

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						1. WELL NAME and NUMBER Hicken Tribal 16-9-3-1E								
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT								
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME								
6. NAME OF OPERATOR CRESCENT POINT ENERGY U.S. CORP						7. OPERATOR PHONE 720 880-3621								
8. ADDRESS OF OPERATOR 555 17th Street, Suite 750, Denver, CO, 80202						9. OPERATOR E-MAIL abaldwin@crecidentpointenergy.com								
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 1420H626288			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input 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') Donald Hicken						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-722-4898								
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 692 E 300 N, ,						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')								
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>								
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN		
LOCATION AT SURFACE		718 FSL 1606 FEL		SWSE		9		3.0 S		1.0 E		U		
Top of Uppermost Producing Zone		718 FSL 1606 FEL		SWSE		9		3.0 S		1.0 E		U		
At Total Depth		654 FSL 658 FEL		SESE		9		3.0 S		1.0 E		U		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 654			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: 9976 TVD: 9888								
27. ELEVATION - GROUND LEVEL 4931			28. BOND NUMBER LPM9080276			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478								
<b>Hole, Casing, and Cement Information</b>														
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 - 1000	24.0	J-55 ST&C	8.3	Class G	450	1.15	15.8				
PROD	7.875	5.5	0 - 9976	17.0	N-80 LT&C	10.0	Light (Hibond)	300	3.66	10.5				
							Class G	150	2.95	11.0				
							Class G	450	1.65	13.0				
<b>ATTACHMENTS</b>														
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>														
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN								
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER								
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP								
NAME Emily Kate DeGrasse			TITLE Regulatory and compliance Intern			PHONE 720 880-3644								
SIGNATURE			DATE 09/27/2013			EMAIL edegrasse@crecidentpointenergy.com								
API NUMBER ASSIGNED 43047540020000			APPROVAL											
						Permit Manager								

Crescent Point Energy U.S. Corp  
**Hicken Tribal 16-9-3-1E**  
 SHL: SW/SE of Section 9, T3S, R1E  
 BHL: SE/SE of Section 9, T3S, R1E  
 SHL: 718' FSL & 1606' FEL  
 BHL: 654' FSL & 658' FEL  
 Uintah County, Utah

## DRILLING PLAN

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

Formation	Depth – TVD	Depth – MD
Uinta	Surface	Surface
Upper Green River Marker	4,803'	4,865'
Mahogany	5,392'	5,465'
Garden Gulch (TGR3)	6,540'	6,628'
Douglas Creek	7,344'	7,432'
Black Shale	7,854'	7,942'
Castle Peak	8,016'	8,104'
Uteland	8,273'	8,361'
Wasatch	8,388	8,476'
TD	9,888	9,976'

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

Green River Formation (Oil)      4,865' – 8,476'  
 Wasatch Formation (Oil)          8,476' – 9,976'

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 BLM 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 BLM Vernal Field Office 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 Vernal Field Office. The BLM 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 <sub>3</sub> ) (mg/l)
Dissolved Bicarbonate (NaHCO <sub>3</sub> ) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO <sub>4</sub> ) (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
<b>Conductor 16" Hole Size 24"</b>	0'	40'	65	H-40	STC	1,640	670	439
<b>Surface casing 8-5/8" Hole Size 12-1/4"</b>	0'	1000'	24	J-55	STC	2,950	1,370	244,000
<b>Prod casing 5-1/2" Hole Size 7-7/8"</b>	0'	9,976'	17	E-80	LTC	7,740	6,280	348,000
						2.62	1.30	2.20

*Assumptions:*

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

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

## Minimum Safety Factors:

Burst = 1.000  
Collapse = 1.125  
Tension = 1.800

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

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

*Cementing Design:*

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

\*Actual volume pumped will have excess over gauge hole or caliper log if available

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

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

The Vernal BLM office shall be notified, with sufficient lead time, in order to have a BLM 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 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Field Office within 30 days after the work is completed. This report must include the following information:

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

5. Drilling Fluids Program

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

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

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

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

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

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

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

6. Minimum Specifications for Pressure Control

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

The configuration is as follows:

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

- 2 Kill line valves at 2" minimum – one with a check valve
- Kill line at 2" minimum
- 2 Choke line valves at 3" minimum
- Choke line at 3" minimum
- 2 adjustable chokes on manifold
- Pressure gauge on choke manifold

#### 7. BOPE Test Criteria

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

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to BLM 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 2 independent power sources to close both rams and annular preventer, while opening HCR. Nitrogen bottles will be 1 source and electric and/or air powered pumps will be the other.

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

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

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

#### 9. Testing, Logging and Coring Programs

The logging program will consist of a Gamma Ray log from TD to base of surface casing @ +/- 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

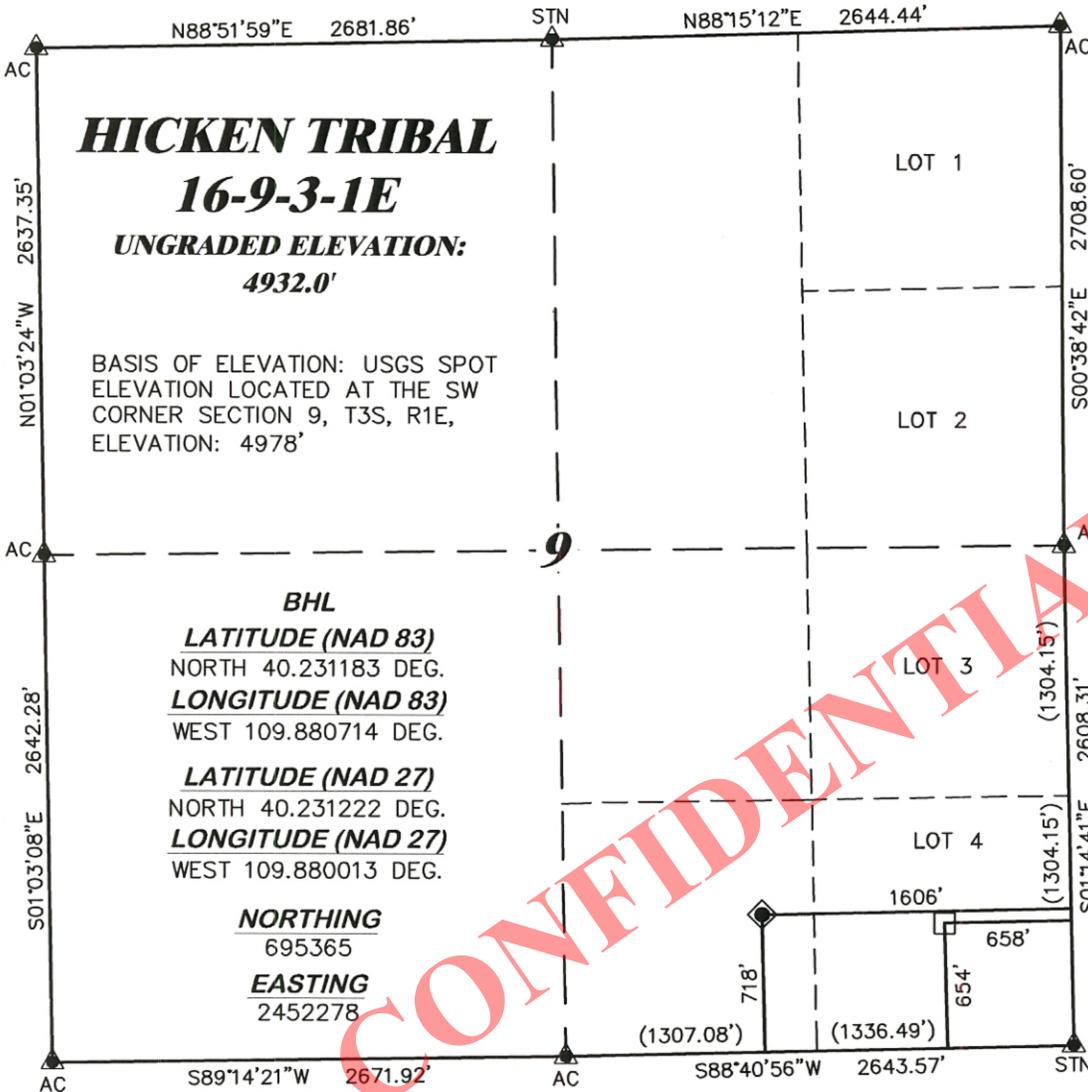
It is anticipated that drilling operations will commence in June 2014, and take approximately seven (7) days from spud to rig release and two weeks for completions.

12. Variations Requested from Onshore Order No. 2

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

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**R. 1 E.**



SCALE 1" = 1000'

**T. 3 S.**

**SHL**

**LATITUDE (NAD 83)**  
NORTH 40.231347 DEG.  
**LONGITUDE (NAD 83)**  
WEST 109.884111 DEG.

**LATITUDE (NAD 27)**  
NORTH 40.231386 DEG.  
**LONGITUDE (NAD 27)**  
WEST 109.883410 DEG.

**NORTHING**

695407.59

**EASTING**

2451328.90

**DATUM**

SPCS UTC (NAD 27)

**HICKEN TRIBAL**  
**16-9-3-1E**  
**UNGRADED ELEVATION:**  
**4932.0'**

BASIS OF ELEVATION: USGS SPOT  
ELEVATION LOCATED AT THE SW  
CORNER SECTION 9, T3S, R1E,  
ELEVATION: 4978'

**BHL**  
**LATITUDE (NAD 83)**  
NORTH 40.231183 DEG.  
**LONGITUDE (NAD 83)**  
WEST 109.880714 DEG.

**LATITUDE (NAD 27)**  
NORTH 40.231222 DEG.  
**LONGITUDE (NAD 27)**  
WEST 109.880013 DEG.

**NORTHING**  
695365

**EASTING**  
2452278

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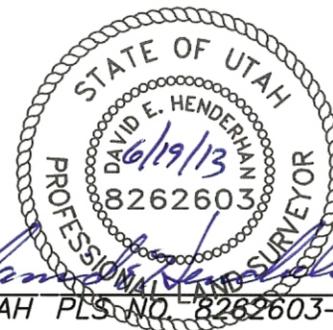


**SURVEYOR'S STATEMENT**

I, DAVID E. HENDERHAN, OF GRAND JUNCTION, COLORADO, HEREBY STATE: THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL FIELD SURVEY DONE UNDER MY DIRECT SUPERVISION ON 10th DAY OF JUNE, 2013 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF HICKEN TRIBAL 16-9-3-1E AS STAKED ON THE GROUND.

**LEGEND**

- ◆ WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- ▲ PREVIOUSLY FOUND MONUMENT

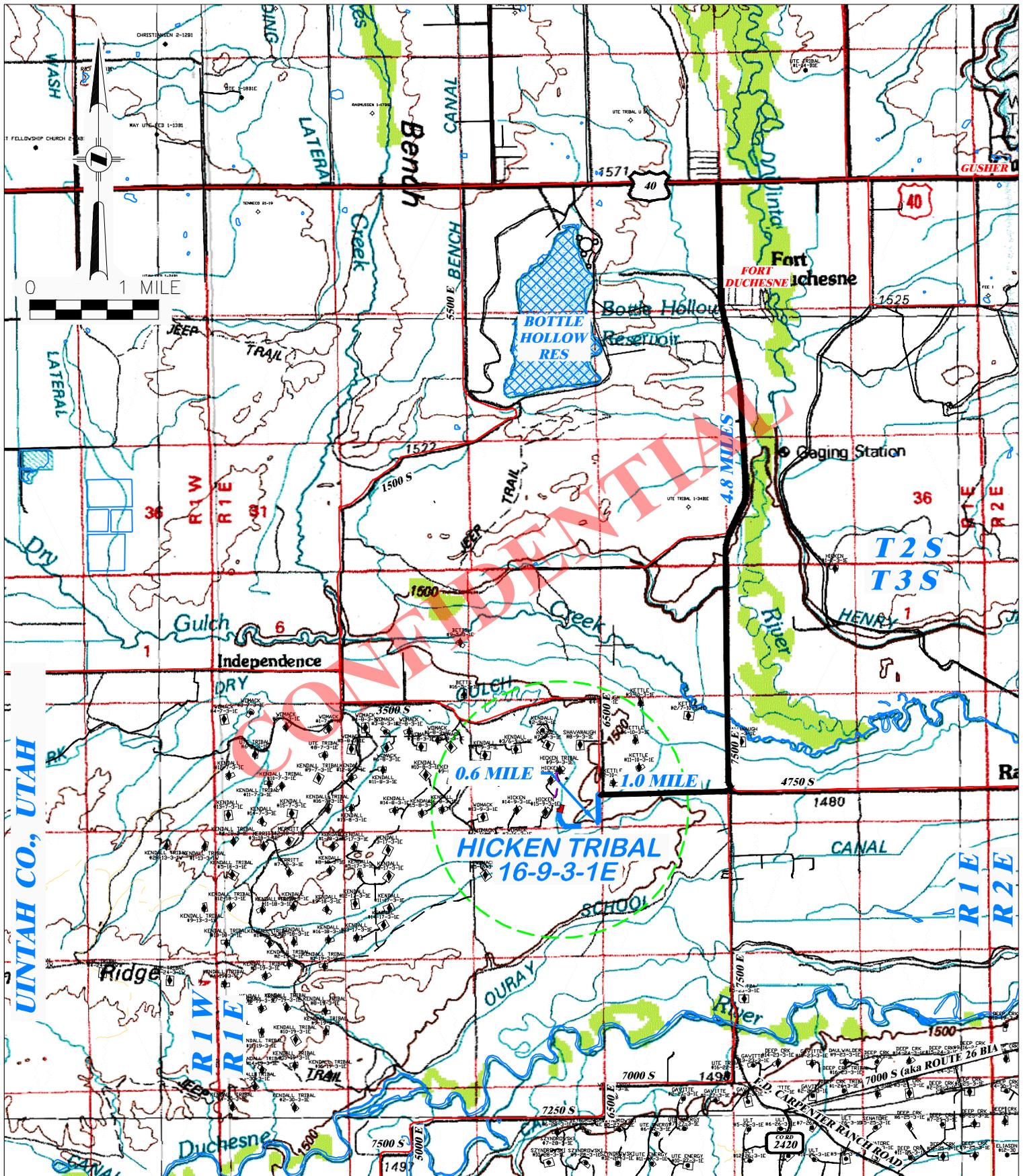


UTAH PLS. NO. 8262603-2201

<p><b>DRG RIFFIN &amp; ASSOCIATES, INC.</b> (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901</p>	
DRAWN: 6/12/2013 - TCM	SCALE: 1" = 1000'
REVISED: N/A -	DRG JOB No. 19844
EXHIBIT 1	

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

**718' F/SL, & 1606' F/EL, SECTION 9,  
T. 3 S., R. 1 E., U.S.M.,  
UINTAH COUNTY, UTAH**

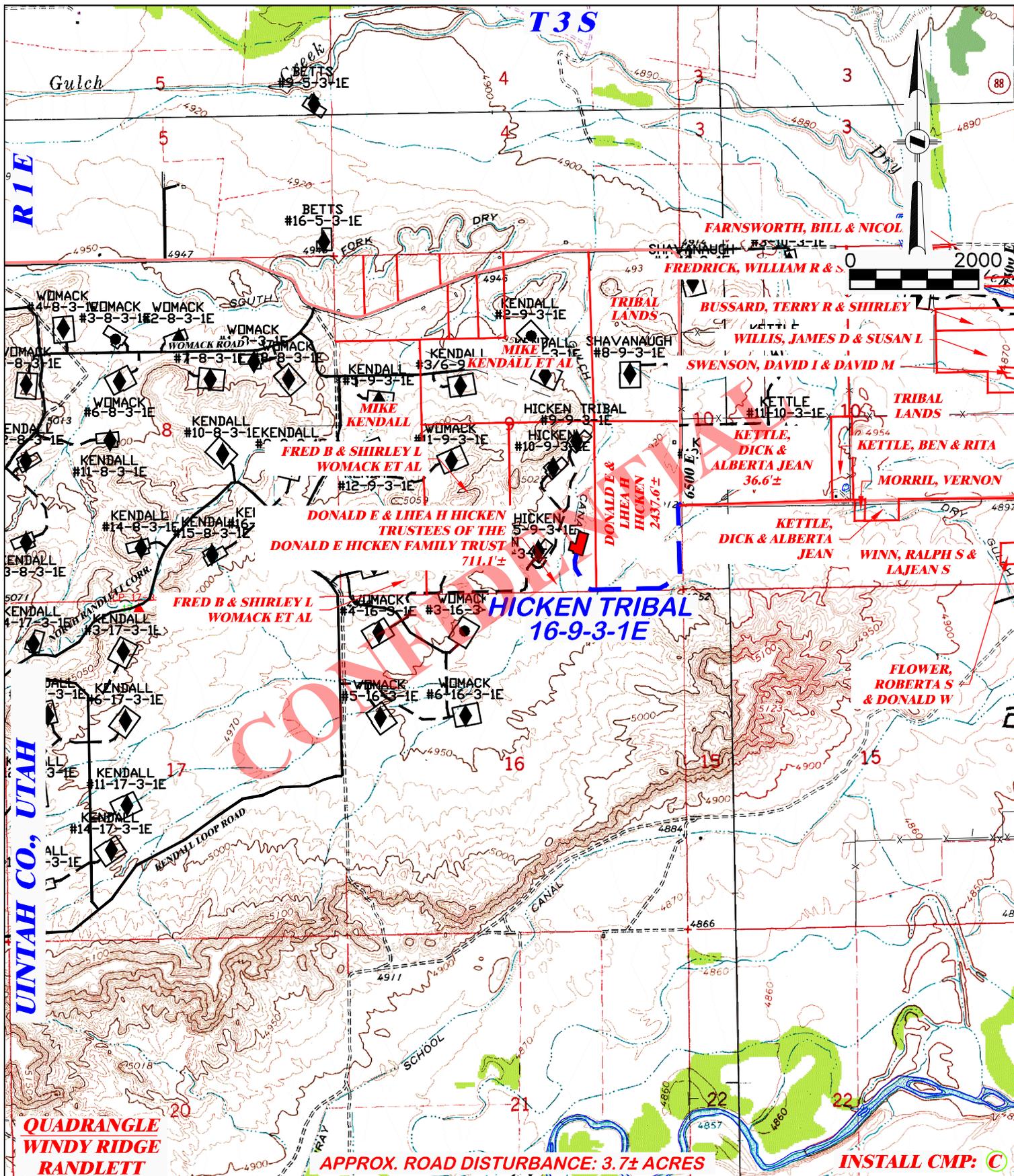


**DRG** RIFFIN & ASSOCIATES, INC.  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

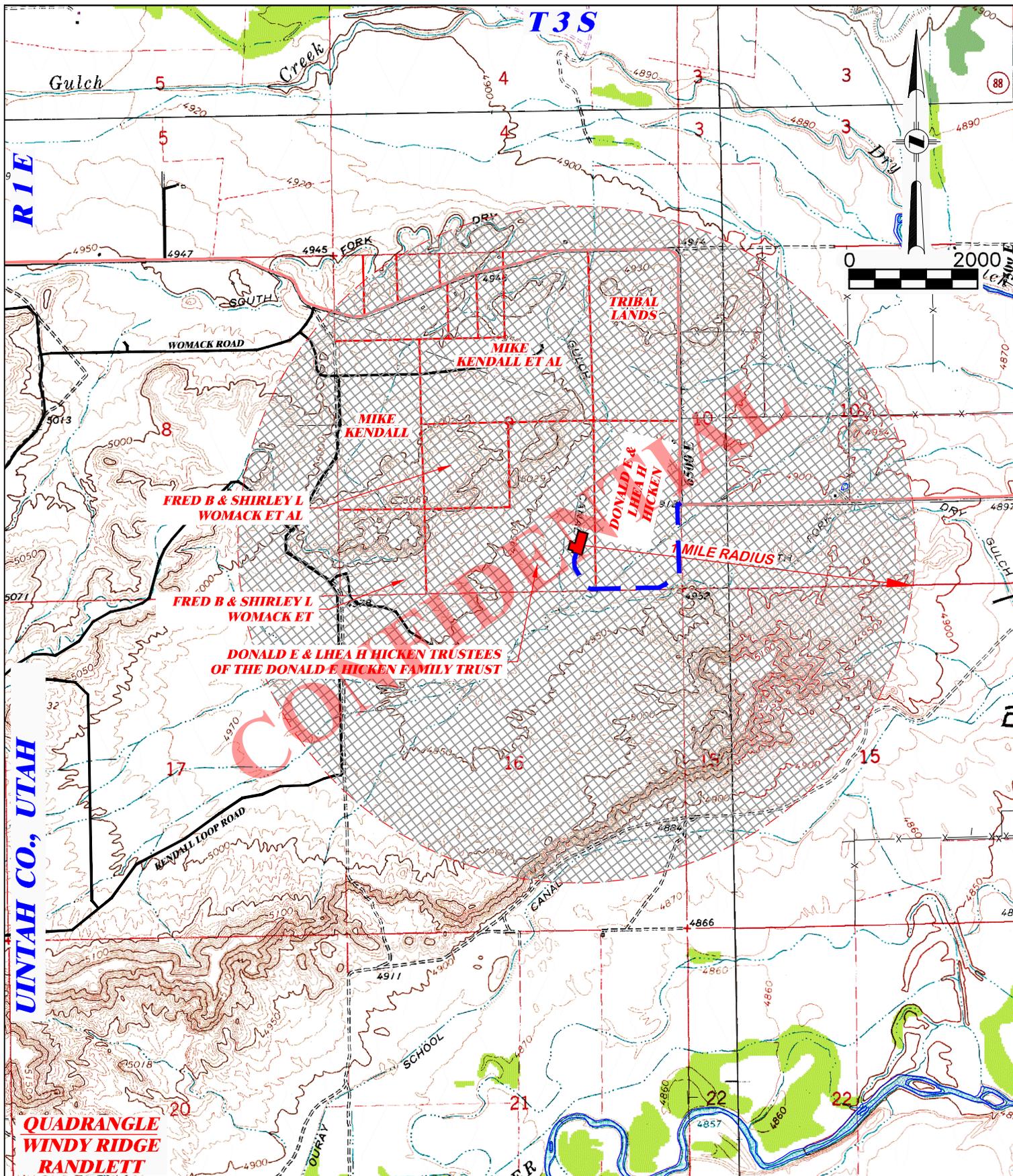
**PROPOSED ACCESS FOR  
 CRESCENT POINT ENERGY  
 HICKEN TRIBAL 16-9-3-1E  
 SECTION 9, T.3 S., R.1 E.**

DRAWN: 6/12/2013 - TCM	SCALE: 1" = 1 MILE
REVISED: N/A -	DRG JOB No. 19844
TOPO A	

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



 <b>DRG RIFFIN &amp; ASSOCIATES, INC.</b> (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901		<b>PROPOSED ROAD FOR                  CRESCENT POINT ENERGY                  HICKEN TRIBAL 16-9-3-1E                  SECTION 9, T.3 S., R.1 E.</b>	
DRAWN: 6/12/2013 - TCM	SCALE: 1" = 2000'	TOTAL PROPOSED LENGTH: 3185.3±	
REVISED: N/A -	DRG JOB No. 19844	PROPOSED ROAD  EXISTING ROAD 	
TOPO B			

