

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 RU 19D-24					
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 BLUEBELL					
4. TYPE OF WELL Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME ROOSEVELT					
6. NAME OF OPERATOR ELK PRODUCTION UINTAH, LLC						7. OPERATOR PHONE 303 312-8128					
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL dzavadil@billbarrettcorp.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee <input type="checkbox"/>			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') Blue Diamond Oil Corporation						14. SURFACE OWNER PHONE (if box 12 = 'fee') 775-289-3849					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO Box 150432, East Ely, NV 89315						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 checked="" type="checkbox"/> (Submit Commingling Application) NO <input 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		2060 FNL 1060 FEL		SENE	19	1.0 S	1.0 E	U			
Top of Uppermost Producing Zone		1980 FNL 660 FEL		SENE	19	1.0 S	1.0 E	U			
At Total Depth		1980 FNL 660 FEL		SENE	19	1.0 S	1.0 E	U			
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 660			23. NUMBER OF ACRES IN DRILLING UNIT 640					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1282			26. PROPOSED DEPTH MD: 11287 TVD: 11260					
27. ELEVATION - GROUND LEVEL 5479			28. BOND NUMBER LPM4138148			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-180					
Hole, Casing, and Cement Information											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight
COND	26	16	0 - 80	65.0	Unknown	8.8	No Used		0	0.0	0.0
SURF	12.25	9.625	0 - 2500	36.0	K-55 ST&C	8.8	Halliburton Premium , Type Unknown		360	3.16	11.0
							Halliburton Premium , Type Unknown		210	1.36	14.8
PROD	8.75	5.5	0 - 11287	20.0	P-110 LT&C	9.7	Unknown		1170	2.31	11.0
							Unknown		590	1.42	13.5
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 Venessa Langmacher			TITLE Senior Permit Analyst			PHONE 303 312-8172					
SIGNATURE			DATE 07/23/2012			EMAIL vlangmacher@billbarrettcorp.com					
API NUMBER ASSIGNED 43047530010000			APPROVAL			 Permit Manager					

DRILLING PLAN

ELK PRODUCTION UINTAH, LLC

RU 19D-24

SE NE, 2060' FNL and 1060' FEL, Section 19, T1S-R1E, USB&M (Surface Hole)

SE NE, 1980' FNL and 660' FEL, Section 19, T1S-R1E, USB&M (Bottom Hole)

Uintah County, Utah

1 - 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	<u>Depth – MD</u>	<u>Depth – TVD</u>
Green River	7,135'	7,108'
Mahogany	7,715'	7,688'
Lower Green River*	8,940'	8,913'
Douglas Creek	9,120'	9,093'
Black Shale	9,615'	9,588'
Castle Peak	9,910'	9,883'
Wasatch*	10,730'	10,703'
TD	11,287'	11,260'

*PROSPECTIVE PAY

The Green River and Wasatch formations are the primary objectives for oil/gas.

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 2,500'	NU Diverter or Rotating Head
2,500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
26"	Surface	80'	16"	65#			
12 1/4"	Surface	2,500'	9 5/8"	36#	J or K 55	ST&C	New
8 3/4"	Surface	TD	5 1/2"	20#	P-110	LT&C	New

*The casing program is based on recent wells drilled by Axia in the immediate area.

Elk Production Uintah, LLC
 Drilling Program
 RU #19D-24
 Uintah County, Utah

Note: 9-5/8" casing may be preset with a spudder rig. If this occurs, the following equipment shall be in place and operational during air/gas drilling:

- Properly lubricated and maintained rotating head
- Spark arresters on engines or water cooled exhaust
- Blooie line discharge 100 feet from well bore and securely anchored
- Straight run on blooie line unless otherwise approved
- Deduster equipment
- All cuttings and circulating medium shall be directed into a reserve or blooie pit
- Float valve above bit
- Automatic igniter or continuous pilot light on the blooie line
- Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the well bore
- Mud circulating equipment, water, and mud materials (does not have to be premixed) sufficient to maintain the capacity of the hole and circulating tanks or pits

5. **Cementing Program**

Casing	Cementing
16" Conductor Casing	<i>Grout</i>
9 5/8" Surface Casing	<p><i>Lead</i> with approximately 360 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft³/sx) circulated to surface with 75% excess. Top of lead estimated at surface.</p> <p><i>Tail</i> with approximately 210 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft³/sx), calculated hole volume with 75% excess. Top of tail estimated at 2,000'.</p>
5 1/2" Production Casing	<p><i>Lead</i> with approximately 1170 sx Tuned Light cement with additives, mixed at 11.0 ppg (yield = 2.31 ft³/sx.) . Top of lead estimated at 2,000'.</p> <p><i>Tail</i> with approximately 590 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft³/sx). Top of tail estimated at 9,115'.</p>

6. **Mud Program**

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 2,500'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
2,500' – TD	8.6 – 9.7	42-52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its				

Elk Production Uintah, LLC
 Drilling Program
 RU #19D-24
 Uintah County, Utah

fluid system in order to reduce torque and drag.
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7. **Testing, Logging and Core Programs**

Cores	None anticipated
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.

8. **Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5679 psi* and maximum anticipated surface pressure equals approximately 3202 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A - (0.22 x TD)

9. **Auxiliary Equipment**

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

10. **Location and Type of Water Supply**

Water for the drilling and completion will be trucked from the Green River located in Sec. 33, T8S, R20E.

11. **Drilling Schedule**

Location Construction: November 2012
 Spud: November 2012
 Duration: 15 days drilling time
 45 days completion time

T1S, R1E, U.S.B.&M.

ELK PRODUCTION UINTAH, LLC

Well location, ROOSEVELT UNIT #19D-24, located as shown in the SE 1/4 NE 1/4 of Section 19, T1S, R1E, U.S.B.&M. Uintah County, Utah.

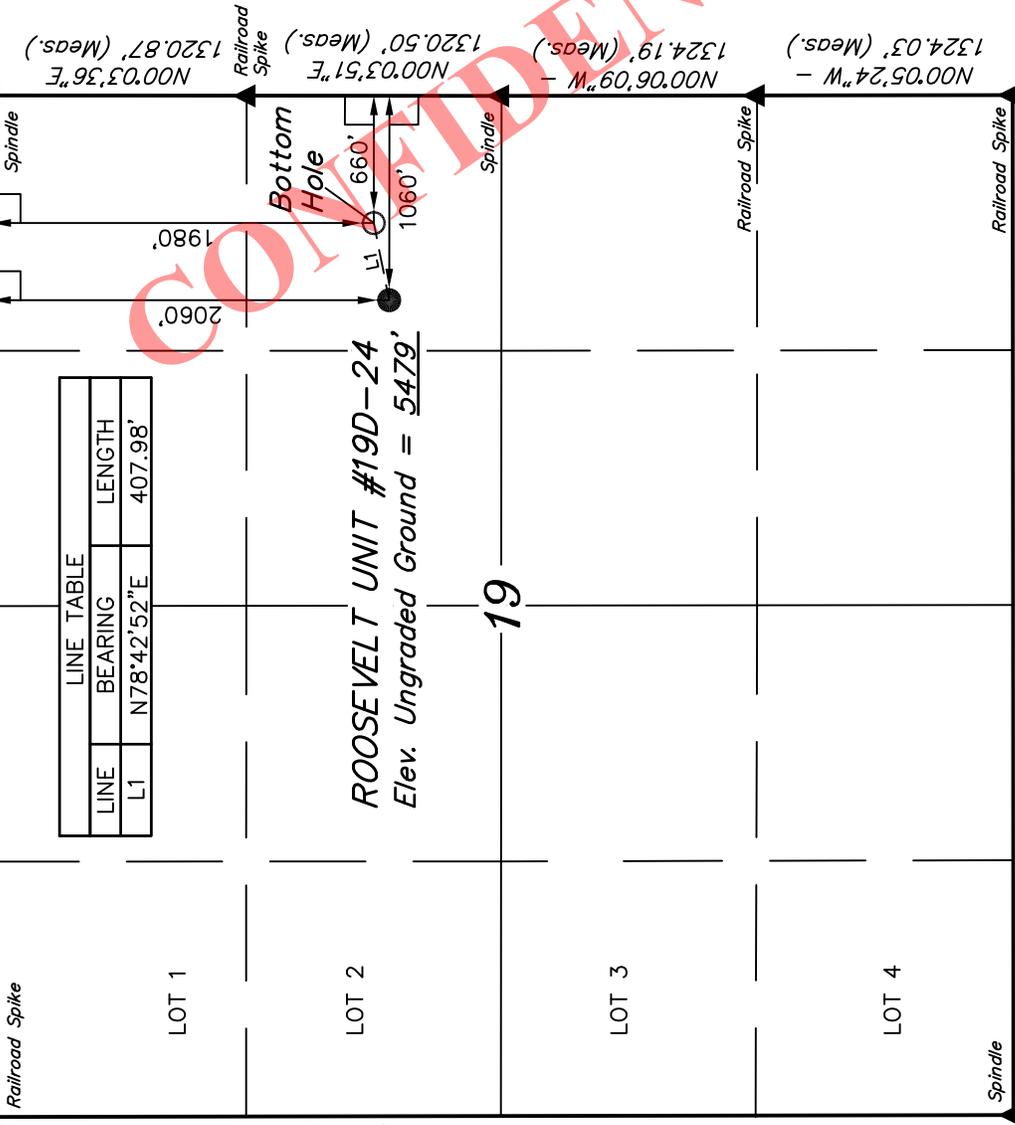
N89°58'47"W - 5297.09' (Meas.)

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 18, T1S, R1E, U.S.B.&M. TAKEN FROM THE WHITEROCKS QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5519 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



R
1
W

N00°06'46"W - 5296.07' (Meas.)

S89°57'00"W - 5288.26' (Meas.)

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'

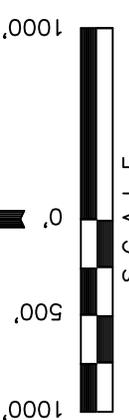
PARTY C.R. S.R. K.O.

WEATHER WARM

DATE SURVEYED: 08-17-11
 DATE DRAWN: 09-16-11

REFERENCES G.L.O. PLAT

FILE ELK PRODUCTION UINTAH, LLC



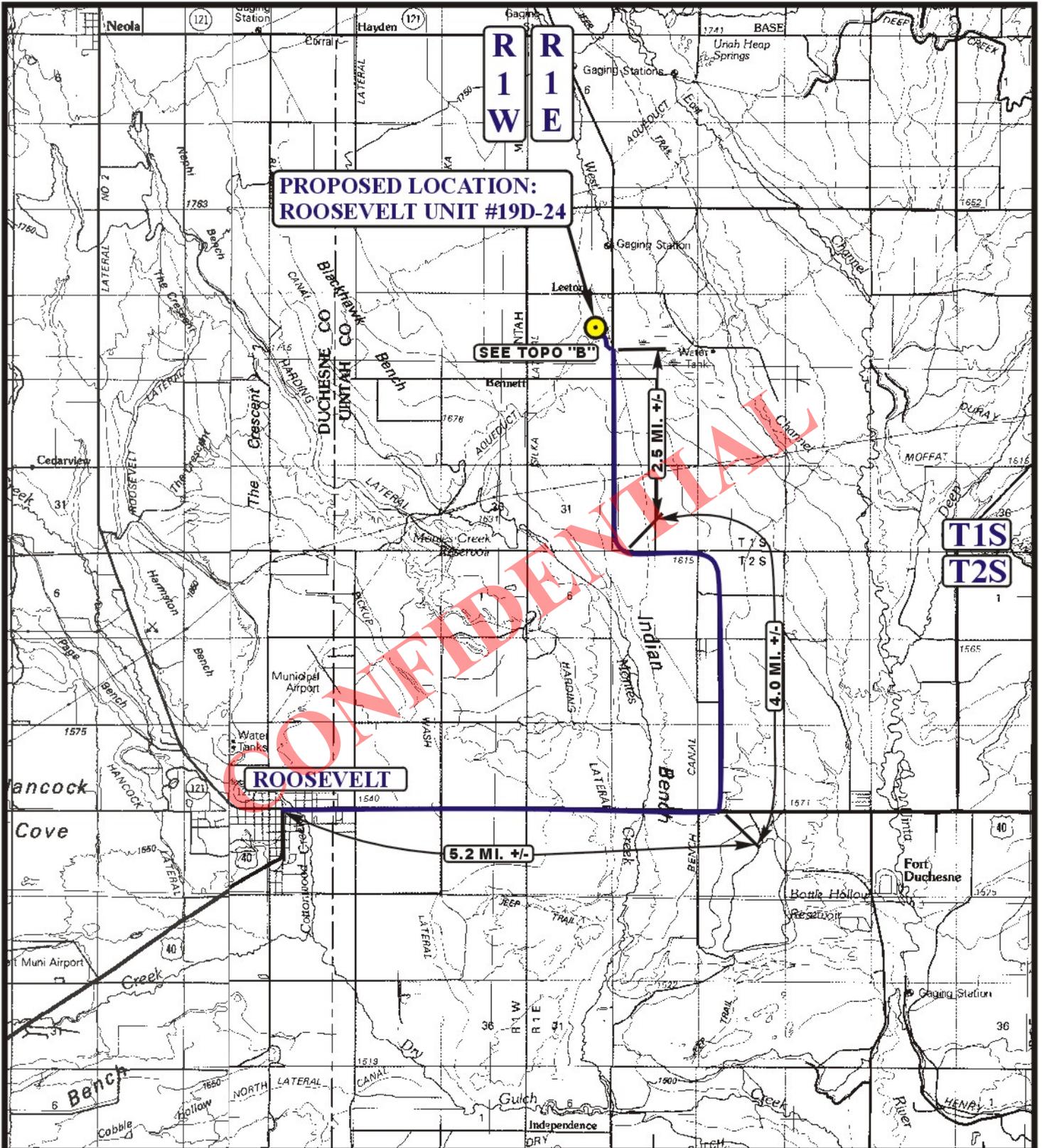
CERTIFICATE

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

ROBERTA KAY
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

- LEGEND:**
- = 90° SYMBOL
 - = PROPOSED WELL HEAD.
 - ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°23'02.00" (40.383889)	LATITUDE = 40°23'01.21" (40.383669)
LONGITUDE = 109°55'07.43" (110.918731)	LONGITUDE = 109°55'12.60" (109.920167)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°23'02.15" (40.383931)	LATITUDE = 40°23'01.36" (40.383711)
LONGITUDE = 109°55'04.90" (110.918028)	LONGITUDE = 109°55'10.07" (109.919464)



LEGEND:

PROPOSED LOCATION



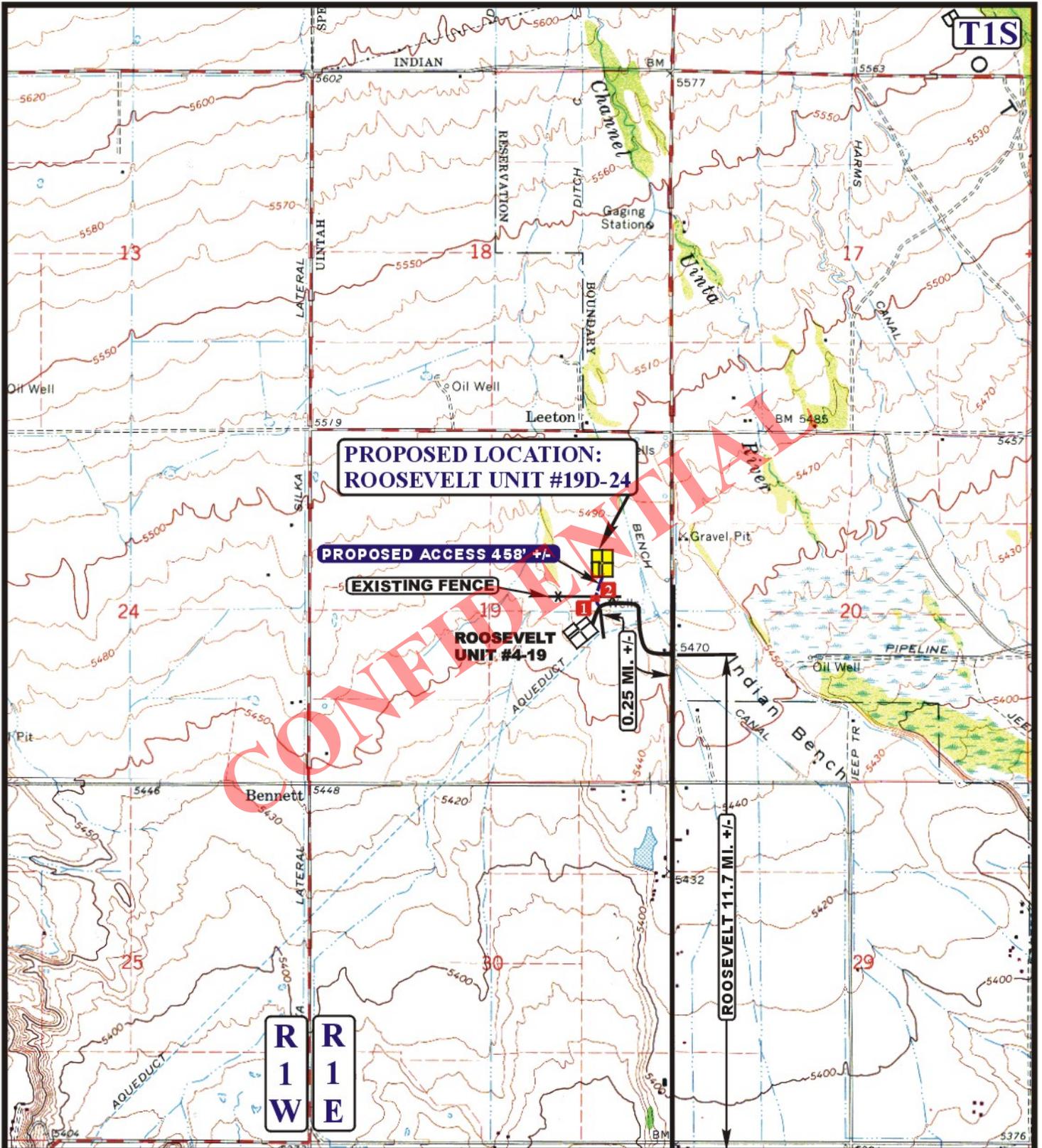
ELK PRODUCTION UINTAH, LLC

ROOSEVELT UNIT #19D-24
SECTION 19, T1S, R1E, U.S.B.&M.
2060' FNL 1060' FEL



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD	08	23	11	A
	MONTH	DAY	YEAR	
SCALE: 1:100,000	DRAWN BY: C.I.		REVISED: 00-00-00	



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING FENCE
- 18" CMP REQUIRED
- INSTALL CATTLE GUARD



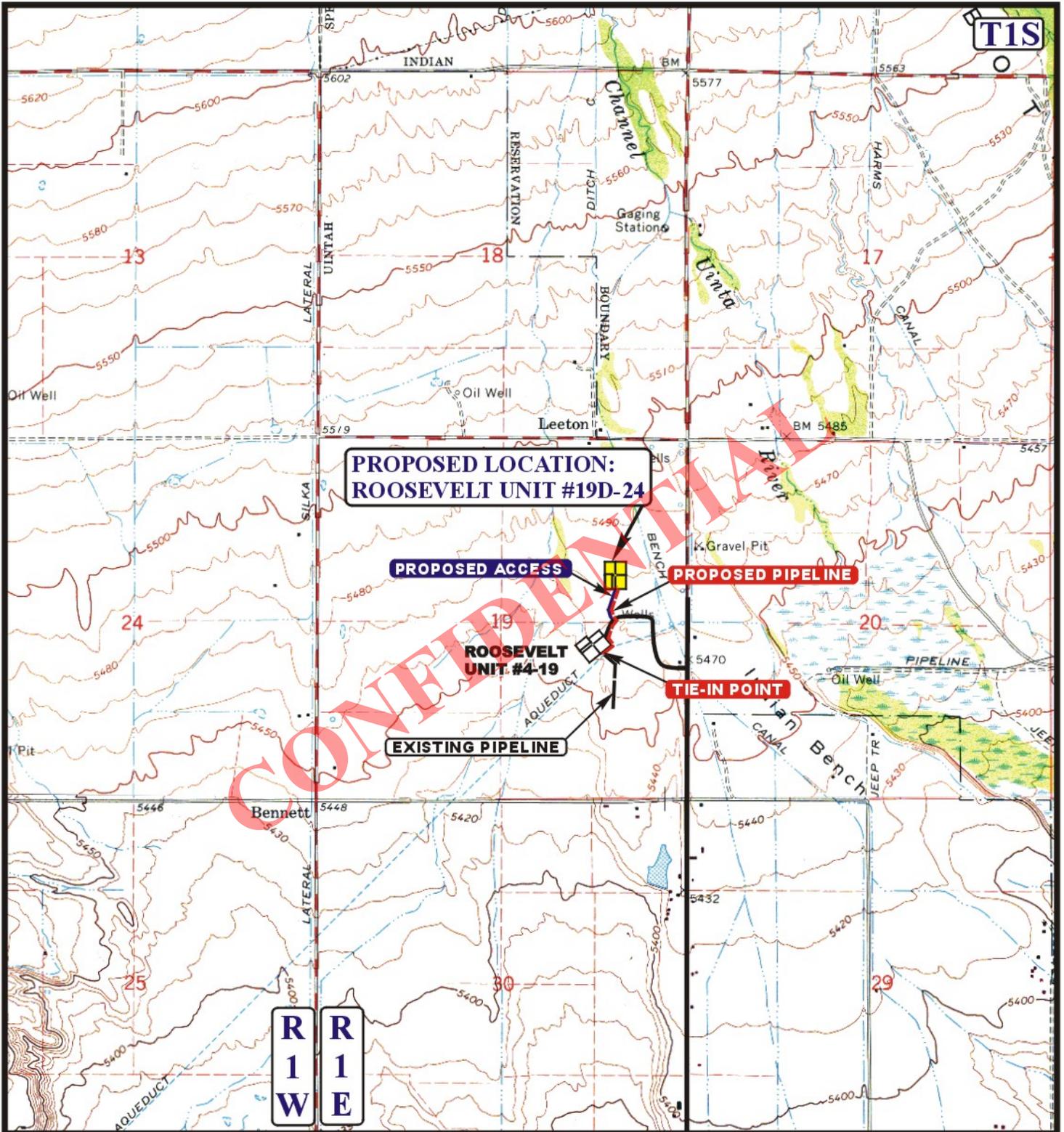
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ELK PRODUCTION UINTAH, LLC

ROOSEVELT UNIT #19D-24
SECTION 19, T1S, R1E, U.S.B.&M.
2060' FNL 1060' FEL

ACCESS ROAD MAP	08	23	11	B TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: C.I.		REVISED: 00-00-00	



APPROXIMATE TOTAL PIPELINE DISTANCE = 1100' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

ELK PRODUCTION UINTAH, LLC

ROOSEVELT UNIT #19D-24
SECTION 19, T1S, R1E, U.S.B.&M.
2060' FNL 1060' FEL

U&L S Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP **08 23 11**
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.I. REVISED: 00-00-00 **TOPO**

Elk Production Uintah, LLC

UINTAH COUNTY

RU 19D-24

RU 19D-24

RU 19D-24

Plan: Design #2

Standard Planning Report

13 September, 2012

CONFIDENTIAL

Site Latitude: 40° 23' 1.360 N
Site Longitude: 109° 55' 10.070 W

COMPANY Elk Production Uintah, LLC

Calculation Method: Minimum Curvature
Error System: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Elliptical Conic
Warning Method: Error Ratio

Positional Uncertainty: 0.0
Convergence: 1.04
Local North: True

WELL DETAILS: RU 19D-24

Ground Level: 5478.0
Northing: 22358.82 Easting: 2440337.62 Latitude: 40° 23' 1.360 N Longitude: 109° 55' 10.070 W Slot

