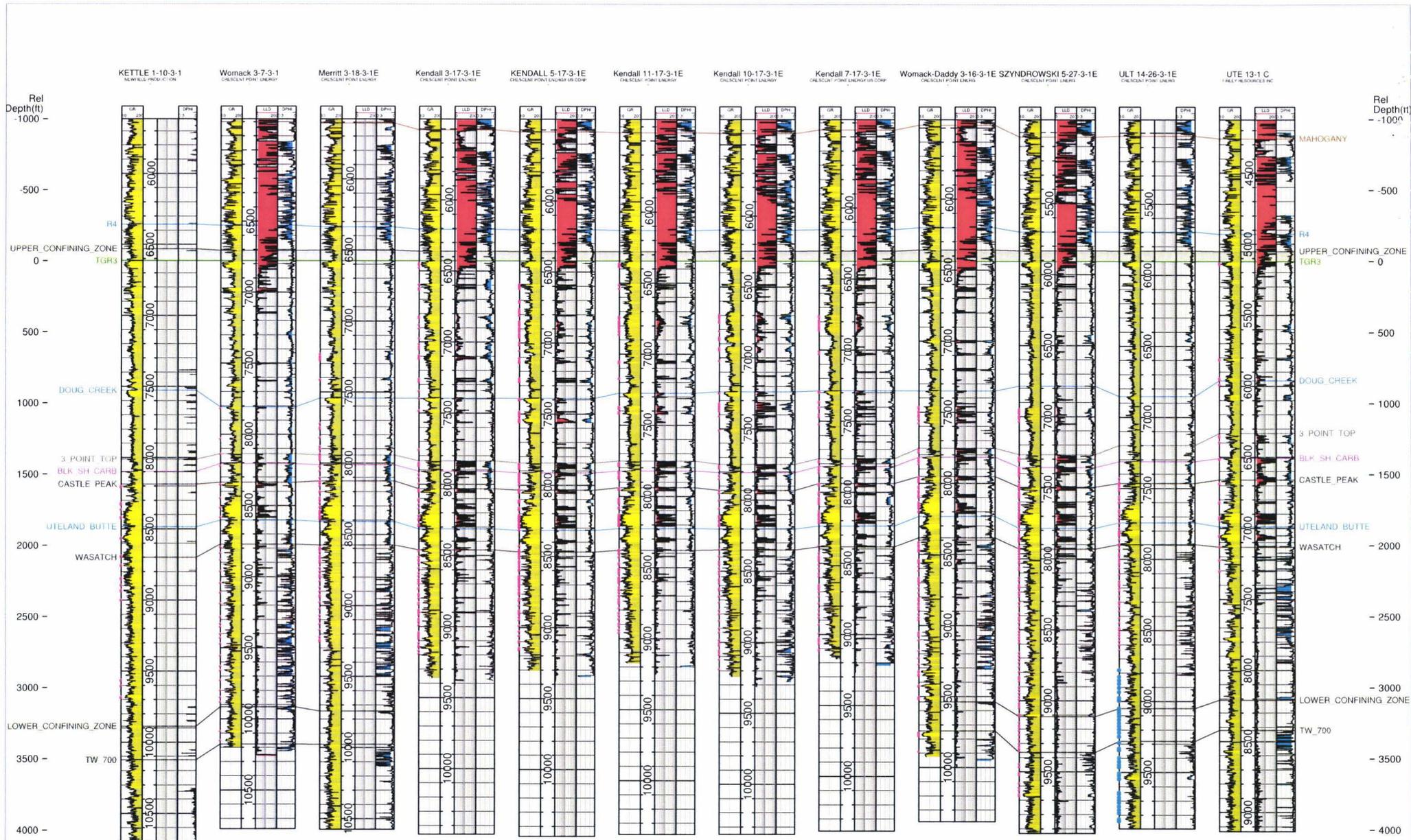
Lower Confining Zone Isopach

ATTRIBUTE MAP

Zone: FMTOPS - LOWER_CONFINING_ZONE [KPS] IS PRESENT

SYMBOL HIGHLIGHT
FUTURE INJECTION WELLS





BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC- 439

IN THE MATTER OF THE APPLICATION OF CRESCENT POINT ENERGY U.S. CORP. FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 17, TOWNSHIP 3 SOUTH, RANGE 1 EAST, Uintah County, Utah, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Crescent Point Energy U.S. Corp., 555 17th Street, Suite 1800, Denver, Colorado 80202, telephone 720-880-3621 for administrative approval of the following wells located in Uintah County, Utah, for conversion to Class II injection wells:

Kendall 3-17-3-1E well located in NE/4 NW/4, Section 17, Township 3 South, Range 1 East, API 43-047-53099
Kendall 11-17-3-1E well located in NE/4 SW/4, Section 17, Township 3 South, Range 1 East, API 43-047-52883
Kendall 7-17-3-1E well located in SW/4 NE/4, Section 17, Township 3 South, Range 1 East, API 43-047-55130
Kendall 5-17-3-1E well located in SW/4 NW/4, Section 17, Township 3 South, Range 1 East, API 43-047-52891

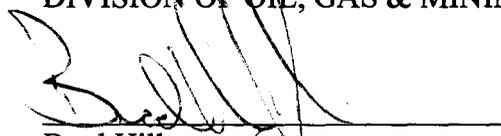
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Lower Green River and Wasatch Formations will be used for water injection for enhanced recovery. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Crescent Point Energy U.S. Corp.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 12th day of July, 2016.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Crescent Point Energy U.S. Corp.

**KENDALL 3-17-3-1E, KENDALL 11-17-3-1E, KENDALL 7-17-3-1E,
KENDALL 5-17-3-1E**

Cause No. UIC-439

Publication Notices were sent to the following:

Crescent Point Energy U.S. Corp.
c/o Ms. Katie Matthews
555 17th Street, Suite 1800
Denver, CO 80202

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
Via e-mail ubslegals@ubmedia.biz

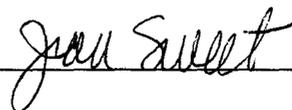
Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
Via e-mail naclegal@utahmediagroup.com

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Uintah County Planning
52 East 100 North
Vernal, UT 84078

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2818





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. BAZA
Division Director

July 13, 2016

Via e-mail: ubslegals@ubmedia.biz

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

SUBJECT: NOTICE OF AGENCY ACTION – CRESCENT POINT ENERGY CAUSE NO. UIC-439
KENDALL 3-17-3-1E, KENDALL 11-17-3-1E, KENDALL 7-17-3-1E,
KENDALL 5-17-3-1E

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet <jsweet@utah.gov>

**Re: NOTICE OF AGENCY ACTION – CRESCENT POINT
ENERGY CAUSE NO. UIC-439**

1 message

Cindy Kleinfelter <ckleinfelter@ubmedia.biz>
To: Jean Sweet <jsweet@utah.gov>

Wed, Jul 13, 2016 at 2:38 PM

Received. It will publish July 19. Thank you.

Cindy

On 7/13/2016 9:12 AM, Jean Sweet wrote:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

Jean

--

Jean Sweet
Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-5329
jsweet@utah.gov



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. BAZA
Division Director

July 13, 2016

Via e-mail: naclegal@utahmediagroup.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

SUBJECT: NOTICE OF AGENCY ACTION – CRESCENT POINT ENERGY CAUSE NO. UIC-433
KENDALL 3-17-3-1E, KENDALL 11-17-3-1E, KENDALL 7-17-3-1E,
KENDALL 5-17-3-1E

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Ad Number 0001101635-01 **Ad Type**
Ad Size 2 X 72 li **Color**

Legal Liner

WYSIWYG Content

NOTICE OF AGENCY ACTION

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC- 439

IN THE MATTER OF THE APPLICATION OF CRESCENT
POINT ENERGY U.S. CORP. FOR ADMINISTRATIVE APPRO-
VAL OF CERTAIN WELLS LOCATED IN SECTION 17,
TOWNSHIP 3 SOUTH, RANGE 1 EAST, UTAH COUNTY,
UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN
THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and
Mining (the "Division") is commencing an informal adju-
dicative proceeding to consider the application of
Crescent Point Energy U.S. Corp., 555 17th Street,
Suite 1800, Denver, Colorado 80202, telephone 720-
880-3621 for administrative approval of the following
wells located in Uintah County, Utah, for conversion to
Class II injection wells:

Kendall 3-17-3-1E well located in NE/4 NW/4, Section
17, Township 3 South, Range 1 East, API 43-047-
53099

Kendall 11-17-3-1E well located in NE/4 SW/4, Sec-
tion 17, Township 3 South, Range 1 East, API 43-047-
52883

Kendall 7-17-3-1E well located in SW/4 NE/4, Section
17, Township 3 South, Range 1 East, API 43-047-
55130

Kendall 5-17-3-1E well located in SW/4 NW/4, Sec-
tion 17, Township 3 South, Range 1 East, API 43-047-
52891

The proceeding will be conducted in accordance with
Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Lower Green River and Wasatch
Formations will be used for water injection for en-
hanced recovery. The maximum requested injection
pressures and rates will be determined based on frac-
ture gradient information submitted by Crescent Point
Energy U.S. Corp.

