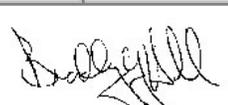


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Deep Creek 10-22-4-2E					
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 UNDESIGNATED					
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME					
6. NAME OF OPERATOR CRESCENT POINT ENERGY U.S. CORP						7. OPERATOR PHONE 720 880-3621					
8. ADDRESS OF OPERATOR 555 17th Street, Suite 750, Denver, CO, 80202						9. OPERATOR E-MAIL abaldwin@crecidentpointenergy.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Lee Smith						14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-322-1235					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 2400 Sunnyside, Salt Lake City, UT 84108						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		674 FSL 1934 FEL		SWSE	22	4.0 S	2.0 E	U			
Top of Uppermost Producing Zone		1983 FSL 1994 FEL		NWSE	22	4.0 S	2.0 E	U			
At Total Depth		1983 FSL 1994 FEL		NWSE	22	4.0 S	2.0 E	U			
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 674			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: 7420 TVD: 7124					
27. ELEVATION - GROUND LEVEL 4851			28. BOND NUMBER LPM9080271			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478					
Hole, Casing, and Cement Information											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight	
COND	24	16	0 - 40	65.0	H-40 ST&C	8.3	No Used	0	0.0	0.0	
SURF	12.25	9.625	0 - 1000	36.0	J-55 ST&C	8.3	Class G	450	1.15	15.8	
PROD	7.875	5.5	0 - 7420	17.0	N-80 LT&C	10.0	Light (Hibond)	186	4.31	10.5	
							Class G	500	1.65	13.1	
ATTACHMENTS											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
NAME Emily Kate DeGrasse			TITLE Regulatory & Government Affairs Analyst			PHONE 720 880-3644					
SIGNATURE			DATE 11/06/2013			EMAIL edegrasse@crecidentpointenergy.com					
API NUMBER ASSIGNED 43047541800000			APPROVAL  Permit Manager								

Crescent Point Energy U.S. Corp

Deep Creek 10-22-4-2E

SHL: SW/SE of Section 22, T4S, R2E, USB&M

BHL: NW/SE of Section 22, T4S, R2E, USB&M

SHL: 674' FSL & 1934' FEL

BHL: 1983' FSL & 1994' FEL

Uintah County, Utah

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

Formation	Depth – TVD	Depth-MD
Uinta	Surface	Surface
Upper Green River Marker	3,085'	3,305'
Mahogany	3,556'	3,830'
Garden Gulch (TGR3)	4,573'	4,869'
Douglas Creek	5,330'	5,626'
Black Shale	5,830'	6,126'
Castle Peak	6,080'	6,376'
Uteland	6,372'	6,668'
Wasatch	6,542'	6,820'
TD	7,124'	7,420'

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

Green River Formation (Oil)	3,305' – 6,820'
Wasatch Formation (Oil)	6,820' – 7,420'

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

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

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

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

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

Size	Interval		Weight	Grade	Coupling	Design Factors			
	Top	Bottom				Burst	Collapse	Tension	
Conductor 16" Hole Size 24"	0'	40'	65	H-40	STC	1,640	670	439	API
Surface casing 9-5/8" Hole Size 12-1/4"	0'	1000'	36	J-55	STC	3,520 405 8.69	2,020 696 2.90	423,000 36,000 11.75	API Load SF
Prod casing 5-1/2" Hole Size 7- 7/8"	0'	7,420'	17	E-80	LTC	7,740 6,200 1.25	6,290 3,800 1.66	348,000 128,000 2.72	API Load SF

Assumptions:

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

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

Minimum Safety Factors:

Burst = 1.000
Collapse = 1.125
Tension = 1.800

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

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

Cementing Design:

Job	Fill	Description	Excess	Sacks	Weight (ppg)	Yield (ft ³ /sk)
Surface casing	1000' - surface	Class V 2% chlorides	75%	492	15.8	1.15
Prod casing Lead	3290' to Surface	Hifill Class V 3% chlorides	25% in open-hole, 0% in Cased hole	186	10.5	4.31
Prod casing Tail	TD to 3290'	Class G 10% chlorides	15%	500	13.1	1.65

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

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

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

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

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

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

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

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

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

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

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated of the top of the cement behind the casing,

depth of the cementing tools used, casing method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

5. Drilling Fluids Program

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

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

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

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

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

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

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

6. Minimum Specifications for Pressure Control

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

The configuration is as follows:

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

- 2 Choke line valves at 3" minimum
- Choke line at 3" minimum
- 2 adjustable chokes on manifold
- Pressure gauge on choke manifold

7. BOPE Test Criteria

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

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

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

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

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

8. Accumulator

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

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

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

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

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

9. Testing, Logging and Coring Programs

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

10. Anticipated Abnormal Pressures or Temperature

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

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

11. Anticipated Starting Date and Duration of Operations

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

12. Variations Requested from Onshore Order No. 2

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

CONFIDENTIAL

R. 2 E.



SCALE 1" = 1000'
GRID NORTH

T. 4 S.

SHL

LATITUDE (NAD 83)
NORTH 40.116720 DEG.
LONGITUDE (NAD 83)
WEST 109.751439 DEG.

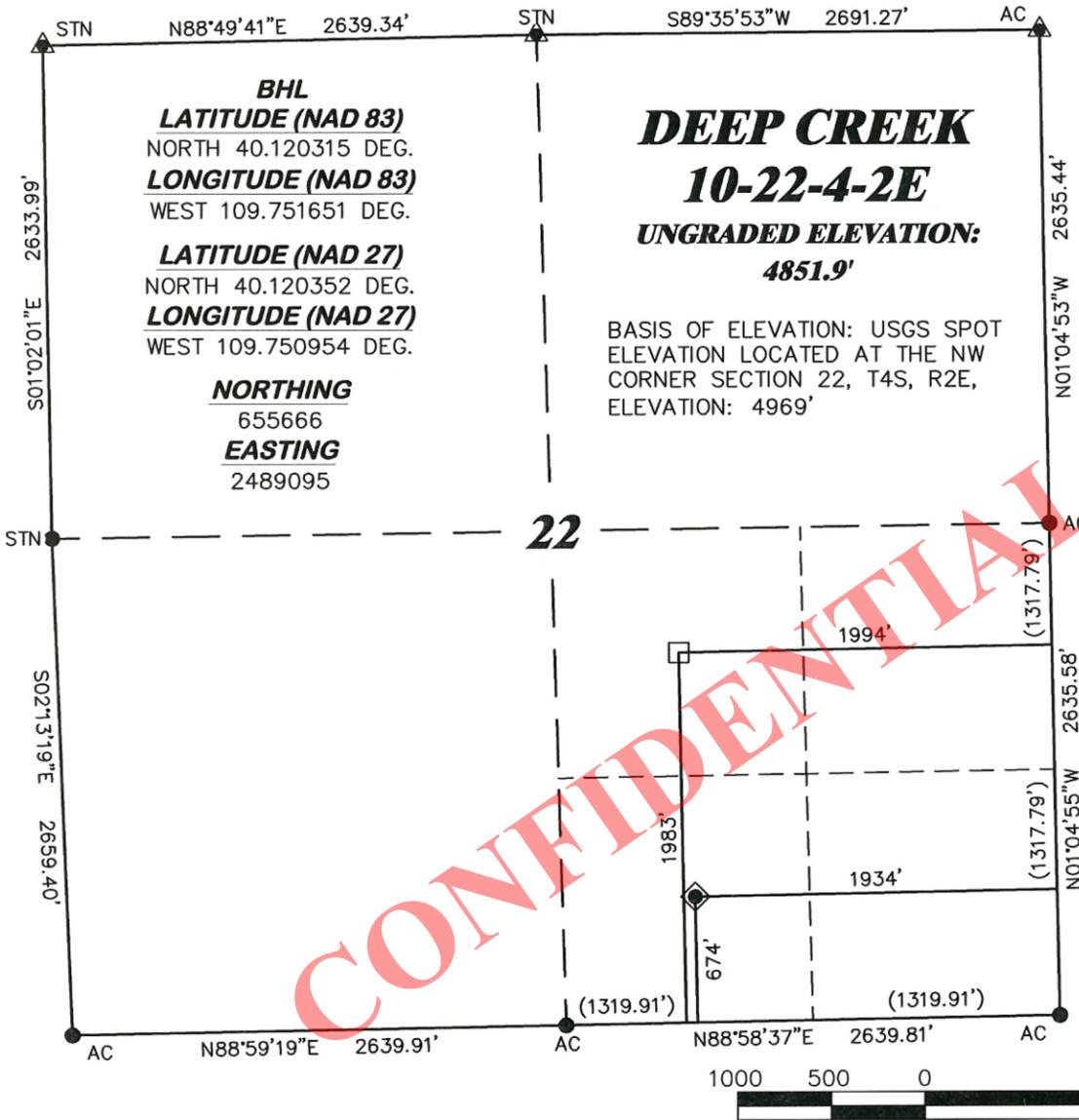
LATITUDE (NAD 27)
NORTH 40.116757 DEG.
LONGITUDE (NAD 27)
WEST 109.750742 DEG.

NORTHING
654357.59
EASTING
2489179.86

DATUM
SPCS UTC (NAD 27)

DEEP CREEK
10-22-4-2E
UNGRADED ELEVATION:
4851.9'

BASIS OF ELEVATION: USGS SPOT
ELEVATION LOCATED AT THE NW
CORNER SECTION 22, T4S, R2E,
ELEVATION: 4969'



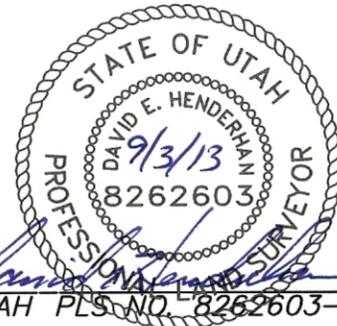
CONFIDENTIAL

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 25th DAY OF AUGUST, 2013 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF DEEP CREEK 10-22-4-2E AS STAKED ON THE GROUND.

LEGEND

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



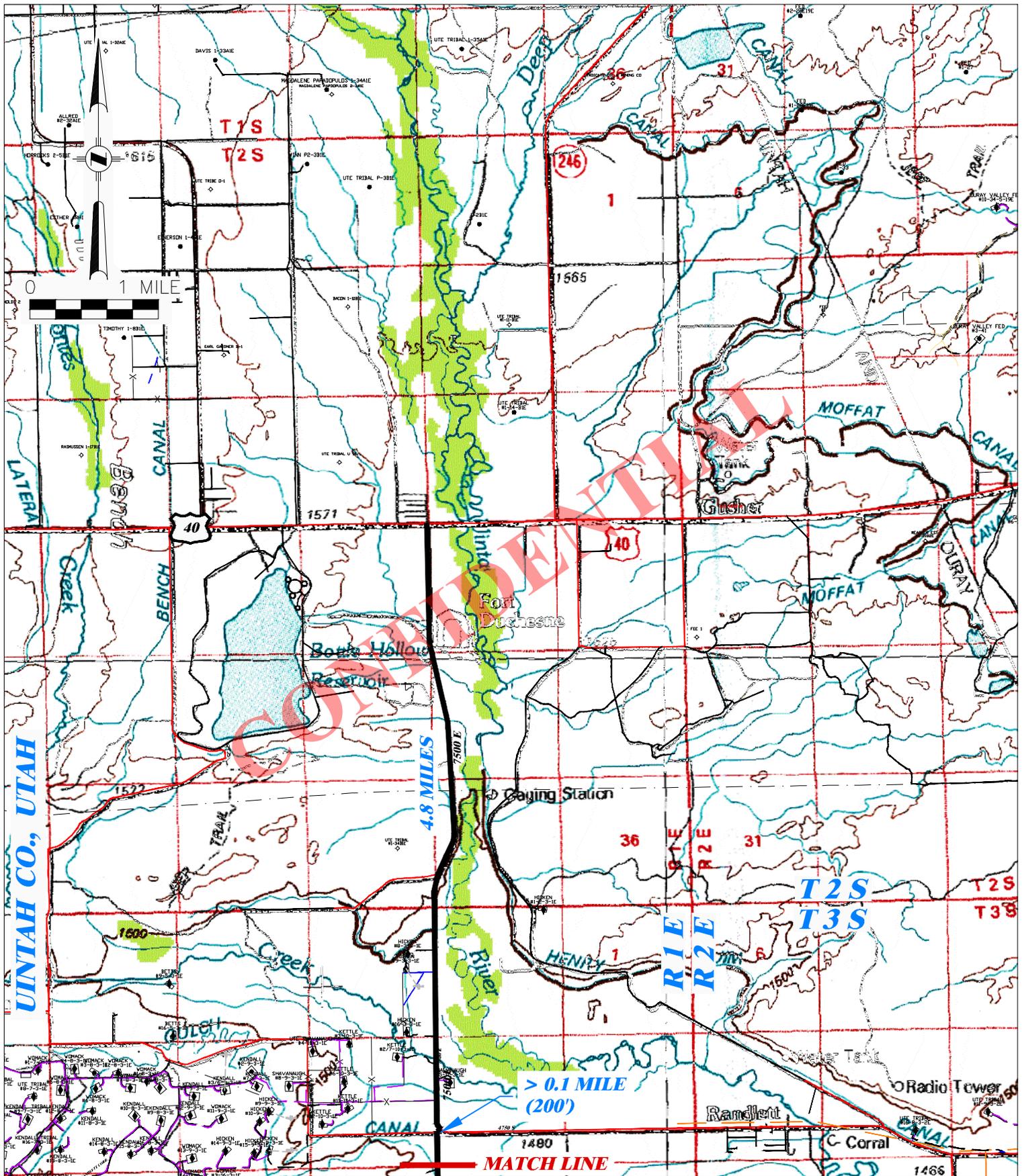
UTAH PLS. NO. 8262603-2201

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

**PLAT OF DRILLING LOCATION IN
SWSE, SECTION 22, FOR
CRESCENT POINT ENERGY**

**674' F/SL, & 1934' F/EL, SECTION 22,
T. 4 S., R. 2 E., U.S.M.,
UINTAH COUNTY, UTAH**

DRAWN: 8/30/2013 - RAS	SCALE: 1" = 1000'
REVISED: N/A -.	DRG JOB No. 20038
	EXHIBIT 1

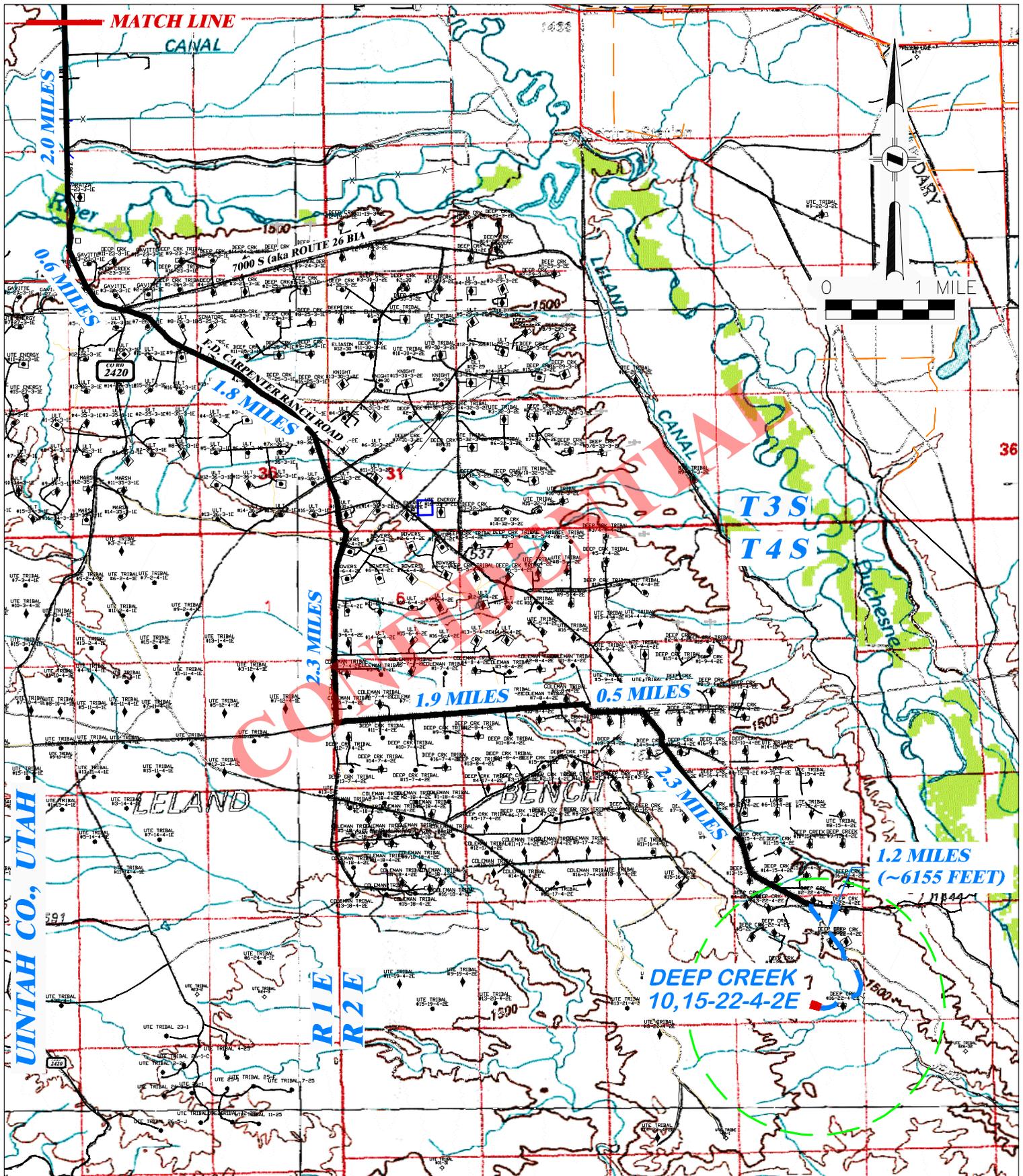


DRG RIFFIN & ASSOCIATES, INC.
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

**PROPOSED ACCESS FOR
 CRESCENT POINT ENERGY
 DEEP CREEK 10,15-22-4-2E
 SECTION 22, T. 4 S., R. 2 E.**

DRAWN: 8/30/2013 - RAS	SCALE: 1" = 1 MILE
REVISED: N/A -	DRG JOB No. 20038
	TOPO A - 1 OF 2

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

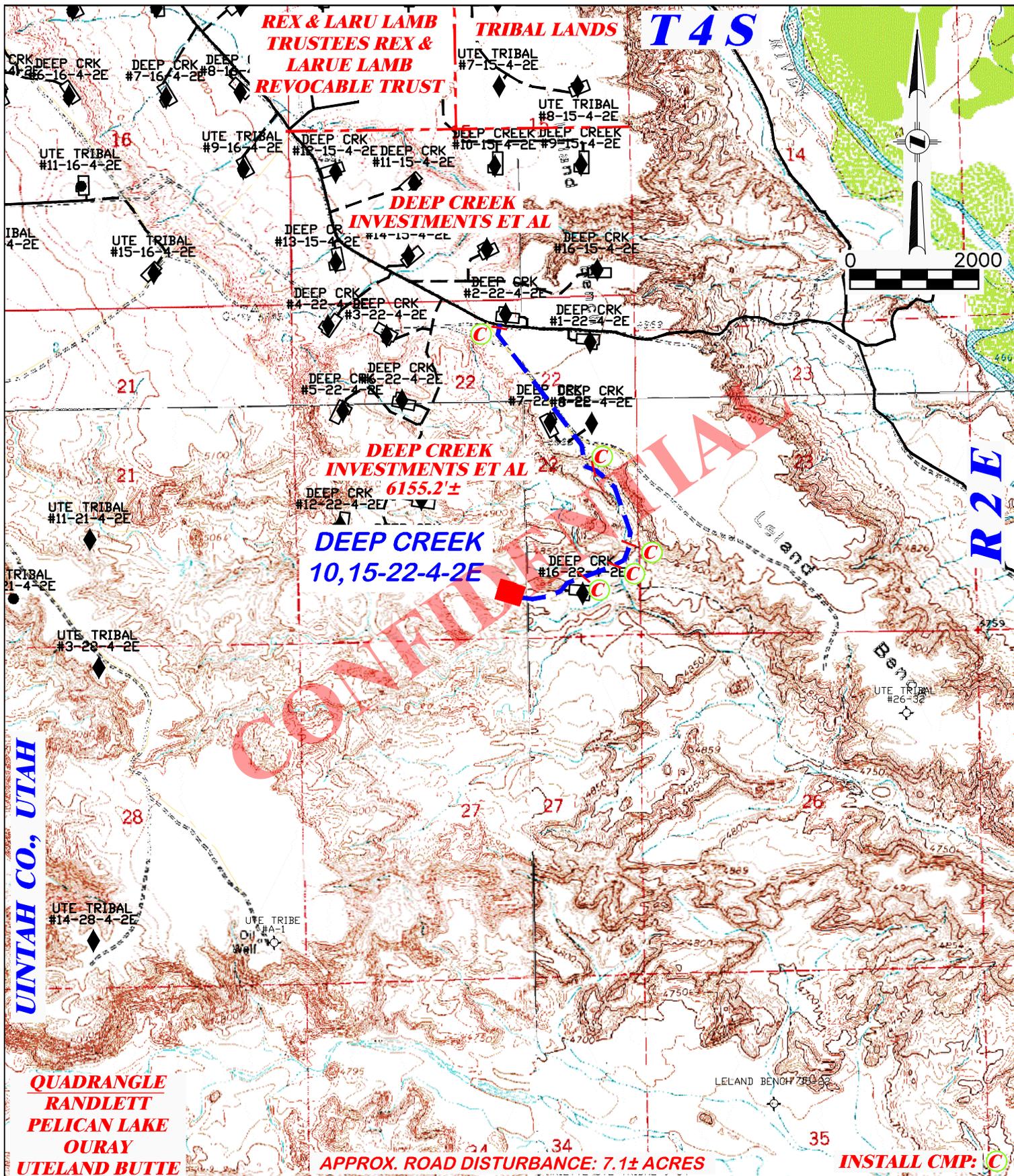


DRG RIFFIN & ASSOCIATES, INC.
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