+N/-S: 0.0 +E/-W: 0.0

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
RU 19D-24 BTV	7000.0	80.2	400.1	40° 23' 2.152 N	109° 55' 4.901 W	Rectangle (Sides: L200.0 W200.0)
RU 19D-24 PBHL #2	14203.0	80.2	400.1	40° 23' 2.152 N	109° 55' 4.901 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

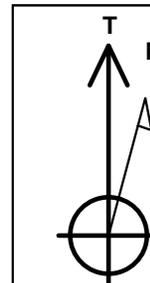
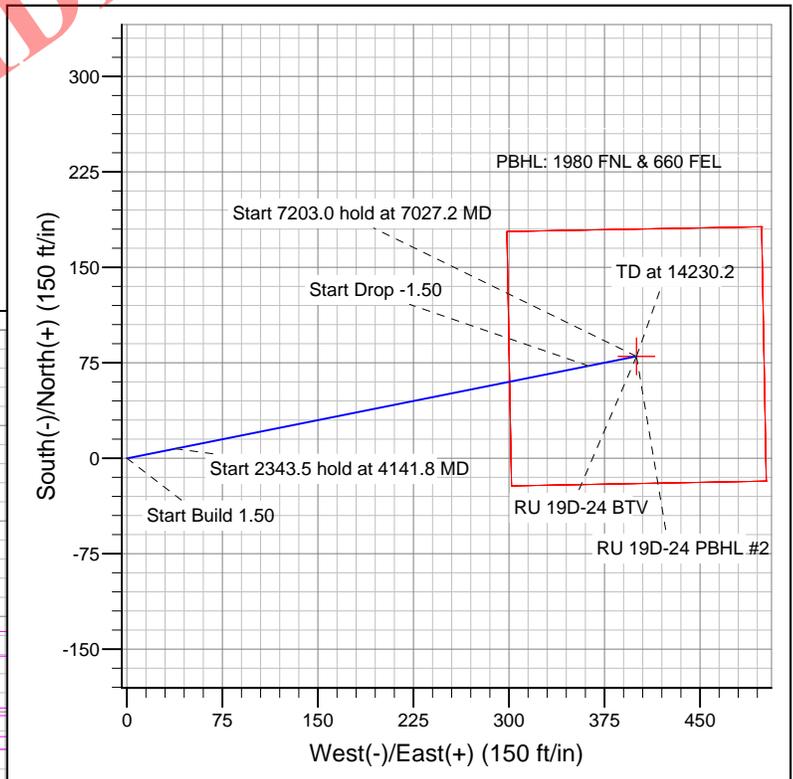
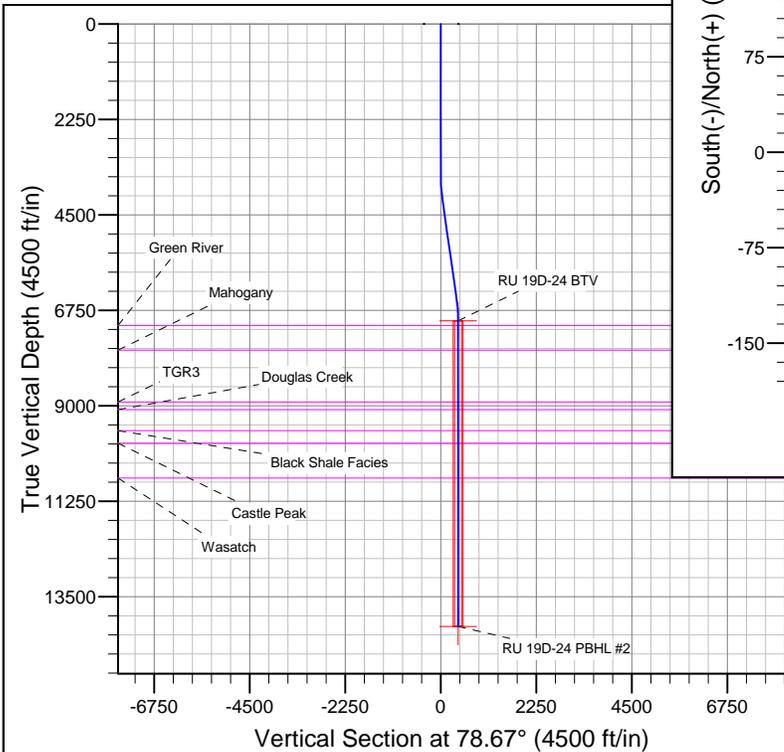
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3600.0	0.00	0.00	3600.0	0.0	0.0	0.00	0.00	0.0	
3	4141.8	8.13	78.67	4140.0	7.5	37.6	1.50	78.67	38.4	
4	6485.3	8.13	78.67	6460.0	72.6	362.5	0.00	0.00	369.7	
5	7027.2	0.00	0.00	7000.0	80.2	400.1	1.50	180.00	408.0	RU 19D-24 BTV
6	14230.2	0.00	0.00	14203.0	80.2	400.1	0.00	0.00	408.0	RU 19D-24 PBHL #2

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
7108.0	7135.2	Green River
7688.0	7715.2	Mahogany
8913.0	8940.2	TGR3
9093.0	9120.2	Douglas Creek
9588.0	9615.2	Black Shale Facies
9883.0	9910.2	Castle Peak
10703.0	10730.2	Wasatch

CASING DETAILS

No casing data is available



Azimuths to True North
Magnetic North: 11.17°

Magnetic Field
Strength: 52365.2snT
Dip Angle: 66.07°
Date: 7/17/2012
Model: IGRF2010

Elk Production Uintah, LLC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site RU 19D-24
Company:	Elk Production Uintah, LLC	TVD Reference:	KB @ 5493.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 5493.0ft (Original Well Elev)
Site:	RU 19D-24	North Reference:	True
Well:	RU 19D-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	RU 19D-24		
Design:	Design #2		

Project	UINTAH COUNTY		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah North 4301		

Site	RU 19D-24				
Site Position:		Northing:	22,358.82 ft	Latitude:	40° 23' 1.360 N
From:	Lat/Long	Easting:	2,440,337.62 ft	Longitude:	109° 55' 10.070 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	1.04 °

Well	RU 19D-24					
Well Position	+N/-S	0.0 ft	Northing:	22,358.82 ft	Latitude:	40° 23' 1.360 N
	+E/-W	0.0 ft	Easting:	2,440,337.62 ft	Longitude:	109° 55' 10.070 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,478.0 ft

Wellbore	RU 19D-24				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/17/2012	11.17	66.07	52,365

Design	Design #2			
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	78.67

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	
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,141.8	8.13	78.67	4,140.0	7.5	37.6	1.50	1.50	0.00	78.67	
6,485.3	8.13	78.67	6,460.0	72.6	362.5	0.00	0.00	0.00	0.00	
7,027.2	0.00	0.00	7,000.0	80.2	400.1	1.50	-1.50	0.00	180.00	RU 19D-24 BTV
14,230.2	0.00	0.00	14,203.0	80.2	400.1	0.00	0.00	0.00	0.00	RU 19D-24 PBHL #2

Elk Production Uintah, LLC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site RU 19D-24
Company:	Elk Production Uintah, LLC	TVD Reference:	KB @ 5493.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 5493.0ft (Original Well Elev)
Site:	RU 19D-24	North Reference:	True
Well:	RU 19D-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	RU 19D-24		
Design:	Design #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	1.50	78.67	3,700.0	0.3	1.3	1.3	1.50	1.50	0.00
3,800.0	3.00	78.67	3,799.9	1.0	5.1	5.2	1.50	1.50	0.00
3,900.0	4.50	78.67	3,899.7	2.3	11.5	11.8	1.50	1.50	0.00
4,000.0	6.00	78.67	3,999.3	4.1	20.5	20.9	1.50	1.50	0.00
4,100.0	7.50	78.67	4,098.6	6.4	32.0	32.7	1.50	1.50	0.00
4,141.8	8.13	78.67	4,140.0	7.5	37.6	38.4	1.50	1.50	0.00
4,200.0	8.13	78.67	4,197.6	9.1	45.7	46.6	0.00	0.00	0.00
4,300.0	8.13	78.67	4,296.6	11.9	59.5	60.7	0.00	0.00	0.00
4,400.0	8.13	78.67	4,395.6	14.7	73.4	74.9	0.00	0.00	0.00
4,500.0	8.13	78.67	4,494.6	17.5	87.3	89.0	0.00	0.00	0.00
4,600.0	8.13	78.67	4,593.6	20.3	101.1	103.1	0.00	0.00	0.00
4,700.0	8.13	78.67	4,692.6	23.0	115.0	117.3	0.00	0.00	0.00
4,800.0	8.13	78.67	4,791.6	25.8	128.9	131.4	0.00	0.00	0.00
4,900.0	8.13	78.67	4,890.6	28.6	142.7	145.6	0.00	0.00	0.00
5,000.0	8.13	78.67	4,989.6	31.4	156.6	159.7	0.00	0.00	0.00
5,100.0	8.13	78.67	5,088.6	34.1	170.4	173.8	0.00	0.00	0.00
5,200.0	8.13	78.67	5,187.6	36.9	184.3	188.0	0.00	0.00	0.00

Elk Production Uintah, LLC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site RU 19D-24
Company:	Elk Production Uintah, LLC	TVD Reference:	KB @ 5493.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 5493.0ft (Original Well Elev)
Site:	RU 19D-24	North Reference:	True
Well:	RU 19D-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	RU 19D-24		
Design:	Design #2		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,300.0	8.13	78.67	5,286.6	39.7	198.2	202.1	0.00	0.00	0.00	
5,400.0	8.13	78.67	5,385.5	42.5	212.0	216.2	0.00	0.00	0.00	
5,500.0	8.13	78.67	5,484.5	45.3	225.9	230.4	0.00	0.00	0.00	
5,600.0	8.13	78.67	5,583.5	48.0	239.7	244.5	0.00	0.00	0.00	
5,700.0	8.13	78.67	5,682.5	50.8	253.6	258.7	0.00	0.00	0.00	
5,800.0	8.13	78.67	5,781.5	53.6	267.5	272.8	0.00	0.00	0.00	
5,900.0	8.13	78.67	5,880.5	56.4	281.3	286.9	0.00	0.00	0.00	
6,000.0	8.13	78.67	5,979.5	59.1	295.2	301.1	0.00	0.00	0.00	
6,100.0	8.13	78.67	6,078.5	61.9	309.1	315.2	0.00	0.00	0.00	
6,200.0	8.13	78.67	6,177.5	64.7	322.9	329.3	0.00	0.00	0.00	
6,300.0	8.13	78.67	6,276.5	67.5	336.8	343.5	0.00	0.00	0.00	
6,400.0	8.13	78.67	6,375.5	70.2	350.6	357.6	0.00	0.00	0.00	
6,485.3	8.13	78.67	6,460.0	72.6	362.5	369.7	0.00	0.00	0.00	
6,500.0	7.91	78.67	6,474.5	73.0	364.5	371.7	1.50	-1.50	0.00	
6,600.0	6.41	78.67	6,573.7	75.5	376.7	384.2	1.50	-1.50	0.00	
6,700.0	4.91	78.67	6,673.2	77.4	386.4	394.0	1.50	-1.50	0.00	
6,800.0	3.41	78.67	6,773.0	78.8	393.5	401.3	1.50	-1.50	0.00	
6,900.0	1.91	78.67	6,872.9	79.7	398.0	405.9	1.50	-1.50	0.00	
7,000.0	0.41	78.67	6,972.8	80.1	400.0	407.9	1.50	-1.50	0.00	
7,027.2	0.00	0.00	7,000.0	80.2	400.1	408.0	1.50	-1.50	0.00	
RU 19D-24 BTV										
7,100.0	0.00	0.00	7,072.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,135.2	0.00	0.00	7,108.0	80.2	400.1	408.0	0.00	0.00	0.00	
Green River										
7,200.0	0.00	0.00	7,172.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,272.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,372.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,472.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,572.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,672.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,715.2	0.00	0.00	7,688.0	80.2	400.1	408.0	0.00	0.00	0.00	
Mahogany										
7,800.0	0.00	0.00	7,772.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,872.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,972.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,072.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,172.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,272.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,372.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,472.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,572.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,672.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,772.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,872.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,940.2	0.00	0.00	8,913.0	80.2	400.1	408.0	0.00	0.00	0.00	
TGR3										
9,000.0	0.00	0.00	8,972.8	80.2	400.1	408.0	0.00	0.00	0.00	
9,100.0	0.00	0.00	9,072.8	80.2	400.1	408.0	0.00	0.00	0.00	
9,120.2	0.00	0.00	9,093.0	80.2	400.1	408.0	0.00	0.00	0.00	
Douglas Creek										
9,200.0	0.00	0.00	9,172.8	80.2	400.1	408.0	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,272.8	80.2	400.1	408.0	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,372.8	80.2	400.1	408.0	0.00	0.00	0.00	

Elk Production Uintah, LLC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site RU 19D-24
Company:	Elk Production Uintah, LLC	TVD Reference:	KB @ 5493.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 5493.0ft (Original Well Elev)
Site:	RU 19D-24	North Reference:	True
Well:	RU 19D-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	RU 19D-24		
Design:	Design #2		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
9,500.0	0.00	0.00	9,472.8	80.2	400.1	408.0	0.00	0.00	0.00	
9,600.0	0.00	0.00	9,572.8	80.2	400.1	408.0	0.00	0.00	0.00	
9,615.2	0.00	0.00	9,588.0	80.2	400.1	408.0	0.00	0.00	0.00	
Black Shale Facies										
9,700.0	0.00	0.00	9,672.8	80.2	400.1	408.0	0.00	0.00	0.00	
9,800.0	0.00	0.00	9,772.8	80.2	400.1	408.0	0.00	0.00	0.00	
9,900.0	0.00	0.00	9,872.8	80.2	400.1	408.0	0.00	0.00	0.00	
9,910.2	0.00	0.00	9,883.0	80.2	400.1	408.0	0.00	0.00	0.00	
Castle Peak										
10,000.0	0.00	0.00	9,972.8	80.2	400.1	408.0	0.00	0.00	0.00	
10,100.0	0.00	0.00	10,072.8	80.2	400.1	408.0	0.00	0.00	0.00	
10,200.0	0.00	0.00	10,172.8	80.2	400.1	408.0	0.00	0.00	0.00	
10,300.0	0.00	0.00	10,272.8	80.2	400.1	408.0	0.00	0.00	0.00	
10,400.0	0.00	0.00	10,372.8	80.2	400.1	408.0	0.00	0.00	0.00	
10,500.0	0.00	0.00	10,472.8	80.2	400.1	408.0	0.00	0.00	0.00	
10,600.0	0.00	0.00	10,572.8	80.2	400.1	408.0	0.00	0.00	0.00	
10,700.0	0.00	0.00	10,672.8	80.2	400.1	408.0	0.00	0.00	0.00	
10,730.2	0.00	0.00	10,703.0	80.2	400.1	408.0	0.00	0.00	0.00	
Wasatch										
10,800.0	0.00	0.00	10,772.8	80.2	400.1	408.0	0.00	0.00	0.00	
10,900.0	0.00	0.00	10,872.8	80.2	400.1	408.0	0.00	0.00	0.00	
11,000.0	0.00	0.00	10,972.8	80.2	400.1	408.0	0.00	0.00	0.00	
11,100.0	0.00	0.00	11,072.8	80.2	400.1	408.0	0.00	0.00	0.00	
11,200.0	0.00	0.00	11,172.8	80.2	400.1	408.0	0.00	0.00	0.00	
11,300.0	0.00	0.00	11,272.8	80.2	400.1	408.0	0.00	0.00	0.00	
11,400.0	0.00	0.00	11,372.8	80.2	400.1	408.0	0.00	0.00	0.00	
11,500.0	0.00	0.00	11,472.8	80.2	400.1	408.0	0.00	0.00	0.00	
11,600.0	0.00	0.00	11,572.8	80.2	400.1	408.0	0.00	0.00	0.00	
11,700.0	0.00	0.00	11,672.8	80.2	400.1	408.0	0.00	0.00	0.00	
11,800.0	0.00	0.00	11,772.8	80.2	400.1	408.0	0.00	0.00	0.00	
11,900.0	0.00	0.00	11,872.8	80.2	400.1	408.0	0.00	0.00	0.00	
12,000.0	0.00	0.00	11,972.8	80.2	400.1	408.0	0.00	0.00	0.00	
12,100.0	0.00	0.00	12,072.8	80.2	400.1	408.0	0.00	0.00	0.00	
12,200.0	0.00	0.00	12,172.8	80.2	400.1	408.0	0.00	0.00	0.00	
12,300.0	0.00	0.00	12,272.8	80.2	400.1	408.0	0.00	0.00	0.00	
12,400.0	0.00	0.00	12,372.8	80.2	400.1	408.0	0.00	0.00	0.00	
12,500.0	0.00	0.00	12,472.8	80.2	400.1	408.0	0.00	0.00	0.00	
12,600.0	0.00	0.00	12,572.8	80.2	400.1	408.0	0.00	0.00	0.00	
12,700.0	0.00	0.00	12,672.8	80.2	400.1	408.0	0.00	0.00	0.00	
12,800.0	0.00	0.00	12,772.8	80.2	400.1	408.0	0.00	0.00	0.00	
12,900.0	0.00	0.00	12,872.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,000.0	0.00	0.00	12,972.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,100.0	0.00	0.00	13,072.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,200.0	0.00	0.00	13,172.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,300.0	0.00	0.00	13,272.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,400.0	0.00	0.00	13,372.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,500.0	0.00	0.00	13,472.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,600.0	0.00	0.00	13,572.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,700.0	0.00	0.00	13,672.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,800.0	0.00	0.00	13,772.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,900.0	0.00	0.00	13,872.8	80.2	400.1	408.0	0.00	0.00	0.00	
14,000.0	0.00	0.00	13,972.8	80.2	400.1	408.0	0.00	0.00	0.00	
14,100.0	0.00	0.00	14,072.8	80.2	400.1	408.0	0.00	0.00	0.00	

Elk Production Uintah, LLC

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site RU 19D-24
Company:	Elk Production Uintah, LLC	TVD Reference:	KB @ 5493.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 5493.0ft (Original Well Elev)
Site:	RU 19D-24	North Reference:	True
Well:	RU 19D-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	RU 19D-24		
Design:	Design #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
14,200.0	0.00	0.00	14,172.8	80.2	400.1	408.0	0.00	0.00	0.00
14,230.2	0.00	0.00	14,203.0	80.2	400.1	408.0	0.00	0.00	0.00
RU 19D-24 PBHL #2									

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
7,135.2	7,108.0	Green River		0.00	0.00
7,715.2	7,688.0	Mahogany		0.00	0.00
8,940.2	8,913.0	TGR3		0.00	0.00
9,120.2	9,093.0	Douglas Creek		0.00	0.00
9,615.2	9,588.0	Black Shale Facies		0.00	0.00
9,910.2	9,883.0	Castle Peak		0.00	0.00
10,730.2	10,703.0	Wasatch		0.00	0.00

CONFIDENTIAL

SURFACE USE AGREEMENT (RU 19D-24)

THIS AGREEMENT Dated June 22, 2012 by and between _____
Blue Diamond Oil Corporation _____, whose address is
P.O. Box 150432, East Ely, NV 89315 (775-289-3849 Phone) _____, hereinafter referred to as "Surface Owner", and
Elk Production Uintah, LLC _____, whose address is _____ 1099 18th Street, #2300, Denver, CO 80202
hereinafter referred to as "Operator".

WITNESSETH:

WHEREAS, Surface Owner represents that they are the owners in fee and in possession of the surface estate for the following described lands in _____ **Uintah** _____ County, _____ **Utah** _____, hereinafter referred to as "Lands", to wit:

A Tract of land lying in the **SE/4NE/4 of Section 19, Township 1 South, Range 1 East, USM, containing 3.667 acres, more or less** as further described on Exhibit "A" attached hereto and made a part hereof.

WHEREAS, Operator has or will acquire certain leasehold interests in the oil and gas mineral estate in the Lands and proposes to conduct drilling and subsequent production operations on the Lands; and

WHEREAS, Surface Owner is generally aware of the nature of the operations which may be conducted under oil and gas leases covering the mineral estate of the Lands; and

WHEREAS, the parties believe that it is in their mutual best interest to agree to the amount of damages to be assessed incident to the operations of Operator on the premises in the exploration for, development and production of oil, gas and/or other leasehold substances under the terms of those certain oil and gas leases now owned or which may be acquired by Operator covering portions of the mineral estate of the Lands; and,

WHEREAS, the parties believe that a reasonable estimate can be made of the damages which will result from the exploration, development and production operations contemplated by such oil and gas leases.

NOW, THEREFORE, in consideration of ten dollars and other valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Operator has the right of ingress and egress and to the use of those portions of the Lands which it requires for oil and gas exploration, development and production operations, including tank batteries and other production facilities and the transportation of produced substances from the leasehold, and also the right to construct and use roads and pipelines across portions of the Lands. Operator shall pay Surface Owner as liquidated damages the following sum as full settlement and satisfaction of all damages growing out of, incident to, or in connection with the usual and customary exploration, drilling, completion, sidetracking, reworking, equipping and production operations, contemplated by the oil and gas leases covering the Lands, unless otherwise specifically provided herein:

2. Operator agrees to consult with the surface owner and/or tenant as to all routes of ingress and egress. Prior to the construction of any roads, pipelines, tank battery installations, or installation of any other equipment on the leased premises, Operator shall consult with the surface owner and/or tenant as to the location and direction of same.

3. It is the intention of the parties hereto to cause as little interference with farming operations on the leased premises as reasonably possible, including but specifically not limited to the operation of any pivotal irrigation sprinkler system, or any other irrigation method. If any circular irrigation sprinkler system is in use at the time of initial drilling operations on the leased premises, then any subsequent production equipment, including but specifically not limited to pump jacks, hydraulic lifting equipment, or any other equipment necessary to produce any oil or gas from such well, shall be recessed to such depths, or ramps constructed, so as to allow the continued use of such circular irrigation system.

4. In the event any well hereunder is plugged and abandoned, Operator agrees that Operator will, within a reasonable time, restore Surface Owner's surface estate as near as practical to its original condition found prior to Operator's operations. It

is understood and agreed that Surface Owner may elect in writing, prior to cessation of operations of Operator, to have any road constructed under the terms of this Agreement remain upon the property, in which event Operator agrees to leave such road or roads in reasonable condition.

5. Operator is responsible for acquiring all necessary permits, licenses, fees, etc. incident to its operations on the Lands.

6. In the event Surface Owner considers that Operator has not complied with all its obligations hereunder, both express and implied, Surface Owner shall notify Operator in writing, setting out specifically in what respects Operator has breached this contract. Operator shall then have sixty (60) days to meet or commence to meet all or any part of the breaches alleged by Surface Owner. The service of said notice shall be precedent to the bringing of any action by Surface Owner for any cause, and no such action shall be brought until the lapse of sixty (60) days after service of such notice on Operator. In the event of litigation, the prevailing party's reasonable attorney's fees will be paid by the opposing party.

7. Operator shall be responsible and shall remain liable for any environmental problems on the subject lands which are caused by or through its operations. To the extent that any such claims are asserted, Operator will be responsible for any remediation required as provided by state regulations. This assumption of liability, however, does not include any third-party operations on the subject lands or any Surface Owner actions which could cause environmental problems but is limited solely to the actions of Operator. Operator hereby indemnifies and holds harmless Surface Owner from any and all environmental problems it causes on the Lands.

8. In the event Surface Owner owns less than the entire fee interest in the Lands, then any payment stated herein shall be proportionately reduced to the interest owned.

9. This Agreement shall remain in full force and effect from the date hereof and for so long thereafter as Operator's oil and gas operations affecting the Lands are in effect.

10. When the word "Operator" is used in this Agreement, it shall also mean the successors and assigns of Operator, including but not limited to its employees and officers, agents, affiliates, contractors, subcontractors and/or purchasers.