Any person desiring to object to the application or oth-
erwise intervene in the proceeding, must file a written
protest or notice of intervention with the Division within
fifteen days following publication of this notice. The Di-
vision's Presiding Officer for the proceeding is Brad
Hill, Permitting Manager, at P.O. Box 145801, Salt
Lake City, UT 84114-5801, phone number (801)
538-5340. If such a protest or notice of intervention is
received, a hearing will be scheduled in accordance
with the aforementioned administrative procedural
rules. Protestants and/or interveners should be pre-
pared to demonstrate at the hearing how this matter
affects their interests.

Dated this 12th day of July, 2016.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

1101635

UPAXLP

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune <u>Scheduled Date(s):</u>	Legal Liner Notice 07/14/2016	998 - Other Legal Notice
Deseret News <u>Scheduled Date(s):</u>	Legal Liner Notice 07/14/2016	998 - Other Legal Notice
utahlegals.com <u>Scheduled Date(s):</u>	utahlegals.com 07/14/2016	utahlegals.com -
7/13/2016 11:30:25AM		2

AFFIDAVIT OF PUBLICATION

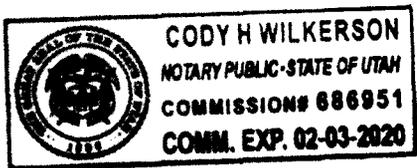
County of Duchesne,
STATE OF UTAH

I, CYNTHIA KLEINFELTER on oath, say that I am the LEGALS MANAGER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for 1 consecutive issues, and that the first publication was on the 19 day of July, 2016, and that the last publication of such notice was in the issue of such newspaper dated the 19 day of July, 2016, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Cynthia Kleinfelter
LEGALS MANAGER

Subscribed and sworn to before me on this
21 day of July, 2016

by Cynthia Kleinfelter.
[Signature]
Notary Public



COUNTY, UTAH,
AS CLASS II INJECTION WELLS.
THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Crescent Point Energy U.S. Corp., 555 17th Street, Suite 1800, Denver, Colorado 80202, telephone 720-880-3621 for administrative approval of the following wells located in Uintah County, Utah, for conversion to Class II injection wells:

Kendall 3-17-3-1E well located in NE/4 NW/4, Section 17, Township 3 South, Range 1 East, API 43-047-53099
Kendall 11-17-3-1E well located in NE 1 SW 1/4, Section 17, Township 3 South, Range 1 East, API 43-047-52883
Kendall 7-17-3-1E well located in SW/4 NE/4, Section 17, Township 3 South, Range 1 East, API 43-047-55130
Kendall 5-17-3-1E well located in SW/4 NW/4, Section 17, Township 3 South, Range 1 East, API 43-047-52891

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selected zones in the Lower Green River and Wasatch Formations will be used for water injection for enhanced recovery. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Crescent Point Energy U.S. Corp. Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer

NOTICE OF AGENCY ACTION CAUSE NO. UIC- 439

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH
IN THE MATTER OF THE APPLICATION OF CRESCENT POINT ENERGY U.S. CORP. FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 17, TOWNSHIP 3 SOUTH, RANGE 1 EAST, UTAH

220100/220100/220100/3800/2016

See reverse ->

for the proceeding is
Brad Hill, Permitting
Manager, at P.O. Box
145801, Salt Lake
City, UT 84114-5801,
phone number (801)
538-5340. If such
a protest or notice
of intervention is
received, a hearing
will be scheduled
in accordance with
the aforementioned
administrative
procedural rules.
Protestants and/or
interveners should be
prepared to demon-
strate at the hearing
how this matter af-
fects their interests.

Dated this 12th day
of July, 2016.

STATE OF UTAH
DIVISION OF
OIL, GAS & MIN-
ING

/s/
Brad Hill
Permitting Man-
ager

Published in the
Utah Basin Stan-
dard July 19, 2016.

4770 S. 5600 W.
WEST VALLEY CITY, UTAH 84118
TEL: FAX: 87-0217663
801-204-6910

NEW YEAR
RECEIVED
JUL 19 2016
DIV. OF OIL GAS & MINING



Oil Well Lake County

PROOF OF PUBLICATION CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS		ACCOUNT NUMBER	
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114		9001402352	
ACCOUNT NAME		DATE	
DIV OF OIL-GAS & MINING		7/14/2016	
TELEPHONE	ORDER #	INVOICE NUMBER	
8015385340	0001101635	/	
PUBLICATION SCHEDULE			
START 07/14/2016		END 07/14/2016	
CUSTOMER REFERENCE NUMBER			
CAUSE NO. UIC - 439			
CAPTION			
NOTICE OF AGENCY ACTION BEFORE THE DIVISION OF OIL, GAS AND MINING D			
SIZE			
72 LINES	2 COLUMN(S)		
TIMES	TOTAL COST		
3	246.92		