**PROPOSED ACCESS FOR
 CRESCENT POINT ENERGY
 DEEP CREEK 10,15-22-4-2E
 SECTION 22, T. 4 S., R. 2 E.**

DRAWN: 8/30/2013 - RAS	SCALE: 1" = 1 MILE
REVISED: N/A -	DRG JOB No. 20038
	TOPO A - 2 OF 2

PROPOSED ROAD ——— EXISTING ROAD ———



APPROX. ROAD DISTURBANCE: 7.1± ACRES

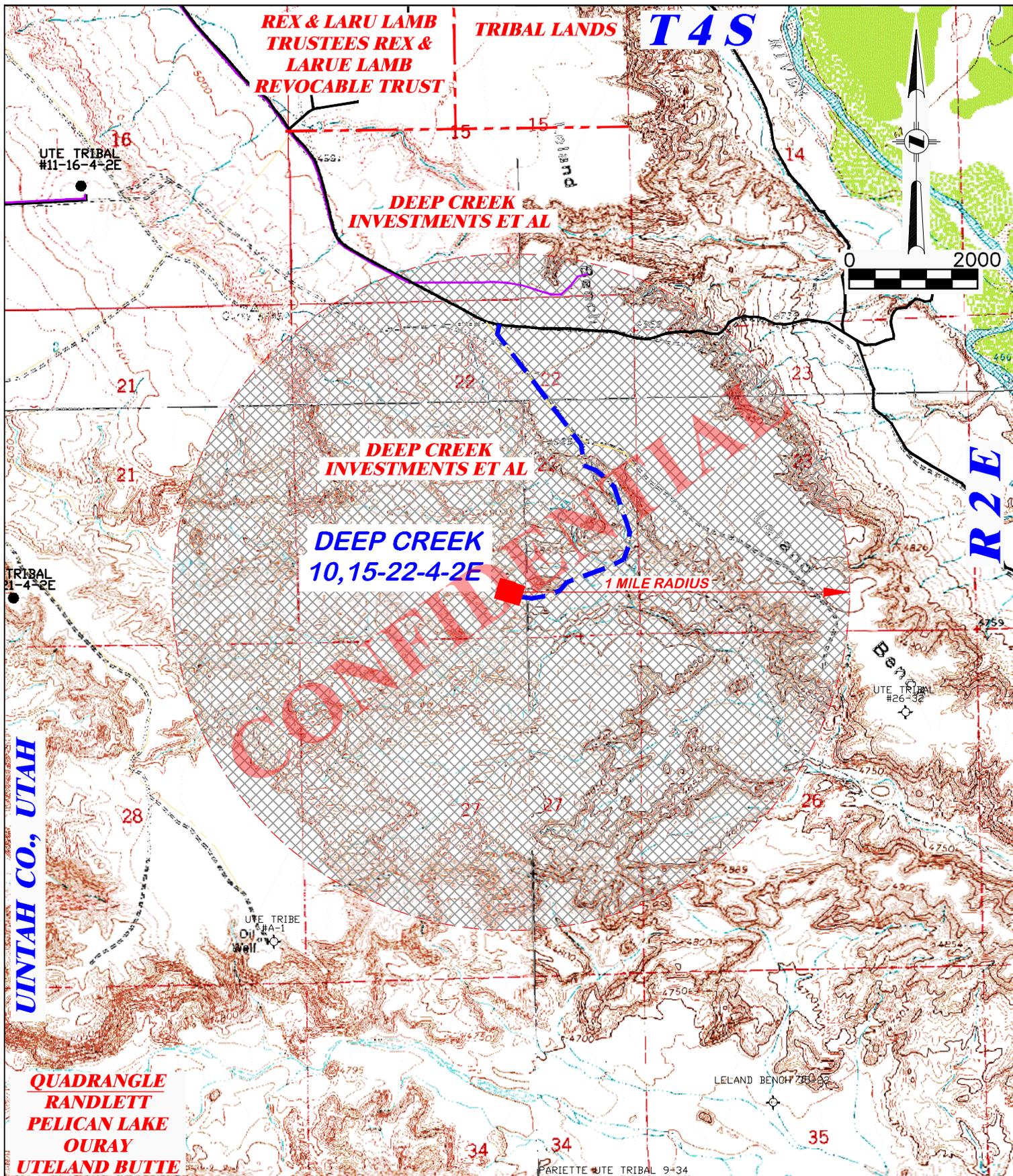
INSTALL CMP: C

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

DRAWN: 8/30/2013 - RAS	SCALE: 1" = 2000'
REVISED: N/A -	DRG JOB No. 20038
	TOPO B

**PROPOSED ROAD FOR
 CRESCENT POINT ENERGY
 DEEP CREEK 10,15-22-4-2E
 SECTION 22, T. 4 S., R. 2 E.**

TOTAL PROPOSED LENGTH: 6155.2±	
PROPOSED ROAD ————	EXISTING ROAD ————

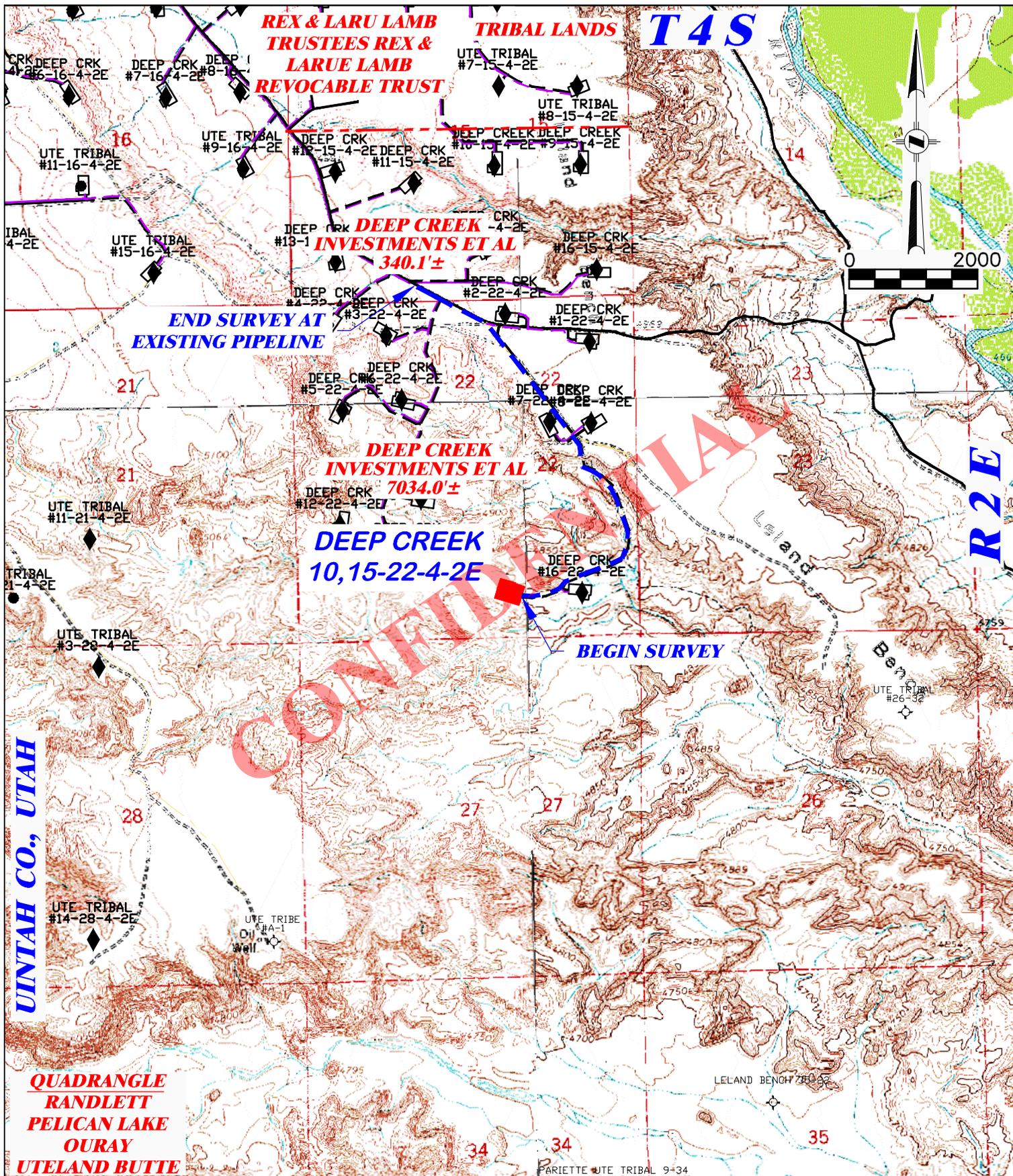


DRG RIFFIN & ASSOCIATES, INC.
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 8/30/2013 - RAS	SCALE: 1" = 2000'
REVISED: N/A -	DRG JOB No. 20038
	TOPO C

**ONE MILE RADIUS FOR
 CRESCENT POINT ENERGY
 DEEP CREEK 10,15-22-4-2E
 SECTION 22, T. 4 S., R. 2 E.**

PROPOSED ROAD ———— EXISTING ROAD ————



 DRG RIFFIN & ASSOCIATES, INC. (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901		PROPOSED PIPELINE FOR CRESCENT POINT ENERGY DEEP CREEK 10,15-22-4-2E SECTION 22, T. 4 S., R. 2 E.	
DRAWN: 8/30/2013 - RAS		SCALE: 1" = 2000'	
REVISED: N/A -		DRG JOB No. 20038	
TOPO D		TOTAL PROPOSED LENGTH: 7374.1'±	
		PROPOSED PIPELINE ———	EXISTING ROAD ———



Crescent Point Energy Corp.

Sec. 22 T4S R2E

Deep Creek

Deep Creek 10-22-4-2E

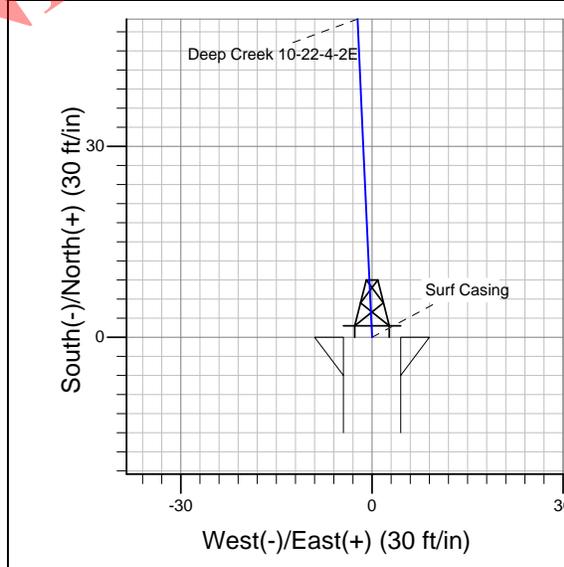
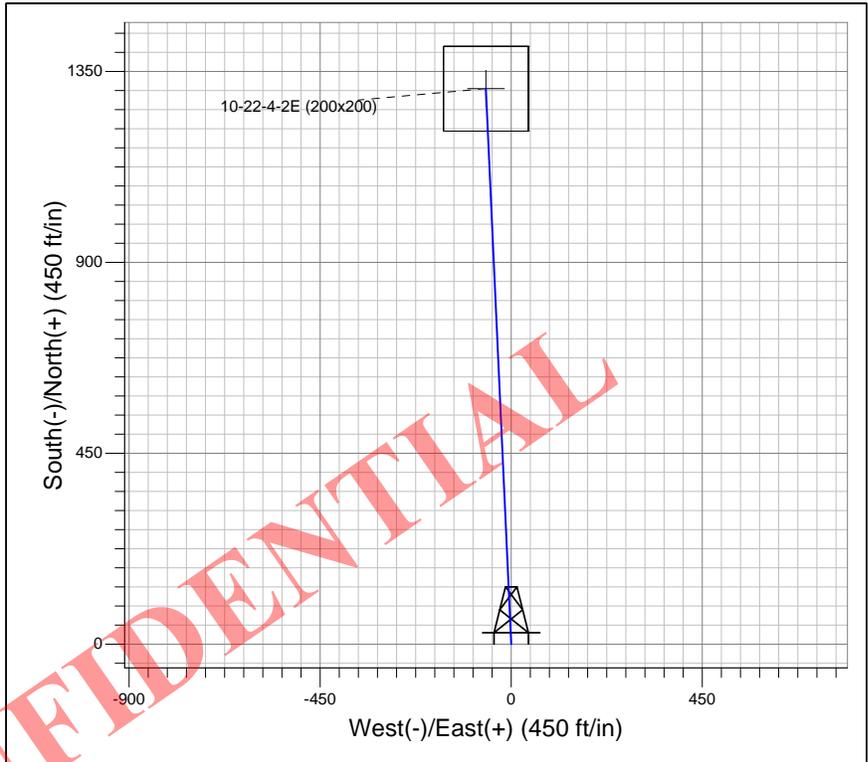
Wellbore #1

Plan: Plan #1 30Sep13 kjs

Standard Planning Report - Geographic

01 October, 2013

CONFIDENTIAL



Project: Sec. 22 T4S R2E
 Site: Deep Creek
 Well: Deep Creek 10-22-4-2E
 Plan: Plan #1 30Sep13 kjs

M Azimuths to True North
 Magnetic North: 10.90°

Magnetic Field
 Strength: 52132.2snT
 Dip Angle: 65.86°
 Date: 9/25/2013
 Model: IGRF2010

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3085.0	3304.8	Upper Green River Marker
3556.0	3829.7	Mahogany
4573.0	4869.3	Garder Gulch (TGR3)
5330.0	5626.3	Douglas Creek
5830.0	6126.3	Black Shale
6080.0	6376.3	Castle Peak
6372.0	6668.3	Uteland
6524.0	6820.3	Wasatch
7124.0	7420.3	TD

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1050.0	0.00	0.00	1050.0	0.0	0.0	0.00	0.00	0.0	
3	2070.2	30.61	357.41	2022.4	265.8	-12.0	3.00	357.41	266.1	
4	3339.0	30.61	357.41	3114.4	911.1	-41.2	0.00	0.00	912.1	
5	4869.3	0.00	0.00	4573.0	1309.8	-59.3	2.00	180.00	1311.2	10-22-4-2E (200x200)
6	7420.3	0.00	0.00	7124.0	1309.8	-59.3	0.00	0.00	1311.2	

TVD	MD	Annotation
1050.0	1050.0	Start Build 3.00
2022.4	2070.2	Hold 30.61 Inc, 357.41° azi
3114.4	3339.0	Start Drop -2.00
4573.0	4869.3	Vertical
7124.0	7420.3	TD at 7420.3



New Tech
 Planning Report - Geographic

Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Well Deep Creek 10-22-4-2E
Company:	Crescent Point Energy Corp.	TVD Reference:	WELL @ 4877.0ft (Original Well Elev)
Project:	Sec. 22 T4S R2E	MD Reference:	WELL @ 4877.0ft (Original Well Elev)
Site:	Deep Creek	North Reference:	True
Well:	Deep Creek 10-22-4-2E	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 30Sep13 kjs		

Project	Sec. 22 T4S R2E, Uintah County, Utah		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Northern Zone		

Site	Deep Creek				
Site Position:		Northing:	657,017.01 ft	Latitude:	33° 6' 57.372 N
From:	Map	Easting:	2,490,624.88 ft	Longitude:	108° 44' 58.420 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	1.81 °

Well	Deep Creek 10-22-4-2E					
Well Position	+N/-S	0.0 ft	Northing:	3,206,832.81 ft	Latitude:	40° 7' 0.192 N
	+E/-W	0.0 ft	Easting:	2,129,504.44 ft	Longitude:	109° 45' 5.180 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,852.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/25/2013	10.90	65.86	52,132

Design	Plan #1 30Sep13 kjs			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	357.41

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,050.0	0.00	0.00	1,050.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,070.2	30.61	357.41	2,022.4	265.8	-12.0	3.00	3.00	0.00	357.41	
3,339.0	30.61	357.41	3,114.4	911.1	-41.2	0.00	0.00	0.00	0.00	
4,869.3	0.00	0.00	4,573.0	1,309.8	-59.3	2.00	-2.00	0.00	180.00	10-22-4-2E (200x20)
7,420.3	0.00	0.00	7,124.0	1,309.8	-59.3	0.00	0.00	0.00	0.00	



New Tech
 Planning Report - Geographic

Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Well Deep Creek 10-22-4-2E
Company:	Crescent Point Energy Corp.	TVD Reference:	WELL @ 4877.0ft (Original Well Elev)
Project:	Sec. 22 T4S R2E	MD Reference:	WELL @ 4877.0ft (Original Well Elev)
Site:	Deep Creek	North Reference:	True
Well:	Deep Creek 10-22-4-2E	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 30Sep13 kjs		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	3,206,832.81	2,129,504.44	40° 7' 0.192 N	109° 45' 5.180 W
200.0	0.00	0.00	200.0	0.0	0.0	3,206,832.81	2,129,504.44	40° 7' 0.192 N	109° 45' 5.180 W
400.0	0.00	0.00	400.0	0.0	0.0	3,206,832.81	2,129,504.44	40° 7' 0.192 N	109° 45' 5.180 W
600.0	0.00	0.00	600.0	0.0	0.0	3,206,832.81	2,129,504.44	40° 7' 0.192 N	109° 45' 5.180 W
800.0	0.00	0.00	800.0	0.0	0.0	3,206,832.81	2,129,504.44	40° 7' 0.192 N	109° 45' 5.180 W
1,000.0	0.00	0.00	1,000.0	0.0	0.0	3,206,832.81	2,129,504.44	40° 7' 0.192 N	109° 45' 5.180 W
Surf Casing									
1,050.0	0.00	0.00	1,050.0	0.0	0.0	3,206,832.81	2,129,504.44	40° 7' 0.192 N	109° 45' 5.180 W
Start Build 3.00									
1,200.0	4.50	357.41	1,199.8	5.9	-0.3	3,206,838.68	2,129,504.06	40° 7' 0.250 N	109° 45' 5.184 W
1,400.0	10.50	357.41	1,398.0	31.9	-1.4	3,206,864.72	2,129,502.35	40° 7' 0.508 N	109° 45' 5.199 W
1,600.0	16.50	357.41	1,592.4	78.6	-3.6	3,206,911.29	2,129,499.30	40° 7' 0.968 N	109° 45' 5.226 W
1,800.0	22.50	357.41	1,780.9	145.2	-6.6	3,206,977.88	2,129,494.95	40° 7' 1.627 N	109° 45' 5.265 W
2,000.0	28.50	357.41	1,961.3	231.2	-10.5	3,207,063.76	2,129,489.32	40° 7' 2.476 N	109° 45' 5.315 W
2,070.2	30.61	357.41	2,022.4	265.8	-12.0	3,207,098.31	2,129,487.06	40° 7' 2.818 N	109° 45' 5.335 W
Hold 30.61 Inc, 357.41° azi									
2,200.0	30.61	357.41	2,134.1	331.8	-15.0	3,207,164.25	2,129,482.75	40° 7' 3.470 N	109° 45' 5.374 W
2,400.0	30.61	357.41	2,306.2	433.5	-19.6	3,207,265.86	2,129,476.09	40° 7' 4.476 N	109° 45' 5.433 W
2,600.0	30.61	357.41	2,478.4	535.3	-24.2	3,207,367.47	2,129,469.44	40° 7' 5.481 N	109° 45' 5.492 W
2,800.0	30.61	357.41	2,650.5	637.0	-28.8	3,207,469.08	2,129,462.79	40° 7' 6.486 N	109° 45' 5.552 W
3,000.0	30.61	357.41	2,822.6	738.7	-33.4	3,207,570.69	2,129,456.14	40° 7' 7.491 N	109° 45' 5.611 W
3,200.0	30.61	357.41	2,994.8	840.4	-38.0	3,207,672.30	2,129,449.49	40° 7' 8.496 N	109° 45' 5.670 W
3,304.8	30.61	357.41	3,085.0	893.7	-40.5	3,207,725.55	2,129,446.00	40° 7' 9.023 N	109° 45' 5.701 W
Upper Green River Marker									
3,339.0	30.61	357.41	3,114.4	911.1	-41.2	3,207,742.93	2,129,444.87	40° 7' 9.195 N	109° 45' 5.711 W
Start Drop -2.00									
3,400.0	29.39	357.41	3,167.2	941.6	-42.6	3,207,773.35	2,129,442.88	40° 7' 9.495 N	109° 45' 5.729 W
3,600.0	25.39	357.41	3,344.8	1,033.5	-46.8	3,207,865.13	2,129,436.87	40° 7' 10.403 N	109° 45' 5.783 W
3,800.0	21.39	357.41	3,528.3	1,112.8	-50.4	3,207,944.33	2,129,431.68	40° 7' 11.187 N	109° 45' 5.829 W
3,829.7	20.79	357.41	3,556.0	1,123.4	-50.9	3,207,954.99	2,129,430.99	40° 7' 11.292 N	109° 45' 5.835 W
Mahogany									
4,000.0	17.39	357.41	3,716.9	1,179.1	-53.4	3,208,010.57	2,129,427.35	40° 7' 11.842 N	109° 45' 5.867 W
4,200.0	13.39	357.41	3,909.7	1,232.1	-55.8	3,208,063.51	2,129,423.88	40° 7' 12.366 N	109° 45' 5.898 W
4,400.0	9.39	357.41	4,105.8	1,271.5	-57.6	3,208,102.90	2,129,421.30	40° 7' 12.755 N	109° 45' 5.921 W
4,600.0	5.39	357.41	4,304.1	1,297.2	-58.7	3,208,128.56	2,129,419.63	40° 7' 13.009 N	109° 45' 5.936 W
4,800.0	1.39	357.41	4,503.7	1,309.0	-59.3	3,208,140.34	2,129,418.85	40° 7' 13.126 N	109° 45' 5.943 W
4,869.3	0.00	0.00	4,573.0	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
Vertical - Garder Gulch (TGR3) - 10-22-4-2E (200x200)									
5,000.0	0.00	0.00	4,703.7	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
5,200.0	0.00	0.00	4,903.7	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
5,400.0	0.00	0.00	5,103.7	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
5,600.0	0.00	0.00	5,303.7	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
5,626.3	0.00	0.00	5,330.0	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
Douglas Creek									
5,800.0	0.00	0.00	5,503.7	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
6,000.0	0.00	0.00	5,703.7	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
6,126.3	0.00	0.00	5,830.0	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
Black Shale									
6,200.0	0.00	0.00	5,903.7	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
6,376.3	0.00	0.00	6,080.0	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
Castle Peak									
6,400.0	0.00	0.00	6,103.7	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
6,600.0	0.00	0.00	6,303.7	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W