11. This Agreement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the parties.

ADDITIONAL PROVISIONS:

SURFACE OWNER:

[Signature]
By: Gary Sprouse, President of Blue Diamond Oil Corporation, a Nevada Corporation

CONFIDENTIAL

SS/Tax ID# 87-0418320

STATE of Utah
COUNTY of Uintah

ACKNOWLEDGEMENT-INDIVIDUAL

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 22nd day of June, 2012, personally appeared Gary Sprouse, President of Blue Diamond Oil Corporation, a Nevada Corporation

_____ , to me known to be the identical person _____, described in and who executed the within and foregoing instrument of writing and acknowledged to me that _____ he _____ duly executed same as his free and voluntary act and deed for the uses and purposes therein set forth and in the capacity stated therein.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires: 11.25.2014

[Signature]
Notary Public:



MEMORANDUM OF SURFACE USE AGREEMENT

STATE OF UTAH)
) (KNOW ALL MEN BY THESE PRESENTS, THAT:
COUNTY OF UINTAH) (

Blue Diamond Oil Corporation, a Nevada Corporation of P.O. Box 150432, East Ely, NV 89315, hereafter referred to as "Surface Owner" has granted, a Surface Use Agreement, to **Elk Production Uintah, LLC of 1099 18th Street, #2300, Denver, CO 80202**, hereafter referred to as "Elk", dated **June 22, 2012**, for the purpose of drilling, and producing oil, gas, and other minerals, laying pipelines, building roads, tanks, power stations, telephone lines and other structures, and producing, saving, take care of, treating, transporting, and owning oil, gas, and other minerals, all on or from **RU 19D-24** on the following lands (the "Lands") in Uintah County Utah: **A tract of land lying in the SE/4NE/4 of Section 19, Township 1 South, Range 1 East, USM, Uintah County.**

The Surface Use Agreement is effective as long thereafter as oil, gas, or other minerals are produced from the Lands, or other lands pooled with the Lands, according to and by the terms and provisions of the Lease(s) covering said Lands. This Memorandum is placed of record for the purpose of giving notice of the Surface Use Agreement.

This instrument may be executed in multiple counterparts with each counterpart being considered an original for all purposes herein and binding upon the party executing same whether or not this instrument is executed by all parties hereto, and the signature and acknowledgment pages of the various counterparts hereto may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.

Executed this 22nd day of June, 2012.

SURFACE OWNER:

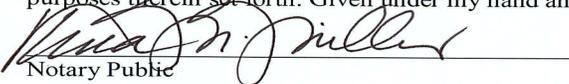
Blue Diamond Oil Corporation, a Nevada Corporation


Gary Sprouse, President

ACKNOWLEDGEMENT

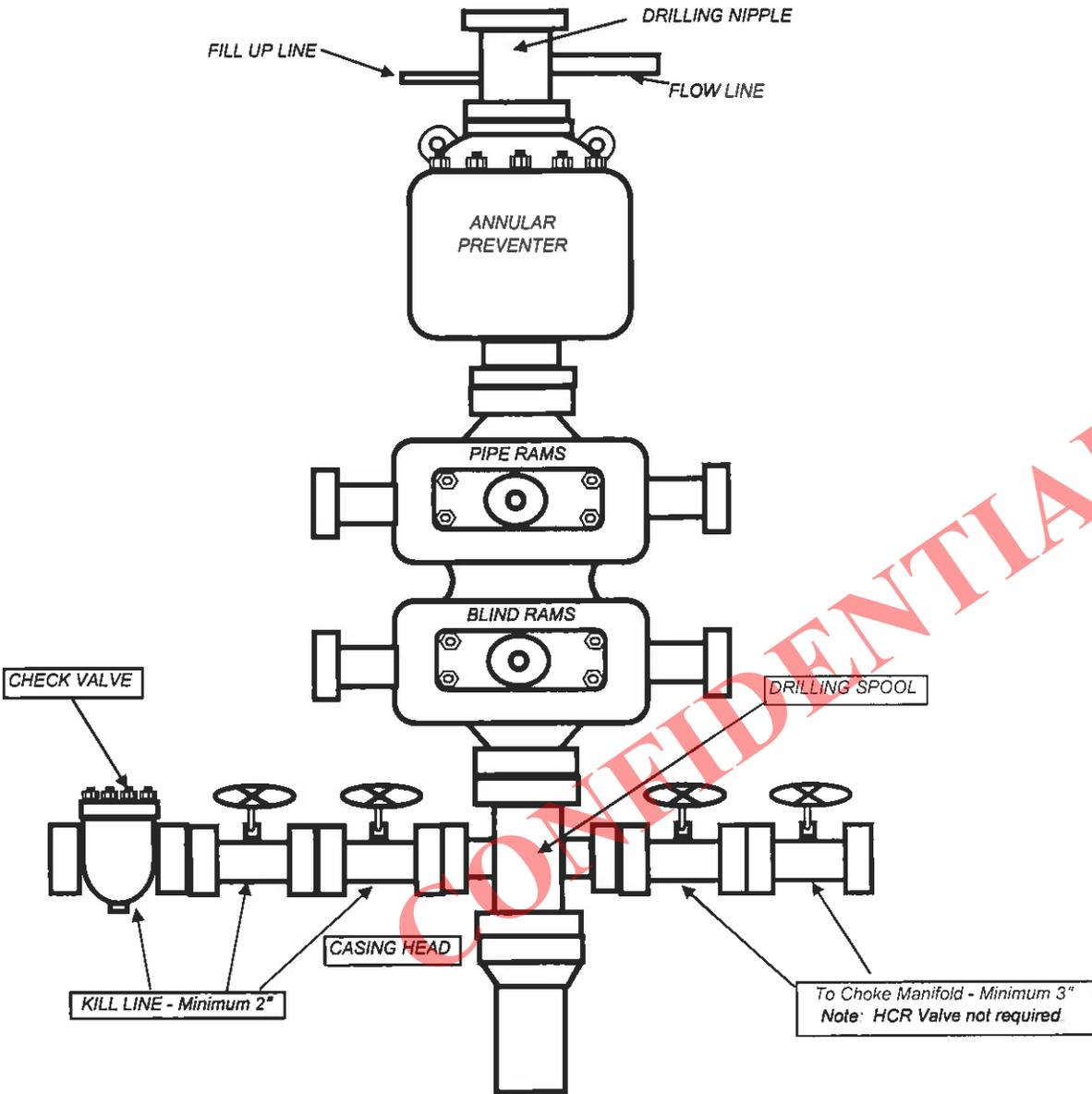
STATE OF Utah }
COUNTY OF Uintah } :SS

BEFORE me, the undersigned, a Notary Public in and fore said County and State, on this 22nd day of June, 2012, personally appeared **Gary Sprouse, President of Blue Diamond Oil Corporation, a Nevada Corporation**, known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as their free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.


Notary Public



TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER



Elk Production Uintah, LLC

AFFIDAVIT OF NOTICE

My name is Thomas J. Abell. I am a Landman with Elk Production Uintah, LLC (a wholly owned subsidiary of Bill Barrett Corporation). Elk has submitted application to commingle production from the Wasatch and Green River formations in the following well within the Roosevelt Unit:

RU 19D-24 Well SENE 19 T1S-R1E

Elk Production Uintah, LLC is the owner of all contiguous oil and gas Leases or drilling units overlying the pool. Therefore, no notices were sent to other parties.

Date: July 23, 2012

Affiant

ELK PRODUCTION UINTAH, LLC

Bradley Riny for
Thomas J. Abell
Landman

Elk Production Uintah, LLC

January 17, 2013

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

RE: Commingling Application
Roosevelt Unit
RU 19D-24
SE NE Section 19, T1S-R1E
Uintah County, UT

Dear Mr. Doucet,

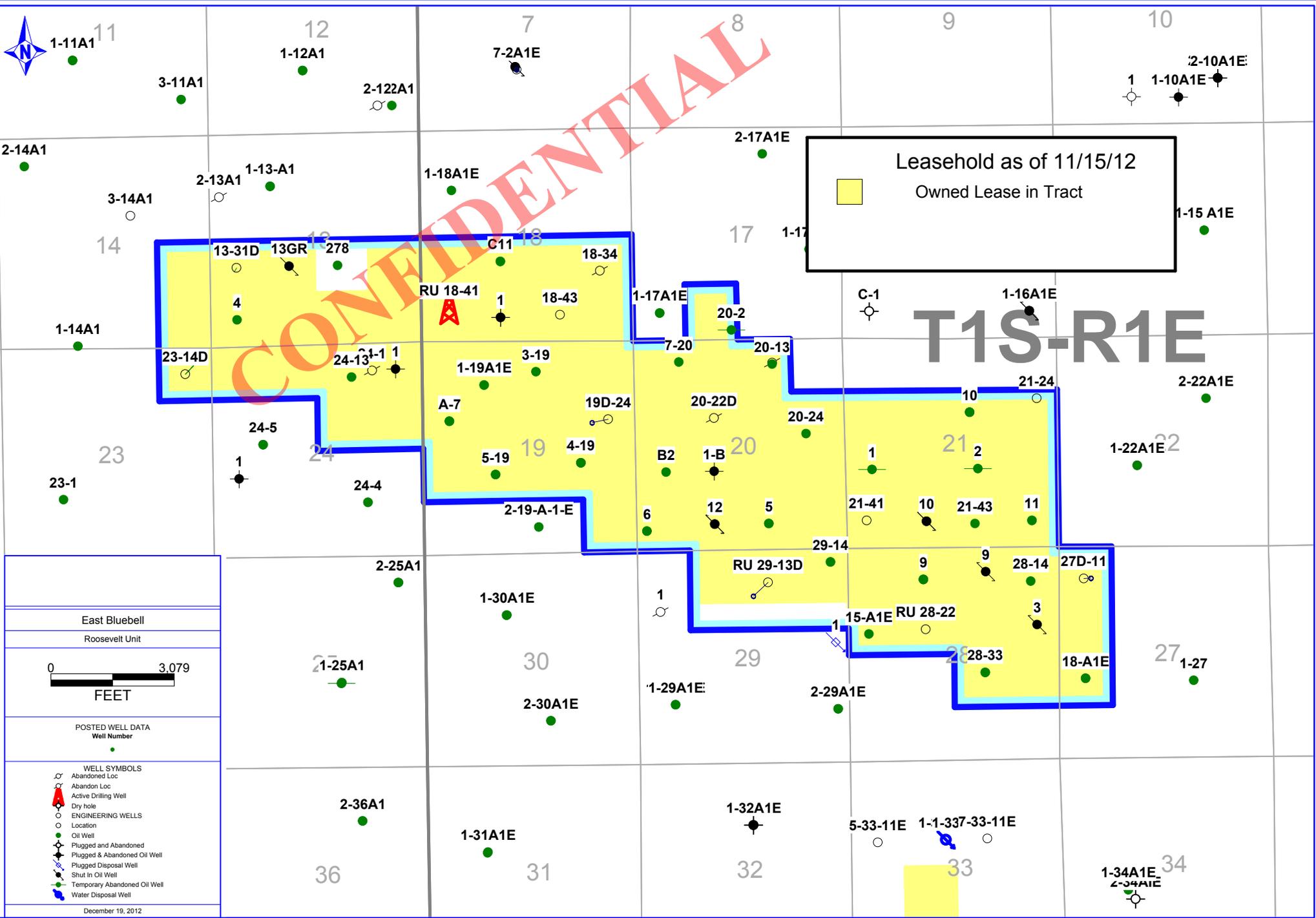
Elk Production Uintah, LLC (a wholly owned subsidiary of Bill Barrett Corporation) has submitted an application to commingle production from the Wasatch and Green River formations in the subject well located in the Roosevelt Unit. Elk Production Uintah, LLC is the owner of all contiguous oil and gas Leases or drilling units overlying the pool. Therefore, no notices were sent to other parties.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

ELK PRODUCTION UINTAH, LLC


Thomas J. Abell
Landman

Enclosures



Leasehold as of 11/15/12
 Owned Lease in Tract

T1S-R1E

East Bluebell
 Roosevelt Unit

0 3,079
 FEET

POSTED WELL DATA
 Well Number

WELL SYMBOLS
 Abandoned Loc
 Abandon Loc
 Active Drilling Well
 Dry hole
 ENGINEERING WELLS
 Location
 Oil Well
 Plugged and Abandoned
 Plugged & Abandoned Oil Well
 Plugged Disposal Well
 Shut In Oil Well
 Temporary Abandoned Oil Well
 Water Disposal Well

December 19, 2012



UTE INDIAN TRIBE

Energy and Minerals Department

P.O. Box 70
988 South 7500 East
Fort Duchesne, Utah 84026

Phone: 435-725-4040
Fax: 435-722-9270
Email: energy_minerals@utetribes.com

March 21, 2007

Ms. Dinah Peltier, Acting Superintendent
Bureau of Indian Affairs
PO Box 130
Fort Duchesne, UT 84026

Bureau of Land Management
Attn: Mr. Jerry Kenczka
170 South 500 East
Vernal, UT 84078

Subject: Commingling Production from the Wasatch and Green River Formations
Roosevelt Unit
Uintah County, Utah

Dear Ms. Peltier and Mr. Kenczka,

Please be advised that the Ute Indian Tribe ("Tribe") has reviewed the proposal of Elk Production, LLC ("Elk") to downhole commingle the oil and gas produced from the Wasatch and Green River formations in select wellbores located in the Roosevelt Unit.

This is notice that the Tribe consents to the commingling as proposed by Elk. The attachment hereto titled "Roosevelt Unit - Commingling Allocation Methods Wasatch and Green River" sets forth the method of allocating the commingled production by zone. It is understood that all payments to the Tribe will be made in accordance with Mineral Management Service regulations.

If you should have any questions regarding this please call Lynn Becker at 435-722-4972 or Sam Kuntz at 435-725-4962.

Sincerely yours,

Maxine Natchees
Chairman, Ute Indian Tribe

Roosevelt Unit – Commingling Allocation Methods Wasatch and Green River

It is assumed that the Wasatch and the Green River will be completed separately in all well bores. The Wasatch, being the lower most pay, will be completed first and will be produced to some point where it makes economic sense to add the Green River production to the Wasatch. This will usually be a time period of up to one year, depending on the production rate obtained from the Wasatch. In any event, the well will undoubtedly be producing at a constant straight line decline at that time. The Green River will be completed after isolating the Wasatch from the upperhole Green River and under normal circumstances the Green River would be produced until the production has leveled out at a constant straight line decline. Commingling of the Wasatch and Green River will occur at a point in time where the “flush” production will have been obtained and well work can occur with minimal expense and well control issues.

Allocation of production by zone will be based as follows:

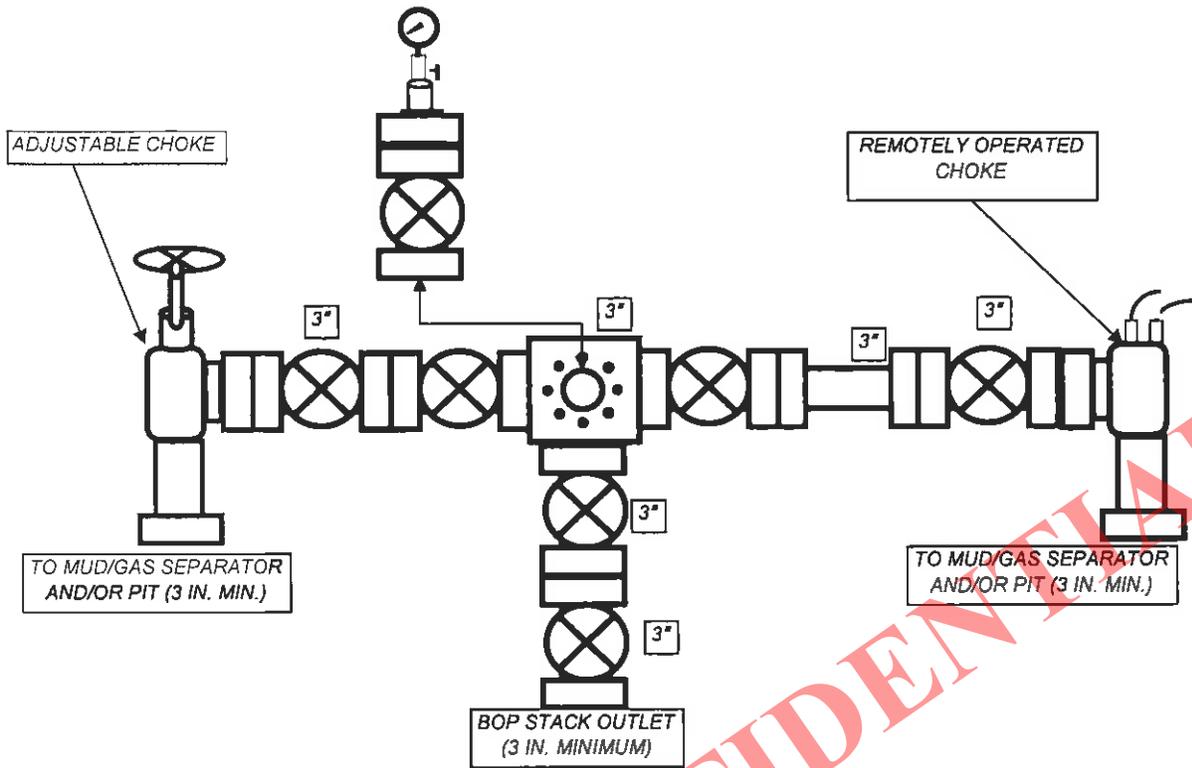
1. For wells drilled prior to 2005 that have a long history of Wasatch production, the allocation will be based on a formula where the Denominator will be the sum of the Wasatch producing rate at the time of commingling and the Green river producing rate at the time of commingling where the Green River production is on the straight line decline portion of the production curve. The Numerator will be the Wasatch producing rate mentioned above for the allocated Wasatch production and the Green River producing rate mentioned above.

$$\text{Wasatch} = \frac{\text{BOPD}_{\text{Wasatch}}}{\text{BOPD}_{\text{Wasatch}} + \text{BOPD}_{\text{Green River}}} * \text{Total well BOPD}$$

$$\text{Green River} = \frac{\text{BOPD}_{\text{Green River}}}{\text{BOPD}_{\text{Wasatch}} + \text{BOPD}_{\text{Green River}}} * \text{Total well BOPD}$$

2. For wells drilled after 2005, the BOPD rates will be taken at the point where the straight line decline occurs after a normalized time span (ie: three months after initial production from the individual interval, or four or five months, what ever gives practical results).
3. The ratios derived above will be used as the allocation between the Wasatch and the Green River as long as the wells are not “uncommingled” for whatever reason. If necessary, a new allocation may be required if work is performed one interval and not the other.

TYPICAL 5,000 p.s.i. CHOKE MANIFOLD



Elk Production Uintah, LLC

June 25, 2012

Ms. Diana Mason – Petroleum Technician
State of Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Directional Drilling and Exception Location- RU 19D-24
East Bluebell Area.

Surface: 2060' FNL, 1060' FEL,SENE, 19-T1S-R1E USM
Bottom Hole: 1980' FNL, 660' FEL,SENE, 19-T1S-R1E USM

Uintah County, Utah

Dear Ms. Mason,

Pursuant to the filing of Elk Production Uintah, LLC Application for Permit to Drill the above referenced well, we hereby submit this letter in accordance with Oil & Gas Conservation Rules R649-2, R649-3, R649-10 and R649-11, pertaining to the Location and Sitting of Wells.

- The proposed location is within our Roosevelt Unit.
- Elk is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, Elk will be able to utilize the existing road and pipelines in the area.
- The well will be drilled under a fee lease belonging to Lawrence L. Pack.
- Elk certifies that it is the working interest owner of all lands within 460 feet of the proposed well location own 100% of the working interest in these lands.

Based on the information provided, Elk requests that the permit be granted pursuant to R649-3-11.

ELK PRODUCTION UINTAH, LLC


Thomas J. Abell
Landman

RECEIVED: July 23, 2012

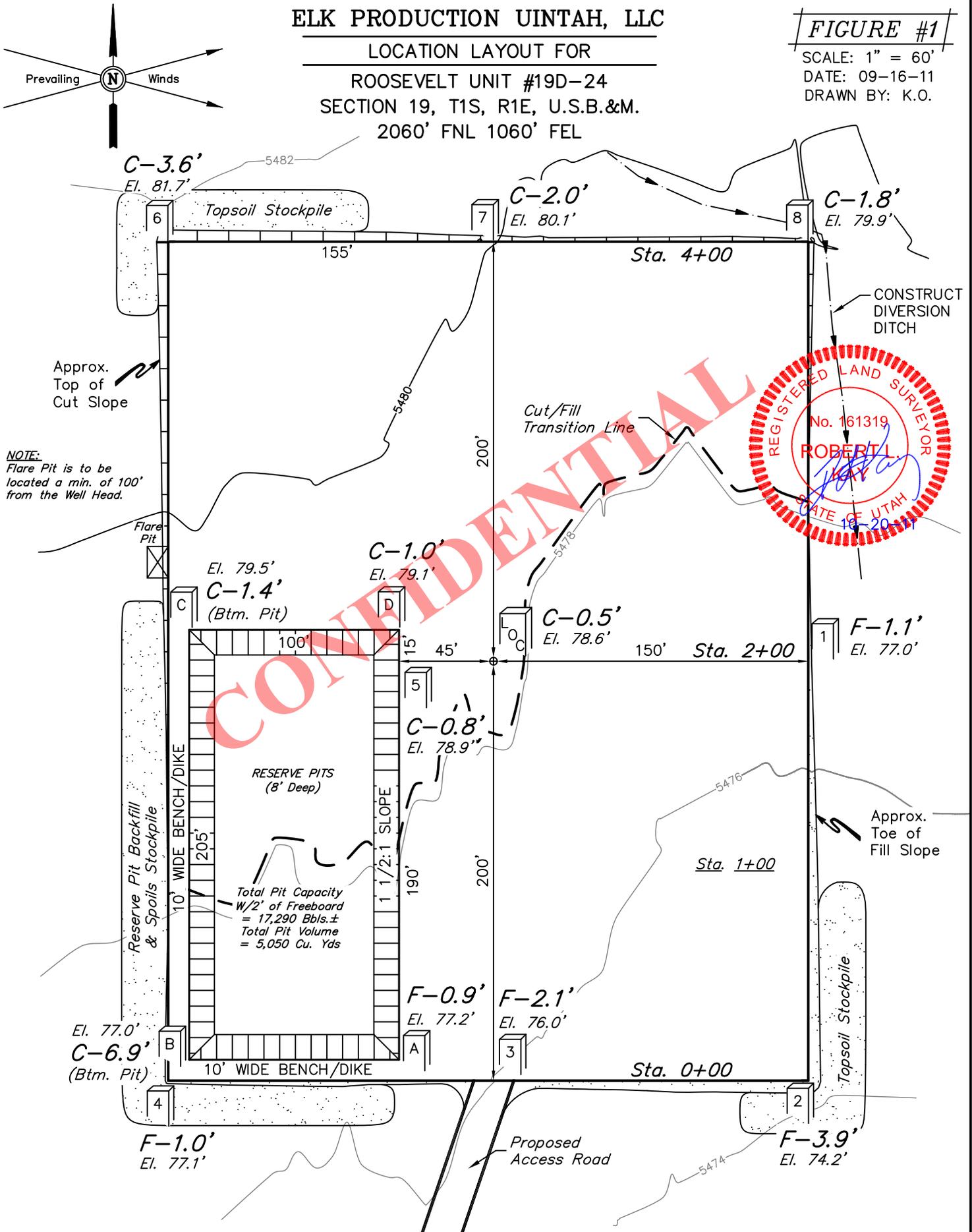
ELK PRODUCTION UINTAH, LLC

LOCATION LAYOUT FOR

Roosevelt Unit #19D-24
SECTION 19, T1S, R1E, U.S.B.&M.
2060' FNL 1060' FEL

FIGURE #1

SCALE: 1" = 60'
DATE: 09-16-11
DRAWN BY: K.O.



NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

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Elev. Ungraded Ground At Loc. Stake = 5478.6'
FINISHED GRADE ELEV. AT LOC. STAKE = 5478.1'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: July 23, 2012

ELK PRODUCTION UINTAH, LLC

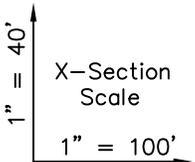
TYPICAL CROSS SECTIONS FOR

ROOSEVELT UNIT #19D-24

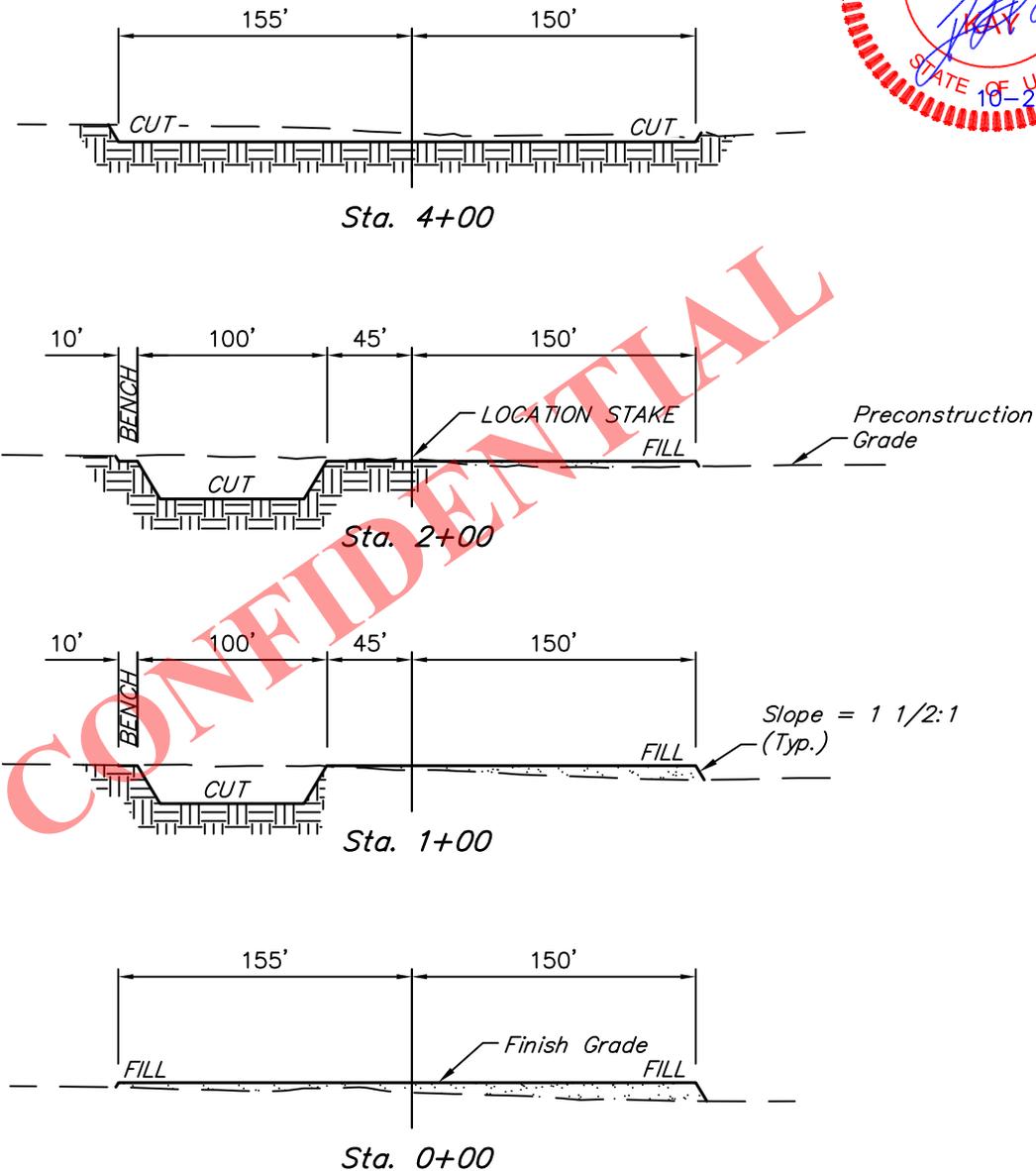
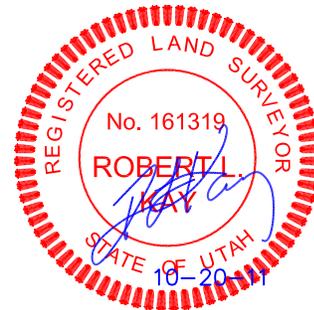
SECTION 19, T1S, R1E, U.S.B.&M.

2060' FNL 1060' FEL

FIGURE #2



DATE: 09-16-11
DRAWN BY: K.O.



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NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.667 ACRES
ACCESS ROAD DISTURBANCE = ± 0.298 ACRES
PIPELINE DISTURBANCE = ± 0.740 ACRES
TOTAL = ± 4.705 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,370 Cu. Yds.
Remaining Location = 6,640 Cu. Yds.
TOTAL CUT = 9,010 CU.YDS.
FILL = 4,110 CU.YDS.

EXCESS MATERIAL = 4,900 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 4,900 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

ELK PRODUCTION UINTAH, LLC

TYPICAL RIG LAYOUT FOR

ROOSEVELT UNIT #19D-24

SECTION 19, T1S, R1E, U.S.B.&M.

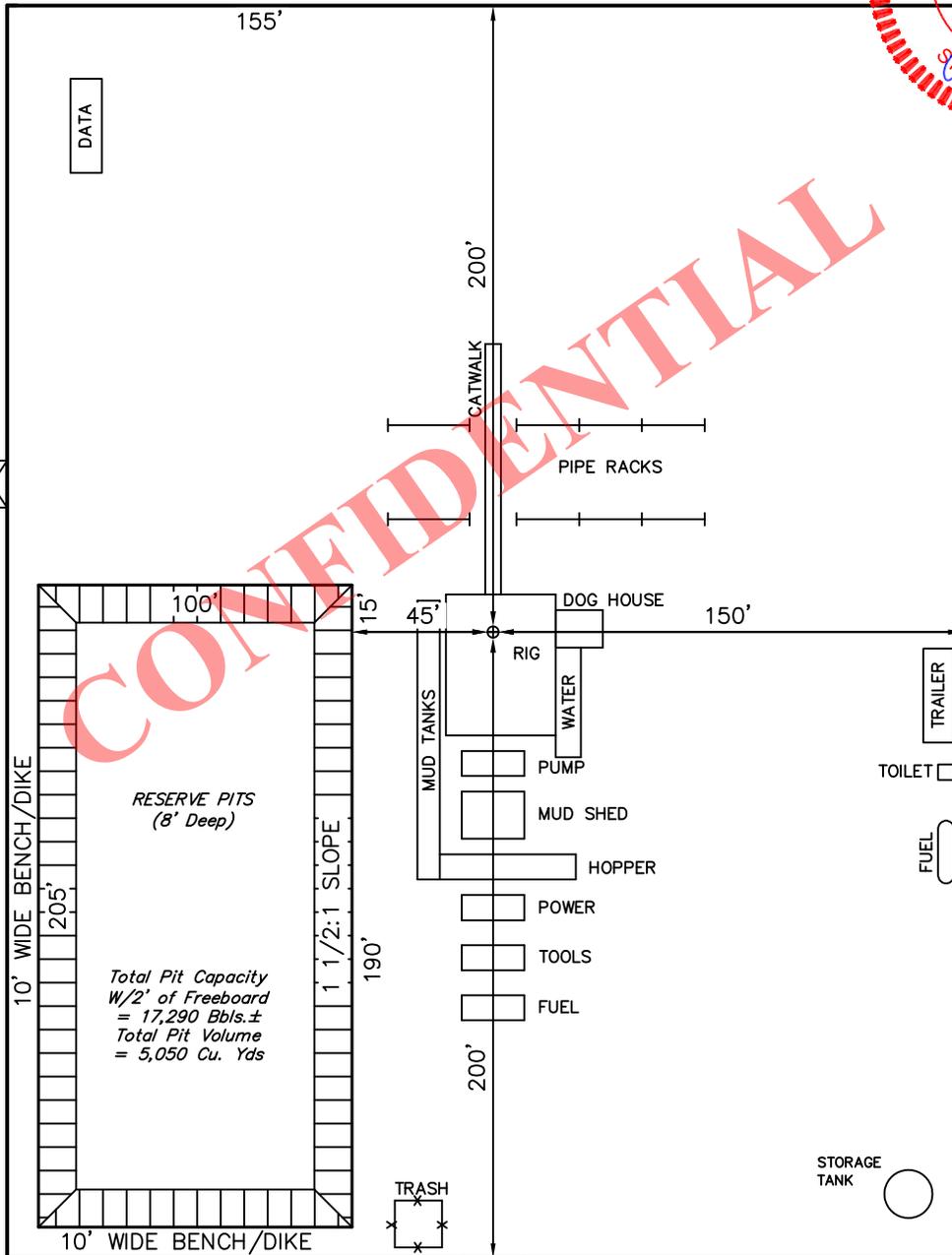
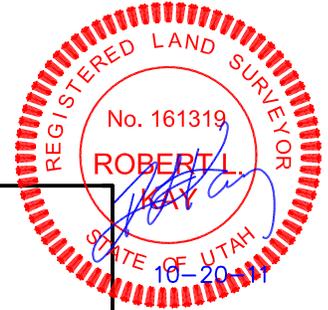
2060' FNL 1060' FEL

FIGURE #3

SCALE: 1" = 60'

DATE: 09-16-11

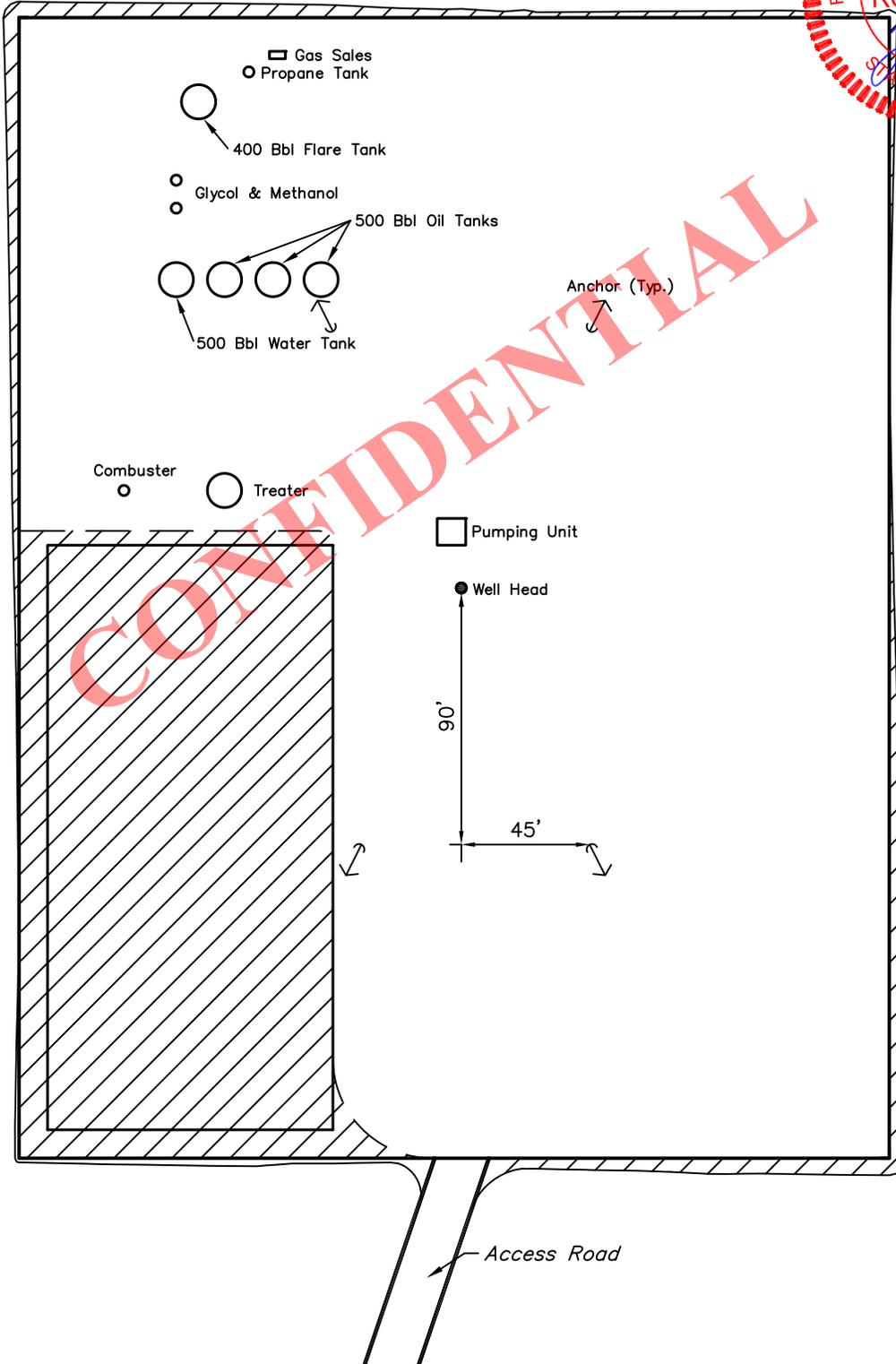
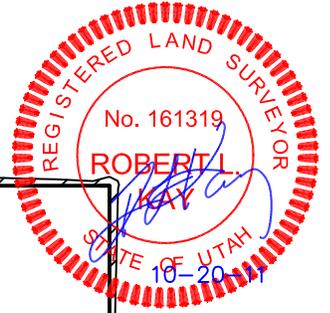
DRAWN BY: K.O.



ELK PRODUCTION UINTAH, LLC
INTERIM RECLAMATION PLAN FOR
ROOSEVELT UNIT #19D-24
SECTION 19, T1S, R1E, U.S.B.&M.
2060' FNL 1060' FEL

FIGURE #4

SCALE: 1" = 60'
DATE: 10-21-11
DRAWN BY: K.O.

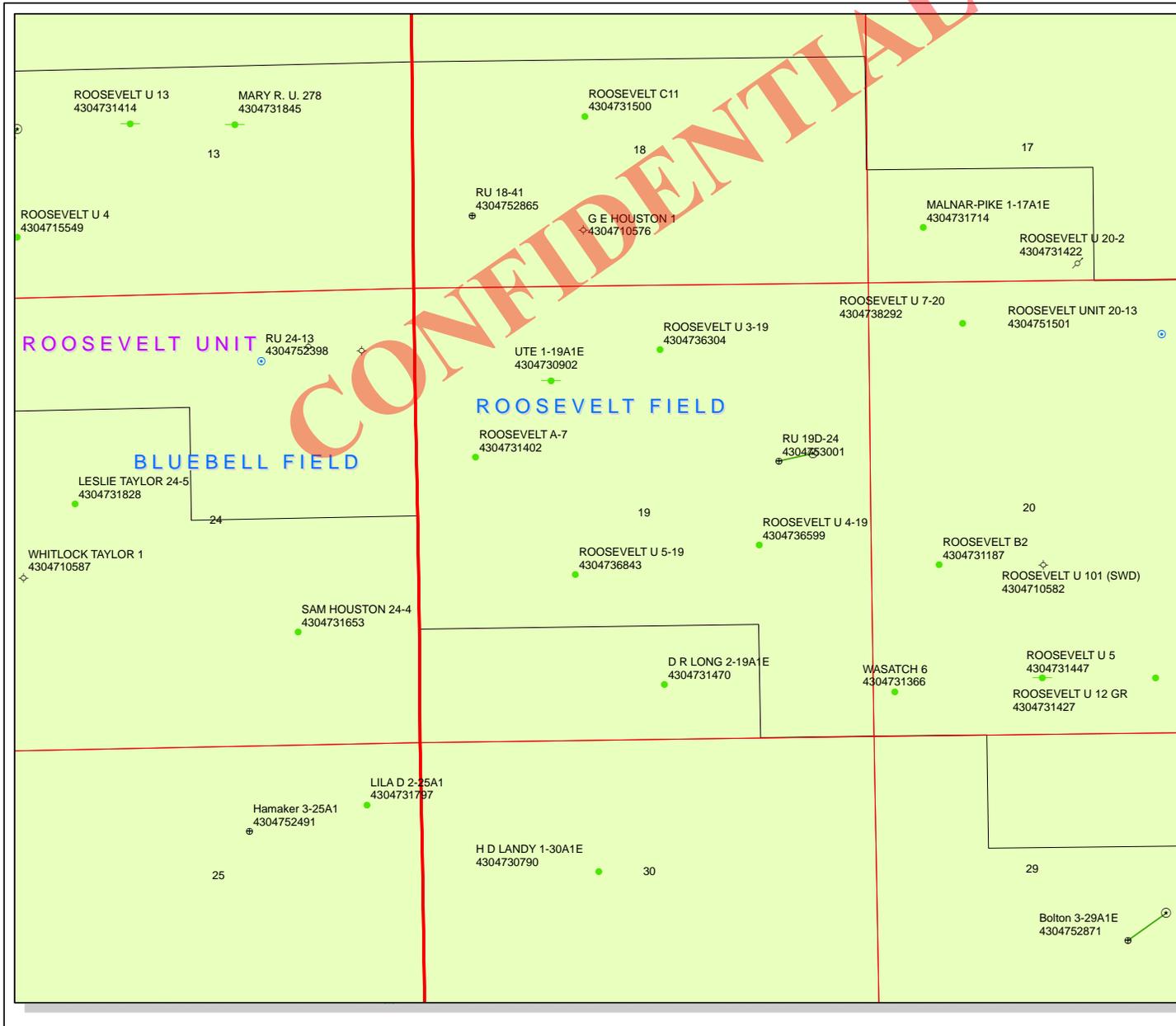


 INTERIM RECLAMATION

APPROXIMATE ACREAGES
UN-RECLAIMED = ± 2.233 ACRES

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

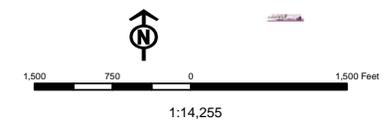
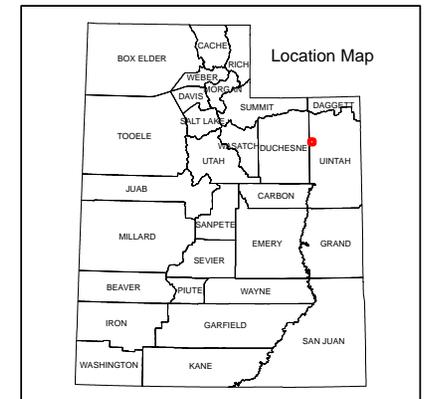
RECEIVED: July 23, 2012



API Number: 4304753001
Well Name: RU 19D-24
Township T01.0S Range R01.0E Section 19
Meridian: UBM
 Operator: ELK PRODUCTION UINTAH, LLC

Map Prepared:
 Map Produced by Diana Mason

Units	Wells Query Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LOC - New Location
P1 OIL	OPS - Operation Suspended
PP GAS	PA - Plugged Abandoned
PP GEOTHERM.	PGW - Producing Gas Well
PP OIL	POW - Producing Oil Well
SECONDARY	SGW - Shut-in Gas Well
TERMINATED	SOW - Shut-in Oil Well
Fields	TA - Temp. Abandoned
Unknown	TW - Test Well
ABANDONED	WDW - Water Disposal
ACTIVE	WW - Water Injection Well
COMBINED	WSW - Water Supply Well
INACTIVE	Bottom Hole Location - Oil/Gas/Db
STORAGE	
TERMINATED	



Well Name	ELK PRODUCTION UINTAH, LLC RU 19D-24 43047530010000			
String	COND	SURF	Prod	
Casing Size(")	16.000	9.625	5.500	
Setting Depth (TVD)	80	2500	11260	
Previous Shoe Setting Depth (TVD)	0	80	2500	
Max Mud Weight (ppg)	8.8	8.8	9.7	
BOPE Proposed (psi)	0	0	5000	
Casing Internal Yield (psi)	1000	3520	12630	
Operators Max Anticipated Pressure (psi)	5679		9.7	

Calculations	COND String	16.000	"
Max BHP (psi)	.052*Setting Depth*MW=	37	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	27	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	19	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	19	NO
Required Casing/BOPE Test Pressure=		0	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

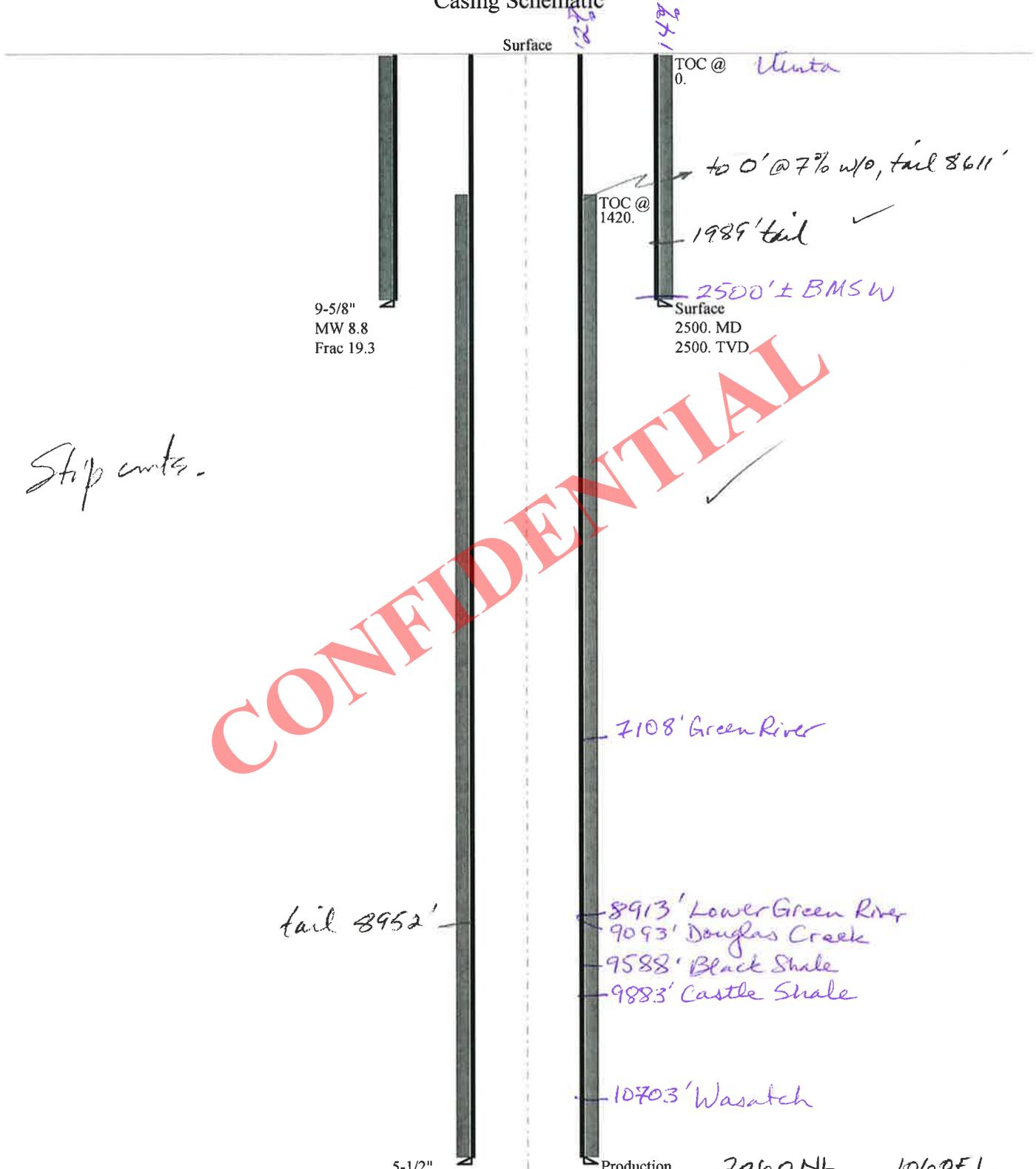
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	1144	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	844	NO fresh water spud mud
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	594	NO OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	612	NO OK
Required Casing/BOPE Test Pressure=		2464	psi
*Max Pressure Allowed @ Previous Casing Shoe=		80	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	5680	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	4329	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	3203	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3753	NO OK
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2500	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

43047530010000 RU 19D-24

Casing Schematic



Stop cuts.