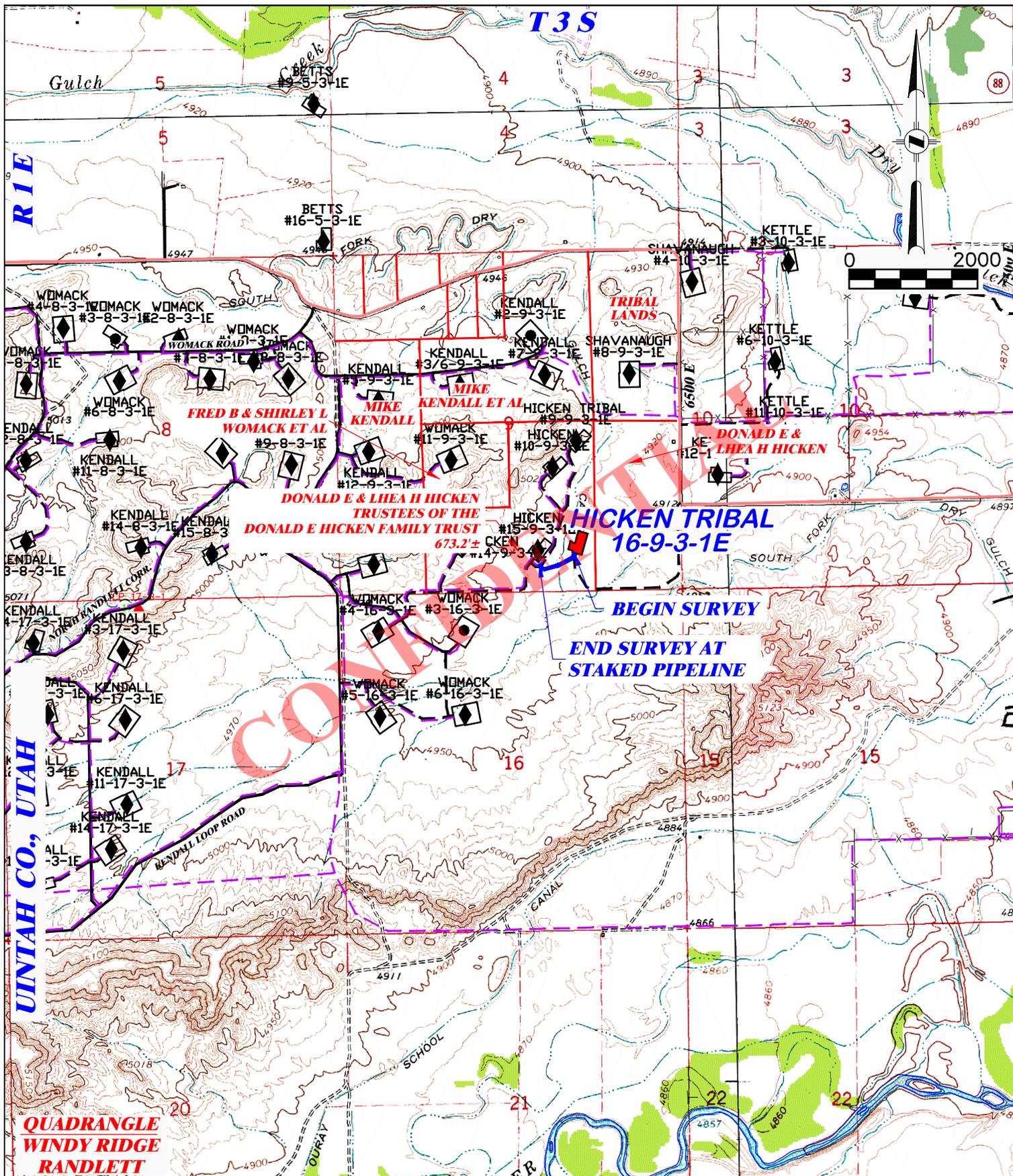


**DRG** RIFFIN & ASSOCIATES, INC.  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 6/12/2013 - TCM	SCALE: 1" = 2000'
REVISED: N/A -	DRG JOB No. 19844
TOPO C	

**ONE MILE RADIUS FOR CRESCENT POINT ENERGY HICKEN TRIBAL 16-9-3-1E SECTION 9, T.3 S., R.1 E.**

PROPOSED ROAD ——— EXISTING ROAD ———



 <b>DRG RIFFIN &amp; ASSOCIATES, INC.</b> (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901		<b>PROPOSED PIPELINE FOR                  CRESCENT POINT ENERGY                  HICKEN TRIBAL 16-9-3-1E                  SECTION 9, T.3 S., R.1 E.</b>	
DRAWN: 6/12/2013 - TCM		SCALE: 1" = 2000'	
REVISED: N/A -		DRG JOB No. 19844	
		TOTAL PROPOSED LENGTH: 673.2±	
TOPO D		PROPOSED PIPELINE ———	EXISTING ROAD ———



## **Crescent Point Energy**

**Uintah Co., UT  
Sec.9-T3S-R1E  
Hicken Tribal 16-9-3-1E**

**Wellbore #1**

**Plan: Design #1**

## **Standard Planning Report**

**03 September, 2013**

**CONFIDENTIAL**

# **Archer**



Project: Uintah Co., UT  
 Site: Sec.9-T3S-R1E  
 Well: Hicken Tribal 16-9-3-1E  
 Wellbore: Wellbore #1  
 Design: Design #1  
 Latitude: 40° 13' 52.989 N  
 Longitude: 109° 53' 0.276 W  
 Ground Level: 4932.00  
 WELL @ 4932.00usft



**PROJECT DETAILS: Uintah Co., UT**

Geodetic System: US State Plane 1927 (Exact solution)  
 Datum: NAD 1927 (NADCON CONUS)  
 Ellipsoid: Clarke 1866  
 Zone: Utah Central 4302  
 System Datum: Mean Sea Level

**REFERENCE INFORMATION**

Co-ordinate (N/E) Reference: Well Hicken Tribal 16-9-3-1E, True North  
 Vertical (TVD) Reference: WELL @ 4932.00usft  
 Section (VS) Reference: Slot - (0.00N, 0.00E)  
 Measured Depth Reference: WELL @ 4932.00usft  
 Calculation Method: Minimum Curvature

**WELL DETAILS: Hicken Tribal 16-9-3-1E**

+N/-S	+E/-W	Northing	Ground Level:	4932.00	Latitude	Longitude	Slot
0.00	0.00	695407.436	2451328.774	40° 13' 52.989 N	109° 53' 0.276 W		

**DESIGN TARGET DETAILS**

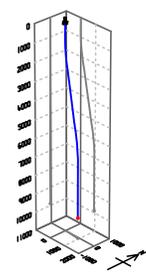
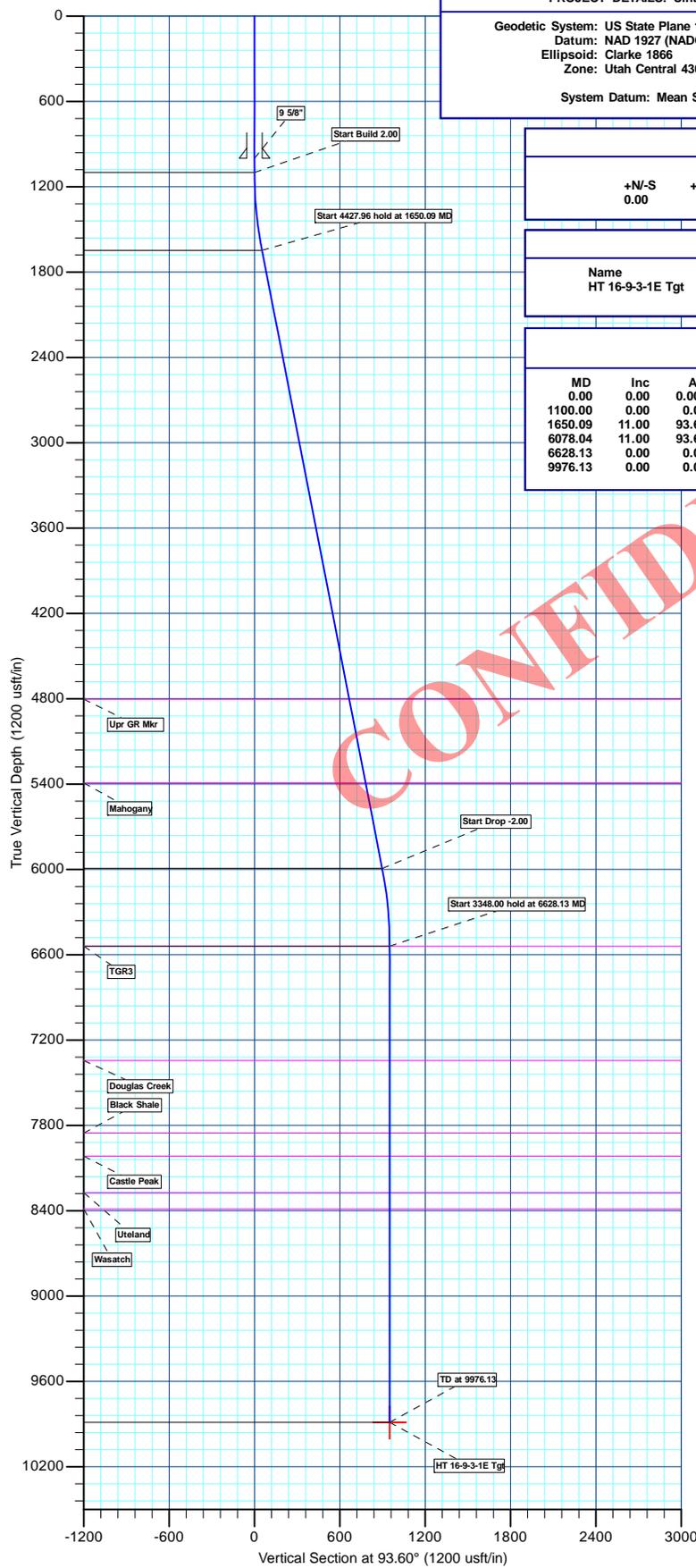
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
HT 16-9-3-1E Tgt	9888.00	-59.71	948.45	40° 13' 52.989 N	109° 52' 48.047 W	Point

**SECTION DETAILS**

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V Sect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	Start 4427.96 hold at 1650.09 MD
1650.09	11.00	93.60	1646.71	-3.31	52.55	2.00	93.60	52.65	Start 4427.96 hold at 1650.09 MD
6078.04	11.00	93.60	5993.29	-56.40	895.90	0.00	0.00	897.67	Start Drop -2.00
6628.13	0.00	0.00	6540.00	-59.71	948.45	2.00	180.00	950.33	Start 3348.00 hold at 6628.13 MD
9976.13	0.00	0.00	9888.00	-59.71	948.45	0.00	0.00	950.33	TD at 9976.13

**FORMATION TOP DETAILS**

TVDPath	MDPath	Formation
4803.00	4865.47	Upr GR Mkr
5392.00	5465.50	Mahogany
6540.00	6628.13	TGR3
7344.00	7432.13	Douglas Creek
7854.00	7942.13	Black Shale
8016.00	8104.13	Castle Peak
8273.00	8361.13	Uteland
8388.00	8476.13	Wasatch

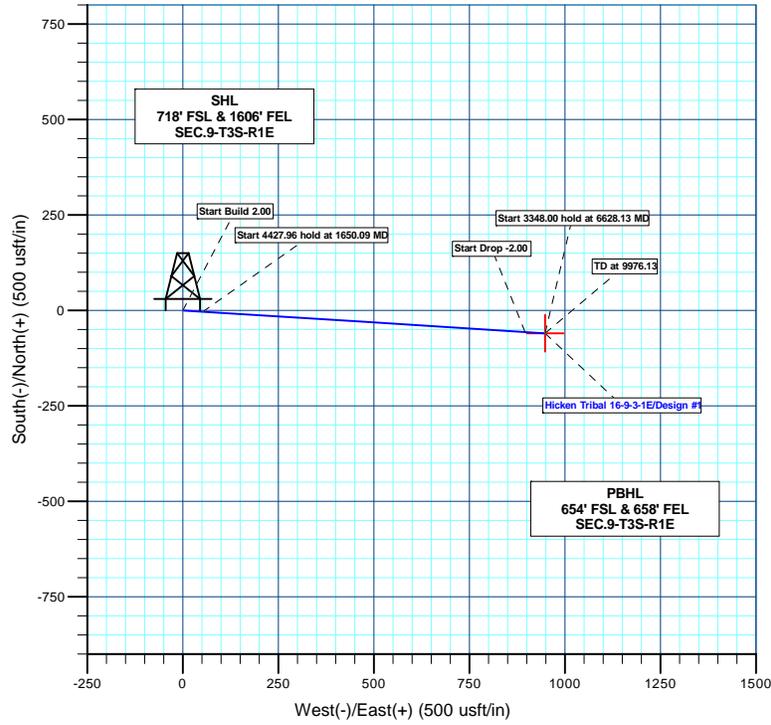


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**FORMATION TOP DETAILS**

TVDPath MDPPath Formation  
 4803.00 4865.47 Upr GR Mkr  
 5392.00 5465.50 Mahogany  
 6540.00 6628.13 TGR3  
 7344.00 7432.13 Douglas Creek  
 7854.00 7942.13 Black Shale  
 8016.00 8104.13 Castle Peak  
 8273.00 8361.13 Uteland  
 8388.00 8476.13 Wasatch

**Magnetic Field**  
 Strength: 52181.5snT  
 Dip Angle: 65.93°  
 Date: 2013/09/03  
 Model: IGRF2010





<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Hicken Tribal 16-9-3-1E
<b>Company:</b>	Crescent Point Energy	<b>TVD Reference:</b>	WELL @ 4932.00usft
<b>Project:</b>	Uintah Co., UT	<b>MD Reference:</b>	WELL @ 4932.00usft
<b>Site:</b>	Sec.9-T3S-R1E	<b>North Reference:</b>	True
<b>Well:</b>	Hicken Tribal 16-9-3-1E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

<b>Project</b>	Uintah Co., UT		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		

<b>Site</b>	Sec.9-T3S-R1E				
<b>Site Position:</b>		<b>Northing:</b>	697,884.635 usft	<b>Latitude:</b>	40° 14' 17.794 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,449,498.674 usft	<b>Longitude:</b>	109° 53' 23.294 W
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13-3/16"	<b>Grid Convergence:</b>	1.03 °

<b>Well</b>	Hicken Tribal 16-9-3-1E					
<b>Well Position</b>	<b>+N-S</b>	-2,509.74 usft	<b>Northing:</b>	695,407.436 usft	<b>Latitude:</b>	40° 13' 52.989 N
	<b>+E-W</b>	1,785.21 usft	<b>Easting:</b>	2,451,328.774 usft	<b>Longitude:</b>	109° 53' 0.276 W
<b>Position Uncertainty</b>		0.00 usft	<b>Wellhead Elevation:</b>	usft	<b>Ground Level:</b>	4,932.00 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	09/03/13	10.98	65.93	52,181

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	9,888.00	0.00	0.00	93.60

<b>Plan Sections</b>										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,650.09	11.00	93.60	1,646.71	-3.31	52.55	2.00	2.00	0.00	93.60	
6,078.04	11.00	93.60	5,993.29	-56.40	895.90	0.00	0.00	0.00	0.00	
6,628.13	0.00	0.00	6,540.00	-59.71	948.45	2.00	-2.00	0.00	180.00	
9,976.13	0.00	0.00	9,888.00	-59.71	948.45	0.00	0.00	0.00	0.00	



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Hicken Tribal 16-9-3-1E
<b>Company:</b>	Crescent Point Energy	<b>TVD Reference:</b>	WELL @ 4932.00usft
<b>Project:</b>	Uintah Co., UT	<b>MD Reference:</b>	WELL @ 4932.00usft
<b>Site:</b>	Sec.9-T3S-R1E	<b>North Reference:</b>	True
<b>Well:</b>	Hicken Tribal 16-9-3-1E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>9 5/8"</b>										
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Start Build 2.00</b>										
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	2.00	93.60	1,199.98	-0.11	1.74	1.75	2.00	2.00	2.00	0.00
1,300.00	4.00	93.60	1,299.84	-0.44	6.96	6.98	2.00	2.00	2.00	0.00
1,400.00	6.00	93.60	1,399.45	-0.99	15.66	15.69	2.00	2.00	2.00	0.00
1,500.00	8.00	93.60	1,498.70	-1.75	27.82	27.88	2.00	2.00	2.00	0.00
1,600.00	10.00	93.60	1,597.47	-2.73	43.44	43.52	2.00	2.00	2.00	0.00
<b>Start 4427.96 hold at 1650.09 MD</b>										
1,650.09	11.00	93.60	1,646.71	-3.31	52.55	52.65	2.00	2.00	2.00	0.00
1,700.00	11.00	93.60	1,695.71	-3.91	62.05	62.18	0.00	0.00	0.00	0.00
1,800.00	11.00	93.60	1,793.87	-5.11	81.10	81.26	0.00	0.00	0.00	0.00
1,900.00	11.00	93.60	1,892.03	-6.31	100.15	100.34	0.00	0.00	0.00	0.00
2,000.00	11.00	93.60	1,990.20	-7.50	119.19	119.43	0.00	0.00	0.00	0.00
2,100.00	11.00	93.60	2,088.36	-8.70	138.24	138.51	0.00	0.00	0.00	0.00
2,200.00	11.00	93.60	2,186.52	-9.90	157.28	157.60	0.00	0.00	0.00	0.00
2,300.00	11.00	93.60	2,284.68	-11.10	176.33	176.68	0.00	0.00	0.00	0.00
2,400.00	11.00	93.60	2,382.84	-12.30	195.38	195.76	0.00	0.00	0.00	0.00
2,500.00	11.00	93.60	2,481.01	-13.50	214.42	214.85	0.00	0.00	0.00	0.00
2,600.00	11.00	93.60	2,579.17	-14.70	233.47	233.93	0.00	0.00	0.00	0.00
2,700.00	11.00	93.60	2,677.33	-15.90	252.51	253.01	0.00	0.00	0.00	0.00
2,800.00	11.00	93.60	2,775.49	-17.10	271.56	272.10	0.00	0.00	0.00	0.00
2,900.00	11.00	93.60	2,873.65	-18.30	290.61	291.18	0.00	0.00	0.00	0.00
3,000.00	11.00	93.60	2,971.82	-19.50	309.65	310.27	0.00	0.00	0.00	0.00
3,100.00	11.00	93.60	3,069.98	-20.69	328.70	329.35	0.00	0.00	0.00	0.00
3,200.00	11.00	93.60	3,168.14	-21.89	347.75	348.43	0.00	0.00	0.00	0.00
3,300.00	11.00	93.60	3,266.30	-23.09	366.79	367.52	0.00	0.00	0.00	0.00
3,400.00	11.00	93.60	3,364.47	-24.29	385.84	386.60	0.00	0.00	0.00	0.00
3,500.00	11.00	93.60	3,462.63	-25.49	404.88	405.69	0.00	0.00	0.00	0.00
3,600.00	11.00	93.60	3,560.79	-26.69	423.93	424.77	0.00	0.00	0.00	0.00
3,700.00	11.00	93.60	3,658.95	-27.89	442.98	443.85	0.00	0.00	0.00	0.00
3,800.00	11.00	93.60	3,757.11	-29.09	462.02	462.94	0.00	0.00	0.00	0.00
3,900.00	11.00	93.60	3,855.28	-30.29	481.07	482.02	0.00	0.00	0.00	0.00
4,000.00	11.00	93.60	3,953.44	-31.49	500.11	501.10	0.00	0.00	0.00	0.00
4,100.00	11.00	93.60	4,051.60	-32.69	519.16	520.19	0.00	0.00	0.00	0.00
4,200.00	11.00	93.60	4,149.76	-33.88	538.21	539.27	0.00	0.00	0.00	0.00
4,300.00	11.00	93.60	4,247.92	-35.08	557.25	558.36	0.00	0.00	0.00	0.00
4,400.00	11.00	93.60	4,346.09	-36.28	576.30	577.44	0.00	0.00	0.00	0.00
4,500.00	11.00	93.60	4,444.25	-37.48	595.35	596.52	0.00	0.00	0.00	0.00
4,600.00	11.00	93.60	4,542.41	-38.68	614.39	615.61	0.00	0.00	0.00	0.00
4,700.00	11.00	93.60	4,640.57	-39.88	633.44	634.69	0.00	0.00	0.00	0.00
4,800.00	11.00	93.60	4,738.74	-41.08	652.48	653.78	0.00	0.00	0.00	0.00



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Hicken Tribal 16-9-3-1E
<b>Company:</b>	Crescent Point Energy	<b>TVD Reference:</b>	WELL @ 4932.00usft
<b>Project:</b>	Uintah Co., UT	<b>MD Reference:</b>	WELL @ 4932.00usft
<b>Site:</b>	Sec.9-T3S-R1E	<b>North Reference:</b>	True
<b>Well:</b>	Hicken Tribal 16-9-3-1E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
<b>Upr GR Mkr</b>										
4,865.47	11.00	93.60	4,803.00	-41.86	664.95	666.27	0.00	0.00	0.00	
4,900.00	11.00	93.60	4,836.90	-42.28	671.53	672.86	0.00	0.00	0.00	
5,000.00	11.00	93.60	4,935.06	-43.48	690.58	691.94	0.00	0.00	0.00	
5,100.00	11.00	93.60	5,033.22	-44.68	709.62	711.03	0.00	0.00	0.00	
5,200.00	11.00	93.60	5,131.38	-45.88	728.67	730.11	0.00	0.00	0.00	
5,300.00	11.00	93.60	5,229.55	-47.08	747.71	749.19	0.00	0.00	0.00	
5,400.00	11.00	93.60	5,327.71	-48.27	766.76	768.28	0.00	0.00	0.00	
<b>Mahogany</b>										
5,465.50	11.00	93.60	5,392.00	-49.06	779.23	780.78	0.00	0.00	0.00	
5,500.00	11.00	93.60	5,425.87	-49.47	785.81	787.36	0.00	0.00	0.00	
5,600.00	11.00	93.60	5,524.03	-50.67	804.85	806.45	0.00	0.00	0.00	
5,700.00	11.00	93.60	5,622.19	-51.87	823.90	825.53	0.00	0.00	0.00	
5,800.00	11.00	93.60	5,720.36	-53.07	842.94	844.61	0.00	0.00	0.00	
5,900.00	11.00	93.60	5,818.52	-54.27	861.99	863.70	0.00	0.00	0.00	
6,000.00	11.00	93.60	5,916.68	-55.47	881.04	882.78	0.00	0.00	0.00	
<b>Start Drop -2.00</b>										
6,078.04	11.00	93.60	5,993.29	-56.40	895.90	897.67	0.00	0.00	0.00	
6,100.00	10.56	93.60	6,014.86	-56.66	900.00	901.78	2.00	-2.00	0.00	
6,200.00	8.56	93.60	6,113.46	-57.71	916.58	918.39	2.00	-2.00	0.00	
6,300.00	6.56	93.60	6,212.59	-58.53	929.71	931.55	2.00	-2.00	0.00	
6,400.00	4.56	93.60	6,312.11	-59.14	939.39	941.25	2.00	-2.00	0.00	
6,500.00	2.56	93.60	6,411.92	-59.53	945.59	947.46	2.00	-2.00	0.00	
6,600.00	0.56	93.60	6,511.87	-59.70	948.31	950.19	2.00	-2.00	0.00	
<b>Start 3348.00 hold at 6628.13 MD - TGR3</b>										
6,628.13	0.00	0.00	6,540.00	-59.71	948.45	950.33	2.00	-2.00	0.00	
6,700.00	0.00	0.00	6,611.87	-59.71	948.45	950.33	0.00	0.00	0.00	
6,800.00	0.00	0.00	6,711.87	-59.71	948.45	950.33	0.00	0.00	0.00	
6,900.00	0.00	0.00	6,811.87	-59.71	948.45	950.33	0.00	0.00	0.00	
7,000.00	0.00	0.00	6,911.87	-59.71	948.45	950.33	0.00	0.00	0.00	
7,100.00	0.00	0.00	7,011.87	-59.71	948.45	950.33	0.00	0.00	0.00	
7,200.00	0.00	0.00	7,111.87	-59.71	948.45	950.33	0.00	0.00	0.00	
7,300.00	0.00	0.00	7,211.87	-59.71	948.45	950.33	0.00	0.00	0.00	
7,400.00	0.00	0.00	7,311.87	-59.71	948.45	950.33	0.00	0.00	0.00	
<b>Douglas Creek</b>										
7,432.13	0.00	0.00	7,344.00	-59.71	948.45	950.33	0.00	0.00	0.00	
7,500.00	0.00	0.00	7,411.87	-59.71	948.45	950.33	0.00	0.00	0.00	
7,600.00	0.00	0.00	7,511.87	-59.71	948.45	950.33	0.00	0.00	0.00	
7,700.00	0.00	0.00	7,611.87	-59.71	948.45	950.33	0.00	0.00	0.00	
7,800.00	0.00	0.00	7,711.87	-59.71	948.45	950.33	0.00	0.00	0.00	
7,900.00	0.00	0.00	7,811.87	-59.71	948.45	950.33	0.00	0.00	0.00	
<b>Black Shale</b>										
7,942.13	0.00	0.00	7,854.00	-59.71	948.45	950.33	0.00	0.00	0.00	
8,000.00	0.00	0.00	7,911.87	-59.71	948.45	950.33	0.00	0.00	0.00	
8,100.00	0.00	0.00	8,011.87	-59.71	948.45	950.33	0.00	0.00	0.00	
<b>Castle Peak</b>										
8,104.13	0.00	0.00	8,016.00	-59.71	948.45	950.33	0.00	0.00	0.00	
8,200.00	0.00	0.00	8,111.87	-59.71	948.45	950.33	0.00	0.00	0.00	
8,300.00	0.00	0.00	8,211.87	-59.71	948.45	950.33	0.00	0.00	0.00	
<b>Uteland</b>										
8,361.13	0.00	0.00	8,273.00	-59.71	948.45	950.33	0.00	0.00	0.00	
8,400.00	0.00	0.00	8,311.87	-59.71	948.45	950.33	0.00	0.00	0.00	
<b>Wasatch</b>										