New Tech

Planning Report - Geographic

Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Well Deep Creek 10-22-4-2E
Company:	Crescent Point Energy Corp.	TVD Reference:	WELL @ 4877.0ft (Original Well Elev)
Project:	Sec. 22 T4S R2E	MD Reference:	WELL @ 4877.0ft (Original Well Elev)
Site:	Deep Creek	North Reference:	True
Well:	Deep Creek 10-22-4-2E	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 30Sep13 kjs		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
6,668.3	0.00	0.00	6,372.0	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
Uteland									
6,800.0	0.00	0.00	6,503.7	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
6,820.3	0.00	0.00	6,524.0	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
Wasatch									
7,000.0	0.00	0.00	6,703.7	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
7,200.0	0.00	0.00	6,903.7	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
7,400.0	0.00	0.00	7,103.7	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
7,420.3	0.00	0.00	7,124.0	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
TD at 7420.3 - TD									

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
10-22-4-2E (200x200)	0.00	0.00	4,573.0	1,309.8	-59.3	3,208,141.18	2,129,418.80	40° 7' 13.134 N	109° 45' 5.944 W
- hit/miss target									
- Shape									
- plan hits target									
- Rectangle (sides W200.0 H200.0 D2,551.0)									

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
1,000.0	1,000.0	Surf Casing	9-5/8	9-5/8	

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
6,668.3	6,372.0	Uteland			
6,126.3	5,830.0	Black Shale			
7,420.3	7,124.0	TD			
6,820.3	6,524.0	Wasatch			
5,626.3	5,330.0	Douglas Creek			
4,869.3	4,573.0	Garder Gulch (TGR3)			
6,376.3	6,080.0	Castle Peak			
3,304.8	3,085.0	Upper Green River Marker			
3,829.7	3,556.0	Mahogany			



New Tech

Planning Report - Geographic

Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Well Deep Creek 10-22-4-2E
Company:	Crescent Point Energy Corp.	TVD Reference:	WELL @ 4877.0ft (Original Well Elev)
Project:	Sec. 22 T4S R2E	MD Reference:	WELL @ 4877.0ft (Original Well Elev)
Site:	Deep Creek	North Reference:	True
Well:	Deep Creek 10-22-4-2E	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 30Sep13 kjs		

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,050.0	1,050.0	0.0	0.0	Start Build 3.00
2,070.2	2,022.4	265.8	-12.0	Hold 30.61 Inc, 357.41° azi
3,339.0	3,114.4	911.1	-41.2	Start Drop -2.00
4,869.3	4,573.0	1,309.8	-59.3	Vertical
7,420.3	7,124.0	1,309.8	-59.3	TD at 7420.3

CONFIDENTIAL

MEMORANDUM of SURFACE USE AGREEMENT and GRANT OF EASEMENTS

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

WHEREAS, that certain Surface Use Agreement and Grant of Easements ("Agreement") dated effective June 2nd, 2011 has been entered into by and between Deep Creek Investments, whose address is c/o Lee M. Smith, General Partner, 2400 Sunnyside, Salt Lake City, Utah 84108 ("Owner") and Ute Energy, whose address is 1875 Lawrence Street, Suite 200, Denver, CO 80202 ("Operator").

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

Township 4 South, Range 2 East, USM

- Section 9: S/2, NE/4
- Section 10: W/2W/2
- Section 15: S/2
- Section 16: N/2
- Section 22: All

Entry 2011004320
Book 1239 Page 57 \$14.00
16-JUN-11 09:00
RANDY SIMMONS
RECORDER, UINTAH COUNTY, UTAH
UTE ENERGY
PO BOX 789 FT DUCHESNE, UT 84026
Rec By: DEBRA ROOKS , DEPUTY

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

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

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

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

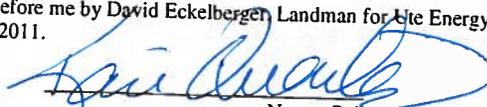
This Memorandum is executed this 14th day of June, 2011



David Eckelberger
Landman

STATE OF COLORADO)
) ss
COUNTY OF DENVER)

The foregoing instrument was acknowledged before me by David Eckelberger, Landman for Ute Energy LLC and Ute Energy Upstream Holdings LLC this 14th day of June, 2011.



Notary Public

Notary Seal:

My Commission expires:

September 15, 2014
Date



My Comm. Expires September 15, 2014

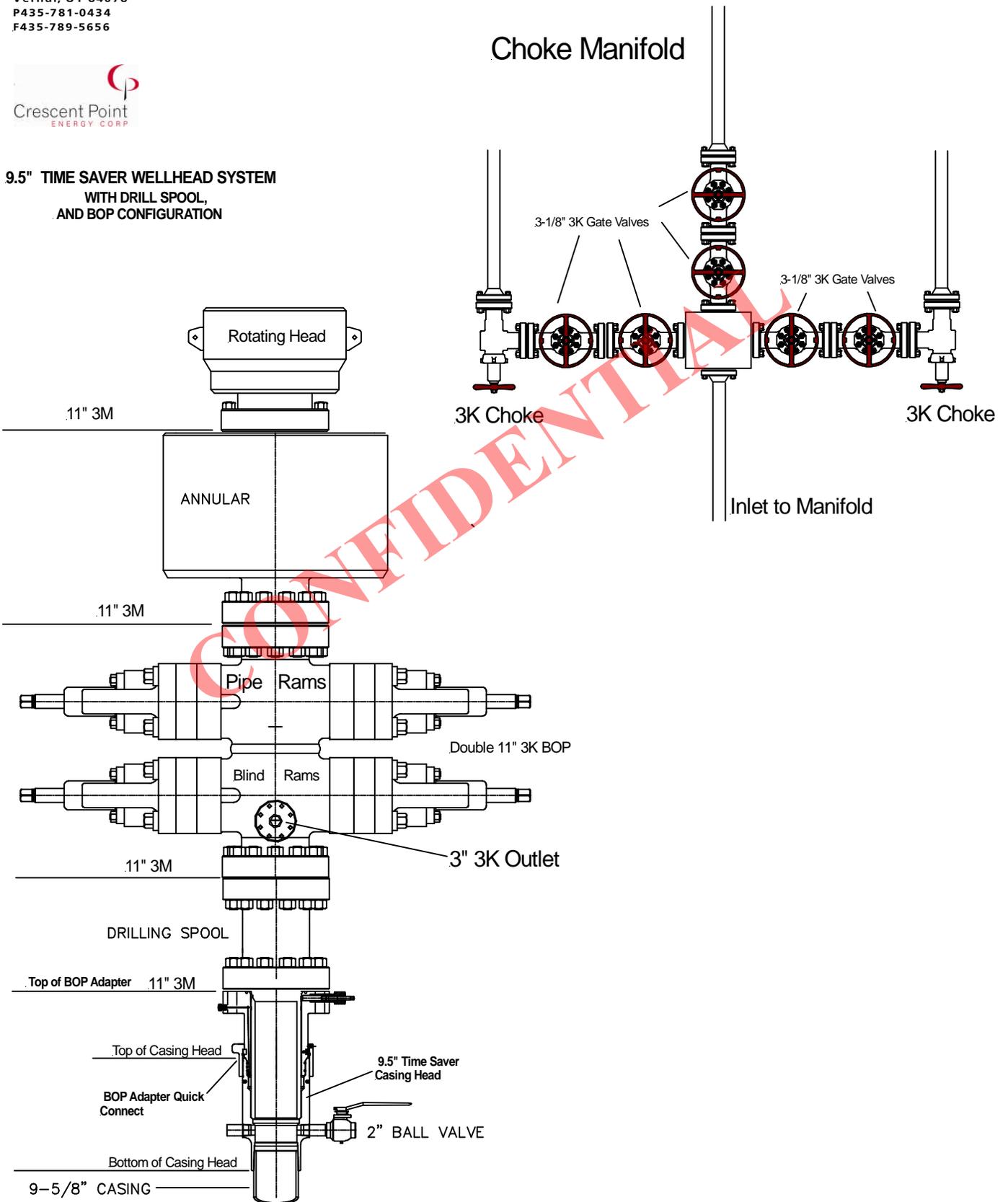


519 E. 300 S.
Vernal, UT 84078
P435-781-0434
F435-789-5656

Oct, 18, 2013



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



July 31, 2014

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

**RE: Exception Location Request
Deep Creek 10-22-4-2E
Township 4 South, Range 2 East, USM
Section 22: NW/4SE/4
Uintah County, Utah**

Dear Mr. Hill:

Due to topography the surface location of Crescent Point Energy U.S. Corp's ("Crescent Point") captioned well falls outside the legal drilling window as required by the State of Utah's default well siting rule R649-3-2. In accordance with R649-3-11, Crescent Point intends to drill the well directionally from a surface location of 674' FSL & 1934' FEL to a legal bottom hole location.

Crescent Point has obtained written consent from all unleased and working interest owners within a 460' radius of the proposed wellbore. Due to these circumstances, CPE respectfully requests that DOGM administratively grant exception locations for the Deep Creek 10-22-4-2E.

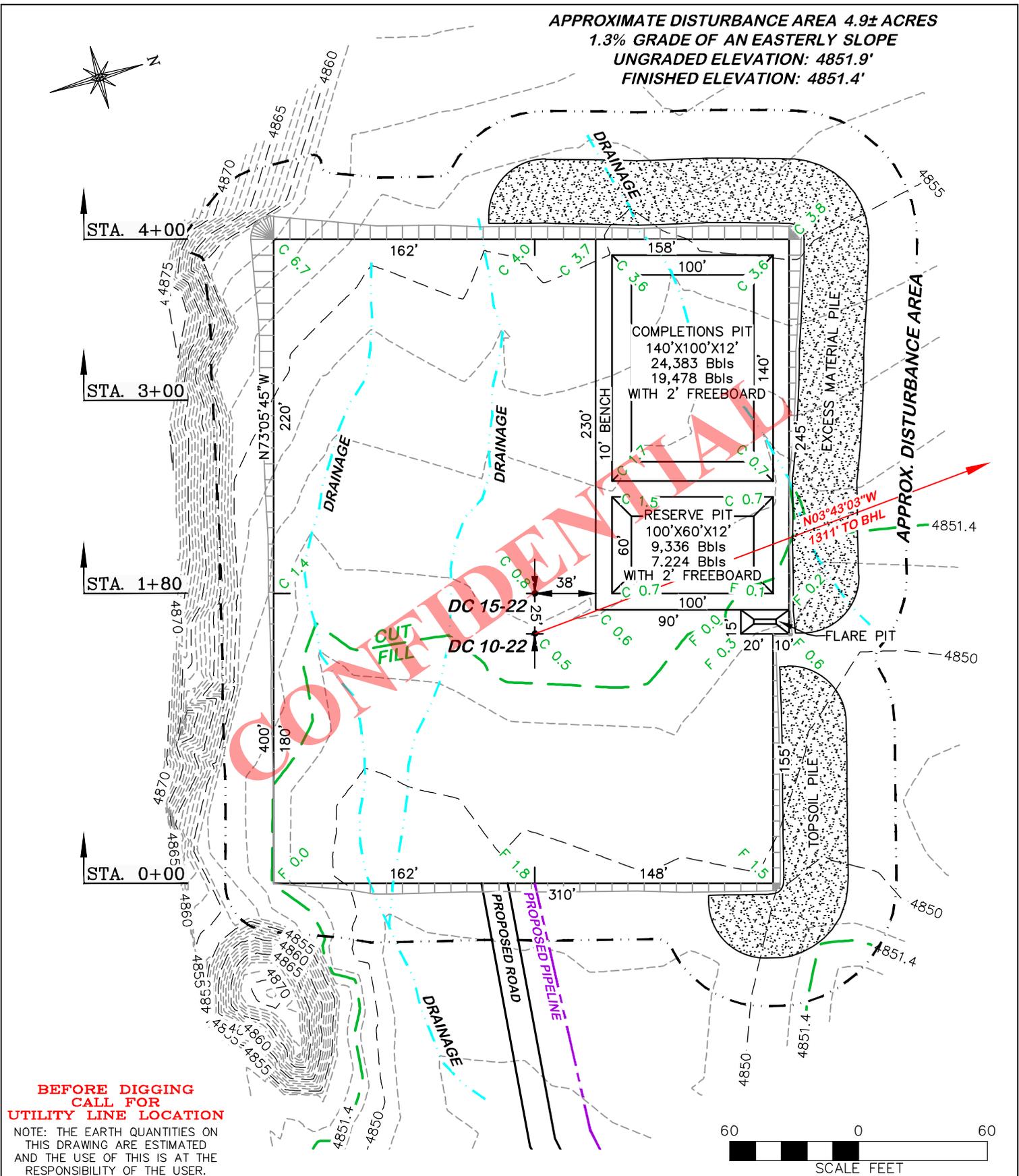
If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-6786 or by email at rwaller@crescentpointenergy.com. Your consideration of this matter is greatly appreciated.

Sincerely,



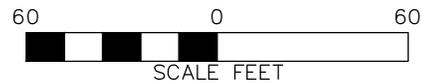
Ryan Waller
Landman

APPROXIMATE DISTURBANCE AREA 4.9± ACRES
 1.3% GRADE OF AN EASTERLY SLOPE
 UNGRADED ELEVATION: 4851.9'
 FINISHED ELEVATION: 4851.4'



**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.



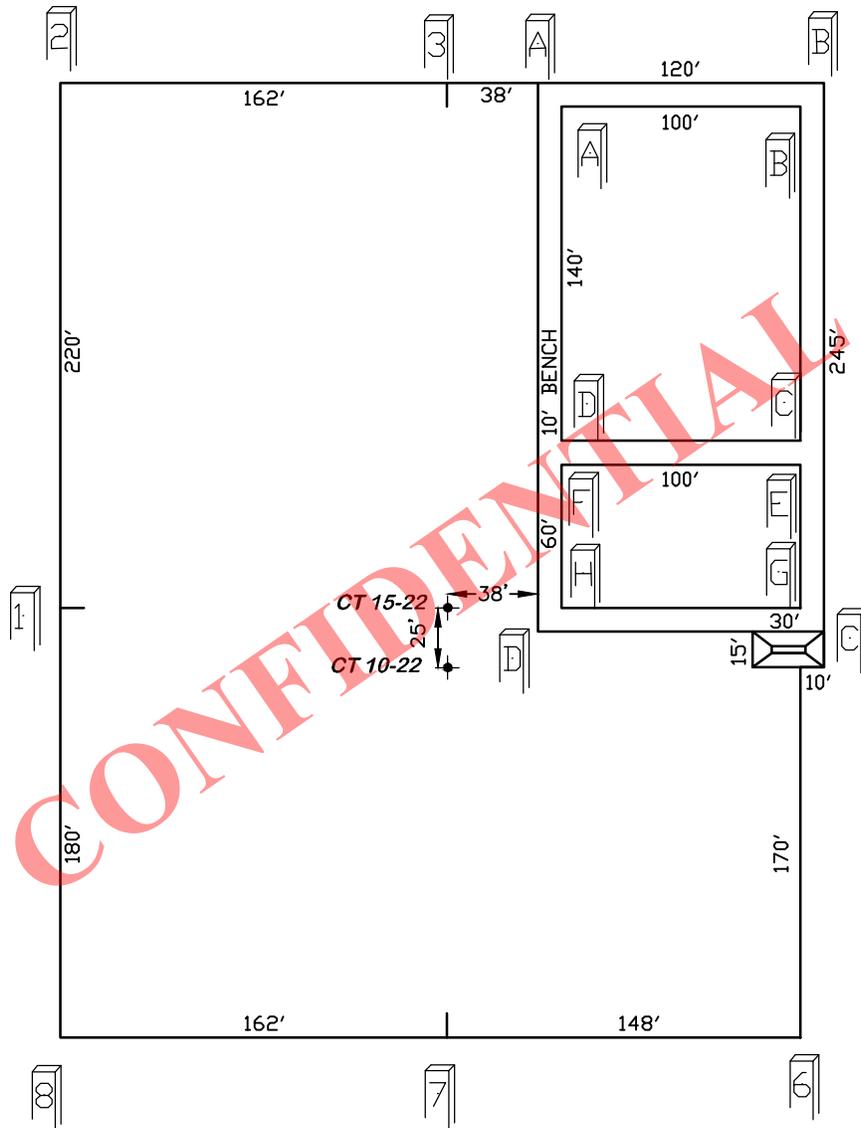
DRG RIFFIN & ASSOCIATES, INC.
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

**CRESCENT POINT ENERGY
 DEEP CREEK 10,15-22-4-2E
 SECTION 22, T. 4 S., R. 2 E.**

DRAWN: 8/30/2013 - RAS
 REVISED: N/A - .

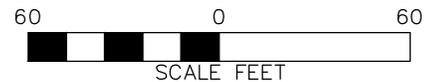
SCALE: 1" = 80'
 DRG JOB No. 20038
 FIGURE 1

UNGRADED ELEVATION: 4851.9'
 FINISHED ELEVATION: 4851.4'



**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.

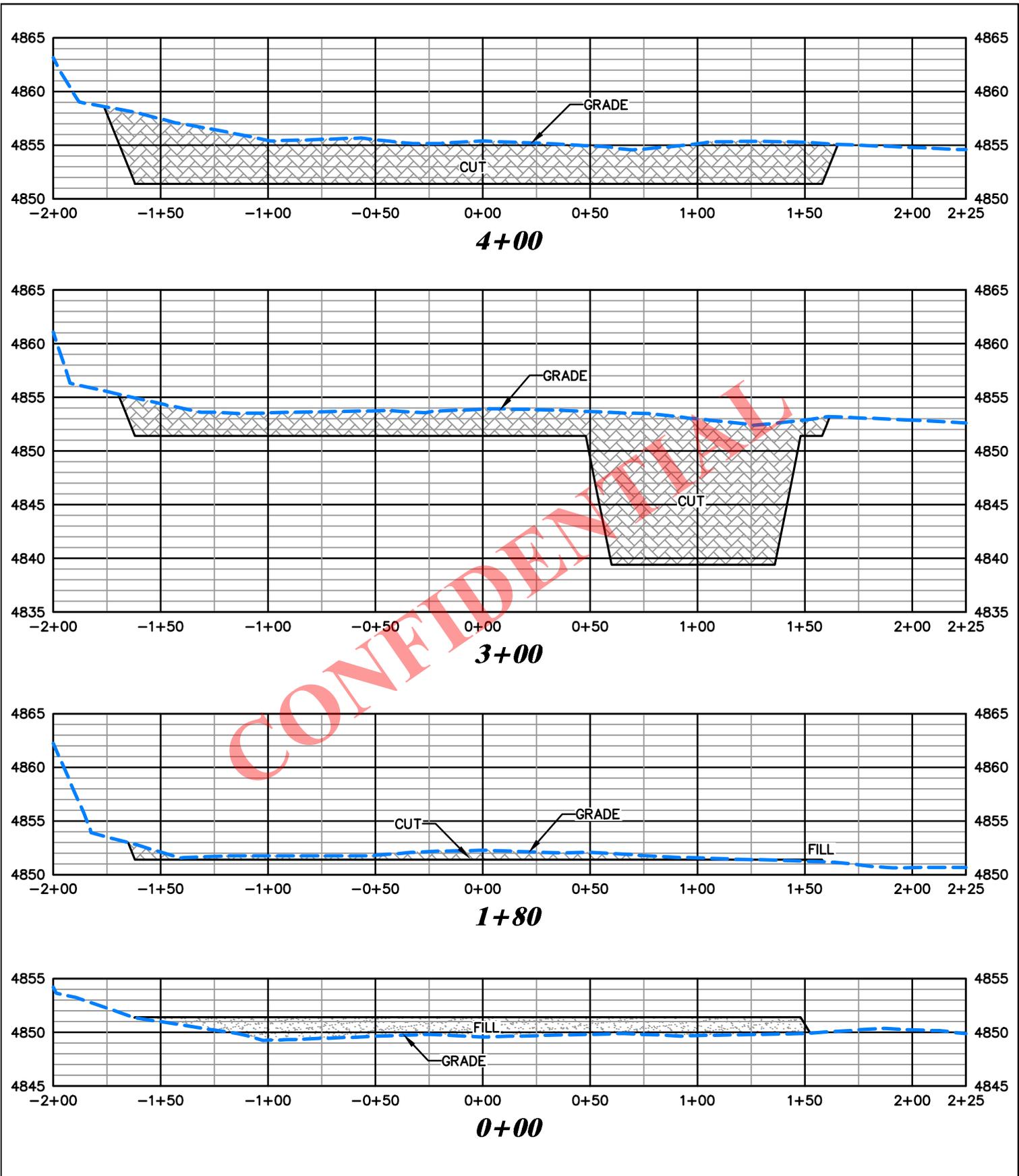


DRG RIFFIN & ASSOCIATES, INC.
 (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 8/30/2013 - RAS	SCALE: 1" = 80'
REVISED: N/A - .	DRG JOB No. 20038
	FIGURE 1A