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2060 NL 1060 EL
 80 400
 1980 FNL ✓ 660 FE L ✓
 SENE Sec 19-1S-1E J.V.

Well name:	43047530010000 RU 19D-24	
Operator:	ELK PRODUCTION UINTAH, LLC	
String type:	Surface	Project ID: 43-047-53001
Location:	UINTAH COUNTY	

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 109 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 2,200 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,500 psi

No backup mud specified.

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: 2,174 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 11,260 ft
Next mud weight: 9.700 ppg
Next setting BHP: 5,674 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,500 ft
Injection pressure: 2,500 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	2500	9.625	36.00	J-55	ST&C	2500	2500	8.796	21730
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	1143	2020	1.767	2500	3520	1.41	78.3	394	5.03 J

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

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

Date: October 25, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2500 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43047530010000 RU 19D-24	
Operator:	ELK PRODUCTION UINTAH, LLC	Project ID:
String type:	Production	43-047-53001
Location:	UINTAH COUNTY	

Design parameters:

Collapse

Mud weight: 9.700 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 232 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft
 Cement top: 1,420 ft

Burst

Max anticipated surface pressure: 3,197 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 5,674 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 air weight.
 Neutral point: 9,634 ft

Directional well information:

Kick-off point 3600 ft
 Departure at shoe: 408 ft
 Maximum dogleg: 1.5 °/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	11287	5.5	20.00	P-110	LT&C	11260	11287	4.653	87456
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	5674	11100	1.956	5674	12630	2.23	225.2	548	2.43 J

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

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

Date: October 4, 2012
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 11260 ft, a mud weight of 9.7 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

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

May 30, 2013

Memorandum

To: Assistant Field office Manager Minerals,
Vernal Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2013 Plan of Development Roosevelt Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2013 within the Roosevelt Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER-WASATCH)		
43-047-53001	RU 19D-24	Sec 19 T01S R01E 2060 FNL 1060 FEL BHL Sec 19 T01S R01E 1980 FNL 0660 FEL

This office has no objection to permitting the well at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov,
c=US
Date: 2013.05.30 14:22:55 -06'00'

bcc: File - Roosevelt Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:5-30-13

RECEIVED: May 30, 2013



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

440 West 200 South, Suite 500

Salt Lake City, UT 84101

<http://www.blm.gov/ut/st/en.html>



JT
5/28
Lynch
5/28/11

MLC
5/28/2013
8/5/29/13

IN REPLY REFER TO:
3180 (UTU63012X)
UT922000

MAY 29 2013

Mr. Tim Woodroof
Elk Production Uintah, LLC
c/o UnitSource Incorporated
11184 Huron Street, Suite 16
Denver, Colorado 80234

Re: Subsequent Joinder
Tract No. 300
Roosevelt Unit
Uintah and Duchesne Counties, Utah

Dear Mr. Woodroof:

Your letter received on April 29, 2013, transmitted ratifications and joinders to the Roosevelt Unit Agreement, located in Uintah and Duchesne Counties, Utah, for the following parties executing joinders as Basic Royalty Owners in Tract No. 300, Patented Lands:

EP Energy E&P Company, L.P.
Lois Christensen Murray
Paul L. McCullis
Donald Cobb
David and Jean Seegmiller

Jess C. Cheney
DCP Investments
Black Magic #2, LLC
Daniel S. Sam and Penny B. Sam
George G. Vaught, Jr.

The documents were also executed by Bill Barrett Corporation as Record Title Owner and Working Interest Owner in Tract No. 300 Patented Lands.

On May 13, 2013, the Bill Barrett Corporation submitted self-certification stating the following:

Elk Production Uintah, LLC a subsidiary of Bill Barrett Corporation, hereby self certifies that all interests in the S2NE of Section, 19, Township 1 South, Range 1 East, Uintah Special Meridian, Tract 300, is committed to the Roosevelt Unit Agreement, dated November 7, 1950, designated I Sec. No. 886, Uintah and Duchesne Counties, Utah.

CONFIDENTIAL

The consent of the appropriate working interest owners accompanied the documents. Tract 300 is now considered fully committed. The documents are accepted as subsequent joinders effective May 1, 2013, pursuant to Section 27 of the Unit Agreement.

A copy of the joinders is being distributed to the Vernal Field Office and a copy is returned herewith. It is requested that you notify all other interested parties of the acceptance of these joinders.

If you have any questions, please contact Judy Nordstrom at (801) 539-4108.

Sincerely,

/s/ Roger L. Bankert

Roger L. Bankert
Chief, Branch of Minerals

Enclosure

cc: BLM FOM - Vernal w/enclosure

bcc: Unit File – Roosevelt Unit/w enclosure
Fluids – Becky
Fluids – Mickey
Fluids – Judy
Agr. Sec. Chron
Reading File
Central Files
JNordstrom: 5/28/2013

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator ELK PRODUCTION UINTAH, LLC
Well Name RU 19D-24
API Number 43047530010000 **APD No** 6481 **Field/Unit** BLUEBELL
Location: 1/4,1/4 SENE **Sec** 19 **Tw** 1.0S **Rng** 1.0E 2060 FNL 1060 FEL
GPS Coord (UTM) 591648 4470962 **Surface Owner** Blue Diamond Oil Corporation

Participants

Jake Woodland and Kary Eldredge (BBC), Don Hamilton (permit contractor), Brandon Bowthorpe and Trevor Anderson (surveyors)

Regional/Local Setting & Topography

This locations lays in a flat cow pasture approximately 6 miles north east of Roosevelt, UT. The area around the well slopes slightly south.

Surface Use Plan

Current Surface Use

Agricultural

New Road

Miles

0.09

Well Pad

Width 305 **Length** 400

Src Const Material

Onsite

Surface Formation

DUCHR

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Pasture grasses

Soil Type and Characteristics

Laom soil

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors

Site Ranking

- Distance to Groundwater (feet)**
- Distance to Surface Water (feet)**
- Dist. Nearest Municipal Well (ft)**
- Distance to Other Wells (feet)**
- Native Soil Type**
- Fluid Type**
- Drill Cuttings**
- Annual Precipitation (inches)**
- Affected Populations**
- Presence Nearby Utility Conduits**

Final Score

Sensitivity Level

Characteristics / Requirements

The reserve pit as proposed is 205ft by 100ft by 8ft deep and is to placed in a cut stable location. Kary Eldredge of Bill Barrett Corporation stated that a minimum 16 mil liner and felt subliner will be used. This appears to be adequate for this location.

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

Other Observations / Comments

Richard Powell
Evaluator

8/15/2012
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
6481	43047530010000	LOCKED	OW	P	No
Operator	ELK PRODUCTION UINTAH, LLC		Surface Owner-APD	Blue Diamond Oil Corporation	
Well Name	RU 19D-24		Unit	ROOSEVELT	
Field	BLUEBELL		Type of Work	DRILL	
Location	SENE 19 1S 1E U 2060 FNL (UTM) 591656E 4470900N		1060 FEL GPS Coord		

Geologic Statement of Basis

Elk proposes to set 80 feet of conductor and 3,500 feet of surface casing at this location. The conductor and surface hole will be drilled with fresh water mud. The depth to the base of the moderately saline ground water is estimated to be 2,500 feet. A search of Division of Water Rights records indicates that there are over 50 water wells within a 10,000 foot radius of the center of Section 19. These wells range in depth from 22 to 660 feet. Listed uses are domestic, irrigation, stock watering, industrial and municipal. The surface formation at the proposed site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and is not expected to be a high volume source of ground water. Water production in this area is from near surface alluvium and the Uinta Formation. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill
APD Evaluator

9/12/2012
Date / Time

Surface Statement of Basis

This locations lays in a flat cow pasture approximately 6 miles north east of Roosevelt, UT. The proposed well is on fee surface with fee minerals. Surface owner Gary Sprouse was contacted by phone and invited but did not attend the onsite inspection. Mr. Sprouse stated that he was satisfied with the placement of the well as long as Bill Barrett Corporation does not vary from what he agreed to in the surface use agreement. The reserve pit as proposed is 205ft by 100ft by 8ft deep and is to placed in a cut stable location. Kary Eldredge of Bill Barrett Corporation stated that a minimum 16 mil liner and felt subliner will be used. This appears to be adequate for this location. There are no affected drainages and this appears to be a stable location.

Richard Powell
Onsite Evaluator

8/15/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/23/2012

API NO. ASSIGNED: 43047530010000

WELL NAME: RU 19D-24

OPERATOR: ELK PRODUCTION UINTAH, LLC (N3770)

PHONE NUMBER: 303 312-8172

CONTACT: Venessa Langmacher

PROPOSED LOCATION: SENE 19 010S 010E

Permit Tech Review:

SURFACE: 2060 FNL 1060 FEL

Engineering Review:

BOTTOM: 1980 FNL 0660 FEL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.38366

LONGITUDE: -109.92018

UTM SURF EASTINGS: 591656.00

NORTHINGS: 4470900.00

FIELD NAME: BLUEBELL

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - LPM4138148
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 43-180
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

LOCATION AND SITING:

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

Comments: Presite Completed

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



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: RU 19D-24
API Well Number: 43047530010000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 6/3/2013

Issued to:

ELK PRODUCTION UINTAH, LLC, 1099 18th Street Ste 2300, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER(LWR)-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.

Commingle:

Administrative approval for commingling the production from the Wasatch formation and the Green River formation in this well is hereby granted. Appropriate information has been submitted to DOGM in accordance with R649-3-22. No written objections from owners were received by DOGM.

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.

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 2000' MD as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:

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

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

Notification Requirements:

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

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

Contact Information:

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

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

Reporting Requirements:

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

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days

- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

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

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: ROOSEVELT
2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC		8. WELL NAME and NUMBER: RU 19D-24
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047530010000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 1060 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 01.0S Range: 01.0E Meridian: U		9. FIELD and POOL or WILDCAT: BLUEBELL
		COUNTY: UINTAH
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/18/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input 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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="change to drilling plan"/>

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

Attached, please find the revised drilling plan and directional survey to deepen the TD of this well from 11,287' to 13,727' and adding 1000' of tail for the surface casing. Brent Murphy and Jason Anderson of BBC spoke to Helen Sadik-Macdonald on 6/18/2013 at 10 am concerning the details of the attached plan and the concerns brought up by UDOGM per major loss circulation or water flows, which have not been experienced in this area. Please contact Brady Riley at 303-312-8115 with any questions in regard to the changes.

**Approved by the
Utah Division of
Oil, Gas and Mining**

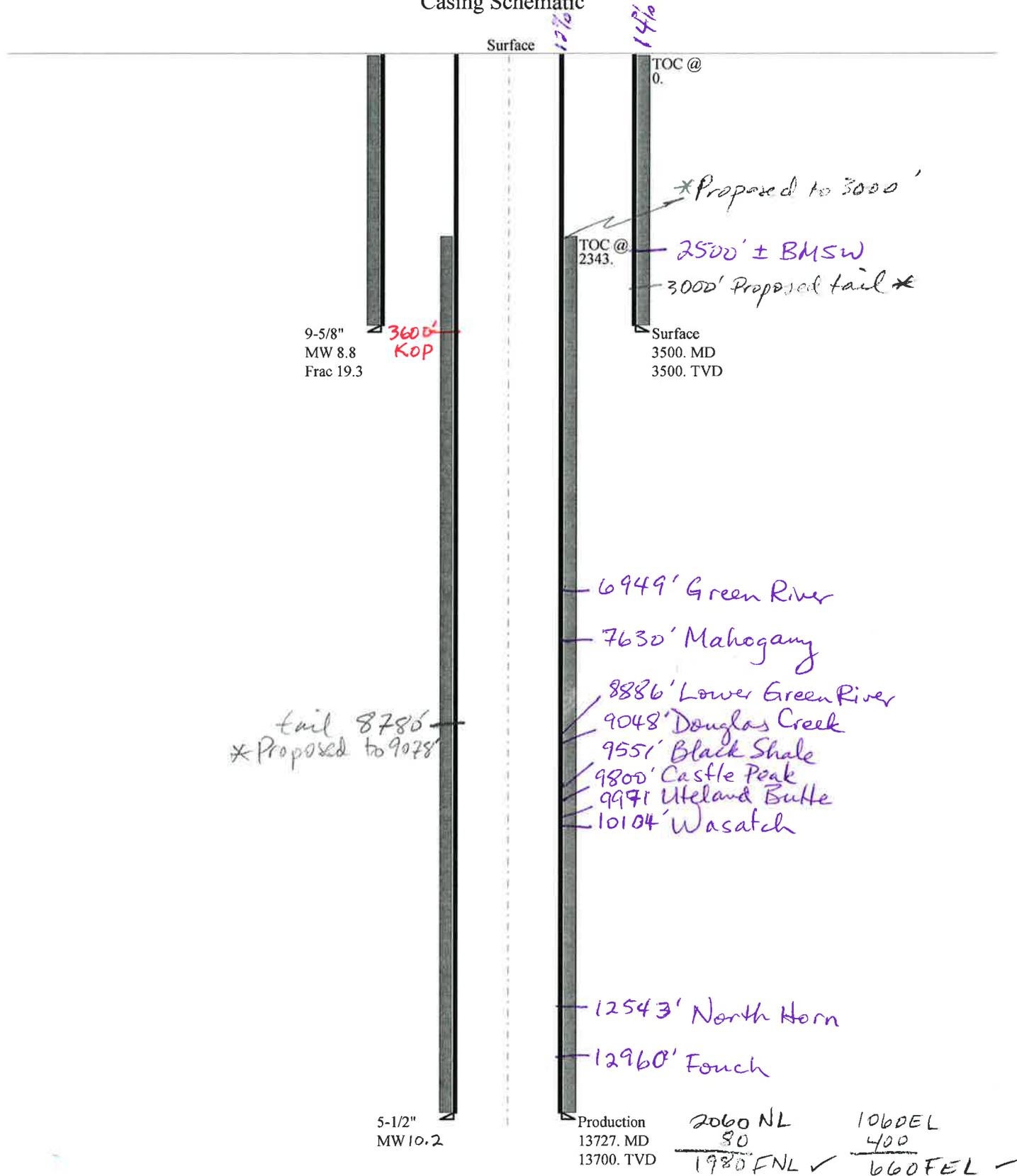
Date: June 27, 2013

By: *Dr. K. Quist*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/3/2013	

43047530010000 RU 19D-24rev

Casing Schematic



Well name:	43047530010000 RU 19D-24rev		
Operator:	ELK PRODUCTION UINTAH, LLC		
String type:	Surface	Project ID:	43-047-53001
Location:	UINTAH COUNTY		

Design parameters:**Collapse**

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

Burst

Max anticipated surface pressure: 3,080 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 3,500 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: 3,044 ft

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 123 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Non-directional string.**Re subsequent strings:**

Next setting depth: 13,700 ft
Next mud weight: 10.200 ppg
Next setting BHP: 7,259 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 3,500 ft
Injection pressure: 3,500 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	3500	9.625	36.00	J-55	ST&C	3500	3500	8.796	30422
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	1600	2020	1.263	3500	3520	1.01	109.6	394	3.60 J

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

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

Date: June 18, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3500 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43047530010000 RU 19D-24rev	
Operator:	ELK PRODUCTION UINTAH, LLC	
String type:	Production	Project ID: 43-047-53001
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 10.200 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 266 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 2,343 ft

Burst

Max anticipated surface pressure: 4,245 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 7,259 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 air weight.

Neutral point: 11,612 ft

Directional well information:

Kick-off point 3600 ft
Departure at shoe: 408 ft
Maximum dogleg: 1.5 °/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	13727	5.5	20.00	P-110	LT&C	13700	13727	4.653	106362
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	7259	11100	1.529	7259	12630	1.74	274	548	2.00 J

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

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

Date: June 18, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 13700 ft, a mud weight of 10.2 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

DRILLING PLAN REVISED (6/18/2013)

ELK PRODUCTION UINTAH, LLC

RU 19D-24

SE NE, 2060' FNL and 1060' FEL, Section 19, T1S-R1E, USB&M (Surface Hole)

SE NE, 1980' FNL and 660' FEL, Section 19, T1S-R1E, USB&M (Bottom Hole)

Uintah County, Utah

1 - 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	<u>Depth – MD</u>	<u>Depth – TVD</u>
Green River	6,976'	6,949'
Mahogany	7,657'	7,630'
Lower Green River*	8,913'	8,886'
Douglas Creek	9,075'	9,048'
Black Shale	9,578'	9,551'
Castle Peak	9,827'	9,800'
Uteland Butte	9,998'	9,971'
Wasatch*	10,131'	10,104'
North Horn	12,570'	12,543'
Fouch	12,987'	12,960'
TD	13,727'	13,700'

*PROSPECTIVE PAY

The Green River and Wasatch formations are the primary objectives for oil/gas.

Base of Usable Water: 8702'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 3,500'	NU Diverter or Rotating Head (may pre-set 9-5/8" with smaller rig) See Appendix A below if a small rig is used
3,500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

4. Casing Program

Elk Production Uintah, LLC
 Drilling Program **REVISED**
 RU #19D-24
 Uintah County, Utah

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
26"	Surface	80'	16"	65#			
12 1/4"	Surface*	3,500'	9 5/8"	36#	J or K 55	ST&C	New
8 3/4"	Surface	TD	5 1/2"	20#	P-110	LT&C	New

*The casing program is based on recent wells drilled by Axia in the immediate area. See Appendix A below.

5. **Cementing Program**

<u>Casing</u>	<u>Cementing</u>
16" Conductor Casing	<i>Grout</i>
9 5/8" Surface Casing (may pre-set 9-5/8" with smaller rig) See Appendix A below if a small rig is used	<p><i>Lead</i> with approximately 440 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft³/sx) circulated to surface with 75% excess. Top of lead estimated at surface (2500' of fill).</p> <p><i>Tail</i> with approximately 420 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft³/sx), calculated hole volume with 75% excess. Top of tail estimated at 2500' (1000' of fill).</p> <p>Top out with 15.6 ppg cement using 1" tubing until hole stands full.</p>
5 1/2" Production Casing	<p><i>Lead</i> with approximately 1000 sx Tuned Light cement with additives, mixed at 11.0 ppg (yield = 2.31 ft³/sx,). Top of lead estimated at 3,000'.</p> <p><i>Tail</i> with approximately 1250 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft³/sx). Top of tail estimated at 9078'.</p>

6. **Mud Program**

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 3,500'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
3,500' – TD	8.6 – 10.2	42-52	20 cc or less	LSND Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag in the production hole.				

7. **Testing, Logging and Core Programs**

Cores	None anticipated
Testing	None anticipated; drill stem tests may be run on shows of interest;

Elk Production Uintah, LLC
 Drilling Program **REVISED**
 RU #19D-24
 Uintah County, Utah

Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 6910 psi* and maximum anticipated surface pressure equals approximately 3896 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A - (0.22 x TD)

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Green River located in Sec. 33, T8S, R20E.

11. Drilling Schedule

Location Construction: constructed
 Spud: June 2013
 Duration: 15 days drilling time
 6 days completion time

12. Appendix A

If we pre-set the 9-5/8" casing on this well with a spudder rig, the following equipment shall be in place and operational during air/gas drilling:

- Properly lubricated and maintained rotating head*
- Spark arresters on engines or water cooled exhaust*
- Blooie line discharge 100 feet from well bore and securely anchored
- Straight run on blooie line unless otherwise approved
- Deduster equipment*
- All cuttings and circulating medium shall be directed into a reserve or blooie pit*
- Float valve above bit*
- Automatic igniter or continuous pilot light on the blooie line*
- Compressors located in the opposite direction from the blooie line a minimum of 100 feet from

Elk Production Uintah, LLC
Drilling Program **REVISED**
RU #19D-24
Uintah County, Utah

the well bore

- Mud circulating equipment, water, and mud materials (does not have to be premixed) sufficient to maintain the capacity of the hole and circulating tanks or pits

BILL BARRETT CORP

UINTAH COUNTY

RU 19D-24

RU 19D-24

RU 19D-24

Plan: Design #2

Standard Planning Report

12 June, 2013



Site Latitude: 40° 23' 1.360 N
Site Longitude: 109° 55' 10.070 W

COMPANY DETAILS: BILL BARRETT CORP

Calculation Method: Minimum Curvature
Error System: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Elliptical Conic
Warning Method: Error Ratio

Positional Uncertainty: 0.0
Convergence: 1.04
Local North: True

WELL DETAILS: RU 19D-24

Ground Level: 5478.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	22358.82	2440337.62	40° 23' 1.360 N	109° 55' 10.070 W	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
RU 19D-24 BTV	7000.0	80.2	400.1	40° 23' 2.152 N	109° 55' 4.901 W	Rectangle (Sides: L200.0 W200.0)
RU 19D-24 PBHL #2	13700.0	80.2	400.1	40° 23' 2.152 N	109° 55' 4.901 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

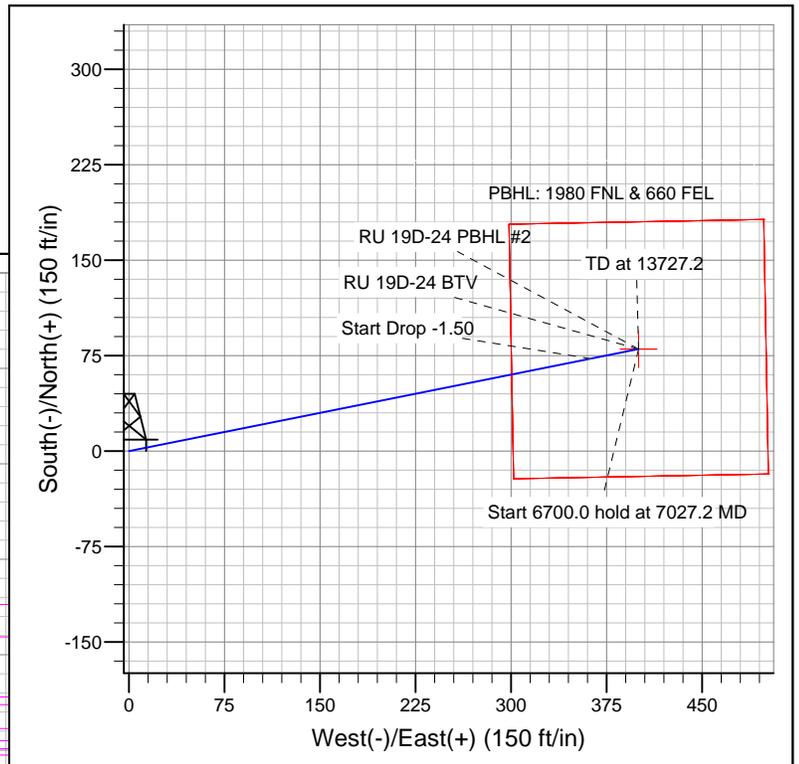
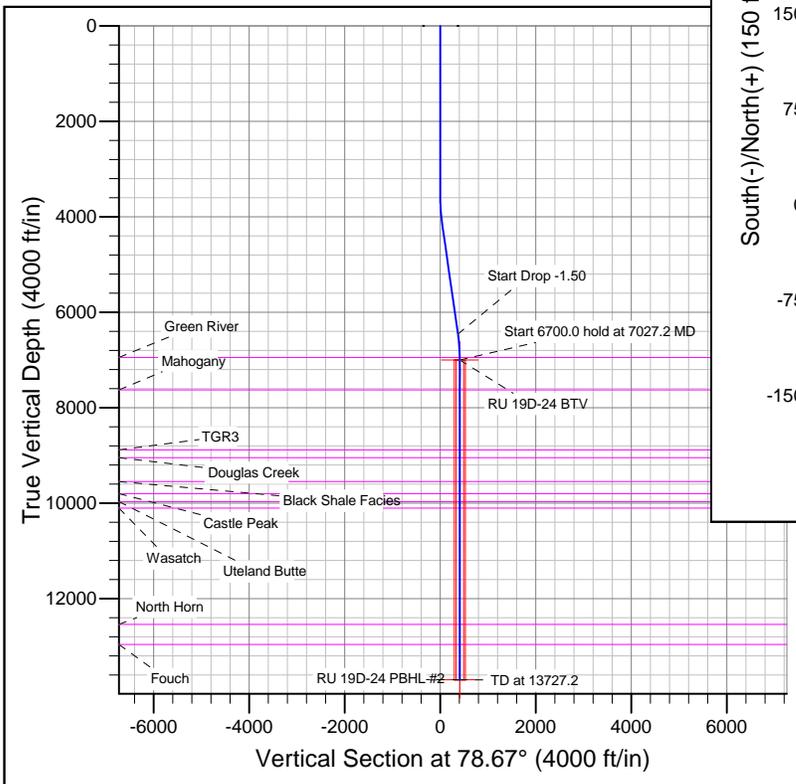
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3600.0	0.00	0.00	3600.0	0.0	0.0	0.00	0.00	0.0	
3	4141.8	8.13	78.67	4140.0	7.5	37.6	1.50	78.67	38.4	
4	6485.3	8.13	78.67	6460.0	72.6	362.5	0.00	0.00	369.7	
5	7027.2	0.00	0.00	7000.0	80.2	400.1	1.50	180.00	408.0	RU 19D-24 BTV
6	13727.2	0.00	0.00	13700.0	80.2	400.1	0.00	0.00	408.0	RU 19D-24 PBHL #2