NOTICE OF AGENCY ACTION
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC - 439

IN THE MATTER OF THE APPLICATION OF GREATPOINT ENERGY U.S. CORP. FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 17, TOWNSHIP 3 SOUTH, RANGE 1 EAST, UTAH COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing its administrative proceedings to consider the application of Greatpoint Energy U.S. Corp., 589 17th Street, Suite 1800, Denver, Colorado 80202, telephone 720-880-3621 for administrative approval of the following wells located in Utah County, Utah, for submission to Class II injection wells:

Section 3-17-3-1E well located in NE/4 NW/4, Section 17, Township 3 South, Range 1 East, A.M. 43-047-53099
Kendall 11-17-3-1E well located in NE/4 NW/4, Section 17, Township 3 South, Range 1 East, A.M. 43-047-53120
Kendall 7-17-3-1E well located in SW/4 NE/4, Section 17, Township 3 South, Range 1 East, A.M. 43-047-53130
Kendall 5-17-3-1E well located in SW/4 NW/4, Section 17, Township 3 South, Range 1 East, A.M. 43-047-53091

The proceeding will be conducted in accordance with Utah Admin. 88-49-10, Administrative Procedures.

Selected zones in the Lower Green River and Wasatch Formations will be used for water injection for enhanced recovery. The maximum requested injection pressure and rates will be determined based on fracture gradient information submitted by Greatpoint Energy U.S. Corp.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Permitting Manager for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the administrative procedures in accordance with the administrative procedures should be prepared to demonstrate the hearing how this matter affects their interests.

Dated this 12th day of July, 2016.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

1101635 UHARP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC d/b/a UTAH MEDIA GROUP LEGAL BOOKER, ADVERTISEMENT OF NOTICE OF AGENCY ACTION BEFORE THE DIVISION OF OIL, GAS AND MINING, NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC 439, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC d/b/a UTAH MEDIA AND THE SALT LAKE TRIBUNE, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. LEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

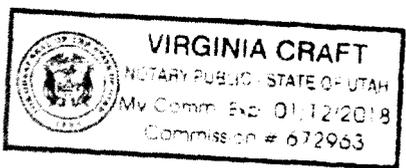
PUBLISHED ON Start 07/14/2016 End 07/14/2016

DATE 7/14/2016 SIGNATURE *Ann Darinell*

STATE OF UTAH)
COUNTY OF SALT LAKE)

SUBSCRIBED AND SWORN TO BEFORE ME ON THIS 14TH DAY OF JULY IN THE YEAR 2016

BY ANN DARINELL



Virginia Craft
NOTARY PUBLIC SIGNATURE

3300 Bull Hill Rd, Salt Lake City, UT 84119

FILED

AUG 17 2016

**SECRETARY, BOARD OF
OIL, GAS & MINING**

**BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH**

**IN THE MATTER OF THE REQUEST FOR
AGENCY ACTION OF CRESCENT POINT
ENERGY U.S. CORPORATION FOR
APPROVAL OF ENHANCED AND
SECONDARY RECOVERY OPERATIONS
IN THE LOWER GREEN RIVER AND
GREEN RIVER-WASATCH FORMATIONS
IN SECTION 17, TOWNSHIP 3 SOUTH,
RANGE 1, EAST, U.S.M., UINTAH
COUNTY, UTAH, FOR AUTHORITY FOR
UNDERGROUND INJECTION OF WATER,
AND CERTIFICATION AS AN ENHANCED
RECOVERY PROJECT**

**ORDER DISMISSING CAUSE
WITHOUT PREJUDICE**

Docket No. 2016-015

Cause No. 131-147

The Board of Oil, Gas and Mining (the "Board") having fully considered Crescent Point Energy U.S. Corporation's (the "Petitioner") Petitioner's Motion to Withdraw Request for Agency Action and for an Order Dismissing Cause Without Prejudice (the "Motion") and the grounds and reasons provided therefore, and good cause appearing, hereby enters its Order granting the Motion as follows:

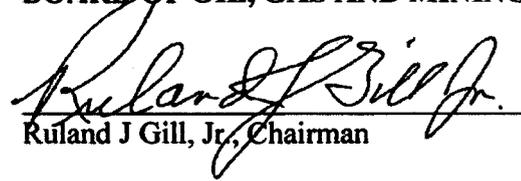
Petitioner's request to withdraw its Request for Agency Action in this Cause is granted, and accordingly, this Cause is hereby dismissed without prejudice.

For all purposes, the Chairman's signature on a faxed or electronic copy of this order shall be deemed the equivalent of a signed original.

Issued this 17th day of August, 2016.

**STATE OF UTAH
BOARD OF OIL, GAS AND MINING**

By:


Ruland J Gill, Jr., Chairman