**PAD LAYOUT
CRESCENT POINT ENERGY
DEEP CREEK 10,15-22-4-2E
SECTION 22, T. 4 S., R. 2 E.**

UNGRADED ELEVATION: 4851.9'
FINISHED ELEVATION: 4851.4'

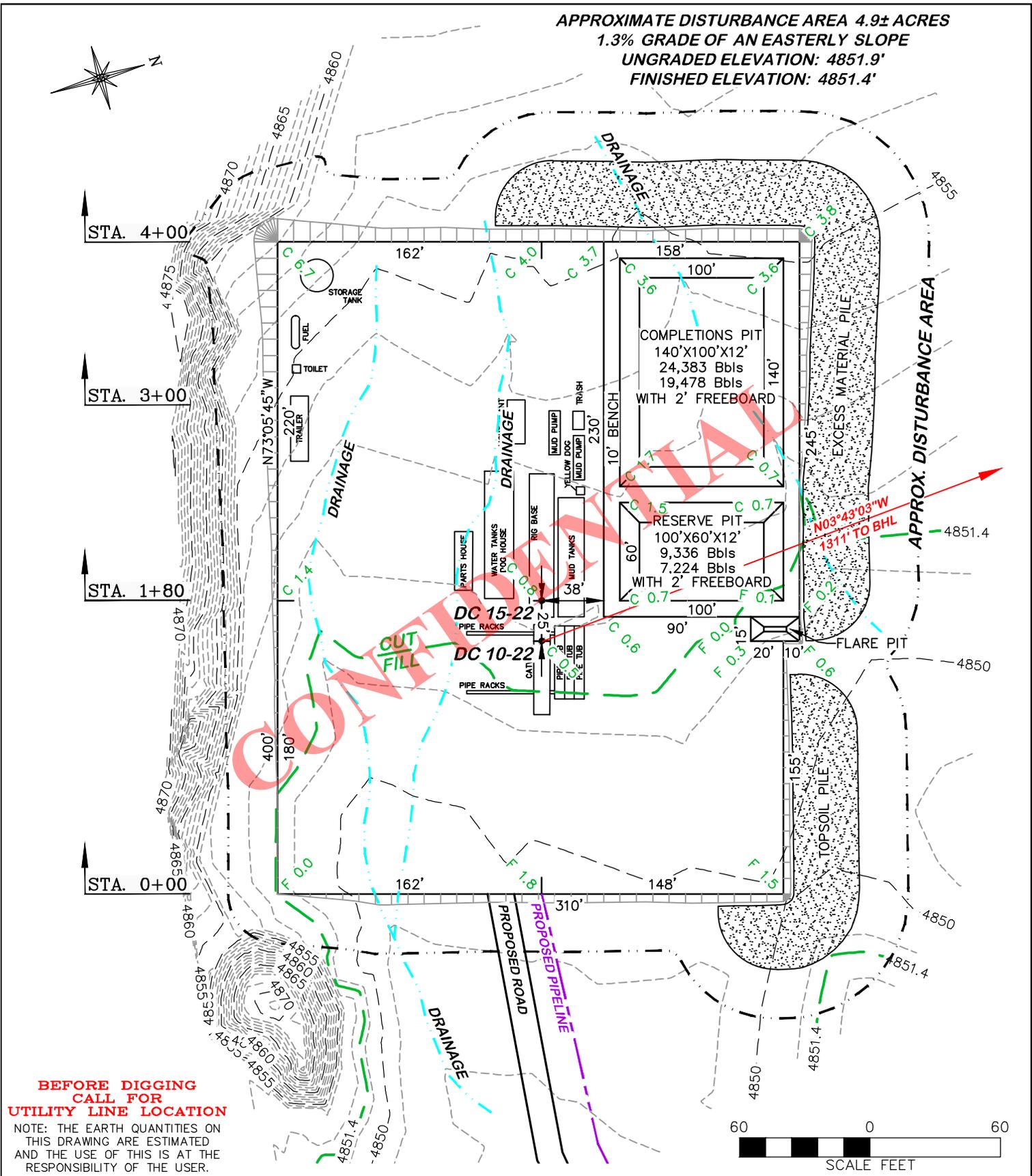


 DRG RIFFIN & ASSOCIATES, INC. (307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901	
DRAWN: 8/30/2013 - RAS	SCALE: HORZ 1" = 60' VERT 1" = 10'
REVISED: N/A - .	DRG JOB No. 20038
FIGURE 2	

**CRESCENT POINT ENERGY
DEEP CREEK 10,15-22-4-2E
SECTION 22, T. 4 S., R. 2 E.**

UNGRADED ELEVATION: 4851.9'
FINISHED ELEVATION: 4851.4'

APPROXIMATE DISTURBANCE AREA 4.9± ACRES
 1.3% GRADE OF AN EASTERLY SLOPE
 UNGRADED ELEVATION: 4851.9'
 FINISHED ELEVATION: 4851.4'



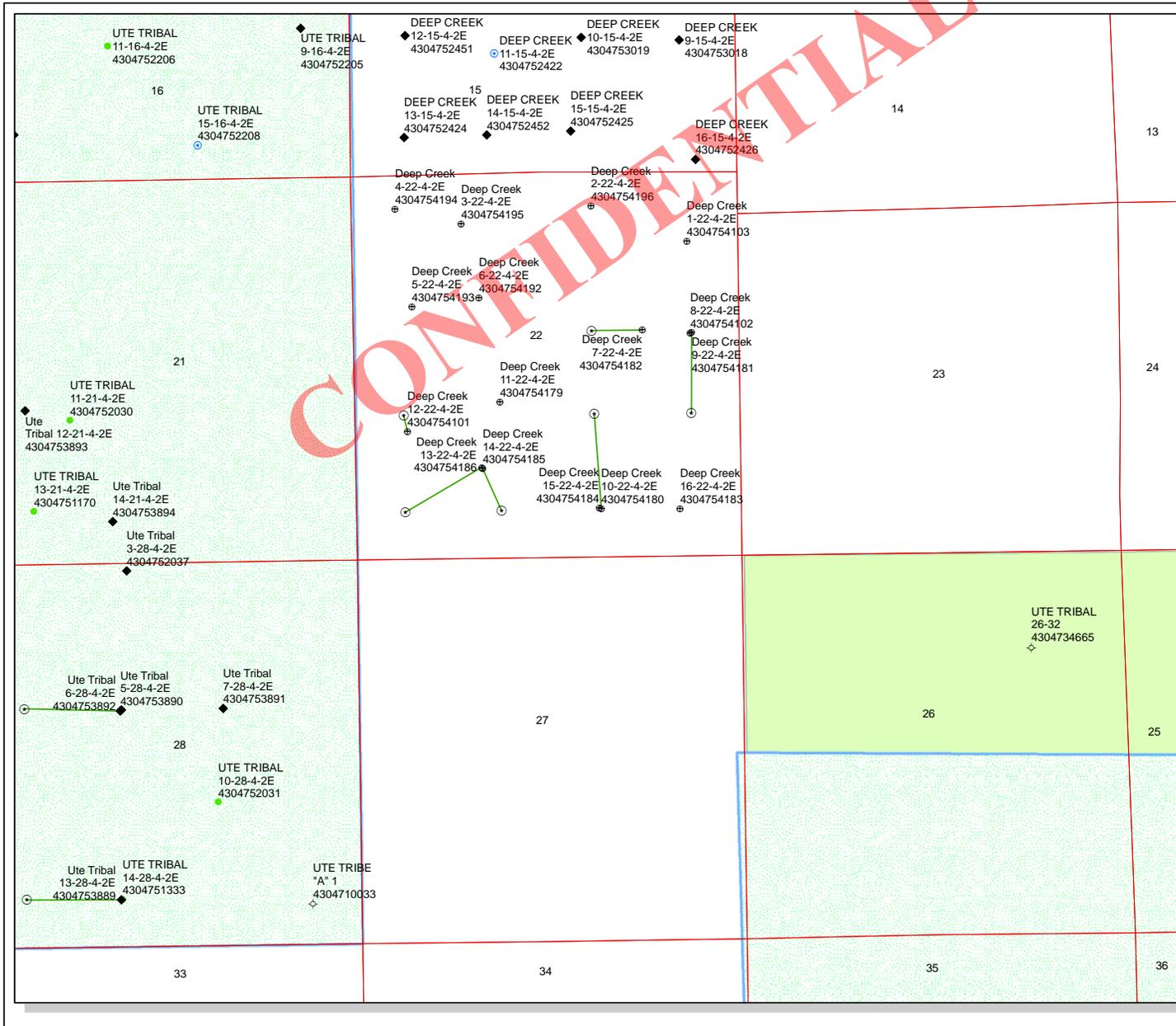
**BEFORE DIGGING
 CALL FOR
 UTILITY LINE LOCATION**
 NOTE: THE EARTH QUANTITIES ON
 THIS DRAWING ARE ESTIMATED
 AND THE USE OF THIS IS AT THE
 RESPONSIBILITY OF THE USER.

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

DRAWN: 8/30/2013 - RAS SCALE: 1" = 80'
 REVISED: N/A - DRG JOB No. 20038
 FIGURE 3

**CRESCENT POINT ENERGY
 DEEP CREEK 10,15-22-4-2E
 SECTION 22, T. 4 S., R. 2 E.**

ESTIMATED EARTHWORK				
ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	5,878 CY	1,482 CY	2,347 CY	2,049 CY
PIT	7,011 CY			7,011 CY
TOTALS	12,889 CY	1,482 CY	2,347 CY	9,060 CY



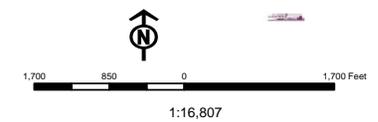
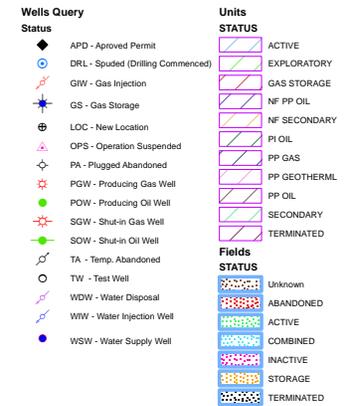
API Number: 4304754180

Well Name: Deep Creek 10-22-4-2E

Township: T04.0S Range: R02.0E Section: 22 Meridian: U

Operator: CRESCENT POINT ENERGY U.S. CORP

Map Prepared: 11/13/2013
Map Produced by Diana Mason



Well Name	CRESCENT POINT ENERGY U.S. CORP Deep Creek 10-22-4-2E 4304			
String	COND	SURF	Prod	
Casing Size(")	16.000	9.625	5.500	
Setting Depth (TVD)	40	1000	7124	
Previous Shoe Setting Depth (TVD)	0	40	1000	
Max Mud Weight (ppg)	8.3	8.3	10.0	
BOPE Proposed (psi)	0	500	3000	
Casing Internal Yield (psi)	1000	3930	7740	
Operators Max Anticipated Pressure (psi)	3704		10.0	

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

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

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	3704	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2849	YES 3M BOPE & annular, rotating head, blind & pipe rams,
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2137	YES kill & choke lines
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2357	NO OK
Required Casing/BOPE Test Pressure=		3000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

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

43047541800000 Deep Creek 10-22-4-2E

Casing Schematic

Surface

127
142

TOC @ 0. *Uinta*

9-5/8"
MW 8.3
Frac 19.3

1100' Surface ± BMSW

TOC @ 1100. MD
1147. TVD

to 0 @ 6% w/p, tail 3584
* Proposed to 0

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3085' Upper Green River mkr.

3556' Mahogany

4238' tail
* Proposed to 3290'

4573' Garden Gulch (TGR₃)

5330' Douglas Creek

5830' Black Shale

6080' Castle Peak

6372' Uteland

6542' Wasatch

✓ Strip cuts.

5-1/2"
MW 10.

Production
7420. MD
7124. TVD

6745' 1934E
1310 - 59
1984 FSL ✓ 1993 FEL ✓
NW SE Sec 22-4S-2E O.V.

Well name:	43047541800000 Deep Creek 10-22-4-2E	
Operator:	CRESCENT POINT ENERGY U.S. CORP	
String type:	Surface	Project ID: 43-047-54180
Location:	UINTAH COUNTY	

Design parameters:

Collapse

Mud weight: 8.300 ppg
Design is based on evacuated pipe.

Burst

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

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 877 ft

Environment:

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

Cement top: Surface

Non-directional string.

Re subsequent strings:

Next setting depth: 7,124 ft
Next mud weight: 10.000 ppg
Next setting BHP: 3,701 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,000 ft
Injection pressure: 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1000	9.625	36.00	J-55	ST&C	1000	1000	8.796	8692
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	431	2020	4.685	1000	3520	3.52	31.6	394	12.48 J

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

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

Date: April 9, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.3 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43047541800000 Deep Creek 10-22-4-2E		Project ID:
Operator:	CRESCENT POINT ENERGY U.S. CORP		43-047-54180
String type:	Production		
Location:	UINTAH COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 174 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: 1,147 ft

Burst

Max anticipated surface pressure: 2,133 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 3,701 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 6,340 ft

Directional Info - Build & Drop

Kick-off point 1050 ft
 Departure at shoe: 1311 ft
 Maximum dogleg: 3 °/100ft
 Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	7420	5.5	17.00	E-80	LT&C	7124	7420	4.767	244860
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3701	6290	1.700	3701	7740	2.09	102.7	320	3.11 J

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

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

Date: April 9, 2014
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7124 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator CRESCENT POINT ENERGY U.S. CORP
Well Name Deep Creek 10-22-4-2E
API Number 43047541800000 **APD No** 9017 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4SWSE **Sec** 22 **Tw** 4.0S **Rng** 2.0E 674 FSL 1934 FEL
GPS Coord (UTM) 606401 4441457 **Surface Owner** Lee Smith

Participants

Jim Burns - Starpoint, Lori Browne, Brian Foote, Mahe Taufa - Crescent Point; Mark Hecksel-DRGriffin; Allan Smith - landowner

Regional/Local Setting & Topography

This location is in the Deep Creek area off the Carpenter Ranch road on the eastern extremes of the Leland Bench. Historically this land has been used for winter/ spring grazing of sheep and cattle. The region is not cultivated and is vegetated with naturally occurring native plants providing sparse habitat for some wildlife species. The proposed pad and section has a fairly flat topography but sits between two disparate levels of the bench edge. The ridges are approximately 20 feet high. The Duchesne River is about 1 mile down the cliff edge east and the Deep Creek North. There are existing drainages that take a natural course around the back side of the ridges and could easily be diverted to avoid the pad and remain in natural channels. The region has seen increasing development for petroleum extraction.

Surface Use Plan

Current Surface Use
Grazing

New Road Miles	Well Pad	Src Const Material	Surface Formation
1.2	Width 150 Length 350	Onsite	UNTA

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands Y

Flora / Fauna

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

Dominant vegetation;

Gardiner's atriplex

Wildlife;

Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits, though none were observed.

Soil Type and Characteristics

light colored clayey sediments

Erosion Issues Y**Sedimentation Issues** Y**Site Stability Issues** N**Drainage Diversion Required?** Y

small berm on corner 2 to ensure flows remain in channel

Berm Required? Y**Erosion Sedimentation Control Required?** N**Paleo Survey Run?** N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N**Reserve Pit****Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	300 to 1000	2	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
Final Score		42	1 Sensitivity Level

Characteristics / Requirements

A 60' x 100' x 12' deep reserve pit is planned in an area of cut on the northwest side of the location. A pit liner is required. Operator commonly uses a 16 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. A minimum freeboard of two feet shall be maintained at all times. Pit to be closed within one year after drilling activities are complete.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** N**Other Observations / Comments**

drainage comes through center of pad from a place that it WYE's near corner 2. I think they could simply make a 10 foot berm to ensure the flows take the right fork and avoid the pad altogether

Chris Jensen
Evaluator1/29/2014
Date / Time

Application for Permit to Drill Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
9017	43047541800000	LOCKED	OW	P	No
Operator	CRESCENT POINT ENERGY U.S. CORP		Surface Owner-APD	Lee Smith	
Well Name	Deep Creek 10-22-4-2E		Unit		
Field	UNDESIGNATED		Type of Work	DRILL	
Location	SWSE 22 4S 2E U 674 FSL 1934 FEL GPS Coord (UTM) 606400E 4441458N				

Geologic Statement of Basis

Crescent Point proposes to set 40' of conductor and 1,000' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 1,100'. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the center of Section 22. This well is located in the SE/4 of Section 14. Depth is listed as 966 feet. Listed uses are irrigation, domestic and stock watering. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill
APD Evaluator

3/11/2014
Date / Time

Surface Statement of Basis

Location is proposed in a good location although outside the spacing window. Well is to be drilled directionally. Access road enters the pad from the North. The landowner or its representative was in attendance for the pre-site inspection. The soil type and topography at present do combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions. Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted. Plans include measures for the diversion of drainages and pad footprint has been modified to lessen disturbance to these. Reserve pit is in an area of cut. I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. A riparian area (Deep Creek) can be found North of the site. The location was not previously surveyed for cultural and paleontological resources (as the operator saw fit). I have advised the operator take all measures necessary to comply with ESA and MBTA and that actions insure no disturbance to species that may have not been seen during onsite visit. The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues. A diversion is to be built sufficient to conduct overland or channel flow where it wye's at corner 2 to remain in the right fork and avoiding the pad footprint.

Chris Jensen
Onsite Evaluator

1/29/2014
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.

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WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/6/2013

API NO. ASSIGNED: 43047541800000

WELL NAME: Deep Creek 10-22-4-2E

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

PHONE NUMBER: 720 880-3644

CONTACT: Emily Kate DeGrasse

PROPOSED LOCATION: SWSE 22 040S 020E

Permit Tech Review:

SURFACE: 0674 FSL 1934 FEL

Engineering Review:

BOTTOM: 1983 FSL 1994 FEL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.11671

LONGITUDE: -109.75140

UTM SURF EASTINGS: 606400.00

NORTHINGS: 4441458.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - LPM9080271
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 437478
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

LOCATION AND SITING:

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

Comments: Presite Completed

Stipulations: 1 - Exception Location - bhill
 5 - Statement of Basis - bhill
 12 - Cement Volume (3) - hmacdonald
 14 - Commingling Temporary Denial - ddoucet
 15 - Directional - dmason
 23 - Spacing - dmason
 25 - Surface Casing - hmacdonald



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Deep Creek 10-22-4-2E

API Well Number: 43047541800000

Lease Number: Fee

Surface Owner: FEE (PRIVATE)

Approval Date: 8/4/2014

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:

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

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an

area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

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

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to surface and tail cement back to 3290' as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Downhole commingling between formations cannot occur until the provisions of Rule R649-3-22, Completion Into Two or More Pools, have been met.

Additional Approvals:

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

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

Notification Requirements:

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

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

Contact Information:

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

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

Reporting Requirements:

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

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

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a faint, illegible stamp or background.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Deep Creek 10-22-4-2E
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP	9. API NUMBER: 43047541800000
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202	PHONE NUMBER: 720 880-3621 Ext
	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0674 FSL 1934 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 04.0S Range: 02.0E Meridian: U	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 10/16/2014	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Crescent Point Energy US Corp spud the Deep Creek 10-22-4-2E with Pete Martin Drilling Rig 17 on October 16th, 2014 at 2:00pm.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 October 17, 2014**

NAME (PLEASE PRINT) Emily Kate DeGrasse	PHONE NUMBER 720 880-3644	TITLE Regulatory & Government Affairs Analyst
SIGNATURE N/A	DATE 10/17/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
		7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: Deep Creek 10-22-4-2E	
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP		9. API NUMBER: 43047541800000	
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202	PHONE NUMBER: 720 880-3621 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0674 FSL 1934 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 04.0S Range: 02.0E Meridian: U		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/7/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input 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.			
Please see attached drill report for Crescent Point Energy's Deep Creek 10-22-4-2E, encompassing all drilling activities to date.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 08, 2014			
NAME (PLEASE PRINT) Lauren MacMillan	PHONE NUMBER 303 382-6787	TITLE Regulatory Specialist	
SIGNATURE N/A		DATE 12/7/2014	



Daily Drilling

Report for: 10/16/2014
 Report #: 1.0, DFS: -29.15
 Depth Progress:

Well Name: DEEP CREEK 10-22-4-2E

UWI/API 43-047-54180		Surface Legal Location 10-22-4-2		License #	
Spud Date 10/16/2014 14:00		Date TD Reached (wellbore)		Rig Release Date	
Primary Rig Spud Date 11/15/2014 09:30		Days From Spud (days)		Ground Elevation (ft) 4,851.00	
Weather		Temperature (°F)		Hole Condition	
Operation At 6am W.O.Air Rig		Operation Next 24hrs		Orig KB Elev (ft) 4,863.00	
24 Hr Summary MIRU Pete Martin Rig #17, spud well @ 14:00 10/16/2014 drill 52' KB 24" conductor hole,run & cement 52' KB 16" conductor pipe, Cmt.with ReadyMix					

AFE Number 1754413US		AFE+Supp Amt (Cost) 652,500.00	
Day Total (Cost)		Cum To Date (Cost)	
Mud Field Est (Cost)		Cum Mud Field Est (Co...)	
Start Depth (ftKB) 0.0		End Depth (ftKB) 0.0	
Depth Progress (ft)		Avg ROP (ft/hr)	
Target Formation WASATCH		Target Depth (ftKB) 7,410.0	
Last Casing String Conductor, 52.0ftKB			

Time Log					
Start Time	End Time	Dur (hr)	End Depth (ftKB)	Activity	Com

Daily Contacts	
Job Contact	Mobile

Mud Checks						
<depth>ftKB, <dtm>						
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Vol Mud Res (bbl)	Vol Mud Active (bbl)	Cum Mud Lost to H...	Cum Mud Lost to S...