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Hicken Tribal 16-9-3-1E
<b>Company:</b>	Crescent Point Energy	<b>TVD Reference:</b>	WELL @ 4932.00usft
<b>Project:</b>	Uintah Co., UT	<b>MD Reference:</b>	WELL @ 4932.00usft
<b>Site:</b>	Sec.9-T3S-R1E	<b>North Reference:</b>	True
<b>Well:</b>	Hicken Tribal 16-9-3-1E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,476.13	0.00	0.00	8,388.00	-59.71	948.45	950.33	0.00	0.00	0.00	
8,500.00	0.00	0.00	8,411.87	-59.71	948.45	950.33	0.00	0.00	0.00	
8,600.00	0.00	0.00	8,511.87	-59.71	948.45	950.33	0.00	0.00	0.00	
8,700.00	0.00	0.00	8,611.87	-59.71	948.45	950.33	0.00	0.00	0.00	
8,800.00	0.00	0.00	8,711.87	-59.71	948.45	950.33	0.00	0.00	0.00	
8,900.00	0.00	0.00	8,811.87	-59.71	948.45	950.33	0.00	0.00	0.00	
9,000.00	0.00	0.00	8,911.87	-59.71	948.45	950.33	0.00	0.00	0.00	
9,100.00	0.00	0.00	9,011.87	-59.71	948.45	950.33	0.00	0.00	0.00	
9,200.00	0.00	0.00	9,111.87	-59.71	948.45	950.33	0.00	0.00	0.00	
9,300.00	0.00	0.00	9,211.87	-59.71	948.45	950.33	0.00	0.00	0.00	
9,400.00	0.00	0.00	9,311.87	-59.71	948.45	950.33	0.00	0.00	0.00	
9,500.00	0.00	0.00	9,411.87	-59.71	948.45	950.33	0.00	0.00	0.00	
9,600.00	0.00	0.00	9,511.87	-59.71	948.45	950.33	0.00	0.00	0.00	
9,700.00	0.00	0.00	9,611.87	-59.71	948.45	950.33	0.00	0.00	0.00	
9,800.00	0.00	0.00	9,711.87	-59.71	948.45	950.33	0.00	0.00	0.00	
9,900.00	0.00	0.00	9,811.87	-59.71	948.45	950.33	0.00	0.00	0.00	
<b>TD at 9976.13 - HT 16-9-3-1E Tgt</b>										
9,976.13	0.00	0.00	9,888.00	-59.71	948.45	950.33	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
HT 16-9-3-1E Tgt	0.00	0.00	9,888.00	-59.71	948.45	695,364.874	2,452,278.146	40° 13' 52.399 N	109° 52' 48.047 W	
- hit/miss target										
- Shape										
- plan hits target center										
- Point										

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,000.00	1,000.00	9 5/8"	9-5/8	12-1/4	

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,865.47	4,803.00	Upr GR Mkr		0.00		
5,465.50	5,392.00	Mahogany		0.00		
6,628.13	6,540.00	TGR3		0.00		
7,432.13	7,344.00	Douglas Creek		0.00		
7,942.13	7,854.00	Black Shale		0.00		
8,104.13	8,016.00	Castle Peak		0.00		
8,361.13	8,273.00	Uteland		0.00		
8,476.13	8,388.00	Wasatch		0.00		



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Hicken Tribal 16-9-3-1E
<b>Company:</b>	Crescent Point Energy	<b>TVD Reference:</b>	WELL @ 4932.00usft
<b>Project:</b>	Uintah Co., UT	<b>MD Reference:</b>	WELL @ 4932.00usft
<b>Site:</b>	Sec.9-T3S-R1E	<b>North Reference:</b>	True
<b>Well:</b>	Hicken Tribal 16-9-3-1E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,100.00	1,100.00	0.00	0.00	Start Build 2.00
1,650.09	1,646.71	-3.31	52.55	Start 4427.96 hold at 1650.09 MD
6,078.04	5,993.29	-56.40	895.90	Start Drop -2.00
6,628.13	6,540.00	-59.71	948.45	Start 3348.00 hold at 6628.13 MD
9,976.13	9,888.00	-59.71	948.45	TD at 9976.13

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**MEMORANDUM of SURFACE USE AGREEMENT AND GRANT OF EASEMENTS**

Anthony Baldwin is Manager of Land and Business Development for Crescent Point Energy U.S. Corp., authorized to do business in Utah (hereinafter referred to as "Crescent Point"). Crescent Point 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 February 11, 2013 has been entered into by and between Donald E. Hicken and Lhea H. Hicken, Trustees of the Donald E. Hicken Family Trust, dated the 2 day of July, 1984, whose address is 692 E. 300 N., Roosevelt, UT 84066 ("Owner") and Crescent Point Energy U.S. Corp., whose address is 555 17<sup>th</sup> Street, Suite 750, 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**

- 15-001-0002 Section 1: Lots 3 and 4 (being the N2NW), S2NW
- 15-002-0001 Section 2: Lot 3 (being the NENE), SENE
- 15-002-0002
- 15-003-0006 Section 3: E2SE
- 15-003-0003
- 15-009-0005 Section 9: SESW, W2SE, Lots 3 and 4 (being the E2SE)
- 15-009-0006
- 15-010-0002 Section 10: Beginning at the Northwest Corner Northeast Quarter Northeast Quarter, thence East 260 feet; thence South 36 feet; thence West 260 feet; Thence North 36 feet to the point of beginning.

**Township 3 South, Range 2 East, USM**

- 15-037-0002 Section 6: Lots 2 & 3 (being the N2NE), S2NE, SE, Lot 5 (being the SWNW)  
0003  
0004  
Lot 7 (being the SESW), SENW, and Lots 4 and 8 (being the N2NW)  
SAVE AND EXCEPT  
That portion south of the centerline of the Henry Jim Canal located in the South half of the Northwest quarter
- 15-038-0001 Section 7: Lots 5 and 6 (being the N2NE)

WHEREAS, for an agreed upon monetary consideration, Operator may construct the necessary well site pads ("Well Pads") for drilling, completion, re-completion, reworking, re-entry, production, maintenance and operation of oil and gas wells on the Property. Crescent Point, its agents, employees, assigns, contractors and subcontractors, may enter upon and use the Well Pads

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Entry 2013004587  
Book 1331 Page 296-297 \$18.00  
09-MAY-13 02:16  
RANDY SIMMONS  
RECORDER, UINTAH COUNTY, UTAH  
CRESCENT POINT ENERGY  
555 17TH STREET STE 750 DENVER CO 8  
Rec By: HEATHER COON, DEPUTY

for the purposes of drilling, completing, producing, maintaining, and operating wells to produce oil, gas and associated hydrocarbons, including the construction and use of frac pits, tank batteries, water disposal pits, production equipment, compressor sites and other facilities used to produce and market oil, gas and associated hydrocarbons.

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

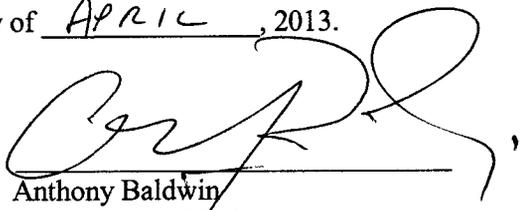
WHEREAS, Operator has the right to a non-exclusive pipeline easement to construct, maintain, inspect, operate and repair a pipeline or pipelines, pigging facilities and related appurtenances for the transportation of oil, gas, petroleum products, water and any other substances recovered during oil and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

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

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

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

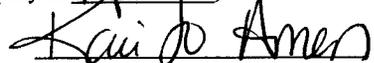
This Memorandum is executed this 16<sup>th</sup> day of APRIL, 2013.

**CONFIDENTIAL**  
  
Anthony Baldwin  
Manager, Land and Business Development

ACKNOWLEDGEMENT

STATE OF COLORADO )  
                                  ) ss  
COUNTY OF DENVER )

The foregoing instrument was acknowledged before me by Anthony Baldwin, Manager, Land and Business Development for Crescent Point Energy U.S. Corp. this 16<sup>th</sup> day of APRIL, 2013.

  
Notary Public

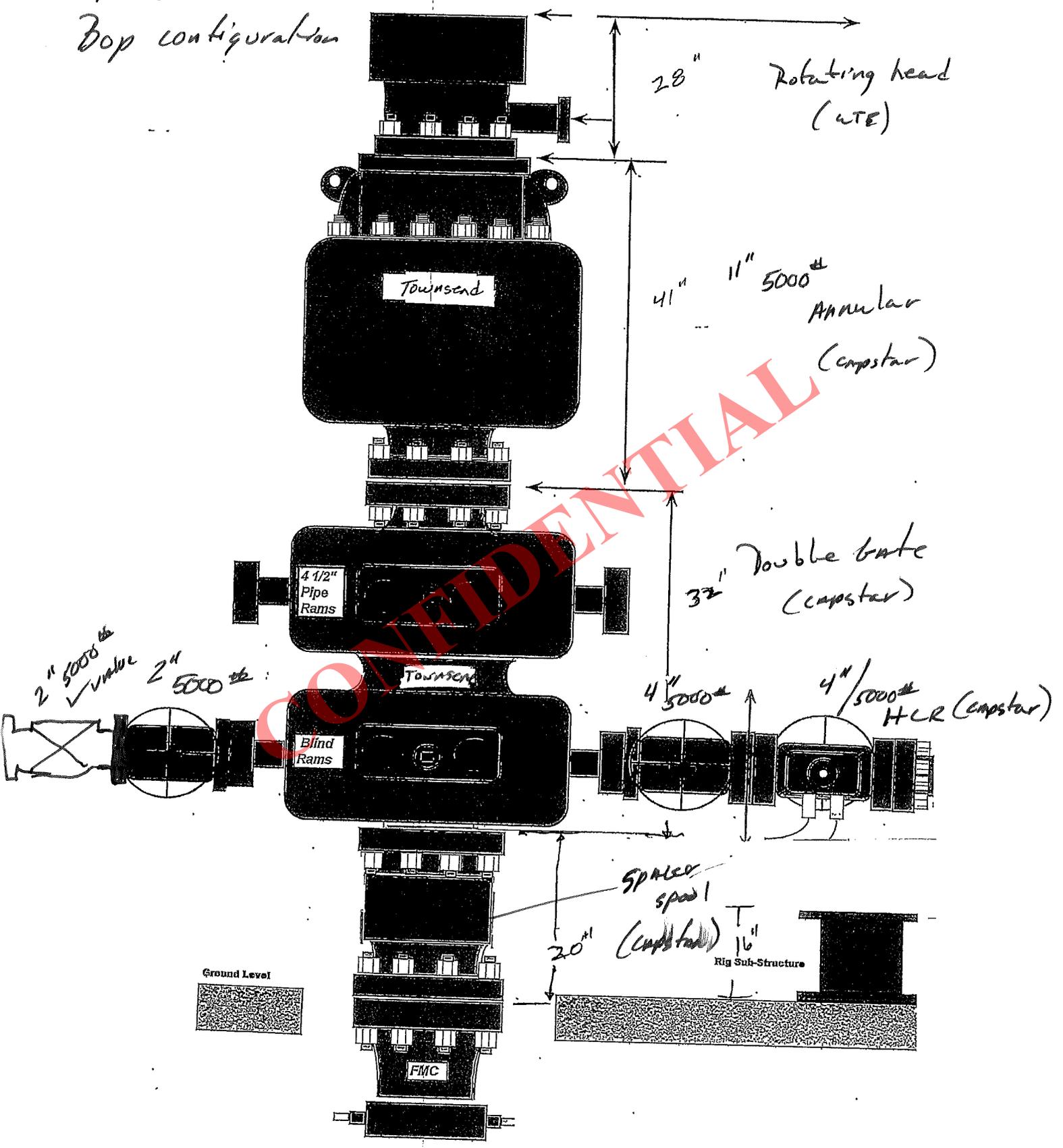
Notary Seal:

**KARI JO AMEN  
NOTARY PUBLIC  
STATE OF COLORADO  
NOTARY ID 20104034367**

My Commission expires 9-15-14 **COMMISSION EXPIRES SEPTEMBER 15, 2014**  
Date

11" 5000#

Top configuration



28" Rotating head (WTE)

41" 11" 5000# Annular (capstar)

32" Double gate (capstar)

4" 5000# 4" 5000# HCR (capstar)

20" spacer spool (capstar)

Rig Sub-Structure

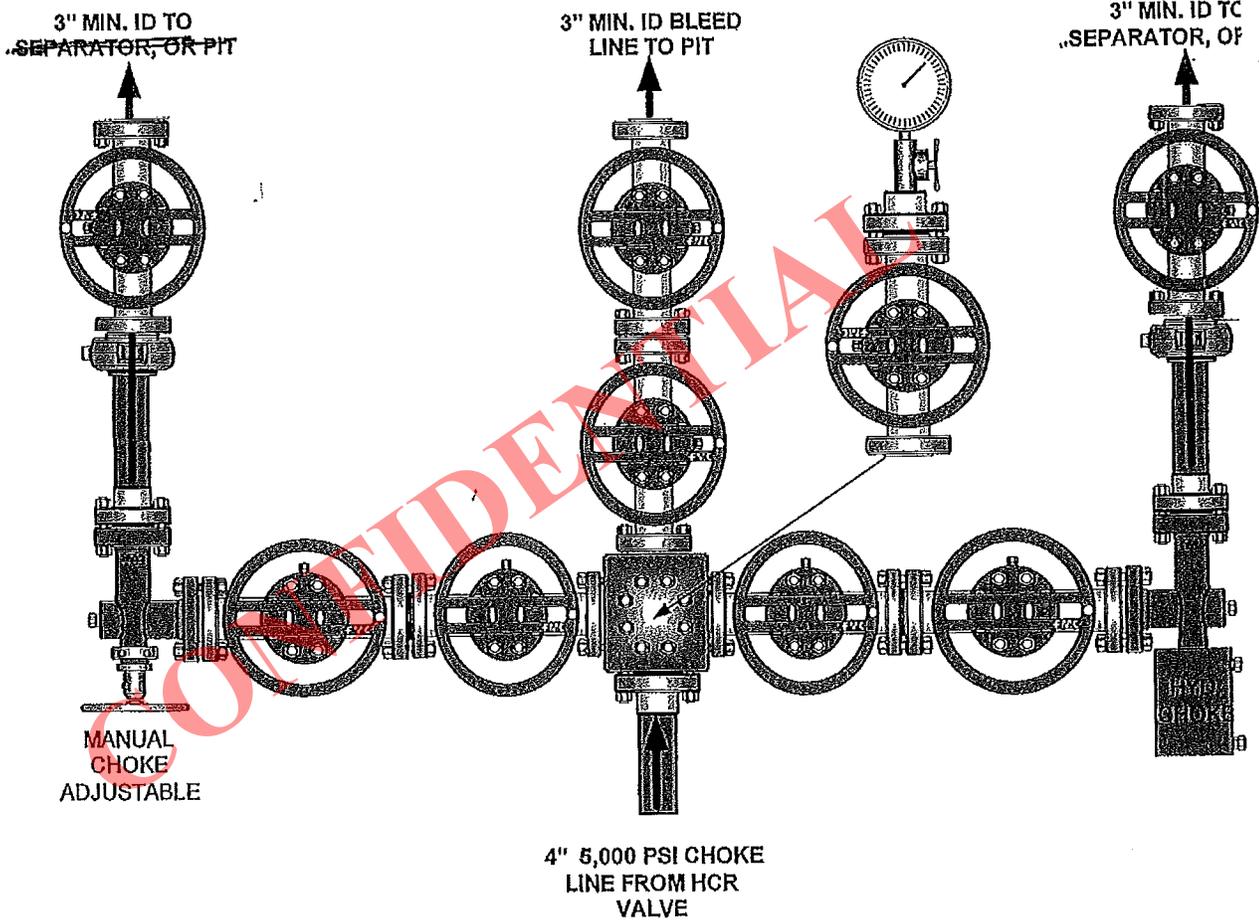
Ground Level

FMC

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2" 5000 lb valve 2" 5000 lb

*Capstar* CHOKE MANIFOLD CONFIGURATION  
W/ 5,000 PSI WP VALVES



555 17<sup>th</sup> Street, Suite 750  
Denver, CO 80202  
Phone: (720) 880-3610



September 23, 2013

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

**RE: Directional Drilling R649-3-11  
Hicken Tribal 16-9-3-1E  
SHL: 718' FSL & 1,606' FEL  
BHL: 654' FSL & 658' FEL  
Uintah County, Utah**

Dear Ms. Mason:

Pursuant to the filing of Crescent Point Energy U.S. Corp's (Crescent Point) Application for Permit to Drill regarding the above referenced well on September 23, 2013, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

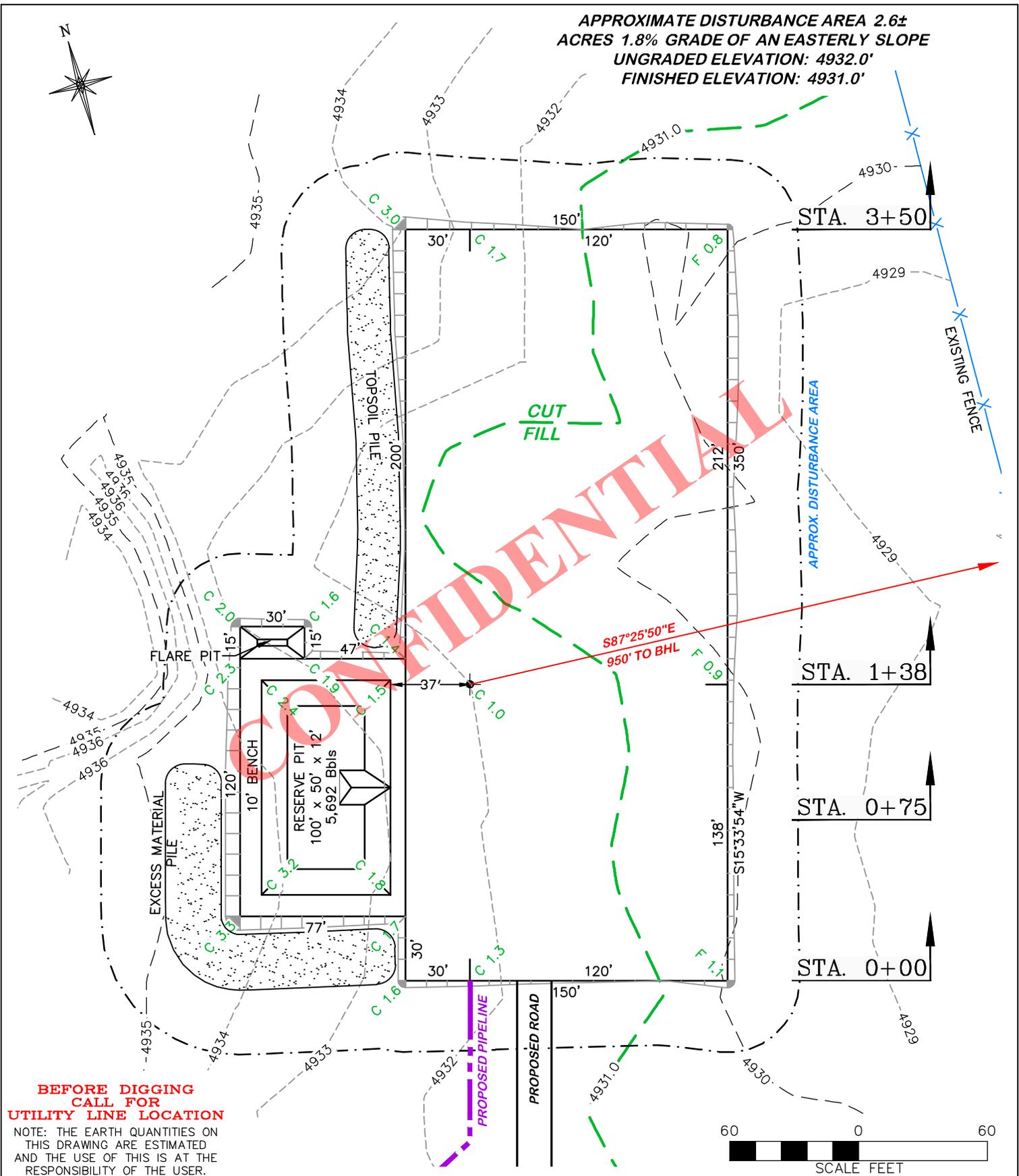
- Crescent Point is permitting the Hicken Tribal 16-9-3-1E as a directional well. The surface location was moved outside the legal window from the center of the quarter quarter at the preference of the surface owner and to minimize damages and impacts to crops.
- Furthermore, Crescent Point hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore (EDA # 14-20-H62-6288).