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
6949.0	6976.2	Green River
7630.0	7657.2	Mahogany
8886.0	8913.2	TGR3
9048.0	9075.2	Douglas Creek
9551.0	9578.2	Black Shale Facies
9800.0	9827.2	Castle Peak
9971.0	9998.2	Uteland Butte
10104.0	10131.2	Wasatch
12543.0	12570.2	North Horn
12960.0	12987.2	Fouch

CASING DETAILS

No casing data is available



Azimuths to True North
 Magnetic North: 11.17°

Magnetic Field
 Strength: 52365.2snT
 Dip Angle: 66.07°
 Date: 7/17/2012
 Model: IGRF2010

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site RU 19D-24
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 5493.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 5493.0ft (Original Well Elev)
Site:	RU 19D-24	North Reference:	True
Well:	RU 19D-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	RU 19D-24		
Design:	Design #2		

Project	UINTAH COUNTY		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah North 4301		

Site	RU 19D-24				
Site Position:		Northing:	22,358.82 ft	Latitude:	40° 23' 1.360 N
From:	Lat/Long	Easting:	2,440,337.62 ft	Longitude:	109° 55' 10.070 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	1.04 °

Well	RU 19D-24					
Well Position	+N/-S	0.0 ft	Northing:	22,358.82 ft	Latitude:	40° 23' 1.360 N
	+E/-W	0.0 ft	Easting:	2,440,337.62 ft	Longitude:	109° 55' 10.070 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,478.0 ft

Wellbore	RU 19D-24				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/17/2012	11.17	66.07	52,365

Design	Design #2			
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	78.67

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	
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,141.8	8.13	78.67	4,140.0	7.5	37.6	1.50	1.50	0.00	78.67	
6,485.3	8.13	78.67	6,460.0	72.6	362.5	0.00	0.00	0.00	0.00	
7,027.2	0.00	0.00	7,000.0	80.2	400.1	1.50	-1.50	0.00	180.00	RU 19D-24 BTV
13,727.2	0.00	0.00	13,700.0	80.2	400.1	0.00	0.00	0.00	0.00	RU 19D-24 PBHL #2

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site RU 19D-24
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 5493.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 5493.0ft (Original Well Elev)
Site:	RU 19D-24	North Reference:	True
Well:	RU 19D-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	RU 19D-24		
Design:	Design #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 1.50									
3,700.0	1.50	78.67	3,700.0	0.3	1.3	1.3	1.50	1.50	0.00
3,800.0	3.00	78.67	3,799.9	1.0	5.1	5.2	1.50	1.50	0.00
3,900.0	4.50	78.67	3,899.7	2.3	11.5	11.8	1.50	1.50	0.00
4,000.0	6.00	78.67	3,999.3	4.1	20.5	20.9	1.50	1.50	0.00
4,100.0	7.50	78.67	4,098.6	6.4	32.0	32.7	1.50	1.50	0.00
4,141.8	8.13	78.67	4,140.0	7.5	37.6	38.4	1.50	1.50	0.00
Start 2343.5 hold at 4141.8 MD									
4,200.0	8.13	78.67	4,197.6	9.1	45.7	46.6	0.00	0.00	0.00
4,300.0	8.13	78.67	4,296.6	11.9	59.5	60.7	0.00	0.00	0.00
4,400.0	8.13	78.67	4,395.6	14.7	73.4	74.9	0.00	0.00	0.00
4,500.0	8.13	78.67	4,494.6	17.5	87.3	89.0	0.00	0.00	0.00
4,600.0	8.13	78.67	4,593.6	20.3	101.1	103.1	0.00	0.00	0.00
4,700.0	8.13	78.67	4,692.6	23.0	115.0	117.3	0.00	0.00	0.00
4,800.0	8.13	78.67	4,791.6	25.8	128.9	131.4	0.00	0.00	0.00
4,900.0	8.13	78.67	4,890.6	28.6	142.7	145.6	0.00	0.00	0.00
5,000.0	8.13	78.67	4,989.6	31.4	156.6	159.7	0.00	0.00	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site RU 19D-24
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Project:	UINTAH COUNTY	MD Reference:	KB @ 5493.0ft (Original Well Elev)
Site:	RU 19D-24	North Reference:	True
Well:	RU 19D-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	RU 19D-24		
Design:	Design #2		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,100.0	8.13	78.67	5,088.6	34.1	170.4	173.8	0.00	0.00	0.00	
5,200.0	8.13	78.67	5,187.6	36.9	184.3	188.0	0.00	0.00	0.00	
5,300.0	8.13	78.67	5,286.6	39.7	198.2	202.1	0.00	0.00	0.00	
5,400.0	8.13	78.67	5,385.5	42.5	212.0	216.2	0.00	0.00	0.00	
5,500.0	8.13	78.67	5,484.5	45.3	225.9	230.4	0.00	0.00	0.00	
5,600.0	8.13	78.67	5,583.5	48.0	239.7	244.5	0.00	0.00	0.00	
5,700.0	8.13	78.67	5,682.5	50.8	253.6	258.7	0.00	0.00	0.00	
5,800.0	8.13	78.67	5,781.5	53.6	267.5	272.8	0.00	0.00	0.00	
5,900.0	8.13	78.67	5,880.5	56.4	281.3	286.9	0.00	0.00	0.00	
6,000.0	8.13	78.67	5,979.5	59.1	295.2	301.1	0.00	0.00	0.00	
6,100.0	8.13	78.67	6,078.5	61.9	309.1	315.2	0.00	0.00	0.00	
6,200.0	8.13	78.67	6,177.5	64.7	322.9	329.3	0.00	0.00	0.00	
6,300.0	8.13	78.67	6,276.5	67.5	336.8	343.5	0.00	0.00	0.00	
6,400.0	8.13	78.67	6,375.5	70.2	350.6	357.6	0.00	0.00	0.00	
6,485.3	8.13	78.67	6,460.0	72.6	362.5	369.7	0.00	0.00	0.00	
Start Drop -1.50										
6,500.0	7.91	78.67	6,474.5	73.0	364.5	371.7	1.50	-1.50	0.00	
6,600.0	6.41	78.67	6,573.7	75.5	376.7	384.2	1.50	-1.50	0.00	
6,700.0	4.91	78.67	6,673.2	77.4	386.4	394.0	1.50	-1.50	0.00	
6,800.0	3.41	78.67	6,773.0	78.8	393.5	401.3	1.50	-1.50	0.00	
6,900.0	1.91	78.67	6,872.9	79.7	398.0	405.9	1.50	-1.50	0.00	
6,976.2	0.77	78.67	6,949.0	80.1	399.8	407.7	1.50	-1.50	0.00	
Green River										
7,000.0	0.41	78.67	6,972.8	80.1	400.0	407.9	1.50	-1.50	0.00	
7,027.2	0.00	0.00	7,000.0	80.2	400.1	408.0	1.50	-1.50	0.00	
Start 6700.0 hold at 7027.2 MD										
7,100.0	0.00	0.00	7,072.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,172.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,272.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,372.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,472.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,572.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,657.2	0.00	0.00	7,630.0	80.2	400.1	408.0	0.00	0.00	0.00	
Mahogany										
7,700.0	0.00	0.00	7,672.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,772.8	80.2	400.1	408.0	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,872.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,972.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,072.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,172.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,272.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,372.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,472.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,572.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,672.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,772.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,872.8	80.2	400.1	408.0	0.00	0.00	0.00	
8,913.2	0.00	0.00	8,886.0	80.2	400.1	408.0	0.00	0.00	0.00	
TGR3										
9,000.0	0.00	0.00	8,972.8	80.2	400.1	408.0	0.00	0.00	0.00	
9,075.2	0.00	0.00	9,048.0	80.2	400.1	408.0	0.00	0.00	0.00	
Douglas Creek										
9,100.0	0.00	0.00	9,072.8	80.2	400.1	408.0	0.00	0.00	0.00	

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site RU 19D-24
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 5493.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 5493.0ft (Original Well Elev)
Site:	RU 19D-24	North Reference:	True
Well:	RU 19D-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	RU 19D-24		
Design:	Design #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,200.0	0.00	0.00	9,172.8	80.2	400.1	408.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,272.8	80.2	400.1	408.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,372.8	80.2	400.1	408.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,472.8	80.2	400.1	408.0	0.00	0.00	0.00
9,578.2	0.00	0.00	9,551.0	80.2	400.1	408.0	0.00	0.00	0.00
Black Shale Facies									
9,600.0	0.00	0.00	9,572.8	80.2	400.1	408.0	0.00	0.00	0.00
9,700.0	0.00	0.00	9,672.8	80.2	400.1	408.0	0.00	0.00	0.00
9,800.0	0.00	0.00	9,772.8	80.2	400.1	408.0	0.00	0.00	0.00
9,827.2	0.00	0.00	9,800.0	80.2	400.1	408.0	0.00	0.00	0.00
Castle Peak									
9,900.0	0.00	0.00	9,872.8	80.2	400.1	408.0	0.00	0.00	0.00
9,998.2	0.00	0.00	9,971.0	80.2	400.1	408.0	0.00	0.00	0.00
Uteland Butte									
10,000.0	0.00	0.00	9,972.8	80.2	400.1	408.0	0.00	0.00	0.00
10,100.0	0.00	0.00	10,072.8	80.2	400.1	408.0	0.00	0.00	0.00
10,131.2	0.00	0.00	10,104.0	80.2	400.1	408.0	0.00	0.00	0.00
Wasatch									
10,200.0	0.00	0.00	10,172.8	80.2	400.1	408.0	0.00	0.00	0.00
10,300.0	0.00	0.00	10,272.8	80.2	400.1	408.0	0.00	0.00	0.00
10,400.0	0.00	0.00	10,372.8	80.2	400.1	408.0	0.00	0.00	0.00
10,500.0	0.00	0.00	10,472.8	80.2	400.1	408.0	0.00	0.00	0.00
10,600.0	0.00	0.00	10,572.8	80.2	400.1	408.0	0.00	0.00	0.00
10,700.0	0.00	0.00	10,672.8	80.2	400.1	408.0	0.00	0.00	0.00
10,800.0	0.00	0.00	10,772.8	80.2	400.1	408.0	0.00	0.00	0.00
10,900.0	0.00	0.00	10,872.8	80.2	400.1	408.0	0.00	0.00	0.00
11,000.0	0.00	0.00	10,972.8	80.2	400.1	408.0	0.00	0.00	0.00
11,100.0	0.00	0.00	11,072.8	80.2	400.1	408.0	0.00	0.00	0.00
11,200.0	0.00	0.00	11,172.8	80.2	400.1	408.0	0.00	0.00	0.00
11,300.0	0.00	0.00	11,272.8	80.2	400.1	408.0	0.00	0.00	0.00
11,400.0	0.00	0.00	11,372.8	80.2	400.1	408.0	0.00	0.00	0.00
11,500.0	0.00	0.00	11,472.8	80.2	400.1	408.0	0.00	0.00	0.00
11,600.0	0.00	0.00	11,572.8	80.2	400.1	408.0	0.00	0.00	0.00
11,700.0	0.00	0.00	11,672.8	80.2	400.1	408.0	0.00	0.00	0.00
11,800.0	0.00	0.00	11,772.8	80.2	400.1	408.0	0.00	0.00	0.00
11,900.0	0.00	0.00	11,872.8	80.2	400.1	408.0	0.00	0.00	0.00
12,000.0	0.00	0.00	11,972.8	80.2	400.1	408.0	0.00	0.00	0.00
12,100.0	0.00	0.00	12,072.8	80.2	400.1	408.0	0.00	0.00	0.00
12,200.0	0.00	0.00	12,172.8	80.2	400.1	408.0	0.00	0.00	0.00
12,300.0	0.00	0.00	12,272.8	80.2	400.1	408.0	0.00	0.00	0.00
12,400.0	0.00	0.00	12,372.8	80.2	400.1	408.0	0.00	0.00	0.00
12,500.0	0.00	0.00	12,472.8	80.2	400.1	408.0	0.00	0.00	0.00
12,570.2	0.00	0.00	12,543.0	80.2	400.1	408.0	0.00	0.00	0.00
North Horn									
12,600.0	0.00	0.00	12,572.8	80.2	400.1	408.0	0.00	0.00	0.00
12,700.0	0.00	0.00	12,672.8	80.2	400.1	408.0	0.00	0.00	0.00
12,800.0	0.00	0.00	12,772.8	80.2	400.1	408.0	0.00	0.00	0.00
12,900.0	0.00	0.00	12,872.8	80.2	400.1	408.0	0.00	0.00	0.00
12,987.2	0.00	0.00	12,960.0	80.2	400.1	408.0	0.00	0.00	0.00
Fouch									
13,000.0	0.00	0.00	12,972.8	80.2	400.1	408.0	0.00	0.00	0.00
13,100.0	0.00	0.00	13,072.8	80.2	400.1	408.0	0.00	0.00	0.00
13,200.0	0.00	0.00	13,172.8	80.2	400.1	408.0	0.00	0.00	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site RU 19D-24
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 5493.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 5493.0ft (Original Well Elev)
Site:	RU 19D-24	North Reference:	True
Well:	RU 19D-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	RU 19D-24		
Design:	Design #2		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
13,300.0	0.00	0.00	13,272.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,400.0	0.00	0.00	13,372.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,500.0	0.00	0.00	13,472.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,600.0	0.00	0.00	13,572.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,700.0	0.00	0.00	13,672.8	80.2	400.1	408.0	0.00	0.00	0.00	
13,727.2	0.00	0.00	13,700.0	80.2	400.1	408.0	0.00	0.00	0.00	
TD at 13727.2										

Targets										
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
RU 19D-24 BTV - plan hits target - Rectangle (sides W200.0 H200.0 D6,700.0)	0.00	358.96	7,000.0	80.2	400.1	22,446.23	2,440,736.19	40° 23' 2.152 N	109° 55' 4.901 W	
RU 19D-24 PBHL #2 - plan hits target - Rectangle (sides W200.0 H200.0 D0.0)	0.00	358.96	13,700.0	80.2	400.1	22,446.23	2,440,736.19	40° 23' 2.152 N	109° 55' 4.901 W	

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
6,976.2	6,949.0	Green River		0.00	0.00	
7,657.2	7,630.0	Mahogany		0.00	0.00	
8,913.2	8,886.0	TGR3		0.00	0.00	
9,075.2	9,048.0	Douglas Creek		0.00	0.00	
9,578.2	9,551.0	Black Shale Facies		0.00	0.00	
9,827.2	9,800.0	Castle Peak		0.00	0.00	
9,998.2	9,971.0	Uteland Butte		0.00	0.00	
10,131.2	10,104.0	Wasatch		0.00		
12,570.2	12,543.0	North Horn		0.00		
12,987.2	12,960.0	Fouch		0.00		

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
3,600.0	3,600.0	0.0	0.0	Start Build 1.50	
4,141.8	4,140.0	7.5	37.6	Start 2343.5 hold at 4141.8 MD	
6,485.3	6,460.0	72.6	362.5	Start Drop -1.50	
7,027.2	7,000.0	80.2	400.1	Start 6700.0 hold at 7027.2 MD	
13,727.2	13,700.0	80.2	400.1	TD at 13727.2	

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: ROOSEVELT	
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: RU 19D-24	
2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC		9. API NUMBER: 43047530010000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8128 Ext	9. FIELD and POOL or WILDCAT: BLUEBELL	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 1060 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 01.0S Range: 01.0E Meridian: U		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 7/2/2013 <input type="checkbox"/> DRILLING REPORT Report Date:	<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.			
This well was spud on 07/02/2013 at 10:50 am by Triple A Drilling; Rig #TA 4037, Type Soilmec SR/30. Continuous drilling operations are planned to commence on 07/14/2013.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 03, 2013			
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst	
SIGNATURE N/A		DATE 7/2/2013	

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# Nabors M22
Submitted By JEREMY MEJORADO Phone Number 303-353-5350
Well Name/Number RU 19D-24
Qtr/Qtr SE/NE Section 19 Township 1S Range 1E
Lease Serial Number _____
API Number 43-047-53001

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 7/18/13 6:00 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time _____ AM PM

RECEIVED

JUL 17 2013

DIV. OF OIL, GAS & MINING

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: ROOSEVELT	
2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC		8. WELL NAME and NUMBER: RU 19D-24	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047530010000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 1060 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 01.0S Range: 01.0E Meridian: U		9. FIELD and POOL or WILDCAT: BLUEBELL	
		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: 7/31/2013	<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.			
Attached is the July 2013 Drilling Activity for this well.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 08, 2013			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 8/5/2013	

**RU 19D-24 7/12/2013 06:00 - 7/13/2013 06:00**

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status DRILLING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	13.00	19:00	1	RIGUP & TEARDOWN	RDRT. Move tubulars, pragma, bop wrangler, tanks w/5 trucks. Derrick scoped, sub squatted, derrick laid over. Will have full complement of trucks, 2 cranes for 54 mile rig move on 7-13.
19:00	11.00	06:00	1	RIGUP & TEARDOWN	Wait on daylight.

RU 19D-24 7/13/2013 06:00 - 7/14/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status DRILLING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	13.00	19:00	1	RIGUP & TEARDOWN	S/M WITH RW JONES - R/D ELECTRICAL, RIG DOWN & MOVE BACKYARD, SPLIT DERRICK, SPLIT SUBS, MOVE MISC. LOADS - SET MUD TANKS ON NEW LOCATION - RIG IS 85% MOVED & 5% RIGGED UP
19:00	11.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT

RU 19D-24 7/14/2013 06:00 - 7/15/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status DRILLING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT
06:30	12.00	18:30	1	RIGUP & TEARDOWN	S/M WITH TRUCKING COMPNAVY - SET MATTING BOARDS, SUBS, PIN CENTER SECTION, SET BACK YARD & R/U ELECTRICAL - PIN DERRICK AND PREP TO RAISE, RAISE DERRICK, RAISE SUB, R/U ELECTRICAL - MOVE CAMPS - RIG IS 100% MOVED & 70% RIGGED UP - TRUCKS RELEASED @ 1800 HRS
18:30	11.50	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT

RU 19D-24 7/15/2013 06:00 - 7/16/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status DRILLING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	1	RIGUP & TEARDOWN	R/U FLOOR, FINISH ELECTRICAL, PREP TO SPOOL DRAWWORKS, TROUBLE SHOOT ELECTRICAL, SPOOL DRAWWORKS, PREP TO SCOPE DERRICK, SCOPE DERRICK, SPOOL TUGGERLINES, R/U MUD LINE, FLOWLINE, FLARE LINES, CHANGE VALVES ON MUD TANKS, TEST MUD PUMPS, WELD ON FLANGE FOR DIVERTER - PREP TO CHANGE OUT QUIL ON TOP DRIVE SECOND INSPECTION COMPANY CAME OUT AND PASSED QUIL RE-ASSEMBLE TOP DRIVE - NIPPLE UP DIVERTER & WORK ON PRE-SPUD CHECK LIST - HANG KELLY HOSE

RU 19D-24 7/16/2013 06:00 - 7/17/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status DRILLING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	1	RIGUP & TEARDOWN	R/U CLAMP ON SAVER SUB, TURNBUCKLES, CHANGE LINER ON MP #1, SPOOL UP DRUM ON PRAGMA, P/U HANDLING SUBS, FINISH PRE-SPUD CHECKLIST - RICK BACK ON DAYWORK @ 0900 HRS
09:00	3.00	12:00	20	DIRECTIONAL WORK	RACK OUT & STRAP BHA, P/U MUD MOTOR & M/U BIT, P/U SHOCK SUB, REAMER & MONEL - M/U KELLY STAND
12:00	0.50	12:30	2	DRILL ACTUAL	W/450 GPM, 25 RPM, 10K WT ON BIT, 200-300 DIFF PRESS, 2K TQ
12:30	1.50	14:00	20	DIRECTIONAL WORK	P/U MWD TOOL & ORIENT SAME - P/U INDEX SUB, MONEL AND REAMER
14:00	15.00	05:00	2	DRILL ACTUAL	W/840 GPM, 25 RPM, 18-20K WT ON BIT, 250-450 DIFF PRESS, 7K TQ
05:00	0.50	05:30	7	LUBRICATE RIG	RIG SERVICE
05:30	0.50	06:00	23	OPEN	BOP DRILL - WELL SECURE IN 50 SECONDS - DISCUSS WELL CONTROL WITH CREW

RU 19D-24 7/17/2013 06:00 - 7/18/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status DRILLING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	2	DRILL ACTUAL	W/840 GPM, 25 RPM, 22K WT ON BIT, 350-550 DIFF PRESS, 8K TQ
16:00	0.50	16:30	21	OPEN	HELP BOP DRILL WELL SECURE IN 40 SEC - DISCUSS WELL CONTROL WITH CREW
16:30	1.00	17:30	7	LUBRICATE RIG	CHANGE SWABS ON #1 MP
17:30	4.50	22:00	2	DRILL ACTUAL	W/840 GPM, 30 RPM, 24K WT ON BIT, 250-550 DIFF PRESS 8K TQ
22:00	1.50	23:30	5	COND MUD & CIRC	CIRC PUMP 2 HIGH VIS SWEEPS
23:30	5.50	05:00	6	TRIPS	WIPER TRIP F/3529' T/279' - BACK REAM OUT F/3300' T/2700'
05:00	1.00	06:00	5	COND MUD & CIRC	CIRC PUMP 2 HIGH VIS SWEEPS

RU 19D-24 7/18/2013 06:00 - 7/19/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047530010000	UT	Uintah	Bluebell	DRILLING	13,727.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	5	COND MUD & CIRC	CIRC PUMP HIGH VIS SWEEP
07:00	2.50	09:30	6	TRIPS	T.O.O.H. F/3529' T/135'
09:30	1.50	11:00	20	DIRECTIONAL WORK	L/D DIR TOOLS - BRAIN MUD MOTOR - BREAK BIT & L/D MUD MOTOR
11:00	5.00	16:00	12	RUN CASING & CEMENT	R/U CSG CREW & RUN 81 JOINTS 9 5/8 J-55 36# STC CSG - SET @ 3519' WITH 18 CENTRALIZERS
16:00	2.00	18:00	5	COND MUD & CIRC	CIRC & COND MUD FOR CEMENT JOB INTSALL ROT HEAD
18:00	2.50	20:30	12	RUN CASING & CEMENT	S/M WITH CEMENTERS - R/U CEMENTERS - TEST LINES @ 5000 PSI, PUMP 20 BBLS FRESH WATER, 40 BBLS SUPER FLUSH, 20 BBLS FRESH WATER, 281 BBLS 500 SKS 11.0 PPG 3.16 YEILD LEAD CEMENT MIXED @ 19.43 GAL/SK, 109 BBLS 460 SKS 14.8 PPG 1.33 YIELD TAIL CEMENT MIXED @ 6.4 GAL/SK, SHUT DOWN DROP PLUG & DISPLACE WITH 268.5 BBLS FRESH WATER - FINAL LIFT PRESSURE 825 PSI BUMP PLUG AND PRESSURE UPTO 1345 PSI - RELEASE PRESSURE FLOATS HELD - FULL RETURNS DURING JOB - 78 BBLS CEMENT TO SURFACE
20:30	1.00	21:30	13	WAIT ON CEMENT	WOC
21:30	0.50	22:00	12	RUN CASING & CEMENT	RUN 180' 1" PIPE & TOP OUT WITH 10 BBLS 50 SKS 15.8 PPG 1.15 YIELD TOP OUT CEMENT MIXED @ 4.99 GAL/SK - FULL RETURNS DURING JOB 10 BBLS CEMENT TO SURFACE
22:00	2.00	00:00	13	WAIT ON CEMENT	WOC
00:00	1.50	01:30	14	NIPPLE DOWN B.O.P	NIPPLE DOWN DIVERTER
01:30	4.00	05:30	21	OPEN	PREP CSG FOR WELL HEAD & WELD ON WELL HEAD
05:30	0.50	06:00	14	NIPPLE UP B.O.P	NIPPLE UP B.O.P.