Rigs	
Capstar, 316	
Contractor Capstar	Rig Number 316
Rig Supervisor Jacob Staton	Phone Mobile 307-315-5422

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

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

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

Interval Problems						
Problem Type	Description	Start Date	End Date	Start Depth (...)	End Depth (f...	
Action Taken		Problem Duration (hr)	Percent Problem Time (%)			

Survey Data								
MD (ftKB)	Inclination (°)	Azimuth (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	
7,082.00	0.70	185.80	6,778.89	1,353.31	1,349.96	-95.20	0.24	
7,168.00	0.70	188.90	6,864.88	1,352.28	1,348.92	-95.34	0.04	
7,253.00	0.50	186.30	6,949.88	1,351.41	1,348.04	-95.46	0.24	
7,339.00	0.70	189.80	7,035.87	1,350.53	1,347.15	-95.59	0.24	
7,360.00	0.80	190.10	7,056.87	1,350.27	1,346.88	-95.64	0.48	



Daily Drilling

Report for: 10/19/2014
Report #: 2.0, DFS: -26.15
Depth Progress:

Well Name: DEEP CREEK 10-22-4-2E

UWI/API 43-047-54180		Surface Legal Location 10-22-4-2		License #		AFE Number 1754413US		AFE+Supp Amt (Cost) 652,500.00				
Spud Date 10/16/2014 14:00		Date TD Reached (wellbore)		Rig Release Date		Ground Elevation (ft) 4,851.00		Orig KB Elev (ft) 4,863.00				
Primary Rig Spud Date 11/15/2014 09:30				Days From Spud (days) -26.15								
Weather		Temperature (°F)		Road Condition		Hole Condition						
Operation At 6am W.O.Drig.Rig				Operation Next 24hrs								
24 Hr Summary MIRU Pro Petro Rig #10,Drill 1087' KB 12 1/4" Surface hole,R/U & run 1056' KB 9 5/8" 36# surface CSG,Cement W/500 sks 15.8 ppg 1.15 cuft/sk yield cement,40 bbls good cement T/Surf,cement stayed @ Surf.												
Time Log												
Start Time	End Time	Dur (hr)	End Depth (ftKB)	Activity	Com							
Mud Checks												
<depth>ftKB, <dtm>												
Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft ²)						
Gel 10 sec (lb/100ft ²)	Gel 10 min (lb/100ft ²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)						
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft ²)						
Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Vol Mud Res (bbl)	Vol Mud Active (bbl)	Cum Mud Lost to H...	Cum Mud Lost to S...						
Drill Strings												
BHA #<stringno>, <des>												
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull		TFA (incl Noz) (in ²)	BHA ROP...						
Nozzles (1/32")			String Length (ft)		Max Nominal OD (in)							
String Components												
Comment												
Drilling Parameters												
Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Interval Problems												
Problem Type		Description			Start Date	End Date	Start Depth (...)	End Depth (f...				
Action Taken					Problem Duration (hr)		Percent Problem Time (%)					
Survey Data												
MD (ftKB)	Inclination (°)	Azimuth (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)					
7,082.00	0.70	185.80	6,778.89	1,353.31	1,349.96	-95.20	0.24					
MD (ftKB)	Inclination (°)	Azimuth (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)					
7,168.00	0.70	188.90	6,864.88	1,352.28	1,348.92	-95.34	0.04					
MD (ftKB)	Inclination (°)	Azimuth (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)					
7,253.00	0.50	186.30	6,949.88	1,351.41	1,348.04	-95.46	0.24					
MD (ftKB)	Inclination (°)	Azimuth (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)					
7,339.00	0.70	189.80	7,035.87	1,350.53	1,347.15	-95.59	0.24					
MD (ftKB)	Inclination (°)	Azimuth (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)					
7,360.00	0.80	190.10	7,056.87	1,350.27	1,346.88	-95.64	0.48					

Daily Contacts

Job Contact	Mobile

Rigs

Capstar, 316

Contractor Capstar	Rig Number 316
Rig Supervisor Jacob Staton	Phone Mobile 307-315-5422

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed



Daily Drilling

Report for: 11/14/2014

Report #: 3.0, DFS: -0.15

Depth Progress: 0.00

Well Name: DEEP CREEK 10-22-4-2E

UWI/API 43-047-54180	Surface Legal Location 10-22-4-2	License #
Spud Date 10/16/2014 14:00	Date TD Reached (wellbore)	Rig Release Date
		Ground Elevation (ft) 4,851.00
		Orig KB Elev (ft) 4,863.00
Primary Rig Spud Date 11/15/2014 09:30	Days From Spud (days) -0.15	
Weather COLD	Temperature (°F) 19.0	Road Condition OK
		Hole Condition Good
Operation At 6am PICK UP DIR. TOOLS	Operation Next 24hrs TRIP IN DRILL CEMENT FLOAT & SHOE THEN FORMATION	

24 Hr Summary
MOVE IN RIG UP CAPSTAR 316 NIPPLE & TEST BOPS PICK UP DIR. TOOLS WORK ON MWD / PICK UP TOOLS

Time Log

Start Time	End Time	Dur (hr)	End Depth (ftKB)	Activity	Com
15:00	20:00	5.00		RIGUP & TEARDOWN	MOVE IN RIG UP CAPSTAR RIG # 316
20:00	00:00	4.00		NIPPLE UP B.O.P	NIPPLE UP BOPS.
00:00	03:00	3.00		TEST B.O.P	TEST BOPS PIPE CHOKE & BLINES AL 3000 PSI F/ 10 MIN ANN 1500 F/ 10 MINS CASING 1500 PSI F/ 30 MIN
03:00	06:00	3.00	1,087.0	DIRECTIONAL WORK	START PICKING UP BHA WORK ON M.W.D. TOOL / PICK UP TOOLS

Mud Checks

1,056.0ftKB, 11/14/2014 15:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
water	15:00	1,056.0	8.40	28		
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
				8.5		
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Vol Mud Res (bbl)	Vol Mud Active (bbl)	Cum Mud Lost to H...	Cum Mud Lost to S...

Drill Strings

BHA #1, Steerable

Bit Run 1	Drill Bit 7 7/8in, <model>, JH8048	Length (ft) 1.00	IADC Bit Dull 2-2-CT-N S----TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 73.1
Nozzles (1/32") 16/16/16/16/16/16	String Length (ft) 719.56	Max Nominal OD (in) 6.500			

String Components
SMITH, HWDP, NMDC, NMDC, UBHO, Mud Motor - Bent HousingComment
SMITH BIT / HUNTING MOTOR .16 RPG 1.5 BEND / UBHO / 2 NMDCS 20 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	1,087.0	1,087.0										

Interval Problems

Problem Type	Description	Start Date	End Date	Start Depth (...)	End Depth (f...)
Action Taken		Problem Duration (hr)	Percent Problem Time (%)		

Survey Data

MD (ftKB)	Inclination (°)	Azimuth (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
7,082.00	0.70	185.80	6,778.89	1,353.31	1,349.96	-95.20	0.24
7,168.00	0.70	188.90	6,864.88	1,352.28	1,348.92	-95.34	0.04
7,253.00	0.50	186.30	6,949.88	1,351.41	1,348.04	-95.46	0.24
7,339.00	0.70	189.80	7,035.87	1,350.53	1,347.15	-95.59	0.24
7,360.00	0.80	190.10	7,056.87	1,350.27	1,346.88	-95.64	0.48

AFE Number 1754413US	AFE+Supp Amt (Cost) 652,500.00
Day Total (Cost) 37,996.00	Cum To Date (Cost) 232,921.00
Mud Field Est (Cost) 500.00	Cum Mud Field Est (Co... 500.00
Start Depth (ftKB) 1,087.0	End Depth (ftKB) 1,087.0
Depth Progress (ft) 0.00	Avg ROP (ft/hr)
Target Formation WASATCH	Target Depth (ftKB) 7,410.0

Last Casing String
Surface, 1,056.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Doug Hackford	970-640-3882

Rigs

Capstar, 316

Contractor Capstar	Rig Number 316
Rig Supervisor Jacob Staton	Phone Mobile 307-315-5422

Mud Additive Amounts

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



Daily Drilling

Report for: 11/15/2014
 Report #: 4.0, DFS: 0.85
 Depth Progress: 2,013.00

Well Name: DEEP CREEK 10-22-4-2E

UWI/API 43-047-54180	Surface Legal Location 10-22-4-2	License #
Spud Date 10/16/2014 14:00	Date TD Reached (wellbore)	Rig Release Date
Primary Rig Spud Date 11/15/2014 09:30	Days From Spud (days) 0.85	Ground Elevation (ft) 4,851.00
Weather cold windy	Temperature (°F) 13.0	Hole Condition Good
Operation At 6am DRILLING @ 3100' 85 FPH	Operation Next 24hrs DRILL 7 7/8 PROD. HOLE	Orig KB Elev (ft) 4,863.00

AFE Number 1754413US	AFE+Supp Amt (Cost) 652,500.00
Day Total (Cost) 38,996.00	Cum To Date (Cost) 271,917.00
Mud Field Est (Cost) 944.00	Cum Mud Field Est (Co...) 1,444.00
Start Depth (ftKB) 1,087.0	End Depth (ftKB) 3,100.0
Depth Progress (ft) 2,013.00	Avg ROP (ft/hr) 100.7
Target Formation WASATCH	Target Depth (ftKB) 7,410.0
Last Casing String Surface, 1,056.0ftKB	

24 Hr Summary
 TRIP IN HOLE TAG & DRILL CEMENT F/ 974' DRILLING FORMATION F/ 1087 TO 3100 (101 FPH) 390 GPM 14-16 K ON BIT BGG 84-227 UNITS CONNS 119-149 PEAK GAS 897 UNITS @ 2596' LAST SURVEY @ 2804' 24.20 DEG.357.9 AZ BIT 7.66' LEFT & 24.5' BELOW TARGET

Start Time	End Time	Dur (hr)	End Depth (ftKB)	Activity	Com
06:00	08:00	2.00		TRIPS	TRIP IN HOLE TAG @ 974'
08:00	09:30	1.50	1,087.0	OPEN	DRILL PLUG CEMENT FLOAT & SHOE
09:30	16:30	7.00	1,870.0	DRILL ACTUAL	DRILLING & SLIDING F/ 1087 TO 1870 (112 FPH) 14 K ON BIT 390 GAL 177 TOTAL RPMS
16:30	17:00	0.50		LUBRICATE RIG	RIG SERVICE
17:00	06:00	13.00	3,100.0	DRILL ACTUAL	DRILLING & SLIDING F/ 1870 TO 3100 (95 FPH) 14 K ON BIT 390 GAL 177 TOTAL RPMS

Job Contact	Mobile
Scott Seely	435-828-1101
Doug Hackford	970-640-3882

Rigs	
Capstar, 316	
Contractor Capstar	Rig Number 316
Rig Supervisor Jacob Staton	Phone Mobile 307-315-5422

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lbf/100ft²)
Water Base	14:00	1,500.0	8.40	27		
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
				8.5	0.0	
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lbf/100ft²)
		1,700.000				
Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Vol Mud Res (bbl)	Vol Mud Active (bbl)	Cum Mud Lost to H...	Cum Mud Lost to S...

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
DAP	35.00	8.0
Engineering	450.00	1.0
Liqui Drill	135.00	1.0
Rental	50.00	1.0
Tax	1.00	29.0

Drill Strings						
BHA #1, Steerable						
Bit Run	Drill Bit	Length (ft)	IADC Bit Dull	TFA (incl Noz) (in²)	BHA ROP...	
1	7 7/8in, <model>, JH8048	1.00	2-2-CT-N S----TD	1.18	73.1	
Nozzles (1/32") 16/16/16/16/16/16			String Length (ft) 719.56	Max Nominal OD (in) 6.500		
String Components SMITH, HWDP, NMDC, NMDC, UBHO, Mud Motor - Bent Housing						
Comment SMITH BIT / HUNTING MOTOR .16 RPG 1.5 BEND / UBHO / 2 NMDCS 20 4.5 HWDP						

Drilling Parameters												
Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	1,087.0	3,100.0	2,013.0	20.00	100.7	390	12	55	1,200.0	62	75	9,200.0

Interval Problems						
Problem Type	Description	Start Date	End Date	Start Depth (...)	End Depth (f...)	
Action Taken		Problem Duration (hr)		Percent Problem Time (%)		

Survey Data								
MD (ftKB)	Inclination (°)	Azimuth (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	
7,082.00	0.70	185.80	6,778.89	1,353.31	1,349.96	-95.20	0.24	
7,168.00	0.70	188.90	6,864.88	1,352.28	1,348.92	-95.34	0.04	
7,253.00	0.50	186.30	6,949.88	1,351.41	1,348.04	-95.46	0.24	
7,339.00	0.70	189.80	7,035.87	1,350.53	1,347.15	-95.59	0.24	
7,360.00	0.80	190.10	7,056.87	1,350.27	1,346.88	-95.64	0.48	



Daily Drilling

Report for: 11/16/2014
Report #: 5.0, DFS: 1.85
Depth Progress: 1,700.00

Well Name: DEEP CREEK 10-22-4-2E

UWI/API 43-047-54180		Surface Legal Location 10-22-4-2		License #	
Spud Date 10/16/2014 14:00		Date TD Reached (wellbore)		Rig Release Date	
10/16/2014 14:00				Ground Elevation (ft) 4,851.00	
Primary Rig Spud Date 11/15/2014 09:30		Days From Spud (days) 1.85		Orig KB Elev (ft) 4,863.00	
Weather COLD & CLEAR		Temperature (°F) 14.0		Road Condition OK	
Operation At 6am DRILLING / SLIDING @ 4800' (65 FPH)		Operation Next 24hrs DRILL 7 7/8 PROD. HOLE		Hole Condition Good	
24 Hr Summary DRILLING & SLIDING F/ 3100 TO 4800 (72 FPH) 390 GAL 16K ON BIT 117 TOTAL RPMS LOST 100 BBLS TO SEEPAGE BGG 400-780 UNITS CONNS 446-950 PEAK GAS 1626 U @ 4043' TOPPED MAHOGANEY BENCH @ 3820' MD 60% SH 40% CLAYSTONE LAST SURVEY 4601' 14.9 DEG 356.1 AZ IS 54' HIGH & 35' LEFT OF LINE BUT IN TARGET					

Time Log

Start Time	End Time	Dur (hr)	End Depth (ftKB)	Activity	Com
06:00	16:30	10.50	3,966.0	DRILL ACTUAL	DRILLING & SLIDING F/ 3100 TO 3966 (82 FPH) 390 GAL 16K ON BIT 117 TOTAL RPMS 20 BBLS LOST TO SEEPAGE
16:30	17:00	0.50	3,966.0	LUBRICATE RIG	SERVICE RIG
17:00	06:00	13.00	4,800.0	DRILL ACTUAL	DRILLING & SLIDING F/ 3966 TO 4800 (64 FPH) 390 GAL 16K ON BIT 117 TOTAL RPMS LOST 80 BBLS TO SEEPAGE

Mud Checks

3,900.0ftKB, 11/16/2014 14:30						
Type Water Base	Time 14:30	Depth (ftKB) 3,900.0	Density (lb/gal) 9.20	Funnel Viscosity (s/qt) 31	PV Override (cP) 3.0	YP OR (lb/100ft²) 1.000
Gel 10 sec (lb/100ft²) 3.000	Gel 10 min (lb/100ft²) 5.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%) 8.5	Solids (%) 4.5
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 34,000.000	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Vol Mud Res (bbl)	Vol Mud Active (bbl)	Cum Mud Lost to H...	Cum Mud Lost to S...

Drill Strings

BHA #1, Steerable						
Bit Run 1	Drill Bit 7 7/8in, <model>, JH8048	Length (ft) 1.00	IADC Bit Dull 2-2-CT-N S----TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 73.1	
Nozzles (1/32") 16/16/16/16/16			String Length (ft) 719.56	Max Nominal OD (in) 6.500		

String Components

SMITH, HWDP, NMDC, NMDC, UBHO, Mud Motor - Bent Housing

Comment

SMITH BIT / HUNTING MOTOR .16 RPG 1.5 BEND / UBHO / 2 NMDCS 20 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	3,100.0	4,800.0	3,713.0	43.50	72.3	390	16	55	1,490.0	90	112	11.60
			0									0.0

Interval Problems

Problem Type	Description	Start Date	End Date	Start Depth (...)	End Depth (f...)
Action Taken		Problem Duration (hr)		Percent Problem Time (%)	

Survey Data

MD (ftKB)	Inclination (°)	Azimuth (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
7,082.00	0.70	185.80	6,778.89	1,353.31	1,349.96	-95.20	0.24
7,168.00	0.70	188.90	6,864.88	1,352.28	1,348.92	-95.34	0.04
7,253.00	0.50	186.30	6,949.88	1,351.41	1,348.04	-95.46	0.24
7,339.00	0.70	189.80	7,035.87	1,350.53	1,347.15	-95.59	0.24
7,360.00	0.80	190.10	7,056.87	1,350.27	1,346.88	-95.64	0.48

AFE Number 1754413US	AFE+Supp Amt (Cost) 652,500.00
Day Total (Cost) 30,299.50	Cum To Date (Cost) 302,216.50
Mud Field Est (Cost) 8,662.50	Cum Mud Field Est (Co... 10,106.50
Start Depth (ftKB) 3,100.0	End Depth (ftKB) 4,800.0
Depth Progress (ft) 1,700.00	Avg ROP (ft/hr) 72.3
Target Formation WASATCH	Target Depth (ftKB) 7,410.0

Last Casing String

Surface, 1,056.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Doug Hackford	970-640-3882

Rigs

Capstar, 316

Contractor Capstar	Rig Number 316
Rig Supervisor Jacob Staton	Phone Mobile 307-315-5422

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Aluminum Stear.	130.00	1.0
Bentonite	7.50	48.0
Brine	7.50	400.0
DAP	35.00	50.0
Engineering	450.00	1.0
Pallet	20.00	3.0
Rental	50.00	1.0
Sea Mud	15.50	159.0
Shrink Wrap	20.00	3.0
Tax	1.00	338.0



Daily Drilling

Report for: 11/17/2014
Report #: 6.0, DFS: 2.85
Depth Progress: 1,575.00

Well Name: DEEP CREEK 10-22-4-2E

UWI/API 43-047-54180		Surface Legal Location 10-22-4-2		License #	
Spud Date 10/16/2014 14:00		Date TD Reached (wellbore)		Rig Release Date	
10/16/2014 14:00				Ground Elevation (ft) 4,851.00	
Primary Rig Spud Date 11/15/2014 09:30		Days From Spud (days) 2.85		Orig KB Elev (ft) 4,863.00	
Weather COOL		Temperature (°F) 15.0		Road Condition OK	
Operation At 6am DRILLING @ 6375' @ 65 FPH		Operation Next 24hrs DRILL VERITICAL ON TO T.D.		Hole Condition Good	

24 Hr Summary
DRILLING & SLIDING F/ 4800 TO 6375 (67 FPH) BBG 468-675 UNITS CONNS 493-563 PEAK GASS1728 UNIT @ 5838' TOPPED TGR3 @ 4829' DOUGLAS CREEK 5490' & THE BLACK SHALE @ 6120 MD. W/ 50% CLAY SYONE 40% SH & 10 % LS

Time Log

Start Time	End Time	Dur (hr)	End Depth (ftKB)	Activity	Com
06:00	13:00	7.00	5,293.0	DRILL ACTUAL	DRILLING & SLIDING F/ 4800 TO 5293 (70 FPH) 390 GAL 16K ON BIT 117 TOTAL RPMS LOST 46 BBLS TO SEEPAGE
13:00	13:30	0.50	5,293.0	LUBRICATE RIG	RIG SERVICE
13:30	06:00	16.50	6,375.0	DRILL ACTUAL	DRILLING & SLIDING F/ 5293 TO 6375' (66 FPH) 390 GAL 16K ON BIT 117 TOTAL RPMS LOST 105 BBLS TO SEEPAGE

Mud Checks

5,260.0ftKB, 11/17/2014 13:00

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Water Base	13:00	5,260.0	9.40	32	5.0	6.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
4.000	7.000			8.0	0.3	0.3
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
		35,000.000				
Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Vol Mud Res (bbl)	Vol Mud Active (bbl)	Cum Mud Lost to H...	Cum Mud Lost to S...