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

Sincerely,

Lori Browne  
Senior Regulatory Specialist

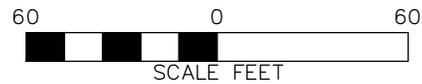
RECEIVED: September 27, 2013



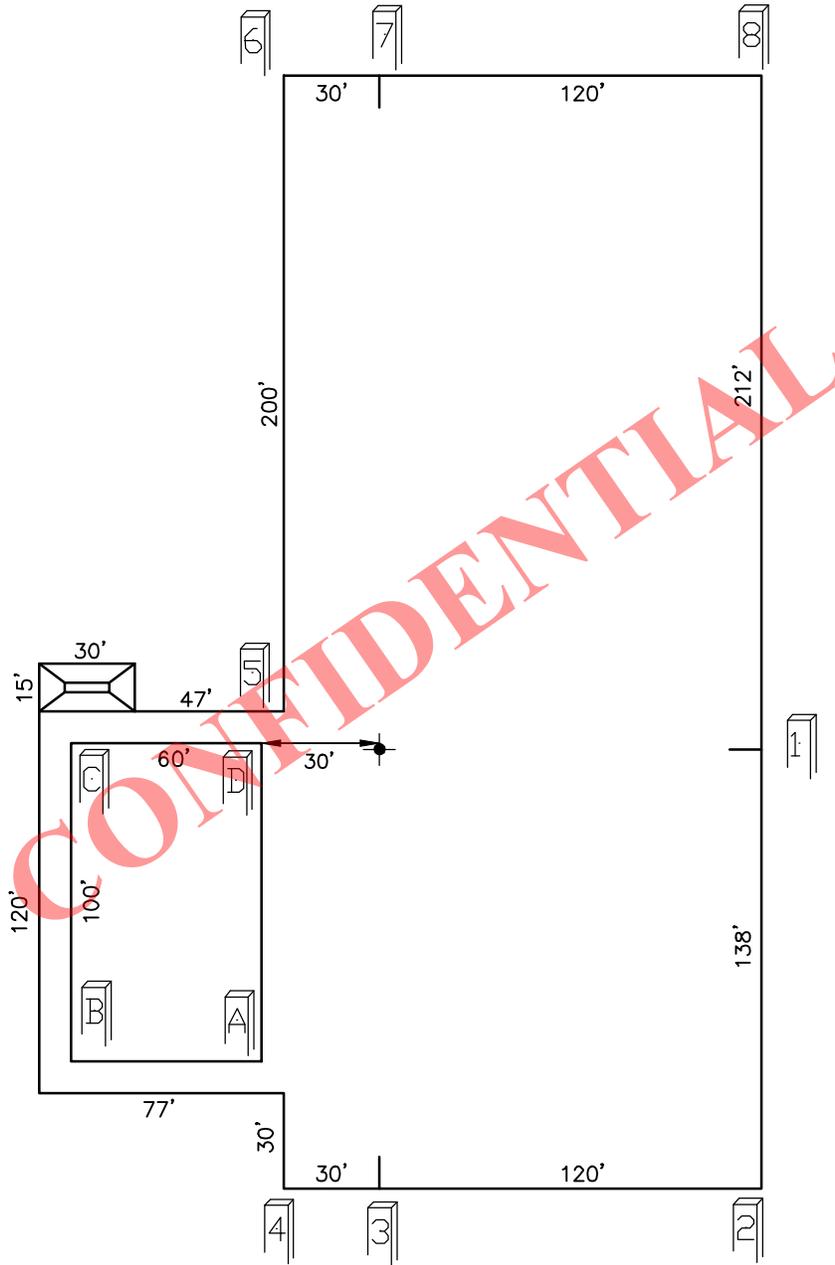
APPROXIMATE DISTURBANCE AREA 2.6±  
ACRES 1.8% GRADE OF AN EASTERLY SLOPE  
UNGRADED ELEVATION: 4932.0'  
FINISHED ELEVATION: 4931.0'

**BEFORE DIGGING  
CALL FOR  
UTILITY LINE LOCATION**

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

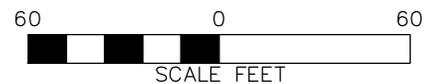


<p><b>DRG RIFFIN &amp; ASSOCIATES, INC.</b> (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901</p>		<p><b>CRESCENT POINT ENERGY HICKEN TRIBAL 16-9-3-1E SECTION 9, T.3 S., R.1 E.</b></p>	
<p>DRAWN: 6/12/2013 - TCM</p>		<p>SCALE: 1" = 60'</p>	
<p>REVISED: N/A -</p>		<p>DRG JOB No. 19844</p>	
<p>FIGURE 1</p>		<p>UNGRADED ELEVATION: 4932.0' FINISHED ELEVATION: 4931.0'</p>	



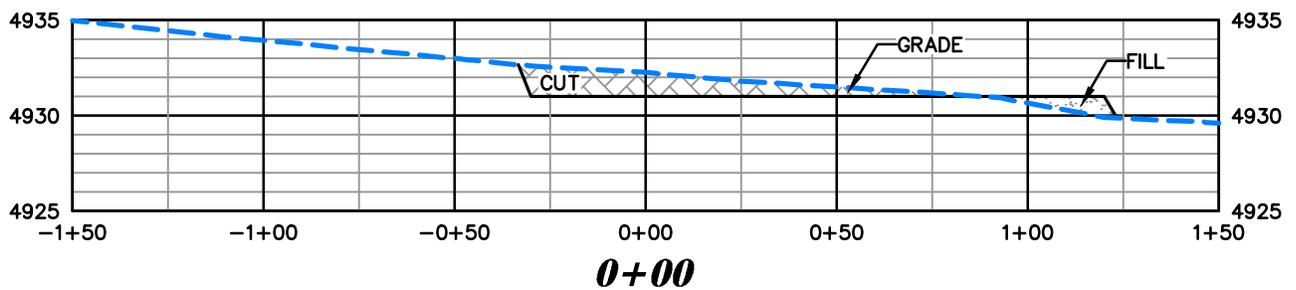
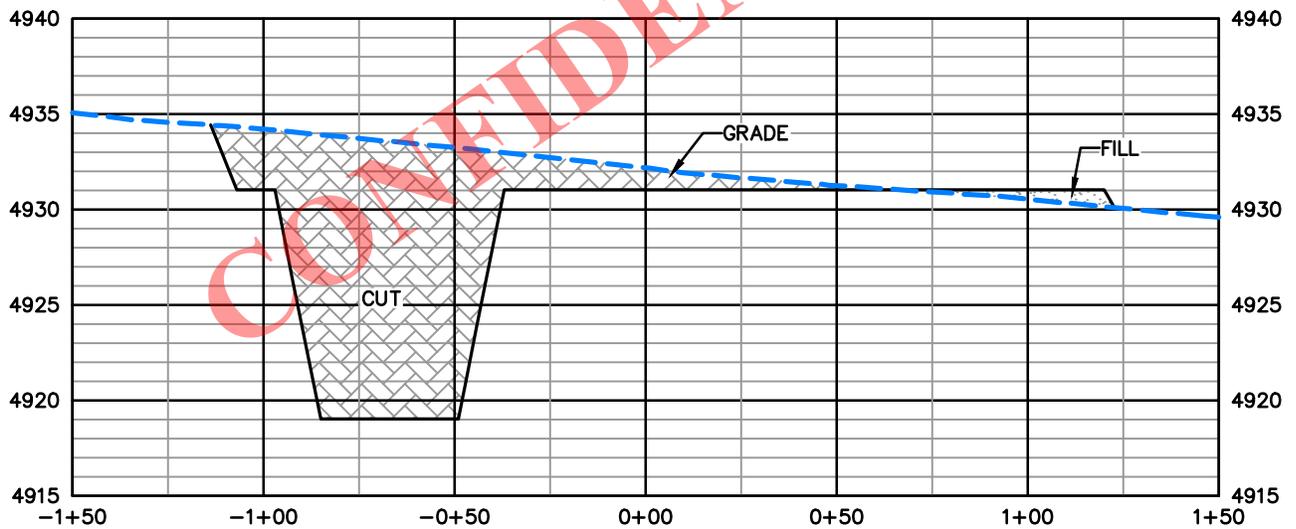
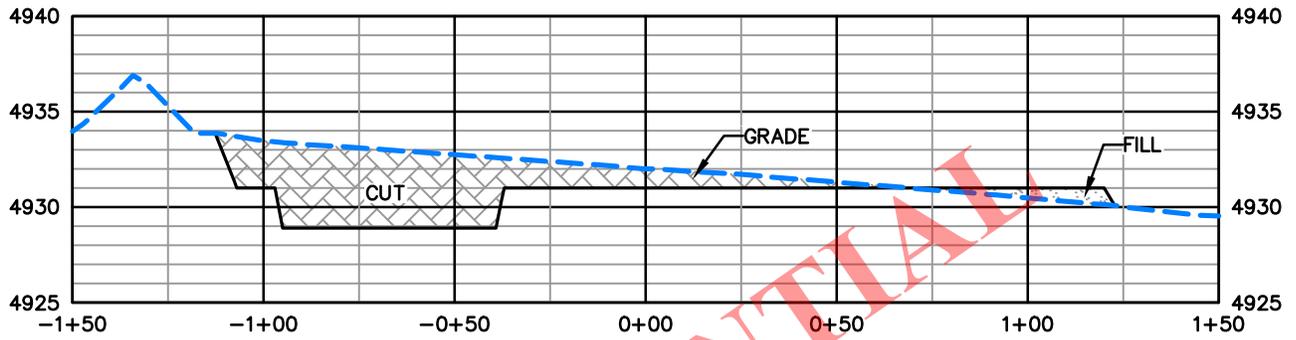
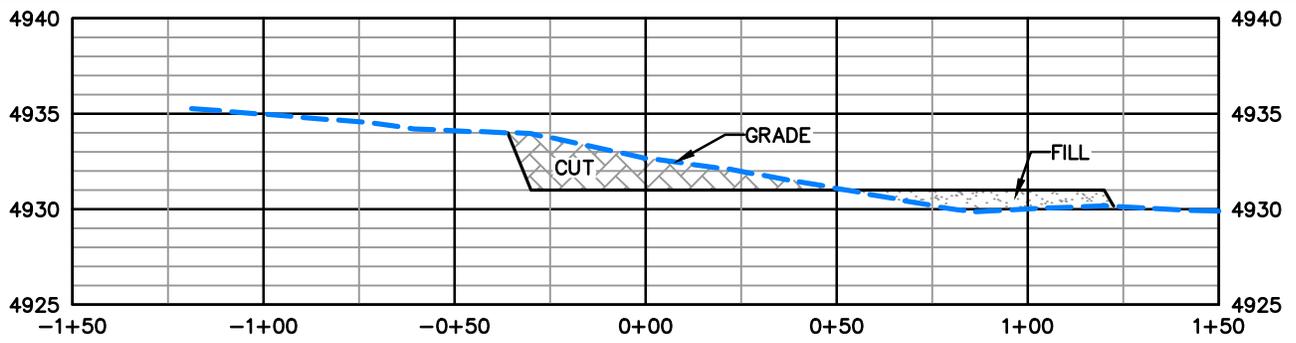
**BEFORE DIGGING  
CALL FOR  
UTILITY LINE LOCATION**

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



 <b>DRG RIFFIN &amp; ASSOCIATES, INC.</b> (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901	
DRAWN: 6/12/2013 - TCM	SCALE: 1" = 60'
REVISED: N/A - .	DRG JOB No. 19844
	FIGURE 1A

<p align="center"><b>PAD LAYOUT CRESCENT POINT ENERGY HICKEN TRIBAL 16-9-3-1E SECTION 9, T. 3 S., R. 1 E.</b></p> <p align="center">UNGRADED ELEVATION: 4932.0' FINISHED ELEVATION: 4931.0'</p>
---



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

**CRESCENT POINT ENERGY  
 HICKEN TRIBAL 16-9-3-1E  
 SECTION 9, T. 3 S., R. 1 E.**

DRAWN: 6/12/2013 - TCM

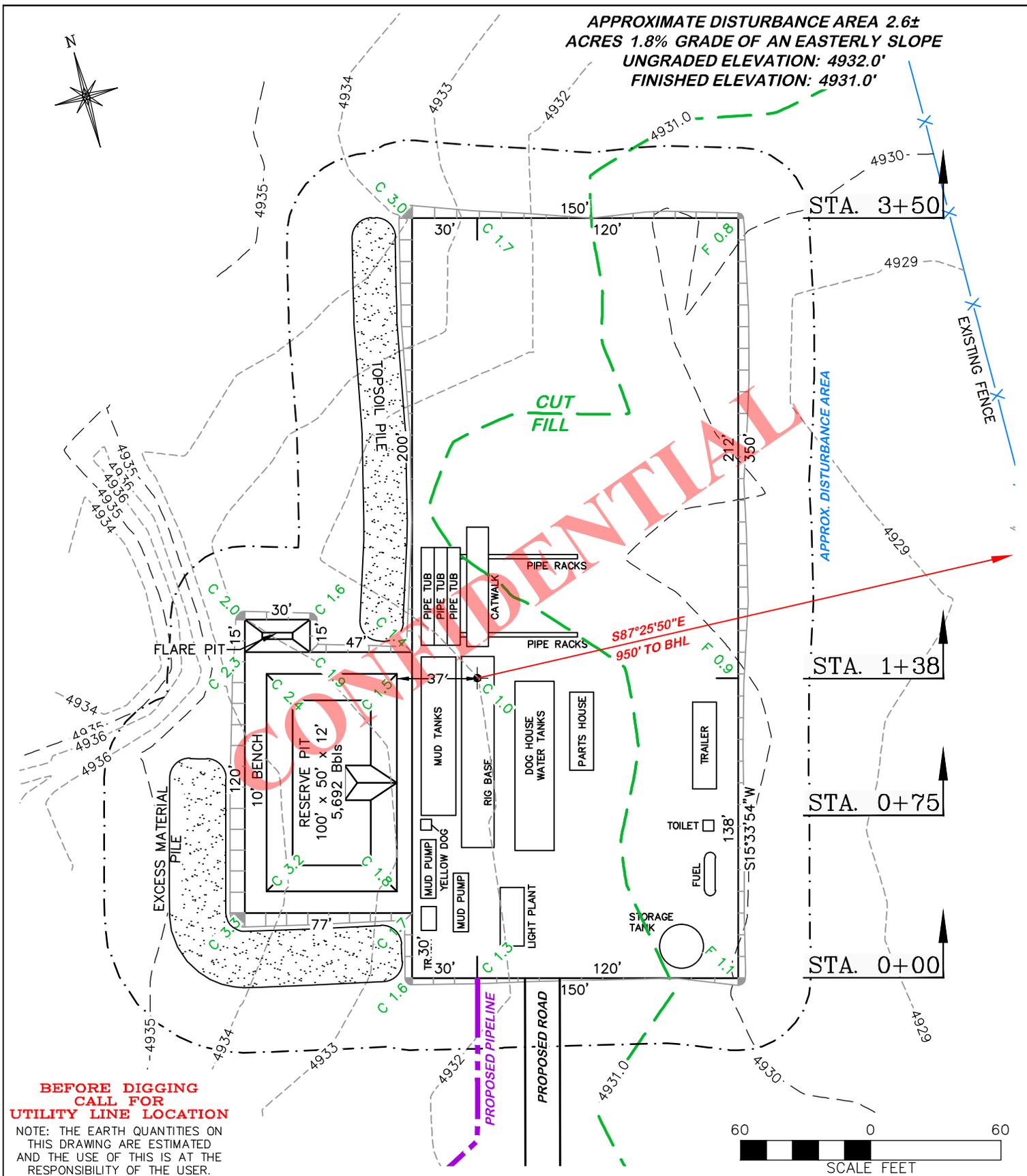
SCALE: HORZ 1" = 50' VERT 1" = 10'

REVISED: N/A - .

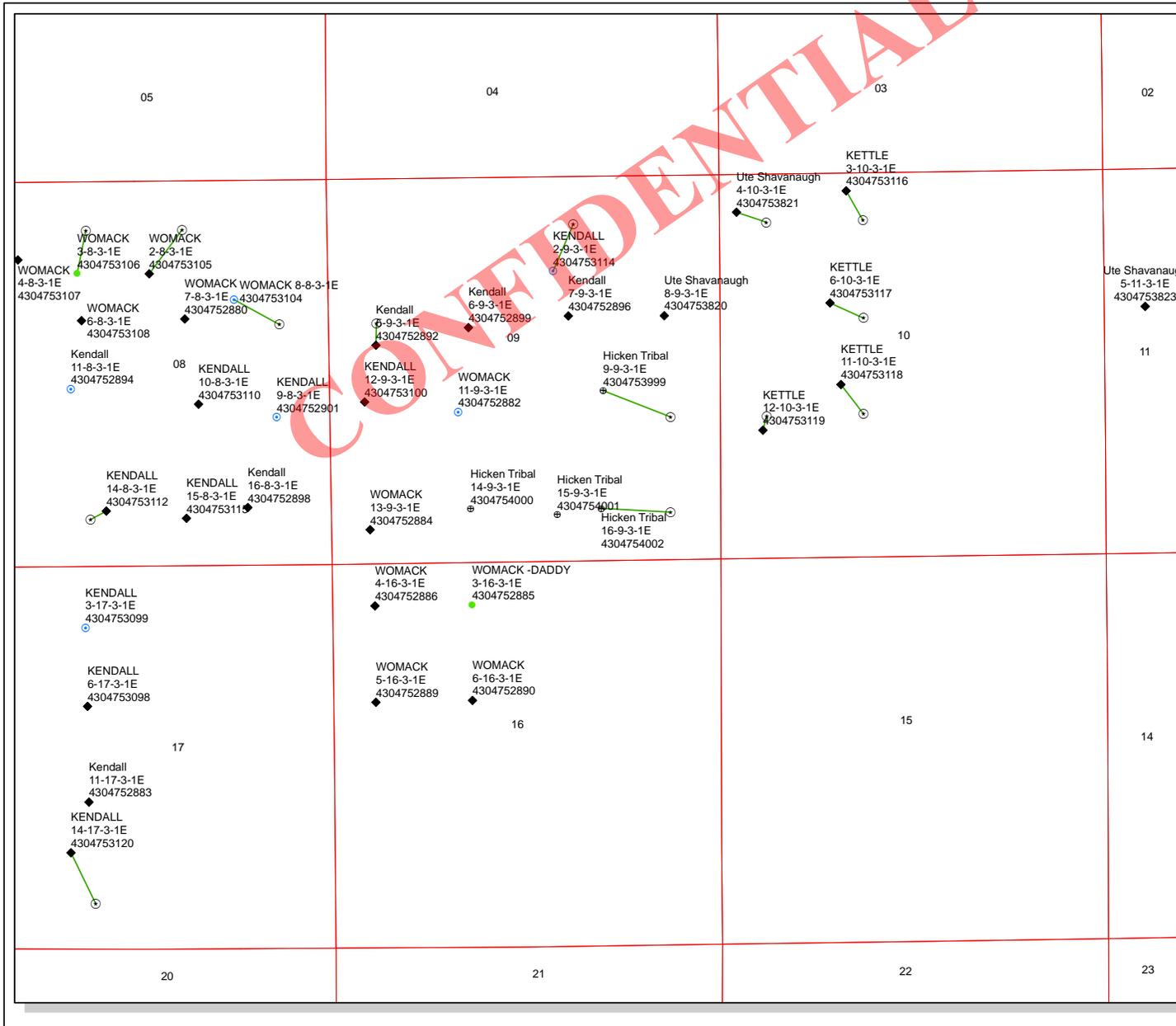
DRG JOB No. 19844

FIGURE 2

UNGRADED ELEVATION: 4932.0'  
 FINISHED ELEVATION: 4931.0'



<p><b>DRG RIFFIN &amp; ASSOCIATES, INC.</b> (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901</p>		<p><b>CRESCENT POINT ENERGY HICKEN TRIBAL 16-9-3-1E SECTION 9, T.3 S., R.1 E.</b></p>			
		<p><b>ESTIMATED EARTHWORK</b></p>			
<p>DRAWN: 6/12/2013 - TCM</p>	<p>SCALE: 1" = 60'</p>	<p>ITEM</p>	<p>CUT</p>	<p>FILL</p>	<p>TOPSOIL</p>
<p>REVISED: N/A -</p>	<p>DRG JOB No. 19844</p>	<p>PAD</p>	<p>1,777 CY</p>	<p>618 CY</p>	<p>1,152 CY</p>
<p>FIGURE 3</p>		<p>PIT</p>	<p>1,941 CY</p>		<p>1,941 CY</p>
		<p><b>TOTALS</b></p>	<p><b>3,718 CY</b></p>	<p><b>618 CY</b></p>	<p><b>1,152 CY</b></p>



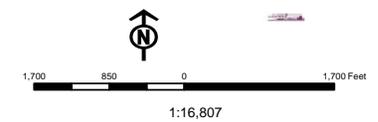
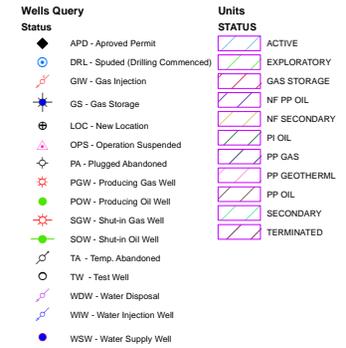
API Number: 4304754002

Well Name: Hicken Tribal 16-9-3-1E

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

Operator: CRESCENT POINT ENERGY U.S. CORP

Map Prepared: 10/2/2013  
Map Produced by Diana Mason



# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** CRESCENT POINT ENERGY U.S. CORP  
**Well Name** Hicken Tribal 16-9-3-1E  
**API Number** 43047540020000      **APD No** 8598      **Field/Unit** WILDCAT  
**Location: 1/4,1/4 SWSE Sec 9 Tw 3.0S Rng 1.0E 718 FSL 1606 FEL**  
**GPS Coord (UTM)** 594928 4454035      **Surface Owner** Donald Hicken

### Participants

Ted Smith-DOGM, Charles MacDonald-BLM, Shawn Rhodes, Lori Browne, Lauren MacMillan, Emily DeGrasse-Crescent Point Energy, Don Hamilton Star Point Enterprises, Mark Hecksel-D.R.Griffin and Associates, Don Hicken- Landowner

### Regional/Local Setting & Topography

The general area is on Windy Ridge, which is located about 4.5 miles southwest of Ft. Duchesne, Uintah County, Utah. Rolling hills with low growing desert shrub type vegetation characterize Windy Ridge. A few rolling hills and slopes leading to the Duchesne River. No springs, seeps or flowing streams are known to occur in the area. The Duchesne River is approximately 1.5 miles to the south. All lands in the immediate are privately owned. Ute Tribal lands lie to the north, east, south, and west.

Access to the proposed well site is either by State Of Utah or Uintah County roads and existing or proposed oilfield development roads. Distance from Roosevelt, Utah is approximately 5 miles. Approximately 0.6 miles of low standard new road will be constructed to reach the location using multiple culverts along the access road.

The proposed Hicken Tribal 16-9-3-1E oil well surface and minerals are privately owned. Don Hicken owns the surface. Mr. Hicken was contacted by telephone and invited to attend the pre-site visit. Don relayed no concerns. A surface use agreement has been completed. The location appears to be a good site for constructing a pad, drilling and operating a well.

### Surface Use Plan

#### **Current Surface Use**

Grazing  
Wildlfe Habitat

<b>New Road Miles</b>	<b>Well Pad</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
0.6	<b>Width 150 Length 400</b>	Onsite	ALLU

**Ancillary Facilities** N

**Waste Management Plan Adequate?** Y

### Environmental Parameters

**Affected Floodplains and/or Wetlands** N

**Flora / Fauna**

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

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

**Soil Type and Characteristics**

Soils are a deep sandy loam with little rock.