RU 19D-24 7/19/2013 06:00 - 7/20/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047530010000	UT	Uintah	Bluebell	DRILLING	13,727.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	14	NIPPLE UP B.O.P	NIPPLE UP BOP
07:30	5.00	12:30	15	TEST B.O.P	R/U TESTER & TEST BOP (UPPER KELLY, LOWER KELLY, FOSV, INSIDE BOP, CHOKE LINE & CHOKE VALVES, KILL LINE & CHECK VALVE, PIPE RAMS, BLIND RAMS, INSIDE VALVE, HCR ALL @ 10MIN 5000 PSI HIGH 5MIN 250 PSI LOW, ANNULAR @ 10MIN 2500 PSI HIGH 5MIN 250 PSI LOW, CSG @ 30MIN 1500 PSI - R/D TESTER
12:30	0.50	13:00	21	OPEN	INSTALL WEAR BUSHING
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE
13:30	2.00	15:30	20	DIRECTIONAL WORK	P/U MUD MOTOR - M/U BIT - P/U DIR TOOLS - LOAD MWD TOOL & OREINT SAME
15:30	2.50	18:00	6	TRIPS	T.I.H. F/0' T/3473'
18:00	2.00	20:00	8	REPAIR RIG	REPAIR CROWN-O-MATIC
20:00	0.50	20:30	2	DRILL ACTUAL	DRLG CEMENT FLOAT & SHOE W/340 GPM, 25 RPM, & 7K WT ON BIT
20:30	0.50	21:00	2	DRILL ACTUAL	W/400 GPM, 25 RPM, 10 K WT ON BIT, 250-450 DIFF PRESS, 4K TQ
21:00	0.50	21:30	21	OPEN	SPOT LCM SWEEP - PEROFRM EMW TEST TO 11.5 PPG WITH 8.4 PPG MUD WT @ 3549' CLOSE ANNULAR AND PRESSURE UPTO 572 PSI PRESSURE BLEED OFF TO 539 PSI (11.3 PPG EMW) - RELEASE PRESSURE
21:30	7.50	05:00	2	DRILL ACTUAL	W/650 GPM, 40 RPM, 20K WT ON BIT, 300-750 DIFF PRESS, 5K TQ
05:00	0.50	05:30	23	OPEN	BOP DRILL
05:30	0.50	06:00	7	LUBRICATE RIG	RIG SERVICE

**RU 19D-24 7/20/2013 06:00 - 7/21/2013 06:00**

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status DRILLING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.00	17:00	2	DRILL ACTUAL	W/650 GPM, 40 RPM, 24K WT ON BIT, 300-650 DIFF PRESS, 8K TQ
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE
17:30	0.50	18:00	23	OPEN	BOP DRILL
18:00	2.50	20:30	2	DRILL ACTUAL	W/650 GPM, 40 RPM, 28K WT ON BIT, 100-375 DIFF PRESS, 6K TQ
20:30	1.00	21:30	5	COND MUD & CIRC	CIRC PUMP HIGH VIS SWEEP
21:30	4.00	01:30	6	TRIPS	T.O.O.H.
01:30	1.00	02:30	20	DIRECTIONAL WORK	CHANGE OUT BIT & MUD MOTOR - ORIENT MWD TOOL
02:30	3.50	06:00	6	TRIPS	T.I.H. - WASH LAST 2 STANDS DOWN

RU 19D-24 7/21/2013 06:00 - 7/22/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status DRILLING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	W/590 GPM, 40 RPM, 21K WT ON BIT, 150-350 DIFF PRESS, 6K TQ
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	W/590 GPM, 40 RPM, 23K WT ON BIT, 150-300 DIFF PRESS, 6K TQ

RU 19D-24 7/22/2013 06:00 - 7/23/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status DRILLING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	14.00	20:00	2	DRILL ACTUAL	W/590 GPM, 35 RPM, 28K WT ON BIT, 150-275 DIFF PRESS, 7K TQ
20:00	0.50	20:30	7	LUBRICATE RIG	RIG SERVICE
20:30	6.50	03:00	2	DRILL ACTUAL	W/590 GPM, 30 RPM, 28K WT ON BIT, 175-300 DIFF PRESS, 8K TQ
03:00	1.00	04:00	20	DIRECTIONAL WORK	TROUBLE SHOOT MWD TOOL (LOST SIGNAL)
04:00	2.00	06:00	2	DRILL ACTUAL	W/590 GPM, 30 RPM, 28K WT ON BIT, 130-300 DIFF PRESS, 8K TQ

RU 19D-24 7/23/2013 06:00 - 7/24/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status DRILLING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.50	18:30	2	DRILL ACTUAL	W/590 GPM, 30 RPM, 30K WT ON BIT, 200-325 DIFF PRESS, 7K TQ
18:30	0.50	19:00	5	COND MUD & CIRC	CIRC B/U
19:00	4.50	23:30	6	TRIPS	T.O.O.H. F/7468' T/O'
23:30	1.50	01:00	20	DIRECTIONAL WORK	BREAK BIT - M/U NEW BIT - CHNAGE OUT MWD TOOL
01:00	5.00	06:00	6	TRIPS	T.I.H.

RU 19D-24 7/24/2013 06:00 - 7/25/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status DRILLING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	W/ 590 GPM, 30 RPM, 18K WT ON BIT, 150-350 DIFF PRESS, 7K TQ
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	11.00	04:00	2	DRILL ACTUAL	W/ 590 GPM, 30 RPM, 21K WT ON BIT, 175-350 DIFF PRESS, 8K TQ
04:00	0.50	04:30	7	LUBRICATE RIG	RIG SERVICE
04:30	1.50	06:00	2	DRILL ACTUAL	W/ 590 GPM, 30 RPM, 23K WT ON BIT, 200-325 DIFF PRESS, 8K TQ

RU 19D-24 7/25/2013 06:00 - 7/26/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status DRILLING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	2	DRILL ACTUAL	W/590 GPM, 30 RPM, 24K WT ON BIT, 125-275 DIFF PRESS, 8K TQ
12:30	1.00	13:30	20	DIRECTIONAL WORK	TALK DOWN TO MWD TOOL - OBTAIN SURVEY
13:30	1.00	14:30	2	DRILL ACTUAL	W/ 590 GPM, 30 RPM, 24K WT ON BIT, 150-275 DIFF PRESS, 8K TQ

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
14:30	0.50	15:00	20	DIRECTIONAL WORK	WAIT ON SURVEY
15:00	0.50	15:30	7	LUBRICATE RIG	RIG SERVICE
15:30	0.50	16:00	8	REPAIR RIG	SHUT DOWN AND SCRUB SHAKER SCREENS (NABORS WILL NOT PROVIDE RIG CREW WITH PRESSURE WASHER)
16:00	1.00	17:00	2	DRILL ACTUAL	W/590 GPM, 30 RPM, 25K WT ON BIT, 175-300 DIFF PRESS, 8K TQ
17:00	1.00	18:00	5	COND MUD & CIRC	ATTEMPT SURVEY (NO SIGNAL) - CIRC - PUMP HIGH VIS SWEEP
18:00	2.50	20:30	6	TRIPS	T.O.O.H. F/8530' T/3880'
20:30	2.00	22:30	20	DIRECTIONAL WORK	P/U REPEATER ASSEMBLY - LOAD TOOL
22:30	2.50	01:00	6	TRIPS	T.I.H. F/3880' T/8530'
01:00	5.00	06:00	2	DRILL ACTUAL	WITH 590 GPMM, 0 RPM, 18K WT ON BIT, 75-175 DIFF PRESS 8K TQ

RU 19D-24 7/26/2013 06:00 - 7/27/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047530010000	UT	Uintah	Bluebell	DRILLING	13,727.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	19.50	01:30	2	DRILL ACTUAL	W/590 GPM, 30 RPM, 26K WT ON BIT, 150-400 DIFF PRESS, 10K TQ
01:30	3.50	05:00	5	COND MUD & CIRC	CIRC - PUMP HIGH VIS SWEEP - CIRC RAISE MUD WT TO CONTROL GAS FOR TRIP
05:00	1.00	06:00	6	TRIPS	T.O.O.H. F/9157' T/7500' - TRIPPING DUE TO WEAK MUD MOTOR

RU 19D-24 7/27/2013 06:00 - 7/28/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047530010000	UT	Uintah	Bluebell	DRILLING	13,727.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	6	TRIPS	T.O.O.H. F/7500' T/0'
09:30	1.00	10:30	20	DIRECTIONAL WORK	BREAK BIT - L/D MUD MOTOR - P/U NEW MOTOR - M/U BIT
10:30	1.00	11:30	6	TRIPS	T.I.H. F/0' T/2500'
11:30	1.00	12:30	9	CUT OFF DRILL LINE	CUT & SLIP DRILL LINE
12:30	0.50	13:00	6	TRIPS	T.I.H. F/2500' T/3500'
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE
13:30	3.00	16:30	6	TRIPS	T.I.H. F/3500' T/9157'
16:30	9.00	01:30	2	DRILL ACTUAL	W/590 GPM, 30 RPM, 18K WT ON BIT, 200-375 DIFF PRESS, 10K TQ
01:30	0.50	02:00	7	LUBRICATE RIG	RIG SERVICE
02:00	4.00	06:00	2	DRILL ACTUAL	W/590 GPM, 30 RPM, 18K WT ON BIT, 200-400 DIFF PRESS, 10K TQ

RU 19D-24 7/28/2013 06:00 - 7/29/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047530010000	UT	Uintah	Bluebell	DRILLING	13,727.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	W/590 GPM, 45 RPM, 21K WT ON BIT, 200-350 DIFF PRESS, 10K TQ
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	11.50	03:30	2		W/565 GPM, 45 RPM, 27K WT ON BIT, 100-250 DIFF PRESS, 11K TQ
03:30	0.50	04:00	7	LUBRICATE RIG	RIG SERVICE
04:00	2.00	06:00	2	DRILL ACTUAL	W/565 GPM, 40 RPM, 27K WT ON BIT, 100-250 DIFF PRESS, 11K TQ

RU 19D-24 7/29/2013 06:00 - 7/30/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047530010000	UT	Uintah	Bluebell	DRILLING	13,727.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	W/560 GPM, 40 RPM, 30K WT ON BIT, 75-275 DIFF PRESS 11K TQ
09:00	3.00	12:00	23	WELL CONTROL	25 BBL KICK - SHUT IN WELL - SIDPP 100 PSI, SICP 143 PSI, ICP 430 PSI - CIRC KICK THRU CHOKE @ 40 SPM - SHUT IN WELL CHECK PRESSURE NO PRESSURE OPEN WELL CHECK FLOW - NO FLOW
12:00	2.50	14:30	5	COND MUD & CIRC	CIRC ON GAS BUSTER 1500-2500 UNITS GAS - RAISE MUD WT FROM 10.2 PPG TO 10.4 PPG
14:30	0.50	15:00	2	DRILL ACTUAL	W/505 GPM, 40 RPM, 30K WT ON BIT, 50-100 DIFF PRESS, 9K TQ
15:00	2.00	17:00	5	COND MUD & CIRC	CIRC - SIMULATE SHORT TRIP - CIRC B/U
17:00	0.50	17:30	6	TRIPS	T.O.O.H. F/10403' T/9939'

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
17:30	0.50	18:00	7	LUBRICATE RIG	FLOW CHECK, BOP DRILL, RIG SERVICE
18:00	5.00	23:00	6	TRIPS	T.O.O.H. F/9939' T/0'
23:00	3.00	02:00	20	DIRECTIONAL WORK	BREAK BIT - L/D MUD MOTOR - P/U NEW MOTOR - M/U BIT - L/D DAMAGED REAMER - CHANGE OUT MWD TOOL - & OREINT SAME
02:00	4.00	06:00	6	TRIPS	T.I.H. F/0' T/7000'

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# Nabors M22
Submitted By JEREMY MEJORADO Phone Number 303-353-5350
Well Name/Number RU 19D-24
Qtr/Qtr SE/NE Section 19 Township 1S Range 1E
Lease Serial Number _____
API Number 43-047-53001

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 7/18/13 6:00 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

RECEIVED
JUL 17 2013
DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks WE WILL BE CEMENTING AROUND 1:00 PM 7/18/13
PLEASE CALL WITH ANY QUESTIONS OR CONCERNS

—

10/18/13

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# Nabors M22
Submitted By Pat Clark Phone Number 303-353-5350
Well Name/Number RU 19D-24
Qtr/Qtr SE/NE Section 19 Township 1S Range 1E
Lease Serial Number _____
API Number 43-047-53001

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 8/6/13 17:00 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

RECEIVED
AUG 05 2013
DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks All times are estimated

—

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# Nabors M22
Submitted By JEREMY MEJORADO Phone Number 303-353-5350
Well Name/Number RU 19D-24
Qtr/Qtr SE/NE Section 19 Township 1S Range 1E
Lease Serial Number _____
API Number 43-047-53001

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Date/Time _____ AM PM

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- Surface Casing
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- Production Casing
- Liner
- Other

Date/Time 7/18/13 6:00 AM PM

BOPE

- Initial BOPE test at surface casing point
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- 30 day BOPE test
- Other

RECEIVED
JUL 17 2013
DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks WE WILL BE CEMENTING AROUND 1:00 PM 7/18/13
PLEASE CALL WITH ANY QUESTIONS OR CONCERNS

—

10/18/13

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# Nabors M22
Submitted By Pat Clark Phone Number 303-353-5350
Well Name/Number RU 19D-24
Qtr/Qtr SE/NE Section 19 Township 1S Range 1E
Lease Serial Number _____
API Number 43-047-53001

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 8/6/13 17:00 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

RECEIVED
AUG 05 2013
DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks All times are estimated

—

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: ROOSEVELT
2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC		8. WELL NAME and NUMBER: RU 19D-24
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047530010000
PHONE NUMBER: 303 312-8128 Ext		9. FIELD and POOL or WILDCAT: BLUEBELL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 1060 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 01.0S Range: 01.0E Meridian: U		COUNTY: UINTAH
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/26/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

This well had first production and first gas sales on 8/26/13

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
September 19, 2013**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 8/27/2013	

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: ROOSEVELT	
2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC		8. WELL NAME and NUMBER: RU 19D-24	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047530010000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 1060 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 01.0S Range: 01.0E Meridian: U		9. FIELD and POOL or WILDCAT: BLUEBELL	
		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: 8/31/2013	<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.			
Attached is the August 2013 Drilling Activity for this well.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 02, 2013			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 9/4/2013	

**RU 19D-24 8/1/2013 06:00 - 8/2/2013 06:00**

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	2	DRILL ACTUAL	Steerable Drlg 10964' - 11186'. 510 gpm, rpm 37/77, spp 2950 psi, dp 150 psi, 30 rop
13:30	0.50	14:00	7	LUBRICATE RIG	Rig Service.
14:00	14.00	04:00	2	DRILL ACTUAL	Steerable Drlg 11186' - 11660'. 510 gpm, rpm 37/77, spp 3150 psi, dp 350 psi, 34 fph rop .
04:00	0.50	04:30	7	LUBRICATE RIG	Rig Service.
04:30	1.50	06:00	2	DRILL ACTUAL	Steerable Drlg 11660' - 11722'. 510 gpm, rpm 37/77, spp 3150 psi, dp 350 psi, 41 fph rop .

RU 19D-24 8/2/2013 06:00 - 8/3/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	Steerable Drlg 11722' - 12039'. 505 gpm, rpm 35/75, spp 3150 psi, dp 200 psi, rop33 fph.
15:30	0.50	16:00	7	LUBRICATE RIG	Rig Service.
16:00	12.50	04:30	2	DRILL ACTUAL	Steerable Drlg 12039' - 12516'. 505 gpm, rpm 35/75, spp 3150 psi, dp 200 psi, rop38 fph.
04:30	0.50	05:00	7	LUBRICATE RIG	Rig Service.
05:00	1.00	06:00	2	DRILL ACTUAL	Steerable Drlg 12516' - 12545'. 505 gpm, rpm 35/75, spp 3150 psi, dp 200 psi, rop29 fph.

RU 19D-24 8/3/2013 06:00 - 8/4/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	Steerable Drlg 12545' - 12893'. Gpm 505, rpm 35/75, spp 3250 psi, dp 250 psi, rop 33 fph. BOP Drill daylights.
16:30	0.50	17:00	7	LUBRICATE RIG	Rig Service. Check COM.
17:00	10.50	03:30	2	DRILL ACTUAL	Steerable Drlg 12893' - 13177'. Gpm 505, rpm 35/75, spp 3250 psi, dp 250 psi, rop 27 fph.
03:30	0.50	04:00	7	LUBRICATE RIG	Rig Service.
04:00	2.00	06:00	2	DRILL ACTUAL	Steerable Drlg 13177' - 13272'. Gpm 505, rpm 35/75, spp 3250 psi, dp 250 psi, rop 48 fph. BOP Drill morning tour.

RU 19D-24 8/4/2013 06:00 - 8/5/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.50	14:30	2	DRILL ACTUAL	Steerable Drlg 12272' - 13496'. 505 gpm, 45/75 rpm, spp 3300 psi, dp 300 psi, tq 15k, rop26 fph.
14:30	0.50	15:00	7	LUBRICATE RIG	Rig Service.
15:00	9.00	00:00	2	DRILL ACTUAL	Steerable Drlg 13496' - 13727'. 505 gpm, 45/75 rpm, spp 3400 psi, dp 350 psi, tq 15k, rop26 fph. Sent sweep @ 13710'. TD well @ 13727'.
00:00	1.00	01:00	5	COND MUD & CIRC	C&C, Clean hole.
01:00	5.00	06:00	6	TRIPS	ST to 10400'. Pumped first 5 stds off bottom.

RU 19D-24 8/5/2013 06:00 - 8/6/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	6	TRIPS	Finish ST.
06:30	3.00	09:30	5	COND MUD & CIRC	C&C f/logs. 5535 units on BU, no flare. Kill pumps, flow check.
09:30	8.00	17:30	6	TRIPS	Toh w/7 stds, flow check, pump slug, toh.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
17:30	1.50	19:00	20	DIRECTIONAL WORK	L/D Dir tools.
19:00	7.50	02:30	11	WIRELINE LOGS	HSM. RU loggers. Tih, found obstruction @ 7629'. run dual lateralog, spectral density, dual spaced neutron, gamma, sonic array, micro spherically focused log f/7629'. Pooh w/wireline, remove bow spring centralizers, still can't get past 7629'. RD loggers.
02:30	1.00	03:30	6	TRIPS	Tih to 742'.
03:30	1.00	04:30	9	CUT OFF DRILL LINE	Slip and cut drill line.
04:30	1.50	06:00	6	TRIPS	Tih.

RU 19D-24 8/6/2013 06:00 - 8/7/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047530010000	UT	Uintah	Bluebell	PRODUCING	13,727.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	6	TRIPS	Tih to 8950'.
09:30	4.50	14:00	5	COND MUD & CIRC	Build volume, establish circ.
14:00	2.50	16:30	6	TRIPS	Finish tih. Had to wash by spot @ 12575'.
16:30	2.50	19:00	5	COND MUD & CIRC	C&C mud, raise MW back up to 10.5 ppg.
19:00	11.00	06:00	6	TRIPS	LDDP.

RU 19D-24 8/7/2013 06:00 - 8/8/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047530010000	UT	Uintah	Bluebell	PRODUCING	13,727.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	6	TRIPS	Finish LDDP.
08:00	0.50	08:30	21	OPEN	Pull wear bushing.
08:30	13.50	22:00	12	RUN CASING & CEMENT	HSM. RU casers, run 5 1/2", 20#, P-110, LT&C csg as follows: FS @ 13709', 2 jts csg, FC @ 13619', 24 jts csg, MJ @ 12513', 41 jts csg, MJ @ 19700', 41 jts csg, MJ @ 8886', 200 jts csg(308 total), 22' LJ. RD casers.
22:00	3.00	01:00	5	COND MUD & CIRC	C&C f/cmt. HSM, RU cementers.
01:00	5.00	06:00	12	RUN CASING & CEMENT	Cement well as follows: press test to 7,000 psi. Pump 80 bbl tuned spacer @ 12.6 ppg, mix and pump 1500 sx(518 bbls) lead cmt @ 12.7 ppg, 1.94 yld, 10.13 gps H2O. Tail in with 925 sx(239 bbls) cmt @ 13.5 ppg, 1.45 yld, 6.85 gps H2O. Wash up to pit, pump 301 bbls displacement w/Cla-web and Aldacide. Full returns until 150 bbls into displacement, came back 10 bbls before bump, max pressure 2858 psi, bump plug to 4029 psi. No cmt to surface.

RU 19D-24 8/8/2013 06:00 - 8/9/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047530010000	UT	Uintah	Bluebell	PRODUCING	13,727.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	21	OPEN	RD cementers. NDBOP, set slips w/255k. make rough cut. Clean pits. Release rig @ 15:00 on 8-8-13.

RU 19D-24 8/12/2013 06:00 - 8/13/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047530010000	UT	Uintah	Bluebell	PRODUCING	13,727.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HSM. CHECK PRESSURE. ND 11" NIGHT CAP. MAKE FINAL CUT AND DRESS 5-1/2" CSG. NU 7-1/16" 10K B-SECTION. TEST VOID AND SEALS. NU 7" NIGHT CAP.

RU 19D-24 8/13/2013 06:00 - 8/14/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047530010000	UT	Uintah	Bluebell	PRODUCING	13,727.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	WLWK	Wireline	MIRU HES. RUN 4.5" GR/JB TO TAG TD AT 13,551' (FC AT 13,619') HAVE 68' FILL. RUN RMT/RBT WITH 1000 PSI. CMT SHOWS ONLY FAIR WITH SOME RATTY SPOTS TD-9850'. POOR W/ HOLLOW SPOTS 9850'-6840'. TOC 6840'. RD HES. SECURE WELL. BATTERY UNDER CONSTRUCTION

**RU 19D-24 8/24/2013 06:00 - 8/25/2013 06:00**

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Heat Frac Line. HES Set Mover And Manifold. Prep For Frac.