Drill Strings

BHA #1, Steerable

Bit Run 1	Drill Bit 7 7/8in, <model>, JH8048	Length (ft) 1.00	IADC Bit Dull 2-2-CT-N S----TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 73.1
Nozzles (1/32") 16/16/16/16/16/16		String Length (ft) 719.56		Max Nominal OD (in) 6.500	

String Components

SMITH, HWDP, NMDC, NMDC, UBHO, Mud Motor - Bent Housing

Comment

SMITH BIT / HUNTING MOTOR .16 RPG 1.5 BEND / UBHO / 2 NMDCS 20 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	4,800.0	6,375.0	5,288.0	67.00	67.0	390	16	55	1,400.0	115	130	11,600.0

Interval Problems

Problem Type	Description	Start Date	End Date	Start Depth (...)	End Depth (f...)
Action Taken	Problem Duration (hr)	Percent Problem Time (%)			

Survey Data

MD (ftKB)	Inclination (°)	Azimuth (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
7,082.00	0.70	185.80	6,778.89	1,353.31	1,349.96	-95.20	0.24
7,168.00	0.70	188.90	6,864.88	1,352.28	1,348.92	-95.34	0.04
7,253.00	0.50	186.30	6,949.88	1,351.41	1,348.04	-95.46	0.24
7,339.00	0.70	189.80	7,035.87	1,350.53	1,347.15	-95.59	0.24
7,360.00	0.80	190.10	7,056.87	1,350.27	1,346.88	-95.64	0.48

AFE Number 1754413US	AFE+Supp Amt (Cost) 652,500.00
Day Total (Cost) 29,192.50	Cum To Date (Cost) 331,409.00
Mud Field Est (Cost) 9,466.50	Cum Mud Field Est (Co... 19,573.00
Start Depth (ftKB) 4,800.0	End Depth (ftKB) 6,375.0
Depth Progress (ft) 1,575.00	Avg ROP (ft/hr) 67.0
Target Formation WASATCH	Target Depth (ftKB) 7,410.0

Last Casing String
Surface, 1,056.0ftKB

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Doug Hackford	970-640-3882

Rigs

Capstar, 316

Contractor Capstar	Rig Number 316
Rig Supervisor Jacob Staton	Phone Mobile 307-315-5422

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Aluminum Stear.	130.00	2.0
Brine	7.50	20.0
DAP	35.00	35.0
Engineering	450.00	1.0
Pallet	20.00	3.0
Rental	50.00	1.0
Sawdust	4.50	40.0
Sea Mud	15.50	93.0
Shrink Wrap	20.00	3.0
SLICK LUB	1,200.0	3.0
	0	
Tax	1.00	500.0
Trucking	1.00	1,200.0
		0
Walnut	14.50	20.0



Daily Drilling

Report for: 11/18/2014
 Report #: 7.0, DFS: 3.85
 Depth Progress: 1,035.00

Well Name: DEEP CREEK 10-22-4-2E

UWI/API 43-047-54180	Surface Legal Location 10-22-4-2	License #
Spud Date 10/16/2014 14:00	Date TD Reached (wellbore)	Rig Release Date
Primary Rig Spud Date 11/15/2014 09:30	Days From Spud (days) 3.85	Ground Elevation (ft) 4,851.00
Weather CHILLY	Temperature (°F) 19.0	Road Condition OK
Operation At 6am PULLING OUT TO LOG @ 5500'	Operation Next 24hrs LOG WELL & RUN 5 1/2 PROD. STRING	Hole Condition Good

AFE Number 1754413US	AFE+Supp Amt (Cost) 652,500.00
Day Total (Cost) 54,871.50	Cum To Date (Cost) 386,280.50
Mud Field Est (Cost) 15,328.50	Cum Mud Field Est (Co... 34,901.50
Start Depth (ftKB) 6,375.0	End Depth (ftKB) 7,410.0
Depth Progress (ft) 1,035.00	Avg ROP (ft/hr) 53.1

24 Hr Summary
 DRILLING F/ 6375 TO 7410 (53 FPH) TOPPED UTELAND BUTTE @ 6650' & THE WASATCH @ 6810 M.D. BGG 140 -296 UNITS CONNS 241-295 PEAK GAS 3059 UNITS @ 6807 / T.D. @ 7410 CIRC & SPOT 10.3# KILL PILL UP TO 3000' POOH

Target Formation WASATCH	Target Depth (ftKB) 7,410.0
Last Casing String Surface, 1,056.0ftKB	

Start Time	End Time	Dur (hr)	End Depth (ftKB)	Activity	Com
06:00	16:00	10.00	7,004.0	DRILL ACTUAL	DRILLING F/ 6375' TO 7004 (63 FPH) 390 GAL 16K ON BIT 117 TOTAL RPMS LOST 140 BBLS TO SEEPAGE
16:00	16:30	0.50	7,004.0	LUBRICATE RIG	RIG SERVICE
16:30	02:00	9.50	7,410.0	DRILL ACTUAL	DRILLING F/ 7004 TO 7410 (43 FPH) 390 GAL 17K ON BIT 117 TOTAL RPMS LOST 60 BBLS TO SEEPAGE
02:00	04:00	2.00	7,410.0	COND MUD & CIRC	CIRC 2 BOTTOMS UP & SPOT 10.3# KILL PILL UP TO 3000' PUMP DRY JOB
04:00	06:00	2.00	5,500.0	TRIPS	PULL OUT TO LOG

Job Contact	Mobile
Scott Seely	435-828-1101
Doug Hackford	970-640-3882

Mud Checks
 7,030.0ftKB, 11/18/2014 17:00

Daily Contacts	
Contractor Capstar	
Rig Number 316	
Rig Supervisor Jacob Staton	
Phone Mobile 307-315-5422	

Type	Time	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Override (cP)	YP OR (lb/100ft²)
Water Base	17:00	7,030.0	9.60	31	3.0	4.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Sand (%)	Solids (%)
3.000	5.000			8.0	0.3	9.6
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
	0.2	32,000.000			0.100	
Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Vol Mud Res (bbl)	Vol Mud Active (bbl)	Cum Mud Lost to H...	Cum Mud Lost to S...

Mud Additive Amounts		
Des	Field Est (Cost/unit)	Consumed
Aluminum Stear.	130.00	1.0
Barite	10.65	80.0
Brine	7.50	380.0
DAP	35.00	71.0
Engineering	450.00	1.0
Hole Seal	21.00	56.0
Liqui Drill	135.00	1.0
Pallet	20.00	8.0
Rental	50.00	1.0
Sawdust	4.50	55.0
Sea Mud	15.50	150.0
Shrink Wrap	20.00	7.0
SLICK LUB	1,200.00	3.0
	0	
Tax	1.00	728.0

Drill Strings
 BHA #1, Steerable

Bit Run 1	Drill Bit 7 7/8in, <model>, JH8048	Length (ft) 1.00	IADC Bit Dull 2-2-CT-N S----TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 73.1
Nozzles (1/32") 16/16/16/16/16		String Length (ft) 719.56		Max Nominal OD (in) 6.500	
String Components SMITH, HWDP, NMDC, NMDC, UBHO, Mud Motor - Bent Housing					
Comment SMITH BIT / HUNTING MOTOR .16 RPG 1.5 BEND / UBHO / 2 NMDCS 20 4.5 HWDP					

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	6,375.0	7,410.0	6,323.0	86.50	53.1	390	17	55	1,500.0	131	150	13,800.0

Interval Problems	
Problem Type	Description
Action Taken	Problem Duration (hr)
	Percent Problem Time (%)

Survey Data								
MD (ftKB)	Inclination (°)	Azimuth (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	
7,082.00	0.70	185.80	6,778.89	1,353.31	1,349.96	-95.20	0.24	
7,168.00	0.70	188.90	6,864.88	1,352.28	1,348.92	-95.34	0.04	
7,253.00	0.50	186.30	6,949.88	1,351.41	1,348.04	-95.46	0.24	
7,339.00	0.70	189.80	7,035.87	1,350.53	1,347.15	-95.59	0.24	
7,360.00	0.80	190.10	7,056.87	1,350.27	1,346.88	-95.64	0.48	



Daily Drilling

Report for: 11/19/2014

Report #: 8.0, DFS: 4.85

Depth Progress: 0.00

Well Name: DEEP CREEK 10-22-4-2E

UWI/API 43-047-54180	Surface Legal Location 10-22-4-2	License #
Spud Date 10/16/2014 14:00	Date TD Reached (wellbore)	Rig Release Date
Primary Rig Spud Date 11/15/2014 09:30	Days From Spud (days) 4.85	Ground Elevation (ft) 4,851.00
Weather COOL	Temperature (°F) 23.0	Hole Condition Good
Operation At 6am CEMENT W/ HALLIBURTON	Operation Next 24hrs NIPPLE DOWN CLEAN PITS R.R. AND MOVE RIG TO DEEP CREEK 16-15-4-2E	Orig KB Elev (ft) 4,863.00

24 Hr Summary
POOH TO 3500' CIRC WELL CLEAN PULL ON OUT LD TOOLS LOG WELL F/ 7404 UP TO SURFACE PIPE RUN 169 JTS 5 1/2 17# L80 CASING & 2 MARKERS LAND ON HANGER @ 7390' RIG UP HALLIBURTON START CEMENTING

Time Log

Start Time	End Time	Dur (hr)	End Depth (ftKB)	Activity	Com
06:00	07:00	1.00	2,500.0	TRIPS	POOH TO 3500'
07:00	08:00	1.00	3,500.0	COND MUD & CIRC	CIRC CLEAN 1 1/2 BOTTOMS UP PUMP NEW DRY JOB
08:00	11:30	3.50	0.0	TRIPS	POOH LD DIR. TOOLS
11:30	18:30	7.00		WIRELINE LOGS	RIG UP AND RUN LOGS TAG @ 7404' RUN QUOD COMBO W/ DIELECTRIC / NEUTRON / DENSITY / TO SURFACE PIPE
18:30	03:30	9.00		RUN CASING & CEMENT	RUN 169 JTS 5 1/2 17# L80 CASING & 2 MARKERS LAND ON HANGER @ 7390'
03:30	06:00	2.50	7,390.0	RUN CASING & CEMENT	HELD SAFETY MEETING RIG UP & CEMENT W/ HALLIBURTON

Mud Checks

7,410.0ftKB, 11/19/2014 14:00						
Type Water Base	Time 14:00	Depth (ftKB) 7,410.0	Density (lb/gal) 9.70	Funnel Viscosity (s/qt) 32	PV Override (cP) 3.0	YP OR (lb/100ft²) 4.000
Gel 10 sec (lb/100ft²) 3.000	Gel 10 min (lb/100ft²) 6.000	Filtrate (mL/30min)	Filter Cake (1/32") 1	pH 8.0	Sand (%) 0.3	Solids (%) 10.0
MBT (lb/bbl)	Alkalinity (mL/mL)	Chlorides (mg/L) 30,000.000	Calcium (mg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel 30 min (lb/100ft²)
Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Vol Mud Res (bbl)	Vol Mud Active (bbl)	Cum Mud Lost to H...	Cum Mud Lost to S...

Drill Strings

BHA #1, Steerable						
Bit Run 1	Drill Bit 7 7/8in, <model>, JH8048	Length (ft) 1.00	IADC Bit Dull 2-2-CT-N S----TD	TFA (incl Noz) (in²) 1.18	BHA ROP... 73.1	
Nozzles (1/32") 16/16/16/16/16/16	String Length (ft) 719.56	Max Nominal OD (in) 6.500				

String Components
SMITH, HWDP, NMDC, NMDC, UBHO, Mud Motor - Bent HousingComment
SMITH BIT / HUNTING MOTOR .16 RPG 1.5 BEND / UBHO / 2 NMDCS 20 4.5 HWDP

Drilling Parameters

Wellbore	Start (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Cum Drill Time (hr)	Int ROP (ft/hr)	Q Flow (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (1000lbf)	PU Str Wt (1000lbf)	Drill Tq
Original Hole	7,410.0	7,410.0	6,323.0	86.50								

Interval Problems

Problem Type	Description	Start Date	End Date	Start Depth (...)	End Depth (f...)
Action Taken	Problem Duration (hr)	Percent Problem Time (%)			

Survey Data

MD (ftKB)	Inclination (°)	Azimuth (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
7,082.00	0.70	185.80	6,778.89	1,353.31	1,349.96	-95.20	0.24
7,168.00	0.70	188.90	6,864.88	1,352.28	1,348.92	-95.34	0.04
7,253.00	0.50	186.30	6,949.88	1,351.41	1,348.04	-95.46	0.24
7,339.00	0.70	189.80	7,035.87	1,350.53	1,347.15	-95.59	0.24
7,360.00	0.80	190.10	7,056.87	1,350.27	1,346.88	-95.64	0.48

AFE Number 1754413US	AFE+Supp Amt (Cost) 652,500.00
Day Total (Cost) 213,303.70	Cum To Date (Cost) 599,584.20
Mud Field Est (Cost) 2,892.70	Cum Mud Field Est (Co... 37,794.20
Start Depth (ftKB) 7,410.0	End Depth (ftKB) 7,410.0
Depth Progress (ft) 0.00	Avg ROP (ft/hr)
Target Formation WASATCH	Target Depth (ftKB) 7,410.0
Last Casing String Production, 7,390.0ftKB	

Daily Contacts

Job Contact	Mobile
Scott Seely	435-828-1101
Doug Hackford	970-640-3882

Rigs

Capstar, 316

Contractor Capstar	Rig Number 316
Rig Supervisor Jacob Staton	Phone Mobile 307-315-5422

Mud Additive Amounts

Des	Field Est (Cost/unit)	Consumed
Barite	10.65	68.0
Engineering	450.00	1.0
Hole Seal	21.00	6.0
Pallet	20.00	3.0
Rental	50.00	1.0
Sawdust	4.50	20.0
Sea Mud	15.50	3.0
Shrink Wrap	20.00	2.0
SLICK LUB	1,200.0	1.0
	0	
Tax	1.00	106.0

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: CRESCENT POINT ENERGY U.S. CORP		8. WELL NAME and NUMBER: Deep Creek 10-22-4-2E	
3. ADDRESS OF OPERATOR: 555 17th Street, Suite 750 , Denver, CO, 80202		9. API NUMBER: 43047541800000	
PHONE NUMBER: 720 880-3621 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0674 FSL 1934 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 04.0S Range: 02.0E Meridian: U		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/8/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" 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.			
Crescent Point Energy US Corp reports the first production of hydrocarbons from Deep Creek 10-22-4-2E on December 6th, 2014.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 09, 2014			
NAME (PLEASE PRINT) Kristen Johnson	PHONE NUMBER 303 308-6270	TITLE Regulatory Technician	
SIGNATURE N/A		DATE 12/8/2014	

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

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:

9. API NUMBER:

10 FIELD AND POOL, OR WILDCAT

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

12. COUNTY

13. STATE

UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

2. NAME OF OPERATOR:

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

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE:

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

14. DATE SPUDDED: _____ 15. DATE T.D. REACHED: _____ 16. DATE COMPLETED: _____ ABANDONED READY TO PRODUCE 17. ELEVATIONS (DF, RKB, RT, GL):

18. TOTAL DEPTH: MD _____ TVD _____ 19. PLUG BACK T.D.: MD _____ TVD _____ 20. IF MULTIPLE COMPLETIONS, HOW MANY? * _____ 21. DEPTH BRIDGE PLUG SET: MD _____ TVD _____

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED

25. TUBING RECORD

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

26. PRODUCING INTERVALS

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

27. PERFORATION RECORD

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

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

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

30. WELL STATUS:

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

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

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) _____ TITLE _____

SIGNATURE _____ DATE _____

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940



Crescent Point Energy

Unitah County

Section 22 T4S, R2E

DEEP CREEK 10-22-4-2E

Wellbore #1

Plan: Design #2

Crescent Point Energy

13 November, 2014





Payzone Directional
Crescent Point Energy



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well DEEP CREEK 10-22-4-2E
Project:	Unitah County	TVD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Site:	Section 22 T4S, R2E	MD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Well:	DEEP CREEK 10-22-4-2E	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #2	Database:	MasterDB

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

Site	Section 22 T4S, R2E		
Site Position:		Northing:	7,220,232.27 usft
From:	Lat/Long	Easting:	2,126,598.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 7' 42.359 N
		Longitude:	109° 45' 40.046 W
		Grid Convergence:	1.11 °

Well	DEEP CREEK 10-22-4-2E, SHL LAT: 40.116720 LONG: -109.751439					
Well Position	+N/-S	0.0 usft	Northing:	7,216,019.26 usft	Latitude:	40° 7' 0.192 N
	+E/-W	0.0 usft	Easting:	2,129,388.94 usft	Longitude:	109° 45' 5.180 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	4,869.9 usft	Ground Level:	4,851.9 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	11/13/2014	10.76	65.83	52,020

Design	Design #2			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	357.41

Survey Tool Program	Date	11/13/2014		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	7,333.5	Design #2 (Wellbore #1)	MWD	MWD - Standard



Payzone Directional
Crescent Point Energy



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well DEEP CREEK 10-22-4-2E
Project:	Unitah County	TVD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Site:	Section 22 T4S, R2E	MD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Well:	DEEP CREEK 10-22-4-2E	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #2	Database:	MasterDB

Planned Survey												
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)		
0.0	0.00	0.00	0.0	-4,869.9	0.0	0.0	0.0	0.00	7,216,019.26	2,129,388.94		
100.0	0.00	0.00	100.0	-4,769.9	0.0	0.0	0.0	0.00	7,216,019.26	2,129,388.94		
200.0	0.00	0.00	200.0	-4,669.9	0.0	0.0	0.0	0.00	7,216,019.26	2,129,388.94		
300.0	0.00	0.00	300.0	-4,569.9	0.0	0.0	0.0	0.00	7,216,019.26	2,129,388.94		
400.0	0.00	0.00	400.0	-4,469.9	0.0	0.0	0.0	0.00	7,216,019.26	2,129,388.94		
500.0	0.00	0.00	500.0	-4,369.9	0.0	0.0	0.0	0.00	7,216,019.26	2,129,388.94		
600.0	0.00	0.00	600.0	-4,269.9	0.0	0.0	0.0	0.00	7,216,019.26	2,129,388.94		
700.0	0.00	0.00	700.0	-4,169.9	0.0	0.0	0.0	0.00	7,216,019.26	2,129,388.94		
800.0	0.00	0.00	800.0	-4,069.9	0.0	0.0	0.0	0.00	7,216,019.26	2,129,388.94		
900.0	0.00	0.00	900.0	-3,969.9	0.0	0.0	0.0	0.00	7,216,019.26	2,129,388.94		
1,000.0	0.00	0.00	1,000.0	-3,869.9	0.0	0.0	0.0	0.00	7,216,019.26	2,129,388.94		
1,100.0	0.00	0.00	1,100.0	-3,769.9	0.0	0.0	0.0	0.00	7,216,019.26	2,129,388.94		
Start Build 2.00												
1,200.0	2.00	357.41	1,200.0	-3,669.9	1.7	-0.1	1.7	2.00	7,216,021.00	2,129,388.83		
1,300.0	4.00	357.41	1,299.8	-3,570.1	7.0	-0.3	7.0	2.00	7,216,026.23	2,129,388.49		
1,400.0	6.00	357.41	1,399.5	-3,470.4	15.7	-0.7	15.7	2.00	7,216,034.92	2,129,387.92		
1,500.0	8.00	357.41	1,498.7	-3,371.2	27.9	-1.3	27.9	2.00	7,216,047.08	2,129,387.14		
1,600.0	10.00	357.41	1,597.5	-3,272.4	43.5	-2.0	43.5	2.00	7,216,062.69	2,129,386.12		
1,700.0	12.00	357.41	1,695.6	-3,174.3	62.5	-2.8	62.6	2.00	7,216,081.73	2,129,384.89		
1,800.0	14.00	357.41	1,793.1	-3,076.8	85.0	-3.8	85.1	2.00	7,216,104.18	2,129,383.43		
1,900.0	16.00	357.41	1,889.6	-2,980.3	110.9	-5.0	111.0	2.00	7,216,130.01	2,129,381.76		
2,000.0	18.00	357.41	1,985.3	-2,884.6	140.1	-6.3	140.2	2.00	7,216,159.18	2,129,379.86		
2,100.0	20.00	357.41	2,079.8	-2,790.1	172.6	-7.8	172.8	2.00	7,216,191.67	2,129,377.76		
2,200.0	22.00	357.41	2,173.2	-2,696.7	208.4	-9.4	208.6	2.00	7,216,227.43	2,129,375.44		
2,300.0	24.00	357.41	2,265.2	-2,604.7	247.4	-11.2	247.7	2.00	7,216,266.42	2,129,372.91		
2,406.0	26.12	357.41	2,361.3	-2,508.6	292.3	-13.2	292.6	2.00	7,216,311.24	2,129,370.00		
Start 1648.3 hold at 2406.0 MD												



Payzone Directional

Crescent Point Energy



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well DEEP CREEK 10-22-4-2E
Project:	Unitah County	TVD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Site:	Section 22 T4S, R2E	MD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Well:	DEEP CREEK 10-22-4-2E	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #2	Database:	MasterDB

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
2,500.0	26.12	357.41	2,445.6	-2,424.3	333.6	-15.1	334.0	0.00	7,216,352.52	2,129,367.32
2,600.0	26.12	357.41	2,535.4	-2,334.5	377.6	-17.1	378.0	0.00	7,216,396.45	2,129,364.47
2,700.0	26.12	357.41	2,625.2	-2,244.7	421.6	-19.1	422.0	0.00	7,216,440.39	2,129,361.62
2,800.0	26.12	357.41	2,715.0	-2,154.9	465.6	-21.1	466.0	0.00	7,216,484.32	2,129,358.77
2,900.0	26.12	357.41	2,804.8	-2,065.1	509.5	-23.1	510.1	0.00	7,216,528.25	2,129,355.92
3,000.0	26.12	357.41	2,894.6	-1,975.3	553.5	-25.1	554.1	0.00	7,216,572.19	2,129,353.07
3,100.0	26.12	357.41	2,984.4	-1,885.5	597.5	-27.1	598.1	0.00	7,216,616.12	2,129,350.22
3,200.0	26.12	357.41	3,074.1	-1,795.8	641.5	-29.0	642.1	0.00	7,216,660.06	2,129,347.37
3,219.9	26.12	357.41	3,092.0	-1,777.9	650.2	-29.4	650.9	0.00	7,216,668.80	2,129,346.80
Up. Green River										
3,300.0	26.12	357.41	3,163.9	-1,706.0	685.5	-31.0	686.2	0.00	7,216,703.99	2,129,344.52
3,400.0	26.12	357.41	3,253.7	-1,616.2	729.4	-33.0	730.2	0.00	7,216,747.93	2,129,341.66
3,500.0	26.12	357.41	3,343.5	-1,526.4	773.4	-35.0	774.2	0.00	7,216,791.86	2,129,338.81
3,600.0	26.12	357.41	3,433.3	-1,436.6	817.4	-37.0	818.2	0.00	7,216,835.79	2,129,335.96
3,700.0	26.12	357.41	3,523.1	-1,346.8	861.4	-39.0	862.3	0.00	7,216,879.73	2,129,333.11
3,734.4	26.12	357.41	3,554.0	-1,315.9	876.5	-39.7	877.4	0.00	7,216,894.86	2,129,332.13
Mahogany										
3,800.0	26.12	357.41	3,612.9	-1,257.0	905.4	-41.0	906.3	0.00	7,216,923.66	2,129,330.26
3,900.0	26.12	357.41	3,702.6	-1,167.3	949.4	-43.0	950.3	0.00	7,216,967.60	2,129,327.41
4,000.0	26.12	357.41	3,792.4	-1,077.5	993.3	-45.0	994.4	0.00	7,217,011.53	2,129,324.56
4,054.3	26.12	357.41	3,841.2	-1,028.7	1,017.2	-46.1	1,018.3	0.00	7,217,035.41	2,129,323.01
Start Drop -2.00										
4,100.0	25.21	357.41	3,882.4	-987.5	1,037.0	-46.9	1,038.1	2.00	7,217,055.14	2,129,321.73
4,200.0	23.21	357.41	3,973.6	-896.3	1,078.0	-48.8	1,079.1	2.00	7,217,096.06	2,129,319.08
4,300.0	21.21	357.41	4,066.2	-803.7	1,115.7	-50.5	1,116.9	2.00	7,217,133.77	2,129,316.63
4,400.0	19.21	357.41	4,160.0	-709.9	1,150.2	-52.1	1,151.4	2.00	7,217,168.24	2,129,314.39
4,500.0	17.21	357.41	4,255.0	-614.9	1,181.4	-53.5	1,182.6	2.00	7,217,199.42	2,129,312.37
4,600.0	15.21	357.41	4,351.0	-518.9	1,209.3	-54.7	1,210.5	2.00	7,217,227.27	2,129,310.56