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diverson Required?** Y

**Berm Required?** Y

**Erosion Sedimentation Control Required?** N

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

**Reserve Pit**

<b>Site-Specific Factors</b>		<b>Site Ranking</b>
<b>Distance to Groundwater (feet)</b>	>200	0
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	>1320	0
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>		0
<b>Affected Populations</b>		
<b>Presence Nearby Utility Conduits</b>	Unknown	10
	<b>Final Score</b>	25    3 Sensitivity Level

**Characteristics / Requirements**

One 100' x 50' x 12' deep reserve pit is planned in a cut on the southwest corner of the location. A liner with a minimum thickness of 16-mils is required. A sub-liner may not be needed because of the lack of rock in the area. But operator says will install underlayment. Flare pit 15' x 30' x 5'

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

**Other Observations / Comments**

Don Hicken was contacted by telephone and invited to attend the pre-site visit. Don attended and had no issues with this location.

Ted Smith  
**Evaluator**

10/30/2013  
**Date / Time**

**CONFIDENTIAL**

# 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
8598	43047540020000	LOCKED	OW	P No
<b>Operator</b>	CRESCENT POINT ENERGY U.S. CORP		<b>Surface Owner-APD</b>	Donald Hicken
<b>Well Name</b>	Hicken Tribal 16-9-3-1E		<b>Unit</b>	
<b>Field</b>	WILDCAT		<b>Type of Work</b>	DRILL
<b>Location</b>	SWSE 9 3S 1E U 718 FSL 1606 FEL GPS Coord (UTM) 594935E 4454033N			

### Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill  
APD Evaluator

12/18/2013  
Date / Time

### Surface Statement of Basis

The general area is on Windy Ridge, which is located about 4 miles southeast of Ft. Duchesne, Uintah County, Utah. Rolling with low growing desert shrub type vegetation characterize Windy Ridge. A few rolling hills and slopes leading to the Duchesne. No springs, seeps or flowing streams are known to occur in the area. The Duchesne River is approximately 1.5 miles to the south. All lands in the immediate area are privately owned. Ute Tribal lands lie to the north, south, east, and west.

Access to the proposed well site is either by State Of Utah or Uintah County roads and existing or proposed oilfield development roads. Distance from Roosevelt, Utah is approximately 5 miles. Approximately 0.6 miles of low standard new road will be constructed to reach the location using multiple culverts along the road access.

The proposed Hicken Tribal 16-9-3-1E oil well surface and minerals are privately owned. Don Hicken owns the surface. Mr. Hicken was contacted by telephone and invited to attend the pre-site visit. Don relayed no concerns. A surface use agreement has been completed. The location appears to be a good site for constructing a pad, drilling and operating a well.

The original well location was in Mr. Hickens field. He did not want it to be there so Cresent moved it to the 15-9-3-1E pad location and is located 75 feet NE of the 15-9-3-1E well.

Ted Smith  
Onsite Evaluator

10/30/2013  
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.
Pits	The reserve pit should be located on the south side of the location.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 9/27/2013

API NO. ASSIGNED: 43047540020000

WELL NAME: Hicken Tribal 16-9-3-1E

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

PHONE NUMBER: 720 880-3644

CONTACT: Emily Kate DeGrasse

PROPOSED LOCATION: SWSE 09 030S 010E

Permit Tech Review: 

SURFACE: 0718 FSL 1606 FEL

Engineering Review: 

BOTTOM: 0654 FSL 0658 FEL

Geology Review: 

COUNTY: UINTAH

LATITUDE: 40.23135

LONGITUDE: -109.88406

UTM SURF EASTINGS: 594935.00

NORTHINGS: 4454033.00

FIELD NAME: WILDCAT

LEASE TYPE: 2 - Indian

LEASE NUMBER: 1420H626288

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: INDIAN - LPM9080276
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 437478
- RDCC Review: 2013-12-18 00:00:00.0
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

## LOCATION AND SITING:

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

Comments: Presite Completed

Stipulations:

- 1 - Exception Location - bhll
- 4 - Federal Approval - dmason
- 5 - Statement of Basis - bhll
- 15 - Directional - dmason
- 21 - RDCC - dmason
- 23 - Spacing - dmason



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*

### Permit To Drill

\*\*\*\*\*

**Well Name:** Hicken Tribal 16-9-3-1E  
**API Well Number:** 43047540020000  
**Lease Number:** 1420H626288  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 12/18/2013

**Issued to:**

CRESCENT POINT ENERGY U.S. CORP, 555 17th Street, Suite 750, Denver, CO 80202

**Authority:**

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

**Duration:**

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

**Exception Location:**

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

**General:**

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

**Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

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

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

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

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

**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 at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

**Reporting Requirements:**

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

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

**Approved By:**



For John Rogers  
Associate Director, Oil & Gas

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

*Received  
12/6/13*

FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

5. Lease Serial No.  
1420H626288

6. If Indian, Allottee or Tribe Name  
UINTAH AND OURAY

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.  
HICKEN TRIBAL 16-9-3-1E

9. API Well No.  
4304754002

10. Field and Pool, or Exploratory  
UNKNOWN  
WILDCAT

11. Sec., T., R., M., or Blk. and Survey or Area  
Sec 9 T3S R1E Mer UBM  
SME: FEE

12. County or Parish  
UINTAH

13. State  
UT

17. Spacing Unit dedicated to this well  
40.00

20. BLM/BIA Bond No. on file  
LPM9080276

23. Estimated duration  
60 DAYS

1a. Type of Work:  DRILL  REENTER

1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

**CONFIDENTIAL**

2. Name of Operator  
CRESCENT POINT ENERGY US CORP. Contact: EMILY DEGRASSE  
edegrasse@crecidentpointenergy.com

3a. Address  
555 17TH STREET, SUITE 1800  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 720-880-3644

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface SWSE 700FSL 2163FEL 40.231347 N Lat, 109.884111 W Lon  
At proposed prod. zone SESE 654FSL 668FEL 40.231347 N Lat, 109.884111 W Lon

14. Distance in miles and direction from nearest town or post office\*  
8.5 MILES SOUTHWEST OF FT. DUCHESNE UTAH

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)  
654

16. No. of Acres in Lease  
21298.18

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.  
920

19. Proposed Depth  
9976 MD  
9888 TVD

21. Elevations (Show whether DF, KB, RT, GL, etc.)  
4931 GL

22. Approximate date work will start  
12/10/2013

**24. Attachments**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification
- 6. Such other site specific information and/or plans as may be required by the authorized officer.

**RECEIVED**

25. Signature (Electronic Submission) Name (Printed/Typed) ERIC RADFORD Ph: 303-382-6798 Date MAY 12 2014 12/10/2013

Title DRILLING ENGINEER

Approved by (Signature) Name (Printed/Typed) Jerry Kenczka DIV. OF OIL, GAS & MINING Date APR 24 2014

Title Assistant Field Manager Lands & Mineral Resources Office VERNAL FIELD OFFICE

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached.

**CONDITIONS OF APPROVAL ATTACHED**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #229043 verified by the BLM Well Information System  
For CRESCENT POINT ENERGY US CORP, sent to the Vernal  
Committed to AFMSS for processing by LESLIE BUHLER on 12/12/2013 (14LBB1446AE)

**NOTICE OF APPROVAL**

**UDOGM**

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** CRESCENT POINT ENERGY  
**Well No:** HICKEN TRIBAL 16-9-3-1E  
**API No:** 43-047-54002

**Location:** SWSE, Sec. 9, T3S, R1E  
**Lease No:** 14-20-H62-6288  
**Agreement:** N/A

**OFFICE NUMBER: (435) 781-4400**

**OFFICE FAX NUMBER: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <a href="mailto:blm_ut_vn_opreport@blm.gov">blm_ut_vn_opreport@blm.gov</a> .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

- Paint all production facilities and equipment, not otherwise regulated (OSHA, etc.), Covert Green.
- All areas of disturbance (including surface pipelines) must have appropriate surface use agreements or approvals in place with the proper owner and/or agency before such action is started.
- The conditions of approval, as set forth by those owners and/or agencies, shall be adhered to.
- Stationary internal combustion engines would comply with the following emission standards: 2 g/bhp-hr of NO<sub>x</sub> for engines less than 300 HP and 1 g/bhp-hr of NO<sub>x</sub> for engines over 300 HP.
- Either no or low bleed controllers would be installed on pneumatic pumps, actuators or other pneumatic devices.
- VOC venting controls or flaring would be utilized for oil or gas atmospheric storage tanks.
- VOC venting controls or flaring would be used for glycol dehydration and amine units.
- Where feasible, green completion would be used for well completion, re-completion, venting, or planned blowdown emissions. Alternatively, use controlled VOC emissions methods with 90% efficiency.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- The operator is required to upgrade the BOPE to a 5M systems. The operator's proposed BOPE of 3M is less than the ASP and is therefore deficient.
- Production casing cement shall be brought up and into the surface.
- Surface casing cement shall be brought to surface.
- A variance is granted for Onshore Order #2 Drilling Operations III.E. "Blooie line discharge 100 feet from well bore and securely anchored" Blooie line can be 80 feet.

All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E.

- Drilling Operations, Special Drilling Operations, air/gas drilling.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well by CD (compact disc). This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at [www.ONRR.gov](http://www.ONRR.gov).
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 1420H626288	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>8. WELL NAME and NUMBER:</b> Hicken Tribal 16-9-3-1E	
<b>9. API NUMBER:</b> 43047540020000	
<b>9. FIELD and POOL or WILDCAT:</b> INDEPENDENCE	
<b>COUNTY:</b> UINTAH	
<b>STATE:</b> UTAH	

**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.

<b>1. TYPE OF WELL</b> Oil Well	
<b>2. NAME OF OPERATOR:</b> CRESCENT POINT ENERGY U.S. CORP	
<b>3. ADDRESS OF OPERATOR:</b> 555 17th Street, Suite 750 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 720 880-3621 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0718 FSL 1606 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 09 Township: 03.0S Range: 01.0E Meridian: U	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 12/17/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> 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 checked="" 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 U.S. Corp respectfully requests a one-year extension of the state drilling permit for the Hicken Tribal 16-9-3-1E.

**Approved by the**  
**November 25, 2014**  
**Oil, Gas and Mining**

**Date:** \_\_\_\_\_  
**By:**

<b>NAME (PLEASE PRINT)</b> Kristen Johnson	<b>PHONE NUMBER</b> 303 308-6270	<b>TITLE</b> Regulatory Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/18/2014	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047540020000**

API: 43047540020000

Well Name: Hicken Tribal 16-9-3-1E

Location: 0718 FSL 1606 FEL QTR SWSE SEC 09 TWP 030S RNG 010E MER U

Company Permit Issued to: CRESCENT POINT ENERGY U.S. CORP

Date Original Permit Issued: 12/18/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

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

Signature: Kristen Johnson

Date: 11/18/2014

Title: Regulatory Technician Representing: CRESCENT POINT ENERGY U.S. CORP

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 1420H626288	
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<b>2. NAME OF OPERATOR:</b> CRESCENT POINT ENERGY U.S. CORP	
<b>3. ADDRESS OF OPERATOR:</b> 555 17th Street, Suite 750 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 720 880-3621 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0718 FSL 1606 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 09 Township: 03.0S Range: 01.0E Meridian: U	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 12/17/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
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<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" 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 respectfully requests a one-year extension of the state drilling permit for the referenced well.

**Approved by the**  
**November 18, 2015**  
**Oil, Gas and Mining**

**Date:** \_\_\_\_\_

**By:**

<b>NAME (PLEASE PRINT)</b> Kristen Johnson	<b>PHONE NUMBER</b> 303 308-6270	<b>TITLE</b> Regulatory Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/18/2015	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047540020000**

API: 43047540020000

Well Name: Hicken Tribal 16-9-3-1E

Location: 0718 FSL 1606 FEL QTR SWSE SEC 09 TWP 030S RNG 010E MER U

Company Permit Issued to: CRESCENT POINT ENERGY U.S. CORP

Date Original Permit Issued: 12/18/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

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

Signature: Kristen Johnson

Date: 11/18/2015

Title: Regulatory Technician Representing: CRESCENT POINT ENERGY U.S. CORP

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (AFD) for such proposals.*

BLM Vernal UT

5. Lease Serial No.  
1420H626288

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
CRESCENT POINT ENERGY US CORP  
Contact: KRISTEN JOHNSON  
Email: kjohnson@crecidentpointenergy.com

3a. Address  
555 17TH ST SUITE 1800  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 303-308-6270

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 9 T3S R1E Mer UBM SWSE 700FSL 2163FEL  
40.231347 N Lat, 109.884111 W Lon

8. Well Name and No.  
HICKEN TRIBAL 16-9-3-1E

9. API Well No.  
43-047-54002

10. Field and Pool, or Exploratory  
UNDESIGNATED

11. County or Parish, and State  
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Recomplete
	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Change to Original A PD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Crescent Point Energy US Corp respectfully requests to extend the Application for Permit to Drill for the above referenced well for the maximum allowable time. Thank you.

AFD-4/24/16

RECEIVED

JUN 13 2016

CONDITIONS OF APPROVAL ATTACHED DIV. OF OIL, GAS & MINING

VERNAL FIELD OFFICE

ENG. *KPH 3/23/16*

GEOL. \_\_\_\_\_

E.S. \_\_\_\_\_

PET. \_\_\_\_\_

RECL. \_\_\_\_\_

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #333752 verified by the BLM Well Information System For CRESCENT POINT ENERGY US CORP, sent to the Vernal Committed to AFMSS for processing by STEVE HIRSCHI on 03/15/2016 ( )**

Name (Printed/Typed) LORI BROWNE Title SENIOR REG SPECIALIST

Signature (Electronic Submission) Date 03/15/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By *[Signature]* Title Assistant Field Manager Lands & Mineral Resources APR 08 2016

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office VERNAL FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

UDOGM

165TH.00645E

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 1420H626288
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> HICKEN TRIBAL 2-16-3-1E-H1
<b>2. NAME OF OPERATOR:</b> CRESCENT POINT ENERGY U.S. CORP	<b>9. API NUMBER:</b> 43047540020000
<b>3. ADDRESS OF OPERATOR:</b> 555 17th Street, Suite 750 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 720 880-3621 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0689 FSL 2171 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 09 Township: 03.0S Range: 01.0E Meridian: U	<b>9. FIELD and POOL or WILDCAT:</b> INDEPENDENCE  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>8/8/2016</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b> <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

Operator requests the Hicken Tribal 16-9-3-1E (private surface & Tribal minerals) be changed from a directional well to a 640 acre horizontal lateral, and the well name be revised to Hicken Tribal 2-16-3-1E-H1. TVD revised from 9,888ft to 7,902.6ft and MD revised from 9,976ft to 12,560.4ft. Updated locations along the bore path, including revisions made to original APD due to onsite changes: (SHL 718 FSL 1606 FEL SWSE): -SHL: 689ft FSL & 2,171ft FEL, SWSE, Sec. 9, T3S, R1E USM. -Top of Producing Interval: ±659ft FNL & ±2,008ft FEL, Sec. 16-3-1E; -BHL: ±660ft FSL & 1,998ft FEL, SWSE, Sec. 16-3-1E. Pad and disturbance acreage unchanged. COAs from approved APD will be adhered to. Please find an updated drilling & horizontal plan and lease plat reflecting proposed changes. Surface use & EDA agreements with the Ute Tribe remain in effect.

**Approved by the**  
**August 04, 2016**  
**Oil, Gas and Mining**

**Date:** \_\_\_\_\_  
**By:**

<b>NAME (PLEASE PRINT)</b> Kristen Johnson	<b>PHONE NUMBER</b> 303 308-6270	<b>TITLE</b> Regulatory Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/1/2016	



**R. 1 E.**

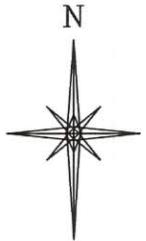
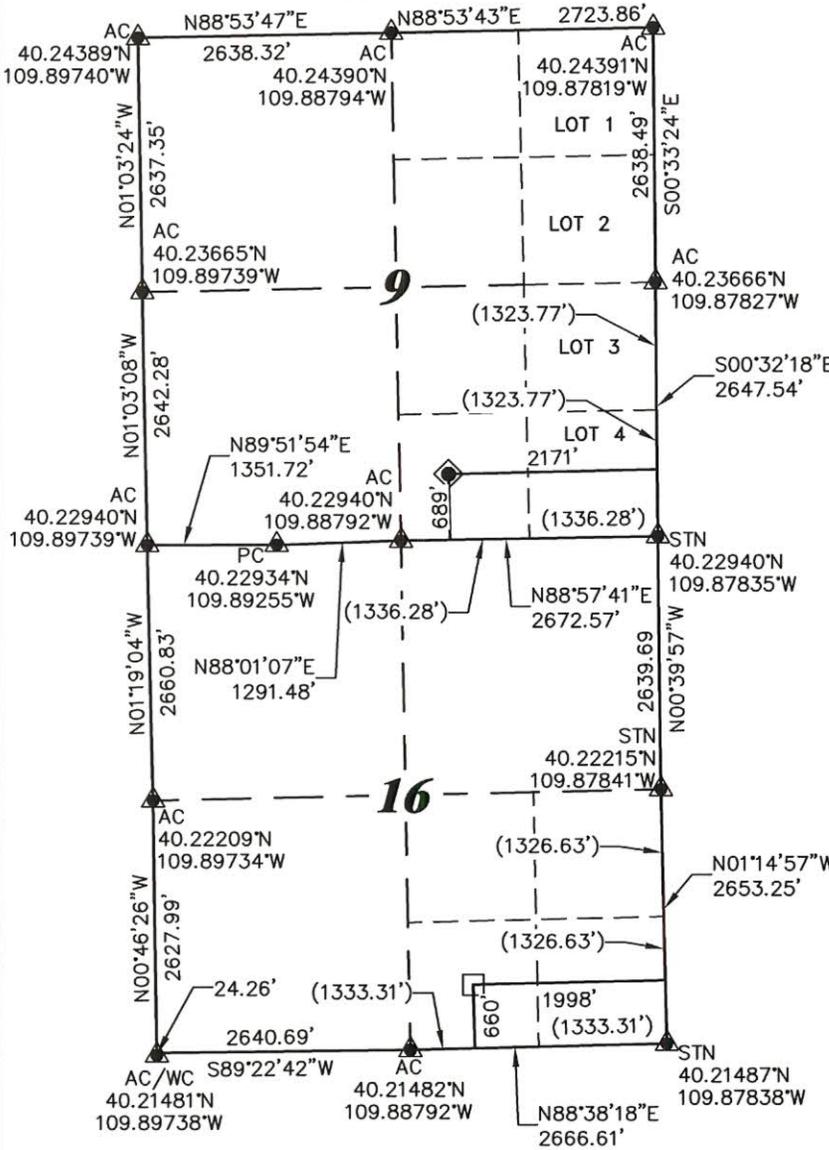
**HICKEN TRIBAL**

**2-16-3-1E-H1**

**UNGRADED ELEVATION:**

**4941.0'**

BASIS OF ELEVATION: USGS SPOT ELEVATION LOCATED AT THE SW CORNER SECTION 9, T3S, R1E, ELEVATION: 4978'



SCALE 1" = 2000'  
GRID NORTH

**T. 3 S.**

**DRAWING DATUM**

SPCS UTC (NAD27)

**SHL**  
**NORTHING (NAD27)**  
695376.27  
**EASTING (NAD27)**  
2450772.88

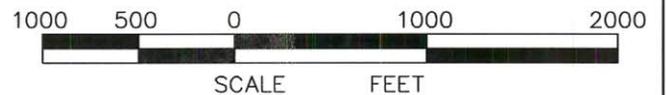
**BHL**  
**NORTHING (NAD27)**  
690047  
**EASTING (NAD27)**  
2451027

**LATITUDE (NAD83)**  
NORTH 40.231289 DEG.  
**LONGITUDE (NAD83)**  
WEST 109.886104 DEG.

**LATITUDE (NAD83)**  
NORTH 40.216647 DEG.  
**LONGITUDE (NAD 83)**  
WEST 109.885539 DEG.

**UTM**  
(ZONE 12, METERS)  
**NORTHING (NAD83)**  
4454023.49  
**EASTING (NAD83)**  
594761.25

**UTM**  
(ZONE 12, METERS)  
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**EASTING (NAD83)**  
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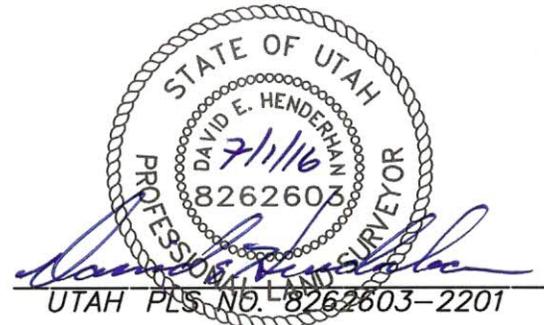


**SURVEYOR'S STATEMENT**

I, DAVID E. HENDERHAN, OF GRAND JUNCTION, COLORADO, HEREBY STATE: THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL FIELD SURVEY DONE UNDER MY DIRECT SUPERVISION ON THE 11th DAY OF NOVEMBER, 2013, AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF HICKEN TRIBAL 2-16-3-1E-H1 AS STAKED ON THE GROUND.