Payzone Directional

Crescent Point Energy



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well DEEP CREEK 10-22-4-2E
Project:	Unitah County	TVD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Site:	Section 22 T4S, R2E	MD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Well:	DEEP CREEK 10-22-4-2E	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #2	Database:	MasterDB

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
4,700.0	13.21	357.41	4,447.9	-422.0	1,233.8	-55.9	1,235.1	2.00	7,217,251.76	2,129,308.98
4,800.0	11.21	357.41	4,545.7	-324.2	1,255.0	-56.8	1,256.2	2.00	7,217,272.86	2,129,307.61
4,860.4	10.00	357.41	4,605.0	-264.9	1,266.0	-57.3	1,267.3	2.00	7,217,283.95	2,129,306.89
G. Gulch (TGR3)										
4,900.0	9.21	357.41	4,644.1	-225.8	1,272.7	-57.6	1,274.0	2.00	7,217,290.55	2,129,306.46
5,000.0	7.21	357.41	4,743.1	-126.8	1,286.9	-58.3	1,288.2	2.00	7,217,304.79	2,129,305.53
5,100.0	5.21	357.41	4,842.5	-27.4	1,297.7	-58.8	1,299.0	2.00	7,217,315.58	2,129,304.83
5,200.0	3.21	357.41	4,942.2	72.3	1,305.0	-59.1	1,306.4	2.00	7,217,322.91	2,129,304.36
5,300.0	1.21	357.41	5,042.1	172.2	1,308.9	-59.3	1,310.2	2.00	7,217,326.75	2,129,304.11
5,360.4	0.00	0.00	5,102.5	232.6	1,309.5	-59.3	1,310.9	2.00	7,217,327.38	2,129,304.07
Start 1973.5 hold at 5360.4 MD										
5,400.0	0.00	0.00	5,142.1	272.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
5,500.0	0.00	0.00	5,242.1	372.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
5,600.0	0.00	0.00	5,342.1	472.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
5,682.9	0.00	0.00	5,425.0	555.1	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
Douglas Creek										
5,700.0	0.00	0.00	5,442.1	572.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
5,800.0	0.00	0.00	5,542.1	672.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
5,900.0	0.00	0.00	5,642.1	772.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
6,000.0	0.00	0.00	5,742.1	872.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
6,084.9	0.00	0.00	5,827.0	957.1	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
Black Shale										
6,100.0	0.00	0.00	5,842.1	972.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
6,200.0	0.00	0.00	5,942.1	1,072.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
6,300.0	0.00	0.00	6,042.1	1,172.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
6,316.9	0.00	0.00	6,059.0	1,189.1	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
Castle Peak										
6,400.0	0.00	0.00	6,142.1	1,272.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07



Payzone Directional

Crescent Point Energy



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well DEEP CREEK 10-22-4-2E
Project:	Unitah County	TVD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Site:	Section 22 T4S, R2E	MD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Well:	DEEP CREEK 10-22-4-2E	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #2	Database:	MasterDB

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
6,500.0	0.00	0.00	6,242.1	1,372.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
6,600.0	0.00	0.00	6,342.1	1,472.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
6,624.9	0.00	0.00	6,367.0	1,497.1	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
Uteland										
6,700.0	0.00	0.00	6,442.1	1,572.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
6,733.9	0.00	0.00	6,476.0	1,606.1	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
Wasatch										
6,800.0	0.00	0.00	6,542.1	1,672.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
6,900.0	0.00	0.00	6,642.1	1,772.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
7,000.0	0.00	0.00	6,742.1	1,872.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
7,100.0	0.00	0.00	6,842.1	1,972.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
7,200.0	0.00	0.00	6,942.1	2,072.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
7,300.0	0.00	0.00	7,042.1	2,172.2	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
7,333.9	0.00	0.00	7,076.0	2,206.1	1,309.5	-59.3	1,310.9	0.00	7,217,327.38	2,129,304.07
TD at 7333.9 - 10-22-4-2E TGT										

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
6,733.9	6,476.0	Wasatch		0.00	
3,734.4	3,554.0	Mahogany		0.00	
3,219.9	3,092.0	Up. Green River		0.00	
5,682.9	5,425.0	Douglas Creek		0.00	
6,624.9	6,367.0	Uteland		0.00	
6,316.9	6,059.0	Castle Peak		0.00	
6,084.9	5,827.0	Black Shale		0.00	
4,860.4	4,605.0	G. Gulch (TGR3)		0.00	



Payzone Directional
Crescent Point Energy



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well DEEP CREEK 10-22-4-2E
Project:	Unitah County	TVD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Site:	Section 22 T4S, R2E	MD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Well:	DEEP CREEK 10-22-4-2E	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #2	Database:	MasterDB

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,100.0	1,100.0	0.0	0.0	Start Build 2.00
2,406.0	2,361.3	292.3	-13.2	Start 1648.3 hold at 2406.0 MD
4,054.3	3,841.2	1,017.2	-46.1	Start Drop -2.00
5,360.4	5,102.5	1,309.5	-59.3	Start 1973.5 hold at 5360.4 MD
7,333.9	7,076.0	1,309.5	-59.3	TD at 7333.9

Checked By: _____ Approved By: _____ Date: _____



Well Name: DEEP CREEK 10-22-4-2E
 Surface Location: Section 22 T4S, R2E
 North American Datum 1983 US State Plane 1983 Utah Central Zone
 Ground Elevation: 4851.9
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 7216019.26 2129388.94 40° 7' 0.192 N 109° 45' 5.180 W
 EST KB DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)



Azimuths to True North
 Magnetic North: 10.76°
 Magnetic Field
 Strength: 52019.8snT
 Dip Angle: 65.83°
 Date: 11/13/2014
 Model: IGRF2010

Section 22 T4S, R2E
 DEEP CREEK 10-22-4-2E
 Design #2
 10:25, November 13 2014

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

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
10-22-4-2E TGT	7076.0	1309.5	-59.3	7217327.38	2129304.07	40° 7' 13.134 N	109° 45' 5.944 W	Rectangle (Sides: L397.0 W399.0)

ANNOTATIONS

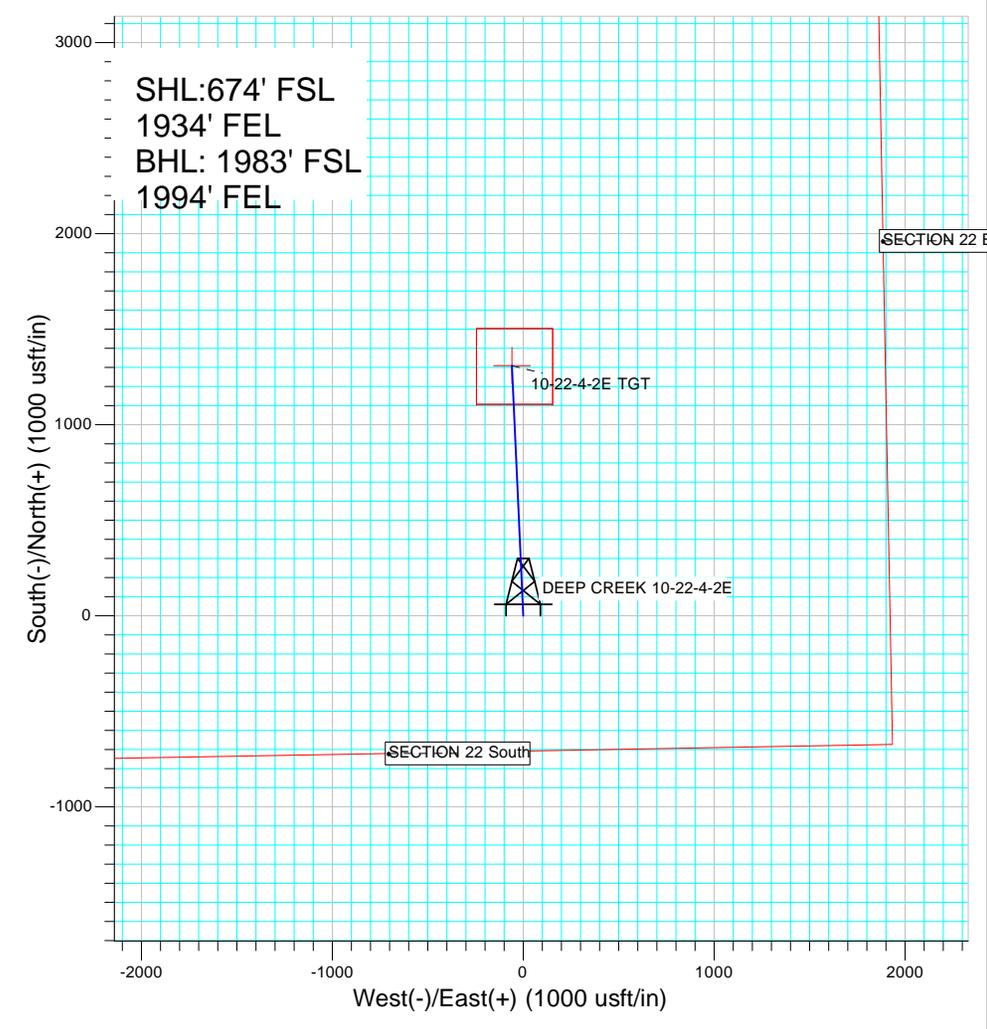
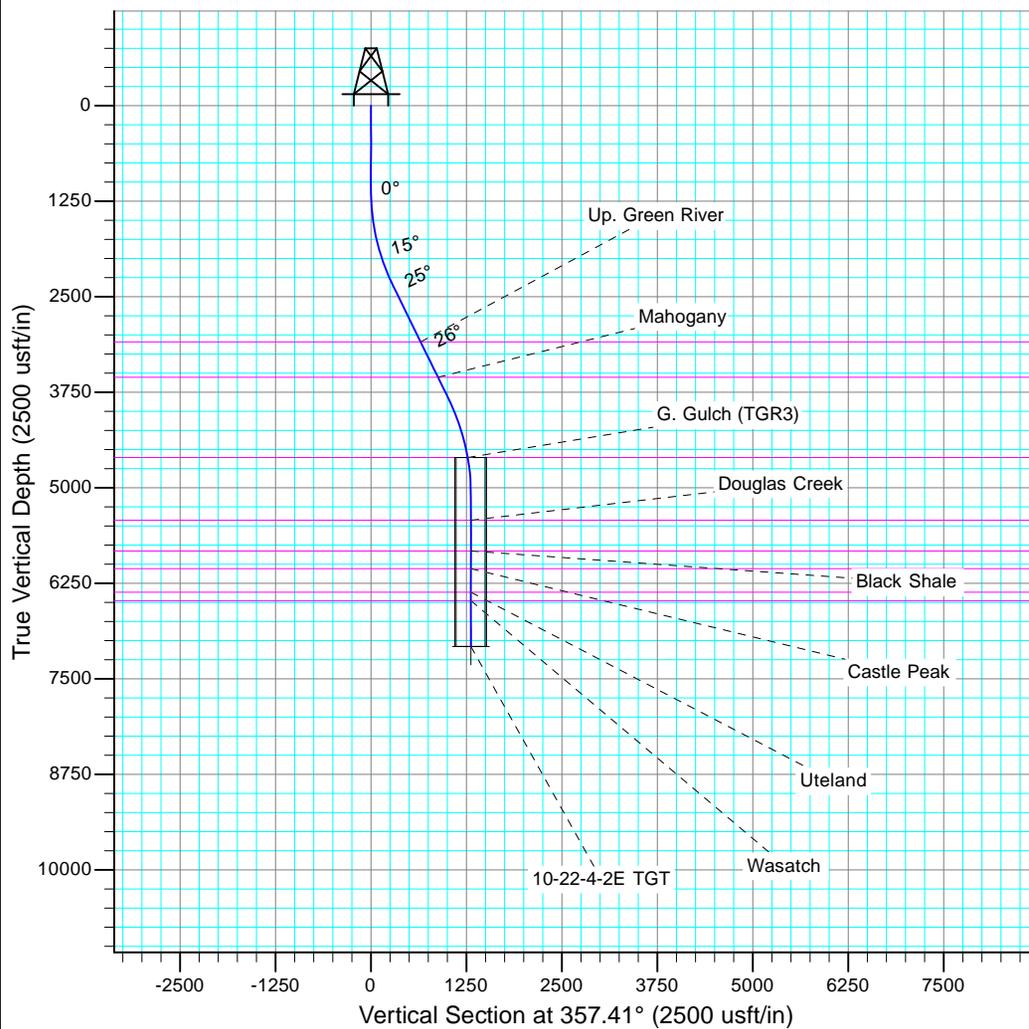
TVD	MD	Annotation
1100.0	1100.0	Start Build 2.00
2361.3	2406.0	Start 1648.3 hold at 2406.0 MD
3841.2	4054.3	Start Drop -2.00
5102.5	5360.4	Start 1973.5 hold at 5360.4 MD
7076.0	7333.9	TD at 7333.9

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1100.0	0.00	0.00	1100.0	0.0	0.0	0.00	0.00	0.0	
3	2406.0	26.12	357.41	2361.3	292.3	-13.2	2.00	357.41	292.6	
4	4054.3	26.12	357.41	3841.2	1017.2	-46.1	0.00	0.00	1018.3	
5	5360.4	0.00	0.00	5102.5	1309.5	-59.3	2.00	180.00	1310.9	
6	7333.9	0.00	0.00	7076.0	1309.5	-59.3	0.00	0.00	1310.9	10-22-4-2E TGT

FORMATION TOP DETAILS

TVDPPath	MDPath	Formation	DipAngle	DipDir
3092.0	3219.9	Up. Green River	0.00	
3554.0	3734.4	Mahogany	0.00	
4605.0	4860.4	G. Gulch (TGR3)	0.00	
5425.0	5682.9	Douglas Creek	0.00	
5827.0	6084.9	Black Shale	0.00	
6059.0	6316.9	Castle Peak	0.00	
6367.0	6624.9	Uteland	0.00	
6476.0	6733.9	Wasatch	0.00	



R. 2 E.



SCALE 1" = 1000'
GRID NORTH

T. 4 S.

SHL

LATITUDE (NAD 83)
NORTH 40.116720 DEG.
LONGITUDE (NAD 83)
WEST 109.751439 DEG.

LATITUDE (NAD 27)
NORTH 40.116757 DEG.
LONGITUDE (NAD 27)
WEST 109.750742 DEG.

NORTHING
654357.59
EASTING
2489179.86

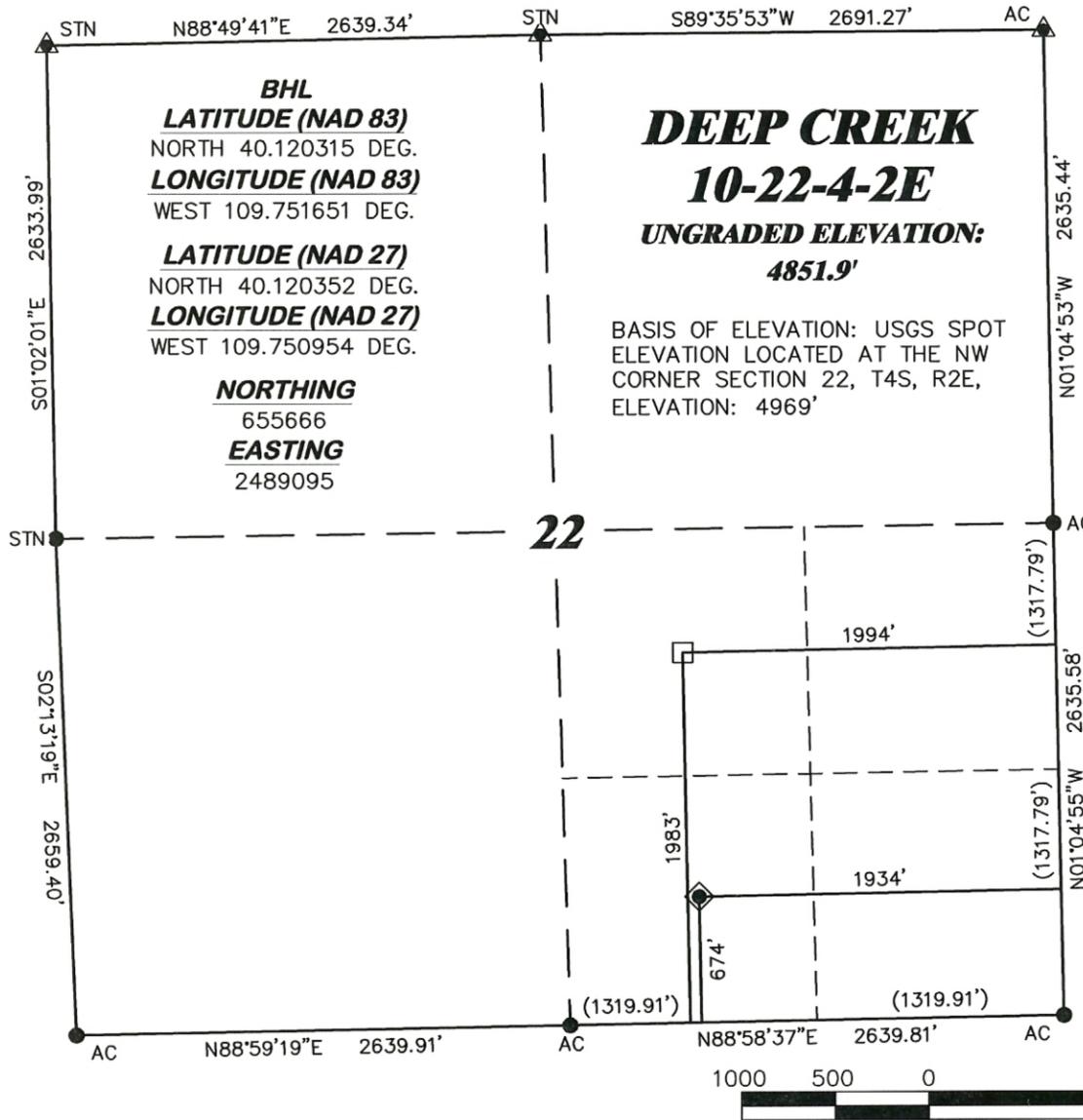
DATUM
SPCS UTC (NAD 27)

DEEP CREEK

10-22-4-2E

UNGRADED ELEVATION:
4851.9'

BASIS OF ELEVATION: USGS SPOT
ELEVATION LOCATED AT THE NW
CORNER SECTION 22, T4S, R2E,
ELEVATION: 4969'

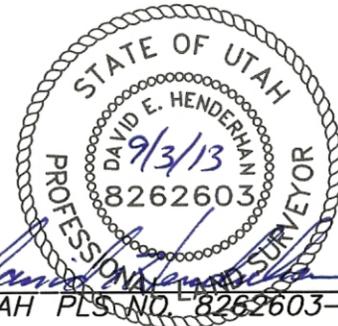


SURVEYOR'S STATEMENT

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 25th DAY OF AUGUST, 2013 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF DEEP CREEK 10-22-4-2E AS STAKED ON THE GROUND.