**LEGEND**

- ◆ WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- ▲ PREVIOUSLY FOUND MONUMENT



UTAH PLS. NO. 8262603-2201

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

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

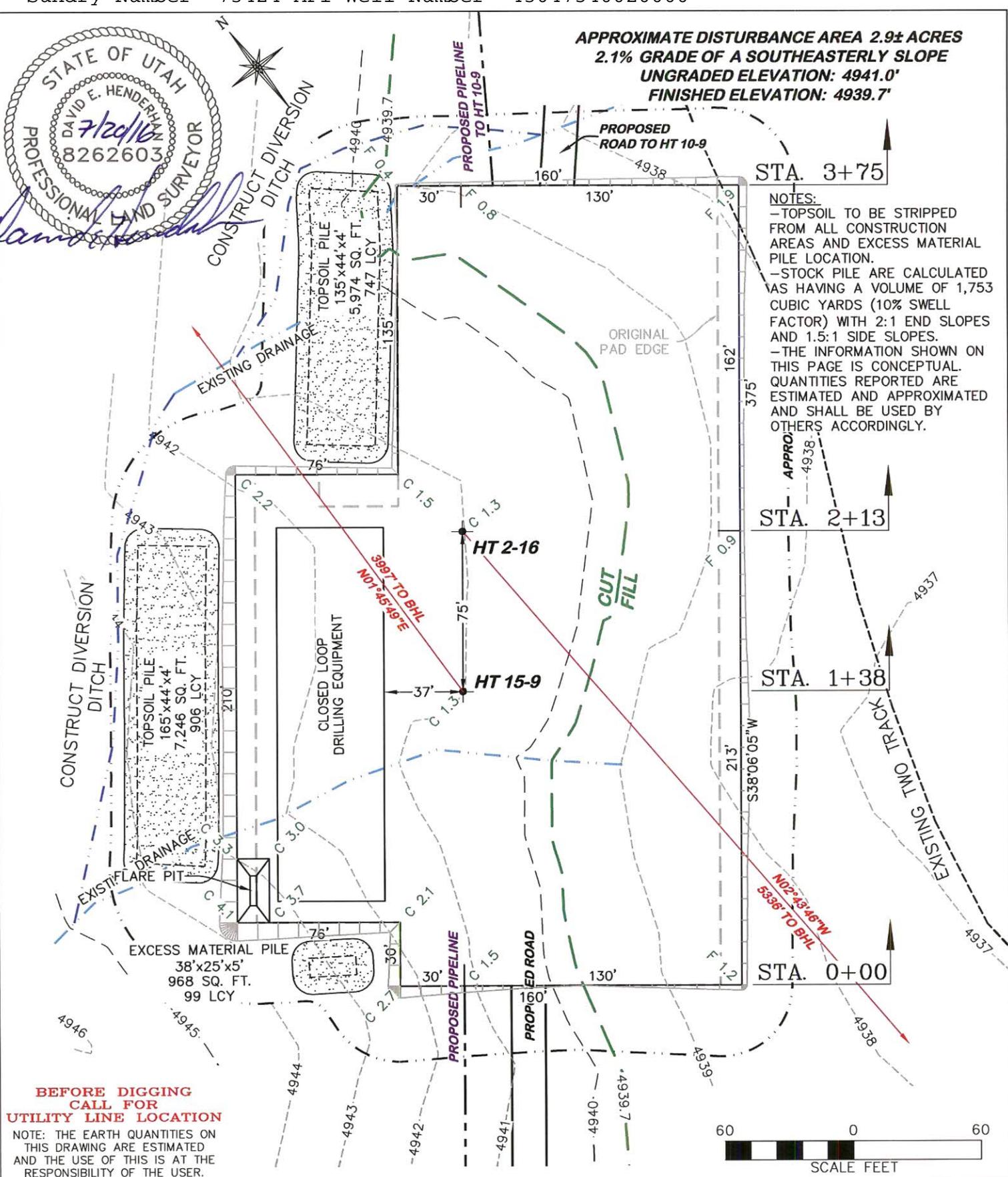
**689' F/SL, & 2171' F/EL, SECTION 9, T. 3 S., R. 1 E., U.S.M., UNITAH COUNTY, UTAH**

<b>DRAWN: 11/19/13 - DEH</b>	<b>SCALE: 1" = 2000'</b>
<b>REVISED: 6/30/2016 - TCM</b>	<b>DRG JOB No. 19843</b>
<b>MISC. REVISIONS</b>	<b>EXHIBIT 1</b>

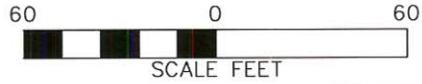


**APPROXIMATE DISTURBANCE AREA 2.9± ACRES**  
**2.1% GRADE OF A SOUTHEASTERLY SLOPE**  
**UNGRADED ELEVATION: 4941.0'**  
**FINISHED ELEVATION: 4939.7'**

**NOTES:**  
 -TOPSOIL TO BE STRIPPED FROM ALL CONSTRUCTION AREAS AND EXCESS MATERIAL PILE LOCATION.  
 -STOCK PILE ARE CALCULATED AS HAVING A VOLUME OF 1,753 CUBIC YARDS (10% SWELL FACTOR) WITH 2:1 END SLOPES AND 1.5:1 SIDE SLOPES.  
 -THE INFORMATION SHOWN ON THIS PAGE IS CONCEPTUAL. QUANTITIES REPORTED ARE ESTIMATED AND APPROXIMATED AND SHALL BE USED BY OTHERS ACCORDINGLY.



**BEFORE DIGGING CALL FOR UTILITY LINE LOCATION**  
 NOTE: THE EARTH QUANTITIES ON THIS DRAWING ARE ESTIMATED AND THE USE OF THIS IS AT THE RESPONSIBILITY OF THE USER.

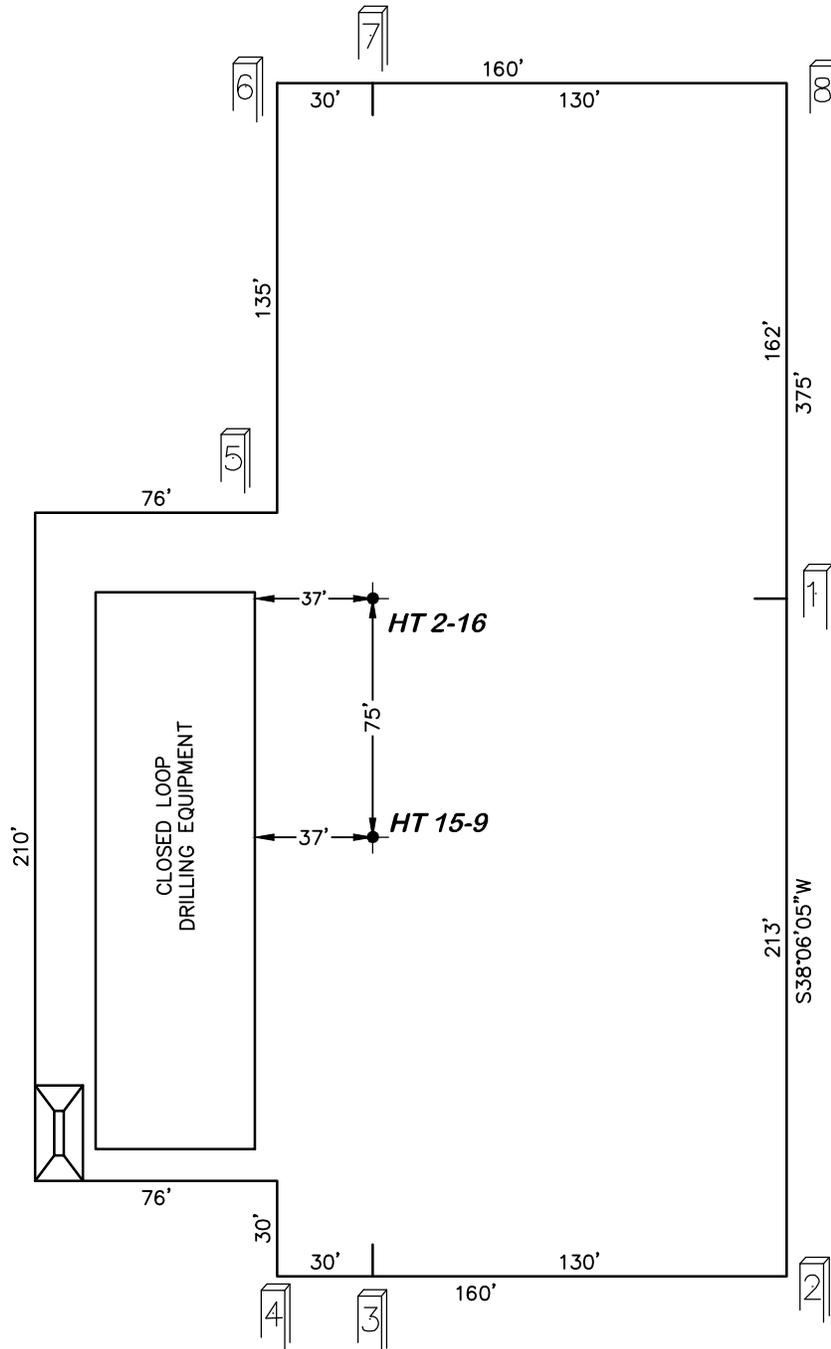


**DRG RIFFIN & ASSOCIATES, INC.**  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

<b>DRAWN:</b> 5/21/2013 - TCM	<b>SCALE:</b> 1" = 60'
<b>REVISED:</b> 7/19/2016 - TCM	<b>DRG JOB No.</b> 19843
<b>MISC. REVISIONS</b>	<b>FIGURE 1</b>

**CRESCENT POINT ENERGY**  
**HICKEN TRIBAL 15-9-3-1E-H1 & HICKEN TRIBAL 2-16-3-1E-H1**  
**SECTION 9, T. 3 S., R. 1 E.**

**UNGRADED ELEVATION: 4941.0'**  
**FINISHED ELEVATION: 4939.7'**



**BEFORE DIGGING  
CALL FOR  
UTILITY LINE LOCATION**

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

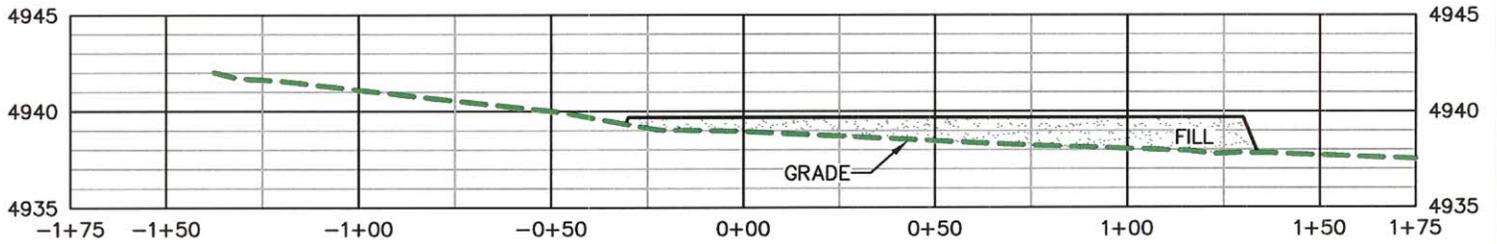


**DRG** RIFFIN & ASSOCIATES, INC.  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

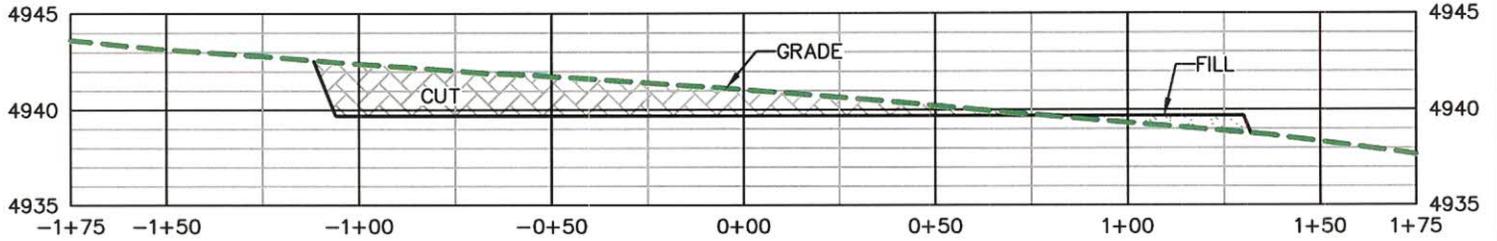
DRAWN: 5/21/2013 - TCM	SCALE: 1" = 60'
REVISED: 7/19/2016 - TCM	DRG JOB No. 19843
MISC. REVISIONS	FIGURE 1A

**PAD LAYOUT  
 CRESCENT POINT ENERGY  
 HICKEN TRIBAL 15-9-3-1E-H1 &  
 HICKEN TRIBAL 2-16-3-1E-H1  
 SECTION 9, T. 3 S., R. 1 E.**

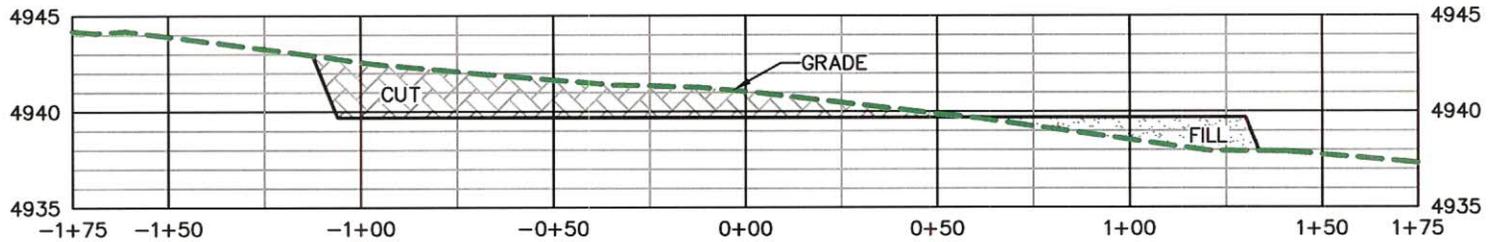
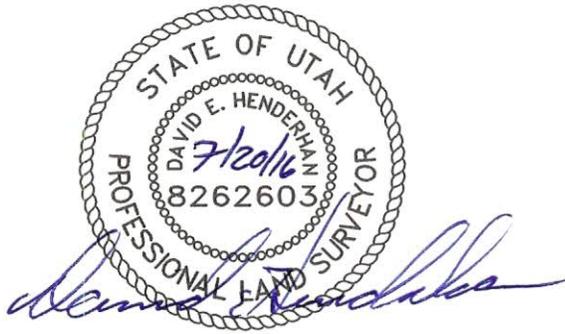
UNGRADED ELEVATION: 4941.0'  
 FINISHED ELEVATION: 4939.7'



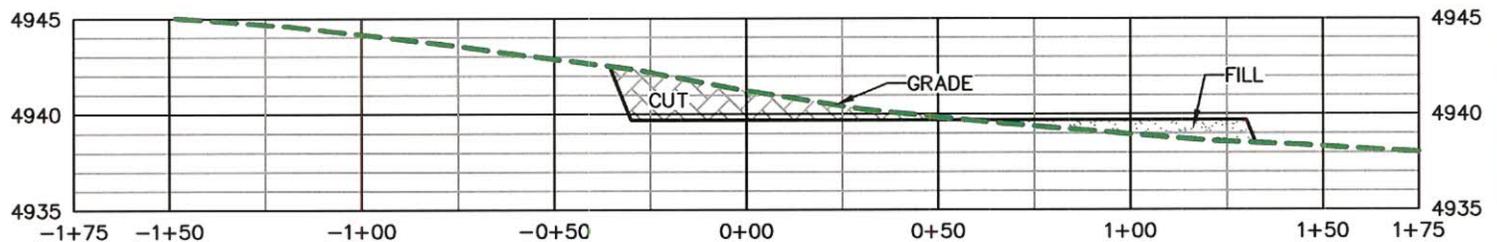
**3+75**



**2+13**



**1+38**



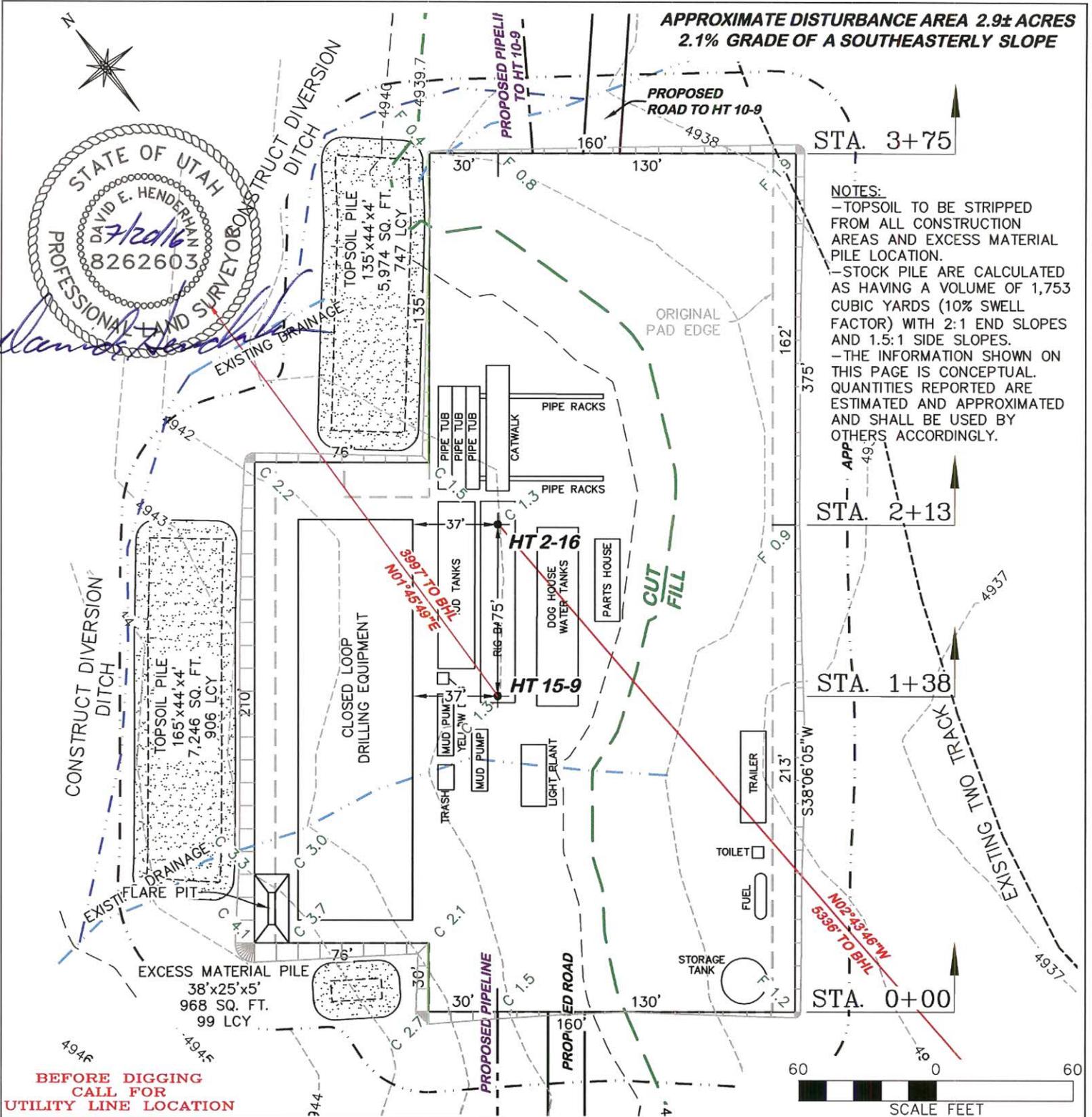
**0+00**

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

**CRESCENT POINT ENERGY  
 HICKEN TRIBAL 15-9-3-1E-H1 &  
 HICKEN TRIBAL 2-16-3-1E-H1  
 SECTION 9, T. 3 S., R. 1 E.**

<b>DRAWN: 5/21/2013 - TCM</b>	<b>SCALE: HORZ 1" = 50' VERT 1" = 10'</b>
<b>REVISED: 7/19/2016 - TCM</b>	<b>DRG JOB No. 19843</b>
<b>MISC. REVISIONS</b>	<b>FIGURE 2</b>

**UNGRADED ELEVATION: 4941.0'  
 FINISHED ELEVATION: 4939.7'**



STATE OF UTAH  
 DAVID E. HENDERMAN  
 7/22/16  
 8262603  
 PROFESSIONAL LAND SURVEYOR

**NOTES:**  
 - TOPSOIL TO BE STRIPPED FROM ALL CONSTRUCTION AREAS AND EXCESS MATERIAL PILE LOCATION.  
 - STOCK PILE ARE CALCULATED AS HAVING A VOLUME OF 1,753 CUBIC YARDS (10% SWELL FACTOR) WITH 2:1 END SLOPES AND 1.5:1 SIDE SLOPES.  
 - THE INFORMATION SHOWN ON THIS PAGE IS CONCEPTUAL. QUANTITIES REPORTED ARE ESTIMATED AND APPROXIMATED AND SHALL BE USED BY OTHERS ACCORDINGLY.

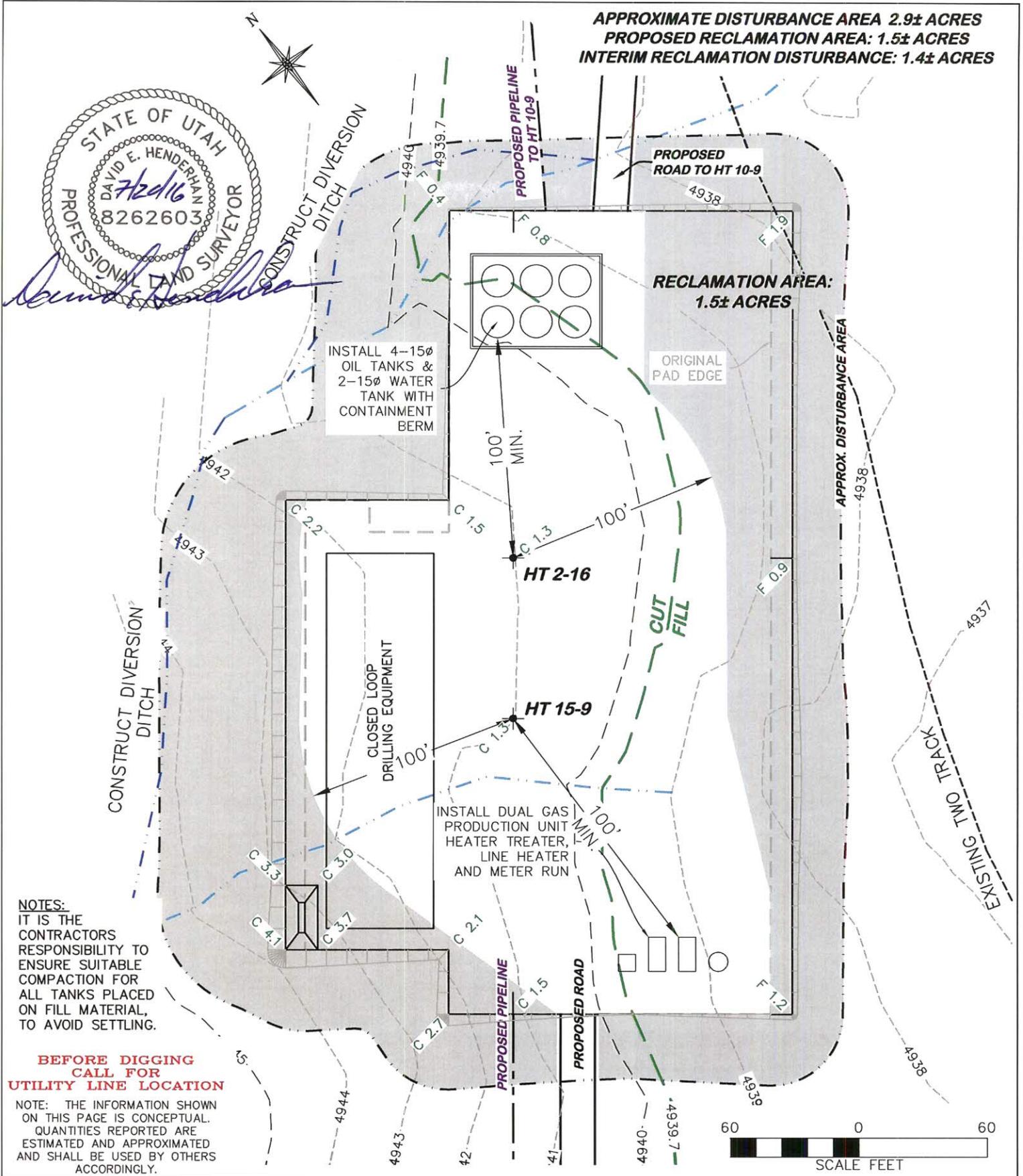
**BEFORE DIGGING  
 CALL FOR  
 UTILITY LINE LOCATION**