LEGEND

- ◆ WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- FOUND MONUMENT
- ▲ 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 22, FOR
CRESCENT POINT ENERGY**

DRAWN: 8/30/2013 - RAS	SCALE: 1" = 1000'
REVISED: N/A -.	DRG JOB No. 20038
	EXHIBIT 1

**674' F/SL, & 1934' F/EL, SECTION 22,
T. 4 S., R. 2 E., U.S.M.,
UINTAH COUNTY, UTAH**



Crescent Point Energy

**Unitah County
Section 22 T4S, R2E
DEEP CREEK 10-22-4-2E**

**Wellbore #1
Design #2**

Anticollision Report

13 November, 2014





Payzone Directional
Anticollision Report



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well DEEP CREEK 10-22-4-2E
Project:	Utah County	TVD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Reference Site:	Section 22 T4S, R2E	MD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Site Error:	0.0 usft	North Reference:	True
Reference Well:	DEEP CREEK 10-22-4-2E	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	MasterDB
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Reference	Design #2		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.0 usft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date 11/13/2014			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	7,333.5	Design #2 (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Section 22 T4S, R2E						
DEEP CREEK 15-22-4-2E - Wellbore #1 - Actual	1,431.5	1,430.9	20.4	15.5	4.134	CC, ES, SF

Offset Design													Section 22 T4S, R2E - DEEP CREEK 15-22-4-2E - Wellbore #1 - Actual	Offset Site Error:	0.0 usft
Survey Program:													1122-MWD	Offset Well Error:	0.0 usft
Reference	Offset		Semi Major Axis		Distance								Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
0.0	0.0	18.0	18.0	0.0	0.0	-72.17	7.6	-23.8	30.8						
100.0	100.0	100.0	100.0	0.1	0.1	-72.07	7.7	-23.8	25.0	24.8	0.18	135.221			
200.0	200.0	200.0	200.0	0.3	0.2	-71.70	7.9	-23.7	25.0	24.5	0.52	47.895			
300.0	300.0	300.0	300.0	0.5	0.3	-71.04	8.1	-23.7	25.1	24.2	0.86	29.157			
400.0	400.0	400.0	400.0	0.8	0.4	-70.10	8.6	-23.6	25.1	23.9	1.20	21.008			
500.0	500.0	500.0	500.0	1.0	0.5	-68.89	9.1	-23.6	25.3	23.7	1.53	16.465			
600.0	600.0	600.0	600.0	1.2	0.7	-67.41	9.8	-23.5	25.4	23.6	1.87	13.583			
700.0	700.0	699.9	699.9	1.4	0.8	-65.68	10.6	-23.4	25.6	23.4	2.21	11.605			
800.0	800.0	799.9	799.9	1.7	0.9	-63.72	11.5	-23.2	25.9	23.4	2.55	10.176			
900.0	900.0	899.9	899.9	1.9	1.0	-61.54	12.5	-23.1	26.3	23.4	2.88	9.107			
1,000.0	1,000.0	999.9	999.9	2.1	1.1	-59.17	13.7	-22.9	26.7	23.5	3.22	8.288			
1,100.0	1,100.0	1,099.9	1,099.8	2.3	1.2	-56.64	15.0	-22.7	27.2	23.7	3.56	7.652			
1,200.0	1,200.0	1,200.0	1,199.9	2.6	1.4	-54.59	16.2	-22.5	26.6	22.7	3.96	6.717			
1,300.0	1,299.8	1,300.0	1,299.9	2.8	1.6	-62.83	16.9	-21.9	23.8	19.4	4.38	5.423			
1,400.0	1,399.5	1,399.6	1,399.6	3.0	1.8	-82.91	17.3	-21.3	20.7	15.9	4.80	4.316			
1,431.5	1,430.7	1,430.9	1,430.8	3.1	1.8	-92.49	17.3	-21.2	20.4	15.5	4.93	4.134	CC, ES, SF		
1,500.0	1,498.7	1,498.7	1,498.7	3.3	2.0	-116.18	17.0	-20.9	22.4	17.2	5.23	4.287			
1,600.0	1,597.5	1,597.3	1,597.2	3.5	2.2	-143.04	16.0	-20.4	33.1	27.5	5.65	5.865			
1,700.0	1,695.6	1,695.2	1,695.2	3.8	2.4	-156.91	14.9	-20.2	50.7	44.6	6.06	8.366			
1,800.0	1,793.1	1,792.5	1,792.4	4.2	2.6	-163.82	14.1	-20.3	72.8	66.4	6.47	11.263			
1,900.0	1,889.6	1,888.7	1,888.6	4.6	2.8	-167.83	13.2	-20.6	98.9	92.1	6.87	14.392			
2,000.0	1,985.3	1,983.7	1,983.6	5.0	3.0	-170.45	12.1	-20.8	128.8	121.5	7.28	17.696			
2,100.0	2,079.8	2,078.5	2,078.4	5.5	3.2	-172.29	10.9	-20.9	162.2	154.5	7.68	21.113			
2,200.0	2,173.2	2,172.6	2,172.6	6.1	3.4	-173.51	10.5	-21.3	198.2	190.1	8.08	24.522			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Payzone Directional
Anticollision Report



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well DEEP CREEK 10-22-4-2E
Project:	Utah County	TVD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Reference Site:	Section 22 T4S, R2E	MD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Site Error:	0.0 usft	North Reference:	True
Reference Well:	DEEP CREEK 10-22-4-2E	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	MasterDB
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 usft
Section 22 T4S, R2E - DEEP CREEK 15-22-4-2E - Wellbore #1 - Actual													Offset Well Error:	0.0 usft
Survey Program: 1122-MWD														
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,300.0	2,265.2	2,263.8	2,263.7	6.7	3.5	-174.41	10.1	-21.6	237.6	229.1	8.48	28.008		
2,406.0	2,361.3	2,359.8	2,359.7	7.4	3.7	-175.18	9.5	-21.8	282.9	274.0	8.91	31.769		
2,500.0	2,445.6	2,444.2	2,444.1	8.1	3.9	-175.76	9.1	-22.0	324.6	315.2	9.36	34.681		
2,600.0	2,535.4	2,533.6	2,533.5	8.9	4.1	-176.26	8.7	-22.0	369.0	359.1	9.85	37.459		
2,700.0	2,625.2	2,622.9	2,622.8	9.7	4.3	-176.68	8.2	-21.8	413.4	403.1	10.35	39.948		
2,800.0	2,715.0	2,711.6	2,711.5	10.5	4.5	-177.04	7.6	-21.5	458.0	447.1	10.85	42.199		
2,900.0	2,804.8	2,799.8	2,799.7	11.3	4.7	-177.33	6.8	-21.3	502.8	491.4	11.36	44.253		
3,000.0	2,894.6	2,888.3	2,888.2	12.1	4.9	-177.57	5.8	-21.0	547.7	535.9	11.87	46.128		
3,100.0	2,984.4	2,978.7	2,978.6	12.9	5.1	-177.77	4.8	-20.9	592.7	580.4	12.39	47.830		
3,200.0	3,074.1	3,070.0	3,069.9	13.7	5.2	-177.93	4.1	-20.9	637.5	624.5	12.92	49.356		
3,300.0	3,163.9	3,160.4	3,160.3	14.5	5.4	-178.06	3.5	-20.8	682.0	668.6	13.44	50.743		
3,400.0	3,253.7	3,252.6	3,252.5	15.3	5.6	-178.20	3.2	-20.6	726.3	712.4	13.97	51.982		
3,500.0	3,343.5	3,343.2	3,343.0	16.2	5.8	-178.34	3.2	-20.2	770.4	755.9	14.50	53.112		
3,600.0	3,433.3	3,432.0	3,431.9	17.0	6.0	-178.44	3.0	-20.1	814.6	799.5	15.04	54.177		
3,700.0	3,523.1	3,515.2	3,515.1	17.8	6.2	-178.49	2.5	-20.4	859.2	843.6	15.56	55.222		
3,800.0	3,612.9	3,606.9	3,606.8	18.6	6.4	-178.51	1.5	-21.1	904.1	888.0	16.10	56.161		
3,900.0	3,702.6	3,705.7	3,705.6	19.5	6.6	-178.54	1.4	-21.8	948.2	931.5	16.65	56.937		
4,000.0	3,792.4	3,793.7	3,793.5	20.3	6.8	-178.56	1.6	-22.4	992.0	974.8	17.19	57.713		
4,054.3	3,841.2	3,840.9	3,840.7	20.8	6.9	-178.57	1.6	-22.9	1,015.9	998.4	17.48	58.119		
4,100.0	3,882.4	3,880.2	3,880.0	21.1	6.9	-178.58	1.6	-23.3	1,035.7	1,017.9	17.77	58.290		
4,200.0	3,973.6	3,969.3	3,969.1	21.7	7.1	-178.58	1.2	-24.5	1,077.1	1,058.7	18.37	58.636		
4,300.0	4,066.2	4,066.8	4,066.6	22.3	7.3	-178.60	1.0	-25.5	1,115.0	1,096.1	18.96	58.814		
4,400.0	4,160.0	4,158.9	4,158.7	22.9	7.5	-178.62	0.9	-26.2	1,149.6	1,130.1	19.51	58.925		
4,500.0	4,255.0	4,248.9	4,248.7	23.4	7.7	-178.63	0.7	-27.0	1,181.1	1,161.0	20.03	58.976		
4,600.0	4,351.0	4,337.5	4,337.3	23.8	7.9	-178.61	-0.1	-28.2	1,209.8	1,189.2	20.51	58.985		
4,700.0	4,447.9	4,428.4	4,428.2	24.3	8.1	-178.59	-1.3	-29.4	1,235.6	1,214.6	20.96	58.937		
4,800.0	4,545.7	4,524.9	4,524.7	24.6	8.3	-178.57	-3.0	-30.6	1,258.4	1,237.0	21.40	58.814		
4,900.0	4,644.1	4,622.2	4,622.0	25.0	8.5	-178.53	-4.6	-32.0	1,277.7	1,255.9	21.79	58.627		
5,000.0	4,743.1	4,715.9	4,715.7	25.3	8.7	-178.50	-6.5	-33.3	1,293.9	1,271.8	22.15	58.419		
5,100.0	4,842.5	4,818.3	4,818.0	25.5	8.9	-178.47	-8.5	-34.4	1,306.7	1,284.2	22.48	58.119		
5,200.0	4,942.2	4,921.0	4,920.7	25.7	9.1	-178.43	-10.4	-35.5	1,315.8	1,293.0	22.78	57.755		
5,300.0	5,042.1	5,019.3	5,018.9	25.8	9.3	-178.39	-12.0	-36.6	1,321.3	1,298.3	23.03	57.363		
5,360.4	5,102.5	5,079.3	5,078.9	25.9	9.5	179.05	-13.1	-37.4	1,323.0	1,299.9	23.17	57.100		
5,400.0	5,142.1	5,119.7	5,119.4	25.9	9.5	179.07	-13.8	-37.8	1,323.7	1,300.4	23.32	56.771		
5,500.0	5,242.1	5,218.3	5,217.9	26.0	9.8	179.10	-15.5	-38.6	1,325.4	1,301.7	23.69	55.944		
5,600.0	5,342.1	5,314.0	5,313.6	26.1	10.0	179.11	-17.5	-38.7	1,327.5	1,303.5	24.06	55.172		
5,700.0	5,442.1	5,407.6	5,407.1	26.2	10.2	179.10	-19.9	-38.4	1,330.1	1,305.6	24.43	54.445		
5,800.0	5,542.1	5,508.4	5,507.9	26.3	10.4	179.08	-22.6	-37.8	1,332.7	1,307.9	24.81	53.712		
5,900.0	5,642.1	5,570.0	5,569.5	26.4	10.5	179.07	-24.1	-37.6	1,335.8	1,310.7	25.11	53.189		
6,000.0	5,742.1	5,570.0	5,569.5	26.5	10.5	179.07	-24.1	-37.6	1,344.9	1,319.6	25.29	53.184		
6,100.0	5,842.1	5,570.0	5,569.5	26.6	10.5	179.07	-24.1	-37.6	1,361.4	1,335.9	25.46	53.463		
6,200.0	5,942.1	5,570.0	5,569.5	26.7	10.5	179.07	-24.1	-37.6	1,384.9	1,359.2	25.64	54.011		
6,300.0	6,042.1	5,570.0	5,569.5	26.8	10.5	179.07	-24.1	-37.6	1,415.1	1,389.2	25.82	54.807		
6,400.0	6,142.1	5,570.0	5,569.5	26.9	10.5	179.07	-24.1	-37.6	1,451.5	1,425.5	26.00	55.831		
6,500.0	6,242.1	5,570.0	5,569.5	27.0	10.5	179.07	-24.1	-37.6	1,493.8	1,467.6	26.18	57.061		
6,600.0	6,342.1	5,570.0	5,569.5	27.1	10.5	179.07	-24.1	-37.6	1,541.4	1,515.0	26.36	58.474		
6,700.0	6,442.1	5,570.0	5,569.5	27.2	10.5	179.07	-24.1	-37.6	1,593.9	1,567.3	26.54	60.048		
6,800.0	6,542.1	5,570.0	5,569.5	27.3	10.5	179.07	-24.1	-37.6	1,650.7	1,624.0	26.73	61.763		
6,900.0	6,642.1	5,570.0	5,569.5	27.4	10.5	179.07	-24.1	-37.6	1,711.6	1,684.7	26.91	63.599		
7,000.0	6,742.1	5,570.0	5,569.5	27.5	10.5	179.07	-24.1	-37.6	1,775.9	1,748.8	27.10	65.538		
7,100.0	6,842.1	5,570.0	5,569.5	27.6	10.5	179.07	-24.1	-37.6	1,843.5	1,816.2	27.28	67.566		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Payzone Directional
Anticollision Report



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well DEEP CREEK 10-22-4-2E
Project:	Utah County	TVD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Reference Site:	Section 22 T4S, R2E	MD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Site Error:	0.0 usft	North Reference:	True
Reference Well:	DEEP CREEK 10-22-4-2E	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	MasterDB
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 usft
Section 22 T4S, R2E - DEEP CREEK 15-22-4-2E - Wellbore #1 - Actual													Offset Well Error:	0.0 usft
Survey Program: 1122-MWD														
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,200.0	6,942.1	5,570.0	5,569.5	27.7	10.5	179.07	-24.1	-37.6	1,913.9	1,886.4	27.47	69.667		
7,300.0	7,042.1	5,570.0	5,569.5	27.9	10.5	179.07	-24.1	-37.6	1,986.8	1,959.2	27.66	71.828		
7,333.9	7,076.0	5,570.0	5,569.5	27.9	10.5	179.07	-24.1	-37.6	2,012.1	1,984.4	27.69	72.657		



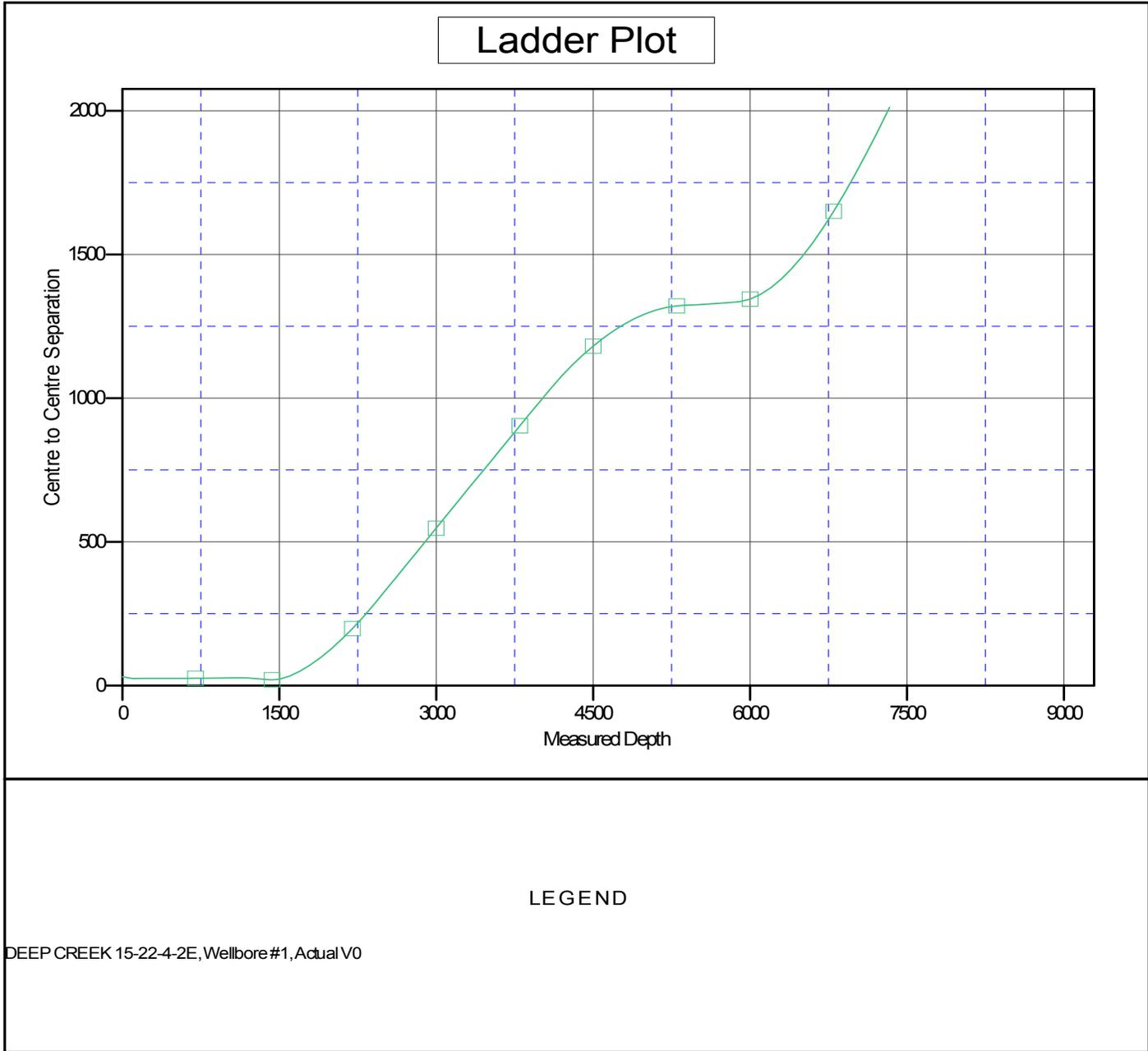
Payzone Directional
Anticollision Report



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well DEEP CREEK 10-22-4-2E
Project:	Unitah County	TVD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Reference Site:	Section 22 T4S, R2E	MD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Site Error:	0.0 usft	North Reference:	True
Reference Well:	DEEP CREEK 10-22-4-2E	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	MasterDB
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to DEEP CREEK 10-22-4-2E @ 4869.9u
 Offset Depths are relative to Offset Datum
 Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: DEEP CREEK 10-22-4-2E
 Coordinate System is US State Plane 1983, Utah Central Zone
 Grid Convergence at Surface is: 1.12°





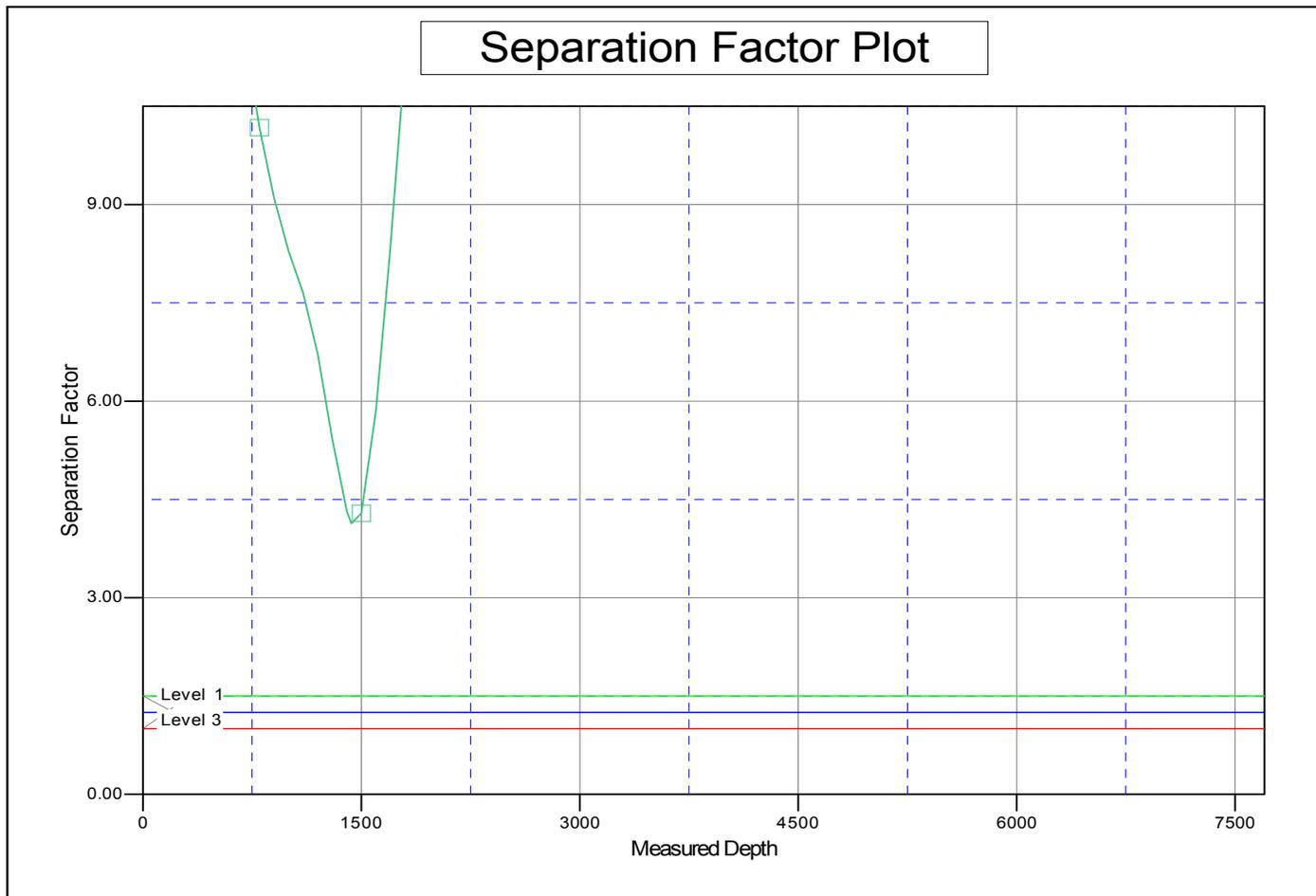
Payzone Directional
Anticollision Report



Company:	Crescent Point Energy	Local Co-ordinate Reference:	Well DEEP CREEK 10-22-4-2E
Project:	Utah County	TVD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Reference Site:	Section 22 T4S, R2E	MD Reference:	DEEP CREEK 10-22-4-2E @ 4869.9usft (EST KB)
Site Error:	0.0 usft	North Reference:	True
Reference Well:	DEEP CREEK 10-22-4-2E	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	MasterDB
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to DEEP CREEK 10-22-4-2E @ 4869.9u
 Offset Depths are relative to Offset Datum
 Central Meridian is 111° 30' 0.000 W

Coordinates are relative to: DEEP CREEK 10-22-4-2E
 Coordinate System is US State Plane 1983, Utah Central Zone
 Grid Convergence at Surface is: 1.12°



LEGEND

- DEEP CREEK 15-22-4-2E, Wellbore #1, Actual V0