SCALE FEET

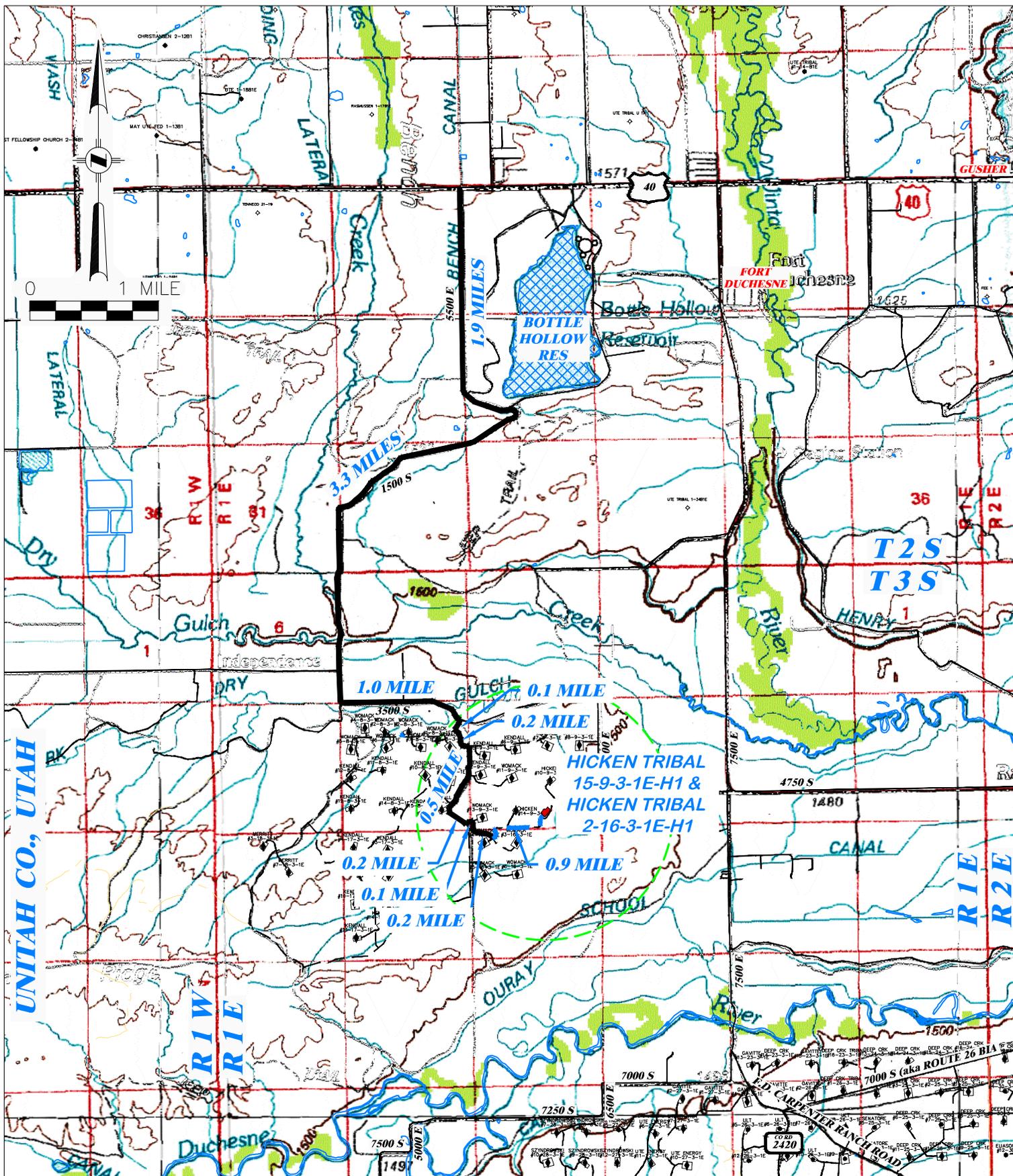
**DRG RIFFIN & ASSOCIATES, INC.**  
 1414 ELK ST., ROCK SPRINGS, WY 82901  
 (307) 362-5028

**CRESCENT POINT ENERGY  
 HICKEN TRIBAL 15-9-3-1E-H1 &  
 HICKEN TRIBAL 2-16-3-1E-H1  
 SECTION 9, T. 3 S., R. 1 E.**

DRAWN: 5/21/2013 - TCM	SCALE: 1" = 60'	UNGRADED ELEVATION: 4941.0' FINISHED ELEVATION: 4939.7'
REVISED: 7/19/2016 - TCM	DRG JOB No. 19843	
MISC. REVISIONS	FIGURE 3	



<p><b>DRG RIFFIN &amp; ASSOCIATES, INC.</b>          (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901</p>		<p><b>PROPOSED INTERIM RECLAMATION</b>  <b>CRESCENT POINT ENERGY</b>  <b>HICKEN TRIBAL 15-9-3-1E-H1 &amp;</b>  <b>HICKEN TRIBAL 2-16-3-1E-H1</b>  <b>SECTION 9, T.3 S., R.1 E.</b>  <b>UNGRADED ELEVATION: 4941.0'</b>  <b>FINISHED ELEVATION: 4939.7'</b></p>
<p><b>DRAWN: 6/24/2016 - TCM</b></p>	<p><b>SCALE: 1" = 60'</b></p>	
<p><b>REVISED: N/A -</b></p>	<p><b>DRG JOB No. 19843</b></p>	
<p><b>FIGURE 4</b></p>		

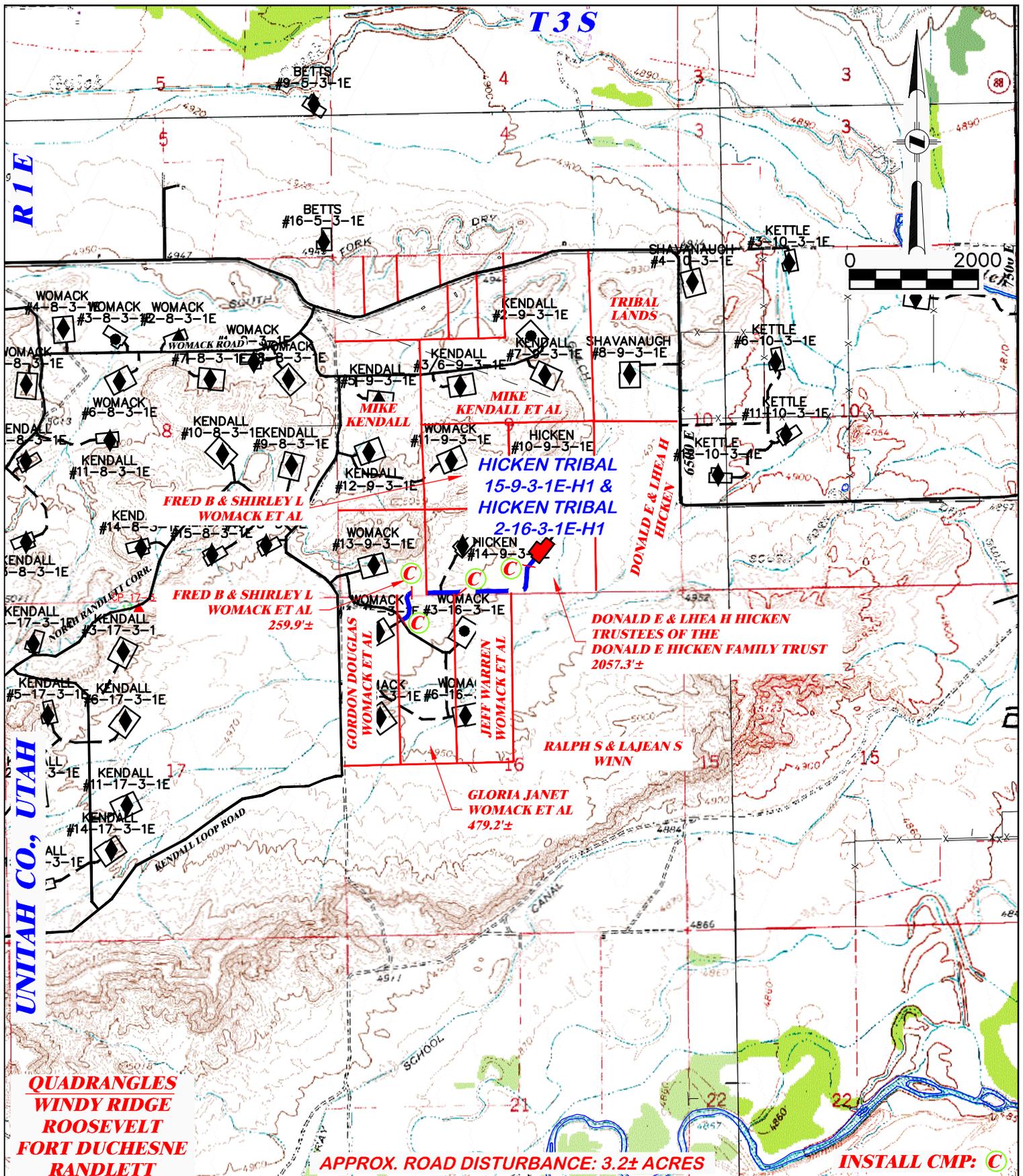


**DRG** RIFFIN & ASSOCIATES, INC.  
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 5/21/2013 - TCM	SCALE: 1" = 1 MILE
REVISED: 7/19/2016 - TCM	DRG JOB No. 19843
MISC. REVISIONS	TOPO A

**PROPOSED ACCESS FOR  
 CRESCENT POINT ENERGY  
 HICKEN TRIBAL 15-9-3-1E-H1 &  
 HICKEN TRIBAL 2-16-3-1E-H1  
 SECTION 9, T.3 S., R.1 E.**

PROPOSED ROAD ———— EXISTING ROAD ————



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

**PROPOSED ROAD FOR**  
**CRESCENT POINT ENERGY**  
**HICKEN TRIBAL 15-9-3-1E-H1 &**  
**HICKEN TRIBAL 2-16-3-1E-H1**  
**SECTION 9, T.3 S., R.1 E.**

TOTAL PROPOSED LENGTH: 2796.4±

DRAWN: 5/21/2013 - TCM	SCALE: 1" = 2000'	PROPOSED ROAD	
REVISED: 7/19/2016 - TCM	DRG JOB No. 19843	EXISTING ROAD	
MISC. REVISIONS	TOPO B		





Crescent Point Energy U.S. Corp

**Hicken Tribal 2-16-3-1E-H1**

SHL: 689' FSL &amp; 2171' FEL, Section 9, T3S, R1E

BHL: 660' FSL &amp; 1998' FEL, Section 16, T3S, R1E

Uintah County, Utah

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

Formation	Depth – TVD	Depth - MD
Uinta	Surface	Surface
BMSGW	2610.7'	2610.7
Upper Green River Marker	4750.7'	4759.4
Mahogany	5345.7'	5363.6
Garden Gulch (TGR3)	6495.7'	6531.3
Douglas Creek	7405.7'	7455.3
Black Shale	7835.7'	7946.5
Castle Peak	7965.7'	8212.5
Lateral LP	8055.7	8572.0
Lateral TD	7902.6'	12560.4

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

Castle Peak Formation (Oil)      7,965.7 TVD' – 8,055.7 TVD'

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.

4. Proposed Casing & Cementing Program*Casing Design:*

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
<b>Conductor</b> <b>16"</b> <b>Hole Size 24"</b>	0'	40'	65	H-40	STC	1,640	670	439,000
<b>Surface casing</b> <b>9-5/8"</b> <b>Hole Size 12-1/4"</b>	0'	1000'	36	J-55	LTC	3,520 405 8.69	2,020 707 2.86	453,000 36,000 12.58
<b>Int casing</b> <b>7"</b> <b>Hole Size 8-3/4"</b>	0'	8572'	23	L-80	LTC	6340 4938 1.28	3830 2823 1.36	435,000 197,000 2.21
<b>Prod casing</b> <b>4-1/2"</b> <b>Hole Size 6- 1/8"</b>	8422'	12560'	11.6	P-110	LTC	10690 6152 1.74	7560 2514 3.01	279,000 54,000 5.16

*Assumptions:*

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

Frac gradient at surface casing shoe = 10.0 ppg  
 Frac gradient at intermediate casing shoe = 14.0 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 <sup>3</sup> /sk)
Surface casing	1000' - surface	Class V 2% chlorides	75%	480	15.8	1.15
Int casing Lead	4300' to Surface	65/35 Poz Blend, Type II/V	25% in open hole, 0% in cased hole	230	11.0	3.42
Int casing Tail	4300' to 8572'	50/50 Poz Blend, Type II/V	25%	456	13.1	1.76
Production Casing	8422' to TD	50/50 Poz Blend, Class G	15%	293	14.0	1.53

\*Actual volume pumped will have excess over gauge hole or caliper log if available

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

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

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

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

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

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

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

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

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

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

5. Drilling Fluids Program

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

The surface interval will then be drilled to  $\pm 1000'$  with air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run to an open top tank. A variance is in request for this operation. The request can be found in Section 12 of this plan.

The intermediate and production intervals ( $\pm 1000'$  to TD) will be drilled with a brine water mud system. Clay inhibition and hole stability will be achieved with the addition of KCl. A closed loop drilling fluids system will be utilized to clean/maintain the KCl mud system during drilling operations. This brine water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 10.0 lbs/gal in the intermediate section and 11.0 lbs/gal in the production section. If it is necessary to control formation fluids or pressure, the system will be weighted with the addition of barite. There will be enough weighting agent on location to increase the entire system to 12.0 ppg MW. If hole conditions deteriorate, an oil based mud system may be utilized to establish wellbore stability.

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.

Drill cuttings from water-based mud operations not generated from oil-bearing geologic zones may be buried in approved onsite cuttings pit, employed for beneficial uses such as berms, pad material, or access roads, or may be disposed of offsite at an approved disposal facility.

Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, Crescent Point Energy U.S. Corp. (Crescent Point) could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO2 gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.

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

The configuration is as follows:

- Float in drillstring

- Inside BOP or safety valve
- Safety valve with same pipe threading
- Rotating Head below rotary table
- Fillup line
- 11" Annular Preventer – rated to 5,000 psi minimum
- 11" bore, 4-1/2" pipe ram – rated to 5,000 psi minimum
- 11" bore, Blind Ram – rated to 5,000 psi minimum
- 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 (one will be hydraulic)
  - Choke line at 3" minimum
  - 2 adjustable chokes on manifold
  - Pressure gauge on choke manifold

#### 7. BOPE Test Criteria

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

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

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

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

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

#### 8. Accumulator

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

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

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

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

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

9. Testing, Logging and Coring Programs

The logging program will consist a gamma LWD tool utilized while drilling the intermediate and production hole sections. 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 after approval is given and take approximately twenty (20) 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 a Formation Integrity Test (FIT) or a Leak Off Test (LOT)



# Crescent Point Energy

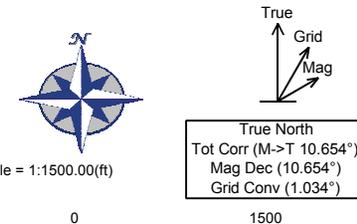


<b>Borehole:</b> <b>Original Hole</b>	<b>Well:</b> <b>Hicken Tribal 2-16-3-1E-H1</b>	<b>Field:</b> <b>UT, Uinta County (NAD 83 CZ)</b>	<b>Structure:</b> <b>09-03S-01E (Hicken Tribal 2-16-3-1E-H1)</b>
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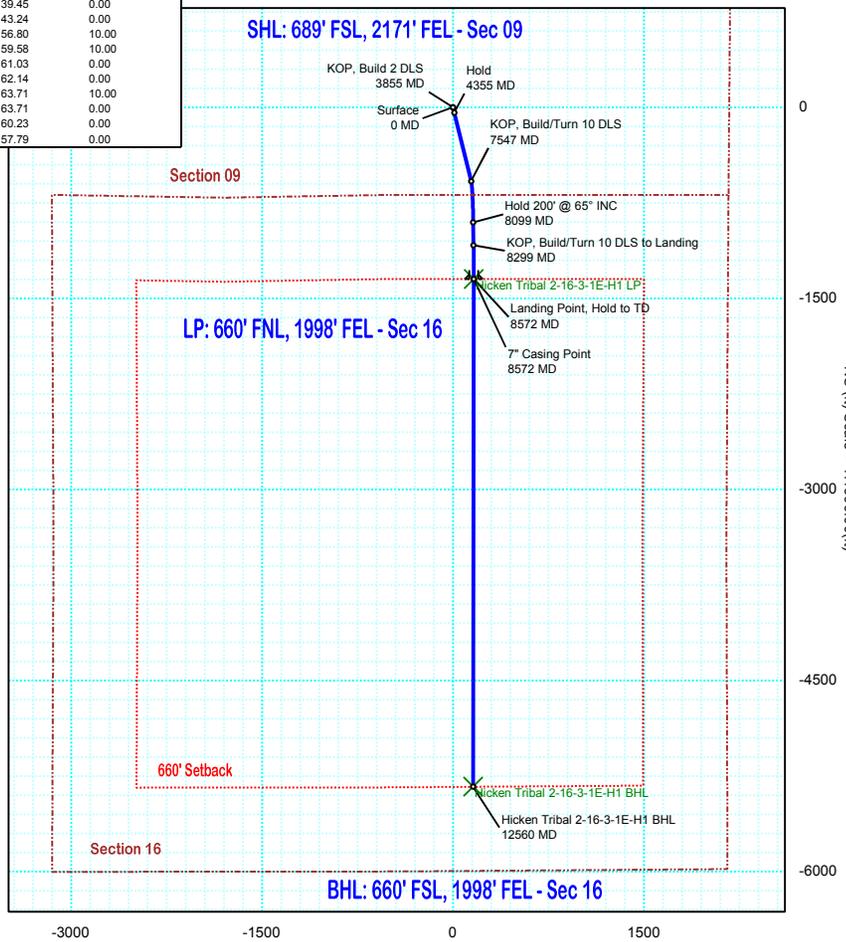
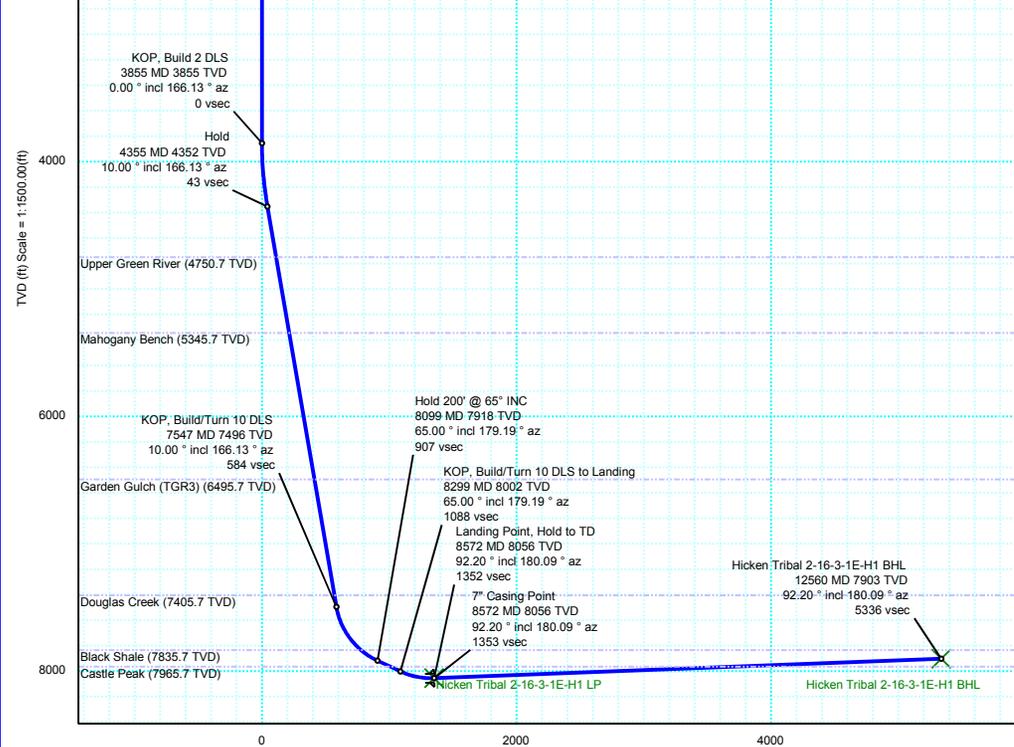
<b>Gravity &amp; Magnetic Parameters</b>	<b>Surface Location</b>	<b>Miscellaneous</b>
Model: HDGM 2016 Dip: 66.003° Date: 13-Jul-2016	NAD83 Utah State Plane, Central Zone, US Feet	Slot: Hicken Tribal 2-16-3-1E-H1 TVD Ref: KB 16ft(4955.7ft above MSL)
MagDec: 10.654° FS: 51947.507nT Gravity FS: 998.97mgn (9.80665 Based)	Lat: N 40 13 52.64 Northing: 7257038.31ftUS Grid Conv: 1.0338° Lon: W 109 53 9.97 Easting: 2090982.13ftUS Scale Fact: 0.99992269	Plan: Hicken Tribal 2-16-3-1E-H1 R0 mdv 13Jul16

Surface Location		Grid Coord		Local Coord				
Northing	Easting	Latitude	Longitude	N(+)/S(-)	E(+)/W(-)			
7257038.306	2090982.129	N 40 13 52.64	W 109 53 9.97	0.00	0.00			
Target Description	Latitude	Longitude	Northing	Easting	TVD	VSec	N(+)/S(-)	E(+)/W(-)
Hicken Tribal 2-16-3-1E-H1 Sec 16 - 660'	N 40 13 52.64	W 109 53 9.97	7257038.31	2090982.13	4955.70	0.00	0.00	0.00
Setback	N 40 13 52.64	W 109 53 9.97	7257038.31	2090982.13	4955.70	0.00	0.00	0.00
Hicken Tribal 2-16-3-1E-H1 BHL	N 40 12 59.93	W 109 53 7.94	7251708.35	2091236.12	7902.57	5336.42	-5334.09	157.79
Hicken Tribal 2-16-3-1E-H1 LP	N 40 13 39.32	W 109 53 7.86	7255693.46	2091170.11	8055.70	1352.38	-1348.13	163.70

**Proposal Rev 0**



Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BMSGW	2610.70	0.00	166.13	2610.70	0.00	0.00	0.00	0.00
KOP, Build 2 DLS	3855.00	0.00	166.13	3855.00	0.00	0.00	0.00	0.00
Hold	4354.82	10.00	166.13	4352.29	42.51	-42.22	10.43	2.00
Upper Green River	4759.37	10.00	166.13	4750.70	111.16	-110.40	27.26	0.00
Mahogany Bench	5363.95	10.00	166.13	5345.70	213.68	-212.22	52.40	0.00
Garden Gulch (TGR3)	6531.27	10.00	166.13	6495.70	411.82	-409.01	101.00	0.00
Douglas Creek	7455.30	10.00	166.13	7405.70	568.61	-564.73	139.45	0.00
KOP, Build/Turn 10 DLS	7546.51	10.00	166.13	7495.52	584.09	-580.10	143.24	0.00
Black Shale	7946.53	49.73	178.25	7835.70	778.61	-774.31	156.80	10.00
Hold 200' @ 65° INC	8099.39	65.00	179.19	7917.89	906.95	-902.63	159.58	10.00
Castle Peak	8212.52	65.00	179.19	7965.70	1009.47	-1005.15	161.03	0.00
KOP, Build/Turn 10 DLS to Landing	8299.39	65.00	179.19	8002.41	1088.19	-1083.87	162.14	0.00
Landing Point, Hold to TD	8571.53	92.20	180.09	8055.70	1352.39	-1348.13	163.71	10.00
7" Casing Point	8572.00	92.20	180.09	8055.68	1352.86	-1348.61	163.71	0.00
Castle Peak	10915.92	92.20	180.09	7965.70	3693.92	-3690.80	160.23	0.00
Hicken Tribal 2-16-3-1E-H1 BHL	12560.43	92.20	180.09	7902.57	5336.42	-5334.09	157.79	0.00



Vertical Section (ft) Azim = 178.306° Scale = 1:1500.00(ft) Origin = 0N/-S, 0E/-W



### Hicken Tribal 2-16-3-1E-H1 R0 mdv 13Jul16 Proposal Geodetic Report

(Def Plan)

**Report Date:** July 13, 2016 - 11:10 AM  
**Client:** Crescent Point Energy  
**Field:** UT, Uinta County (NAD 83 CZ)  
**Structure / Slot:** Crescent Point 09-03S-01E (Hicken Tribal 2-16-3-1E-H1 / Hicken Tribal 2-16-3-1E-H1)  
**Well:** Hicken Tribal 2-16-3-1E-H1  
**Borehole:** Original Hole  
**UWI / API#:** Unknown / Unknown  
**Survey Name:** Hicken Tribal 2-16-3-1E-H1 R0 mdv 13Jul16  
**Survey Date:** July 13, 2016  
**Tort / AHD / DDI / ERD Ratio:** 92.498 ° / 5352.214 ft / 5.888 / 0.664  
**Coordinate Reference System:** NAD83 Utah State Plane, Central Zone, US Feet  
**Location Lat / Long:** N 40° 13' 52.64040", W 109° 53' 9.97440"  
**Location Grid N/E Y/X:** N 7257038.306 ftUS, E 2090982.129 ftUS  
**CRS Grid Convergence Angle:** 1.0338 °  
**Grid Scale Factor:** 0.99992269  
**Version / Patch:** 2.9.370.0

**Survey / DLS Computation:** Minimum Curvature / Lubinski  
**Vertical Section Azimuth:** 178.306 ° (True North)  
**Vertical Section Origin:** 0.000 ft, 0.000 ft  
**TVD Reference Datum:** KB 16ft  
**TVD Reference Elevation:** 4955.700 ft above MSL  
**Seabed / Ground Elevation:** 4939.700 ft above MSL  
**Magnetic Declination:** 10.654 °  
**Total Gravity Field Strength:** 998.9703mgn (9.80665 Based)  
**Gravity Model:** GARM  
**Total Magnetic Field Strength:** 51947.507 nT  
**Magnetic Dip Angle:** 66.003 °  
**Declination Date:** July 13, 2016  
**Magnetic Declination Model:** HDGM 2016  
**North Reference:** True North  
**Grid Convergence Used:** 0.0000 °  
**Total Corr Mag North->True North:** 10.6541 °  
**Local Coord Referenced To:** Well Head

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (*/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	7257038.31	2090982.13	40.231289	-109.886104
	100.00	0.00	166.13	100.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	200.00	0.00	166.13	200.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	300.00	0.00	166.13	300.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	400.00	0.00	166.13	400.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	500.00	0.00	166.13	500.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	600.00	0.00	166.13	600.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	700.00	0.00	166.13	700.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	800.00	0.00	166.13	800.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	900.00	0.00	166.13	900.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	1000.00	0.00	166.13	1000.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	1100.00	0.00	166.13	1100.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	1200.00	0.00	166.13	1200.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	1300.00	0.00	166.13	1300.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	1400.00	0.00	166.13	1400.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	1500.00	0.00	166.13	1500.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	1600.00	0.00	166.13	1600.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	1700.00	0.00	166.13	1700.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	1800.00	0.00	166.13	1800.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	1900.00	0.00	166.13	1900.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	2000.00	0.00	166.13	2000.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	2100.00	0.00	166.13	2100.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	2200.00	0.00	166.13	2200.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	2300.00	0.00	166.13	2300.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	2400.00	0.00	166.13	2400.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	2500.00	0.00	166.13	2500.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	2600.00	0.00	166.13	2600.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
BMSGW	2610.70	0.00	166.13	2610.70	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	2700.00	0.00	166.13	2700.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	2800.00	0.00	166.13	2800.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	2900.00	0.00	166.13	2900.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	3000.00	0.00	166.13	3000.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	3100.00	0.00	166.13	3100.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	3200.00	0.00	166.13	3200.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	3300.00	0.00	166.13	3300.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	3400.00	0.00	166.13	3400.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	3500.00	0.00	166.13	3500.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	3600.00	0.00	166.13	3600.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	3700.00	0.00	166.13	3700.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	3800.00	0.00	166.13	3800.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
KOP, Build 2 DLS	3855.00	0.00	166.13	3855.00	0.00	0.00	0.00	0.00	7257038.31	2090982.13	40.231289	-109.886104
	3900.00	0.90	166.13	3900.00	0.35	-0.34	0.08	2.00	7257037.96	2090982.22	40.231288	-109.886104
	4000.00	2.90	166.13	3999.94	3.59	-3.56	0.88	2.00	7257034.76	2090983.07	40.231279	-109.886101
	4100.00	4.90	166.13	4099.70	10.23	-10.16	2.51	2.00	7257028.19	2090984.82	40.231261	-109.886095
	4200.00	6.90	166.13	4199.17	20.28	-20.14	4.97	2.00	7257018.26	2090987.47	40.231234	-109.886086
	4300.00	8.90	166.13	4298.21	33.72	-33.49	8.27	2.00	7257004.98	2090991.00	40.231197	-109.886074
Hold	4354.82	10.00	166.13	4352.29	42.51	-42.22	10.43	2.00	7256996.28	2090993.31	40.231173	-109.886067
	4400.00	10.00	166.13	4396.78	50.18	-49.84	12.31	0.00	7256988.70	2090995.33	40.231152	-109.886060
	4500.00	10.00	166.13	4495.26	67.15	-66.69	16.47	0.00	7256971.93	2090999.80	40.231106	-109.886045
	4600.00	10.00	166.13	4593.75	84.12	-83.54	20.63	0.00	7256955.16	2091004.26	40.231060	-109.886030
	4700.00	10.00	166.13	4692.23	101.08	-100.39	24.79	0.00	7256938.38	2091008.72	40.231013	-109.886015
Upper Green River	4759.37	10.00	166.13	4750.70	111.16	-110.40	27.26	0.00	7256928.42	2091011.38	40.230986	-109.886006
	4800.00	10.00	166.13	4790.71	118.05	-117.25	28.95	0.00	7256921.61	2091013.19	40.230967	-109.886000
	4900.00	10.00	166.13	4889.19	135.02	-134.10	33.11	0.00	7256904.84	2091017.65	40.230921	-109.885985
	5000.00	10.00	166.13	4987.67	151.99	-150.95	37.27	0.00	7256888.06	2091022.12	40.230875	-109.885971
	5100.00	10.00	166.13	5086.16	168.96	-167.80	41.44	0.00	7256871.29	2091026.58	40.230828	-109.885956
	5200.00	10.00	166.13	5184.64	185.92	-184.66	45.60	0.00	7256854.52	2091031.05	40.230782	-109.885941
	5300.00	10.00	166.13	5283.12	202.89	-201.51	49.76	0.00	7256837.74	2091035.51	40.230736	-109.885926
Mahogany Bench	5363.55	10.00	166.13	5345.70	213.68	-212.22	52.40	0.00	7256827.08	2091038.35	40.230706	-109.885916
	5400.00	10.00	166.13	5381.60	219.86	-218.36	53.92	0.00	7256820.97	2091039.98	40.230690	-109.885911
	5500.00	10.00	166.13	5480.08	236.83	-235.21	58.08	0.00	7256804.20	2091044.44	40.230643	-109.885896
	5600.00	10.00	166.13	5578.56	253.80	-252.07	62.24	0.00	7256787.42	2091048.90	40.230597	-109.885881
	5700.00	10.00	166.13	5677.05	270.77	-268.92	66.40	0.00	7256770.65	2091053.37	40.230551	-109.885866
	5800.00	10.00	166.13	5775.53	287.73	-285.77	70.57	0.00	7256753.88	2091057.83	40.230505	-109.885851
	5900.00	10.00	166.13	5874.01	304.70	-302.62	74.73	0.00	7256737.10	2091062.30	40.230458	-109.885836
	6000.00	10.00	166.13	5972.49	321.67	-319.48	78.89	0.00	7256720.33	2091066.76	40.230412	-109.885821
	6100.00	10.00	166.13	6070.97	338.64	-336.33	83.05	0.00	7256703.56	2091071.23	40.230366	-109.885807
	6200.00	10.00	166.13	6169.46	355.61	-353.18	87.21	0.00	7256686.78	2091075.69	40.230320	-109.885792
	6300.00	10.00	166.13	6267.94	372.57	-370.03	91.37	0.00	7256670.01	2091080.16	40.230273	-109.885777
	6400.00	10.00	166.13	6366.42	389.54	-386.89	95.53	0.00	7256653.24	2091084.62	40.230227	-109.885762
	6500.00	10.00	166.13	6464.90	406.51	-403.74	99.70	0.00	7256636.46	2091089.08	40.230181	-109.885747
Garden Gulch (TGR3)	6531.27	10.00	166.13	6495.70	411.82	-409.01	101.00	0.00	7256631.22	2091090.48	40.230166	-109.885742
	6600.00	10.00	166.13	6563.38	423.48	-420.59	103.86	0.00	7256619.69	2091093.55	40.230134	-109.885732

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	6700.00	10.00	166.13	6661.86	440.45	-437.44	108.02	0.00	7256602.92	2091098.01	40.230088	-109.885717
	6800.00	10.00	166.13	6760.35	457.42	-454.30	112.18	0.00	7256586.14	2091102.48	40.230042	-109.885702
	6900.00	10.00	166.13	6858.83	474.38	-471.15	116.34	0.00	7256569.37	2091106.94	40.229996	-109.885687
	7000.00	10.00	166.13	6957.31	491.35	-488.00	120.50	0.00	7256552.60	2091111.41	40.229949	-109.885672
	7100.00	10.00	166.13	7055.79	508.32	-504.85	124.66	0.00	7256535.82	2091115.87	40.229903	-109.885658
	7200.00	10.00	166.13	7154.27	525.29	-521.71	128.83	0.00	7256519.05	2091120.34	40.229857	-109.885643
	7300.00	10.00	166.13	7252.76	542.26	-538.56	132.99	0.00	7256502.28	2091124.80	40.229811	-109.885628
	7400.00	10.00	166.13	7351.24	559.22	-555.41	137.15	0.00	7256485.50	2091129.26	40.229764	-109.885613
Douglas Creek	7455.30	10.00	166.13	7405.70	568.61	-564.73	139.45	0.00	7256476.23	2091131.73	40.229739	-109.885605
	7500.00	10.00	166.13	7449.72	576.19	-572.27	141.31	0.00	7256468.73	2091133.73	40.229718	-109.885598
KOP, Build/Turn 10 DLS	7546.51	10.00	166.13	7495.52	584.09	-580.10	143.24	0.00	7256460.93	2091135.80	40.229697	-109.885591
	7600.00	15.23	171.20	7547.71	595.61	-591.56	145.43	10.00	7256449.51	2091138.20	40.229665	-109.885583
	7700.00	25.15	175.06	7641.45	629.95	-625.81	149.29	10.00	7256415.35	2091142.67	40.229571	-109.885569
	7800.00	35.11	176.82	7727.83	680.04	-675.82	152.72	10.00	7256365.41	2091147.01	40.229434	-109.885557
	7900.00	45.09	177.87	7804.22	744.36	-740.08	155.64	10.00	7256301.21	2091151.08	40.229257	-109.885547
Black Shale	7946.53	49.73	178.25	7835.70	778.61	-774.31	156.80	10.00	7256267.01	2091152.86	40.229164	-109.885542
	8000.00	55.07	178.61	7868.31	820.96	-816.65	157.95	10.00	7256224.71	2091154.78	40.229047	-109.885538
Hold 200' @ 65° INC	8099.39	65.00	179.19	7917.89	906.95	-902.63	159.58	10.00	7256138.78	2091157.95	40.228811	-109.885533
	8100.00	65.00	179.19	7918.15	907.51	-903.18	159.59	0.00	7256138.22	2091157.97	40.228810	-109.885532
	8200.00	65.00	179.19	7960.41	998.13	-993.80	160.87	0.00	7256047.65	2091160.89	40.228561	-109.885528
Castle Peak KOP, Build/Turn 10 DLS to Landing	8212.52	65.00	179.19	7965.70	1009.47	-1005.15	161.03	0.00	7256036.30	2091161.25	40.228530	-109.885527
	8299.39	65.00	179.19	8002.41	1088.19	-1083.87	162.14	0.00	7255957.62	2091163.78	40.228314	-109.885523
	8300.00	65.06	179.19	8002.67	1088.75	-1084.43	162.15	10.00	7255957.07	2091163.80	40.228312	-109.885523
	8400.00	75.06	179.54	8036.73	1182.61	-1178.31	163.17	10.00	7255863.23	2091166.52	40.228055	-109.885520
	8500.00	85.05	179.86	8053.98	1280.96	-1276.68	163.68	10.00	7255764.89	2091168.80	40.227785	-109.885518
Landing Point, Hold to TD 7" Casing Point	8571.53	92.20	180.09	8055.70	1352.39	-1348.13	163.71	10.00	7255693.45	2091170.12	40.227588	-109.885518
	8572.00	92.20	180.09	8055.68	1352.86	-1348.61	163.71	0.00	7255692.98	2091170.13	40.227587	-109.885518
	8600.00	92.20	180.09	8054.60	1380.83	-1376.59	163.67	0.00	7255665.00	2091170.59	40.227510	-109.885518
	8700.00	92.20	180.09	8050.77	1480.70	-1476.51	163.52	0.00	7255565.10	2091172.25	40.227236	-109.885518
	8800.00	92.20	180.09	8046.93	1580.58	-1576.44	163.37	0.00	7255465.20	2091173.90	40.226962	-109.885519
	8900.00	92.20	180.09	8043.09	1680.46	-1676.37	163.22	0.00	7255365.29	2091175.56	40.226687	-109.885519
	9000.00	92.20	180.09	8039.25	1780.34	-1776.29	163.08	0.00	7255265.39	2091177.21	40.226413	-109.885520
	9100.00	92.20	180.09	8035.41	1880.22	-1876.22	162.93	0.00	7255165.48	2091178.87	40.226139	-109.885521
	9200.00	92.20	180.09	8031.57	1980.09	-1976.14	162.78	0.00	7255065.58	2091180.52	40.225865	-109.885521
	9300.00	92.20	180.09	8027.73	2079.97	-2076.07	162.63	0.00	7254965.67	2091182.17	40.225590	-109.885522
	9400.00	92.20	180.09	8023.89	2179.85	-2176.00	162.48	0.00	7254865.77	2091183.83	40.225316	-109.885522
	9500.00	92.20	180.09	8020.05	2279.73	-2275.92	162.33	0.00	7254765.86	2091185.48	40.225042	-109.885523
	9600.00	92.20	180.09	8016.22	2379.61	-2375.85	162.18	0.00	7254665.96	2091187.14	40.224767	-109.885523
	9700.00	92.20	180.09	8012.38	2479.48	-2475.78	162.04	0.00	7254566.05	2091188.79	40.224493	-109.885524
	9800.00	92.20	180.09	8008.54	2579.36	-2575.70	161.89	0.00	7254466.15	2091190.45	40.224219	-109.885524
	9900.00	92.20	180.09	8004.70	2679.24	-2675.63	161.74	0.00	7254366.24	2091192.10	40.223944	-109.885525
	10000.00	92.20	180.09	8000.86	2779.12	-2775.55	161.59	0.00	7254266.34	2091193.76	40.223670	-109.885525
	10100.00	92.20	180.09	7997.02	2879.00	-2875.48	161.44	0.00	7254166.43	2091195.41	40.223396	-109.885526
	10200.00	92.20	180.09	7993.18	2978.87	-2975.41	161.29	0.00	7254066.53	2091197.06	40.223122	-109.885526
	10300.00	92.20	180.09	7989.34	3078.75	-3075.33	161.15	0.00	7253966.63	2091198.72	40.222847	-109.885527
	10400.00	92.20	180.09	7985.51	3178.63	-3175.26	161.00	0.00	7253866.72	2091200.37	40.222573	-109.885527
	10500.00	92.20	180.09	7981.67	3278.51	-3275.19	160.85	0.00	7253766.82	2091202.03	40.222299	-109.885528
	10600.00	92.20	180.09	7977.83	3378.39	-3375.11	160.70	0.00	7253666.91	2091203.68	40.222024	-109.885529
	10700.00	92.20	180.09	7973.99	3478.27	-3475.04	160.55	0.00	7253567.01	2091205.34	40.221750	-109.885529
	10800.00	92.20	180.09	7970.15	3578.14	-3574.96	160.40	0.00	7253467.10	2091206.99	40.221476	-109.885530
	10900.00	92.20	180.09	7966.31	3678.02	-3674.89	160.26	0.00	7253367.20	2091208.65	40.221201	-109.885530
Castle Peak	10915.92	92.20	180.09	7965.70	3693.92	-3690.80	160.23	0.00	7253351.29	2091208.91	40.221158	-109.885530
	11000.00	92.20	180.09	7962.47	3777.90	-3774.82	160.11	0.00	7253267.29	2091210.30	40.220927	-109.885531
	11100.00	92.20	180.09	7958.63	3877.78	-3874.74	159.96	0.00	7253167.39	2091211.95	40.220653	-109.885531
	11200.00	92.20	180.09	7954.79	3977.66	-3974.67	159.81	0.00	7253067.48	2091213.61	40.220379	-109.885532
	11300.00	92.20	180.09	7950.96	4077.53	-4074.59	159.66	0.00	7252967.58	2091215.26	40.220104	-109.885532
	11400.00	92.20	180.09	7947.12	4177.41	-4174.52	159.51	0.00	7252867.67	2091216.92	40.219830	-109.885533
	11500.00	92.20	180.09	7943.28	4277.29	-4274.45	159.36	0.00	7252767.77	2091218.57	40.219556	-109.885533
	11600.00	92.20	180.09	7939.44	4377.17	-4374.37	159.22	0.00	7252667.86	2091220.23	40.219281	-109.885534
	11700.00	92.20	180.09	7935.60	4477.05	-4474.30	159.07	0.00	7252567.96	2091221.88	40.219007	-109.885534
	11800.00	92.20	180.09	7931.76	4576.92	-4574.23	158.92	0.00	7252468.06	2091223.53	40.218733	-109.885535
	11900.00	92.20	180.09	7927.92	4676.80	-4674.15	158.77	0.00	7252368.15	2091225.19	40.218459	-109.885535
	12000.00	92.20	180.09	7924.08	4776.68	-4774.08	158.62	0.00	7252268.25	2091226.84	40.218184	-109.885536
	12100.00	92.20	180.09	7920.25	4876.56	-4874.00	158.47	0.00	7252168.34	2091228.50	40.217910	-109.885537
	12200.00	92.20	180.09	7916.41	4976.44	-4973.93	158.33	0.00	7252068.44	2091230.15	40.217636	-109.885537
	12300.00	92.20	180.09	7912.57	5076.31	-5073.86	158.18	0.00	7251968.53	2091231.81	40.217361	-109.885538
	12400.00	92.20	180.09	7908.73	5176.19	-5173.78	158.03	0.00	7251868.63	2091233.46	40.217087	-109.885538
	12500.00	92.20	180.09	7904.89	5276.07	-5273.71	157.88	0.00	7251768.72	2091235.12	40.216813	-109.885539
Hicken Tribal 2-16-3-1E-H1 BHL	12560.43	92.20	180.09	7902.57	5336.42	-5334.09	157.79	0.00	7251708.35	2091236.12	40.216647	-109.885539

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

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Type	Borehole / Survey
	1	0.000	16.000	1/100.000	13.500	9.625		NAL_MWD_PLUS_0.5_DEG-Depth Only	Original Hole / Hicken Tribal 2-16-3-1E-H1 R0 mdv 13Jul16
	1	16.000	2000.000	1/100.000	13.500	9.625		NAL_MWD_PLUS_0.5_DEG	Original Hole / Hicken Tribal 2-16-3-1E-H1 R0 mdv 13Jul16
	1	2000.000	8572.000	1/30.000	8.750	7.000		NAL_MWD_PLUS_0.5_DEG	Original Hole / Hicken Tribal 2-16-3-1E-H1 R0 mdv 13Jul16
	2	8557.000	12560.426	1/100.000	6.125	4.500		NAL_MWD_PLUS_0.5_DEG	Original Hole / Hicken Tribal 2-16-3-1E-H1 R0 mdv 13Jul16

RECEIVED: Aug. 02, 2016



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

August 2, 2016

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

**RE: Exception Location Request (R649-3-3)**  
**Hicken Tribal 2-16-3-1E-H1**  
*Surface Location: SWSE of Section 9*  
*689' FSL & 2171' FEL*  
*Bottom Hole Location: SWSE of Section 16*  
*660' FSL & 1998' FEL*  
*T3S-R1E, USM*  
*Uintah County, Utah*

Dear Mr. Hill:

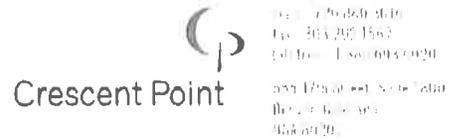
Pursuant to the filing of Crescent Point Energy U.S. Corp's (Crescent Point) Application for Permit to Drill regarding the above referenced well, and in accordance with Oil & Gas Conservation Rule R649-3-3, we are hereby submitting this letter as notice of our intention to Horizontally drill the captioned well and request that DOGM administratively grant an exception location for the Lamb Hicken Tribal 2-16-3-1E-H1.

- Crescent Point is permitting the Hicken Tribal 2-16-3-1E-H1 as a horizontal well. The surface location was moved outside the legal window from the center of the quarter/quarter due to difficult topography.
- Crescent Point has notified and obtained consent from all other working interest owners within a 460' radius of the intended wellbore.

Therefore, based on the above stated information, Crescent Point requests the permit be granted pursuant to R649-3-3. If you have any questions or require further information, please don't hesitate to contact the undersigned at 720-880-3625 or by email at nbailey@crescentpointenergy.com. Your consideration of this matter is greatly appreciated.

Sincerely,  
Crescent Point Energy U.S. Corp

Nicole Bailey  
Landman



July 20, 2016

VIA ELECTRONIC DELIVERY

Broughton Petroleum Inc.  
Attn: Lois Krenek  
P.O. Box 1389  
Sealy, TX 77474

**RE: Exception Location Request  
Hicken Tribal 2-16-3-1E-H1  
Township 3 South, Range 1 East, USM  
Section 9: SWSE (Surface hole) Section 16: SWSE (Bottom hole)  
Uintah County, Utah**

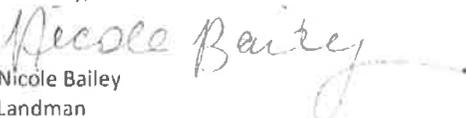
Dear Ms. Krenek,

The bottom hole location of Crescent Point Energy U.S. Corp's ("Crescent Point") captioned well is less than 660' from the section line as required by the State of Utah's default well siting rule R649-3-2. Crescent Point plans to drill the well horizontally from a surface location of 689' FSL & 2171' FEL to a bottom hole location of 660' FSL & 1998' FEL. Crescent Point shall case and cement the captioned wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL of Section 16, T3S-R1E. The cased and cemented portion of the wellbore shall not be perforated nor produced. A copy of the survey plat is attached hereto for your reference.

Broughton Petroleum Inc. owns an interest in the proposed wellbore.

Due to these circumstances, Crescent Point respectfully requests your consent to the above described exception location. If you are in agreement, please verify your consent by signing and dating in the space provided on the second page and return to my attention at [nbailey@cpenergy.com](mailto:nbailey@cpenergy.com). You may also reach me with any questions at (720) 880-3625. Your timely consideration is greatly appreciated.

Sincerely,

  
Nicole Bailey  
Landman

Please be advised that Broughton Petroleum Inc. does not have an objection to the exception location or horizontal drilling of the Hicken Tribal 2-16-3-1E-H1

  
By

Lois Krenek Vice President

\_\_\_\_\_  
Name & Title

7-25-16  
Date