RU 19D-24 8/25/2013 06:00 - 8/26/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.00	10:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Wireline Crew Arrive On Location. Hold Safety Meeting. Rig Up Lubricator, Arm Gun.
10:00	1.50	11:30	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES RBT/RMTE Dated 08-13-2013. Found And Correlated To Short Joint At 8,556 - 8,575'. Drop Down To Depth, Perforate Stage 1 Fouch Zone, 13,190 - 13,499'. 51 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
11:30	3.00	14:30	SRIG	Rig Up/Down	HES Rigging Up
14:30	15.50	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

RU 19D-24 8/26/2013 06:00 - 8/27/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	GOP	General Operations	HES Frac Crew On Location At 0500 Hrs.. Start Equipment. Run Fluid Checks, Prime Chemicals And HHP. Pressure Test To 10,000#s.
06:00	0.00	06:00	SMTG	Safety Meeting	Hold Safety Meeting. Talked About PPE, Wind Direction, Mustering Areas, Communication, And Red Zones.
06:00	0.34	06:20	FRAC	Frac. Job	Frac Stage 1. Fluid System: Hybor G 24. Open Well, 98 Psi. ICP. BrokeDown At 9.8 Bpm And 7,906 Psi.. Pump 3900 Gals. 15% HCL And 102 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 52.1 Bpm And 7,906 Psi., Get ISIP, 6,430 Psi.. 0.92 Psi./Ft. F.G.. 31/51 Holes. Con't With SlickWater Pad, 32,619 Gals.. Stage Into 1.0# 100 Mesh Pad, 55.2 Bpm At 8,150 Psi.. On Perfs, 55.2 Bpm At 8,513 Psi., 20,873 Gals. Stage Into 1.0# 20/40 Versa Prop, 55.2 Bpm At 8,291 Psi.. On Perfs, 54.7 Bpm At 7,718 Psi., 6,237 Gals. Stage Into 2.0# 20/40 Versa Prop, 54.7 Bpm At 8,043 Psi.. On Perfs, 54.6 Bpm At 7,472 Psi., 13,547 Gals. Stage Into 2.5# 20/40 Versa Prop, 54.7 Bpm At 7,436 Psi.. On Perfs, 54.9 Bpm At 7,312 Psi., 20,991 Gals. Stage Into 3.0# 20/40 Versa Prop, 54.8 Bpm At 7,231 Psi.. On Perfs, 56.7 Bpm At 7,205 Psi., 14,471 Gals. Stage Into 3.5# 20/40 Versa Prop, 56.5 Bpm At 7,219 Psi.. On Perfs, 57.0 Bpm At 7,425 Psi., 7,649 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 6,569 Psi.. 0.93 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 20,800# Total 20/40 SinterLite Prop - 150,000#. Total Clean - 147,175 Gals.. 3,504 Bbls.. BWTR - 3,660 Bbls. Max. Rate - 56.8 Bpm Avg. Rate - 55.4 Bpm Max. Psi. - 8,621 Psi. Avg. Psi. - 7,729 Psi.
06:20	0.25	06:35	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:35	1.58	08:10	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES RBT/RMTE Dated 08-13-2013. Found And Correlated To Short Joint At 12,476 - 12,498'. Drop Down To Depth, Set CFP At 13,165'. 6,300 Psi.. Perforate Stage 2 Fouch/North Horn Zone, 12,841 - 13,145'. 45 Holes. 6,000 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
08:10	0.17	08:20	GOP	General Operations	Well Turned Over To HES. Pressure Test To 10,000#. Equalize, Open To Well.
08:20	1.42	09:45	FRAC	Frac. Job	Frac Stage 2. Fluid System: Hybor G 24. Open Well, 5,670 Psi. ICP. BrokeDown At 10.2 Bpm And 5,978 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 53.8 Bpm And 7,590 Psi., Get ISIP, 5,822 Psi.. 0.89 Psi./Ft. F.G.. 28/45 Holes. Con't With SlickWater Pad, 31,611 Gals.. Stage Into 1.0# 100 Mesh Pad, 53.4 Bpm At 7,587 Psi.. On Perfs, 53.2 Bpm At 7,653 Psi., 20,896 Gals. Stage Into 1.0# 20/40 Versa Prop, 59.3 Bpm At 7,746 Psi.. On Perfs, 59.1 Bpm At 7,400 Psi., 6,189 Gals. Stage Into 2.0# 20/40 Versa Prop, 59.4 Bpm At 7,690 Psi.. On Perfs, 60.2 Bpm At 7,068 Psi., 13,197 Gals. Stage Into 2.5# 20/40 Versa Prop, 60.2 Bpm At 7,103 Psi.. On Perfs, 60.2 Bpm At 6,900 Psi., 21,858 Gals. Stage Into 3.0# 20/40 Versa Prop, 60.2 Bpm At 6,944 Psi.. On Perfs, 60.2 Bpm At 6,863 Psi., 14,249 Gals. Stage Into 3.5# 20/40 Versa Prop, 60.2 Bpm At 6,853 Psi.. On Perfs, 60.6 Bpm At 7,004 Psi., 7,611 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 5,734 Psi.. 0.88 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 23,800# Total 20/40 SinterLite Prop - 147,000#. Total Clean - 145,330 Gals.. 3,460 Bbls.. BWTR - 3,617 Bbls. Max. Rate - 60.3 Bpm Avg. Rate - 58.0 Bpm Max. Psi. - 8,001 Psi. Avg. Psi. - 7,307 Psi.
09:45	0.08	09:50	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
09:50	1.59	11:25	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES RBT/RMTE Dated 08-13-2013. Found And Correlated To Short Joint At 12,476 - 12,498'. Drop Down To Depth, Set CFP At 12,836'. 5,200 Psi.. Perforate Stage 3 North Horn Zone, 12,536 - 12,816'. 45 Holes. 5,150 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
11:25	0.16	11:35	GOP	General Operations	Well Turned Over To HES. Pressure Test To 10,000#. Equalize, Open To Well.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
11:35	1.33	12:55	FRAC	Frac. Job	<p>Frac Stage 3. Fluid System: Hybor G 21. Open Well, 4,990 Psi. ICP. BrokeDown At 9.7 Bpm And 5,145 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 65.0 Bpm And 7,796 Psi., Get ISIP, 5,097 Psi.. 0.84 Psi./Ft. F.G.. 32/45 Holes. Con't With SlickWater Pad, 31,938 Gals.. Stage Into 1.0# 100 Mesh Pad, 70.2 Bpm At 7,513 Psi.. On Perfs, 69.9 Bpm At 7,890 Psi., 20,744 Gals. Stage Into 1.0# 20/40 Versa Prop, 69.6 Bpm At 7,642 Psi.. On Perfs, 71.0 Bpm At 7,033 Psi., 5,996 Gals. Stage Into 2.0# 20/40 Versa Prop, 69.6 Bpm At 7,351 Psi.. On Perfs, 61.3 Bpm At 6,424 Psi., 12,843 Gals. Stage Into 2.5# 20/40 Versa Prop, 61.2 Bpm At 6,419 Psi.. On Perfs, 66.4 Bpm At 6,541 Psi., 22,684 Gals. Stage Into 3.0# 20/40 Versa Prop, 69.8 Bpm At 6,621 Psi.. On Perfs, 65.7 Bpm At 6,517 Psi., 13,881 Gals. Stage Into 3.5# 20/40 Versa Prop, 69.7 Bpm At 6,527 Psi.. On Perfs, 70.2 Bpm At 6,735 Psi., 7,858 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 5,418 Psi.. 0.87 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 19,300# Total 20/40 SinterLite Prop - 151,400#. Total Clean - 145,166 Gals.. 3,456 Bbls.. BWTR - 3,611 Bbls. Max. Rate - 71.1 Bpm Avg. Rate - 68.4 Bpm Max. Psi. - 7,902 Psi. Avg. Psi. - 6,969 Psi.</p>
12:55	0.17	13:05	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
13:05	1.58	14:40	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES RBT/RMTE Dated 08-13-2013. Found And Correlated To Short Joint At 10,653 - 10,672'. Drop Down To Depth, Set CFP At 12,521'. 5,000 Psi.. Perforate Stage 4 Wasatch Zone, 12,200 - 12,501'. 45 Holes. 4,800 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
14:40	0.17	14:50	GOP	General Operations	Well Turned Over To HES. Pressure Test To 10,000#. Equalize, Open To Well.
14:50	1.25	16:05	FRAC	Frac. Job	<p>Frac Stage 4. Fluid System: Hybor G 21. Open Well, 4,750 Psi. ICP. BrokeDown At 10.2 Bpm And 5,219 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 58.4 Bpm And 7,745 Psi., Get ISIP, 4,902 Psi.. 0.83 Psi./Ft. F.G.. 27/45 Holes. Con't With SlickWater Pad, 32,978 Gals.. Stage Into 1.0# 100 Mesh Pad, 68.8 Bpm At 7,890 Psi.. On Perfs, 60.3 Bpm At 7,326 Psi., 20,797 Gals. Stage Into 1.0# 20/40 Versa Prop, 69.1 Bpm At 7,452 Psi.. On Perfs, 70.5 Bpm At 7,070 Psi., 5,777 Gals. Stage Into 2.0# 20/40 Versa Prop, 70.5 Bpm At 7,314 Psi.. On Perfs, 70.6 Bpm At 6,769 Psi., 12,600 Gals. Stage Into 2.5# 20/40 Versa Prop, 70.6 Bpm At 6,725 Psi.. On Perfs, 70.8 Bpm At 6,610 Psi., 23,511 Gals. Stage Into 3.0# 20/40 Versa Prop, 70.8 Bpm At 6,614 Psi.. On Perfs, 69.1 Bpm At 6,520 Psi., 13,568 Gals. Stage Into 3.5# 20/40 Versa Prop, 69.1 Bpm At 6,515 Psi.. On Perfs, 69.3 Bpm At 6,453 Psi., 11,305 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 5,248 Psi.. 0.86 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 19,300# Total 20/40 SinterLite Prop - 152,100#. Total Clean - 149,066 Gals.. 3,549 Bbls.. BWTR - 3,719 Bbls. Max. Rate - 70.8 Bpm Avg. Rate - 69.5 Bpm Max. Psi. - 8,018 Psi. Avg. Psi. - 7,024 Psi.</p>
16:05	1.92	18:00	SRIG	Rig Up/Down	RigDown WireLine And Frac Crews, MOL.
18:00	12.00	06:00	FBCK	Flowback Well	Open Well To FlowBack On 14/64" Choke.

**RU 19D-24 8/27/2013 06:00 - 8/28/2013 06:00**

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM.
07:00	1.50	08:30	SRIG	Rig Up/Down	MOVE ONTO LOCATION. WELL FLOWING 2000 PSI ON 14/64" CHOKE. MAKING 40 BWP, SPOT AND RUSU.
08:30	1.00	09:30	GOP	General Operations	ND FRAC HEAD. PREP BOP. SPOT HYD WALK AND RACKS. LOWER RIG FLOOR. RUN PUMP LINES
09:30	4.50	14:00	GOP	General Operations	UNLOAD AND TALLY 424-JTS 2-7/8" L-80 TBG.
14:00	16.00	06:00	FBCK	Flowback Well	CREW TRAVEL. FLOW BACK WELL.

RU 19D-24 8/28/2013 06:00 - 8/29/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	3.50	10:30	CTUW	W/L Operation	FCP- 850 ON 18/64 CHOKE. R/U PIONEER W/L. RIH W/ 5-1/2 CBP. SET PLUG ABOVE PERFS @ 12,098'. POOH. BLEED OFF WELL. R/D W/L.
10:30	1.50	12:00	BOPI	Install BOP's	N/D FRAC TREE. N/U BOPE. R/U FLOOR & EQUIPMENT.
12:00	5.00	17:00	RUTB	Run Tubing	P/U 4-5/8 BIT, POBS, 1 JT 2-7/8 TBG & XN- NIPPLE. RIH W/ BHA P/U NEW 2-7/8 TBG TO KILL PLUG @ 11,952'.
17:00	2.00	19:00	DOPG	Drill Out Plugs	R/U POWER SWIVEL. BREAK CIRC. TEST BOP & CIRC TO 4000 PSI, HELD. D/O KILL PLUG @ 12,098'. FCP- 500 PSI ON 17/64 CHOKE. R/D SWIVEL. TURN WELL OVER TO FLOW BACK. SDFN.
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

RU 19D-24 8/29/2013 06:00 - 8/30/2013 06:00

API/UWI 43047530010000	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	4.00	11:00	DOPG	Drill Out Plugs	FCP- 300 ON 17/64 CHOKE. R/U SWIVEL & SWIVEL IN HOLE, TAG CBP @ 12,521'. D/O PLUG. FCP- 500 ON 16/64 CHOKE. SWIVEL IN HOLE, TAG CBP @ 12,330'. D/O PLUG. FCP- 800 ON 20/64 CHOKE. SWIVEL IN HOLE, TAG CBP @ 12,605'. D/O PLUG. FCP- 900 ON 20/64 CHOKE. SWIVEL IN HOLE, TAG SAND @ 13,439'. C/O SAND TO F/C @ 13,619'. D/O F/C & C/O CMT TO 13,686', PBTD.187' OF RAT HOLE. CIRC WELL CLEAN. R/D SWIVEL.
11:00	1.00	12:00	PULT	Pull Tubing	PULL ABOVE PERFS L/D 2-7/8 TBG TO 12,118' & LAND TBG. 372 JTS TOTAL IN HOLE.
12:00	2.00	14:00	IWHD	Install Wellhead	R/D FLOOR. N/D BOPE. N/U WELLHEAD. DROP BALL DOWN TBG & PUMPED BIT OFF. R/U TBG TO SALES LINE.
14:00	2.50	16:30	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT. MOL. STAGE RIG ON 13-5D-35 BTR.
16:30	1.50	18:00	CTUW	W/L Operation	R/U DELSCO W/L. RIH W/ 1-1/2" SINKER BARS TO 13,686'. PBTD. POOH. R/D DELSCO. TURN WELL OVER TO FLOW BACK.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	TBG OPEN TO SALES.

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: ROOSEVELT
2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC		8. WELL NAME and NUMBER: RU 19D-24
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047530010000
PHONE NUMBER: 303 312-8128 Ext		9. FIELD and POOL or WILDCAT: BLUEBELL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 1060 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 01.0S Range: 01.0E Meridian: U		COUNTY: UINTAH
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/29/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input 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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="pit closure options"/>

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

ELK PRODUCTION UINTAH, LLC is requesting an expedited approval of the use of EcoSeal(dehydrated densified saw dust) or have the option of using regular sawdust from a local sawmill in pit closure. Saw dust will be used to absorb moisture and stabilize pit contents. The mixed material will be capped with a minimum of two feet of native soil upon completion. Pending cost evaluation, Elk is also requesting permission to transport cuttings off location and disposed of them at the Environmental Energy Innovations facility near Myton.

REQUEST DENIED
Utah Division of
Oil, Gas and Mining

Date: November 05, 2013

By: 

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 10/29/2013	

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME Roosevelt
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: RU 19D-24
2. NAME OF OPERATOR: Elk Production Uintah, LLC		9. API NUMBER: 4304753001
3. ADDRESS OF OPERATOR: 1099 18th St Ste 2300 CITY Denver STATE CO ZIP 80202		10 FIELD AND POOL, OR WILDCAT Bluebell
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2060 FNL 1060 FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: 2019 FNL 643 FEL AT TOTAL DEPTH: 2076 FNL 639 FEL		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 19 1S 1E U
		12. COUNTY Uintah
		13. STATE UTAH

14. DATE SPUNNED: 7/2/2013	15. DATE T.D. REACHED: 8/5/2013	16. DATE COMPLETED: 8/26/2013 ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 5479 GL
18. TOTAL DEPTH: MD 13,749 TVD 13,730	19. PLUG BACK T.D.: MD 13,621 TVD 13,602	20. IF MULTIPLE COMPLETIONS, HOW MANY? *	21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) CBL/MUD	23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)
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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
26	16 Con	65#	0	80	80			0	
12 1/4	9 5/8 J-55	36#	0	3,529	3,519	Lead 500 Tail 460 Top out 50	281 109 10	0	
8 3/4	5 1/2 P11	20#	0	13,749	13,710	Tuned 1,500 ECON 925	518 239	7368	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	12,210							

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) Wasatch	12,200	13,499			12,200 13,499	.38	186	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
12200-13499	Wasatch: See attached Stage 1-4

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

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 8/26/2013		TEST DATE: 8/30/2013		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 268	GAS - MCF: 935	WATER - BBL: 457	PROD. METHOD: Flowing
CHOKE SIZE: 20/64	TBG. PRESS. 350	CSG. PRESS. 1,000	API GRAVITY 52.00	BTU - GAS 1	GAS/OIL RATIO 3,488	24 HR PRODUCTION RATES: →	OIL - BBL: 268	GAS - MCF: 935	WATER - BBL: 457	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.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River	7,022
				Mahogany	7,676
				TGR3	8,903
				Douglas Creek	9,062
				Black Shale Facies	9,573
				Castle Peak	9,813
				Uteland Butte	10,026
				RU Wasatch	10,147
				TD	13,749

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL. Conductor cemented with grout. First gas sales 8/26/2013; first oil sales 9/2/2013.

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

NAME (PLEASE PRINT) Christina Hirtler TITLE Administrative Assitant
 SIGNATURE _____ DATE 9/24/2013

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

Roosevelt Unit 19D-24 Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>Bbls Slurry</u>	<u>lbs Common White 100 Mesh Sand</u>	<u>lbs 20/40 VersaProp</u>	<u>gal 15% HCl Acid</u>
1	3504	20800	150000	3900
2	3452	23800	147000	3905
3	3456	19300	151400	3900
4	3397	19340	152040	3900

*Depth intervals for frac information same as perforation record intervals.



Design Report for RU 19D-24 - Final MWD Surveys

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
218.00	0.23	240.12	218.00	-0.22	-0.38	-0.41	0.11
First Sperry MWD Survey @ 218.00' MD							
311.00	0.36	215.31	311.00	-0.55	-0.71	-0.80	0.19
404.00	0.44	216.12	404.00	-1.08	-1.09	-1.28	0.09
495.00	0.20	152.06	494.99	-1.50	-1.22	-1.49	0.43
587.00	0.28	90.78	586.99	-1.64	-0.92	-1.23	0.28
679.00	0.20	93.25	678.99	-1.66	-0.54	-0.85	0.09
771.00	0.17	99.98	770.99	-1.69	-0.24	-0.57	0.04
863.00	0.15	105.01	862.99	-1.74	0.01	-0.33	0.03
958.00	0.32	109.32	957.99	-1.86	0.38	0.01	0.18
1,052.00	0.28	11.79	1,051.99	-1.73	0.67	0.32	0.48
1,147.00	0.48	343.62	1,146.99	-1.12	0.61	0.38	0.28
1,242.00	0.31	329.41	1,241.99	-0.51	0.37	0.26	0.21
1,337.00	0.19	303.04	1,336.99	-0.21	0.10	0.06	0.17
1,432.00	0.12	223.82	1,431.99	-0.19	-0.10	-0.13	0.22
1,527.00	0.17	202.58	1,526.98	-0.39	-0.22	-0.29	0.08
1,622.00	0.24	132.86	1,621.98	-0.66	-0.13	-0.26	0.25
1,717.00	0.17	130.33	1,716.98	-0.89	0.13	-0.05	0.07
1,812.00	0.20	138.04	1,811.98	-1.10	0.34	0.12	0.04
1,907.00	0.23	121.77	1,906.98	-1.32	0.62	0.34	0.07
2,002.00	0.24	142.52	2,001.98	-1.58	0.90	0.57	0.09
2,097.00	0.17	128.38	2,096.98	-1.83	1.13	0.75	0.09
2,192.00	0.12	179.06	2,191.98	-2.02	1.24	0.82	0.14
2,287.00	0.20	166.22	2,286.98	-2.28	1.28	0.81	0.09
2,382.00	0.28	169.59	2,381.98	-2.66	1.37	0.82	0.09
2,475.00	0.21	155.14	2,474.98	-3.04	1.48	0.85	0.10
2,570.00	0.20	150.92	2,569.98	-3.35	1.63	0.94	0.02
2,665.00	0.21	139.79	2,664.98	-3.62	1.83	1.08	0.04
2,760.00	0.26	120.39	2,759.98	-3.87	2.12	1.32	0.10
2,855.00	0.11	140.90	2,854.98	-4.05	2.37	1.53	0.17
2,950.00	0.11	208.69	2,949.98	-4.20	2.38	1.51	0.13
3,045.00	0.10	202.28	3,044.98	-4.35	2.31	1.40	0.02
3,140.00	0.08	83.32	3,139.98	-4.42	2.34	1.42	0.16
3,235.00	0.12	341.13	3,234.98	-4.32	2.37	1.48	0.17
3,329.00	0.24	284.70	3,328.98	-4.18	2.15	1.29	0.21
3,424.00	0.15	255.74	3,423.98	-4.16	1.84	0.99	0.14
3,462.00	0.12	240.22	3,461.97	-4.19	1.76	0.90	0.12
3,612.00	0.58	170.34	3,611.97	-5.02	1.75	0.73	0.37
3,649.00	0.68	160.11	3,648.97	-5.41	1.85	0.75	0.41
3,744.00	0.45	166.69	3,743.97	-6.30	2.13	0.85	0.25
3,838.00	0.51	272.77	3,837.96	-6.64	1.80	0.46	0.82
3,933.00	0.98	306.75	3,932.96	-6.13	0.72	-0.50	0.66
4,028.00	1.02	310.85	4,027.94	-5.09	-0.57	-1.56	0.09
4,122.00	0.84	317.17	4,121.93	-4.04	-1.67	-2.43	0.22
4,217.00	0.74	304.53	4,216.92	-3.18	-2.65	-3.22	0.21
4,312.00	0.67	314.06	4,311.91	-2.45	-3.55	-3.96	0.14
4,406.00	0.68	298.66	4,405.91	-1.80	-4.44	-4.70	0.19
4,501.00	1.12	69.37	4,500.90	-1.20	-4.06	-4.22	1.73
4,595.00	1.04	67.19	4,594.88	-0.55	-2.41	-2.48	0.10



Design Report for RU 19D-24 - Final MWD Surveys

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)
4,689.00	1.07	74.17	4,688.87	0.02	-0.78	-0.76	0.14
4,784.00	0.90	62.70	4,783.85	0.61	0.73	0.84	0.27
4,879.00	0.90	72.67	4,878.84	1.17	2.11	2.30	0.16
4,973.00	0.80	51.80	4,972.83	1.80	3.33	3.62	0.34
5,068.00	1.44	68.62	5,067.81	2.64	4.96	5.38	0.75
5,163.00	2.62	65.08	5,162.75	3.99	8.04	8.67	1.25
5,258.00	5.14	63.39	5,257.53	6.81	13.82	14.89	2.66
5,352.00	6.89	63.42	5,351.01	11.22	22.62	24.39	1.86
5,447.00	6.46	65.51	5,445.36	15.99	32.58	35.09	0.52
5,542.00	6.14	65.51	5,539.79	20.31	42.07	45.24	0.34
5,636.00	5.49	67.15	5,633.30	24.14	50.79	54.54	0.71
5,731.00	6.75	69.60	5,727.76	27.85	60.21	64.51	1.35
5,825.00	6.47	67.40	5,821.14	31.81	70.28	75.16	0.40
5,919.00	6.25	67.98	5,914.56	35.77	79.91	85.38	0.24
6,013.00	5.45	68.64	6,008.07	39.31	88.81	94.81	0.85
6,108.00	4.75	72.53	6,102.69	42.13	96.76	103.16	0.82
6,203.00	4.14	73.89	6,197.40	44.27	103.81	110.49	0.65
6,298.00	3.67	72.74	6,292.18	46.12	110.01	116.93	0.50
6,392.00	3.67	75.65	6,385.99	47.76	115.80	122.93	0.20
6,487.00	4.46	81.28	6,480.75	49.07	122.39	129.65	0.93
6,582.00	5.48	79.73	6,575.39	50.44	130.51	137.88	1.08
6,676.00	5.37	76.10	6,668.97	52.30	139.19	146.76	0.38
6,771.00	5.00	70.99	6,763.58	54.71	147.42	155.30	0.62
6,865.00	5.45	64.04	6,857.19	58.00	155.31	163.68	0.83
6,960.00	6.07	69.09	6,951.71	61.77	164.06	173.00	0.84
7,054.00	5.90	65.37	7,045.20	65.56	173.09	182.60	0.45
7,149.00	5.38	65.59	7,139.74	69.43	181.59	191.69	0.55
7,244.00	5.28	69.16	7,234.33	72.83	189.73	200.34	0.36
7,339.00	4.95	68.76	7,328.95	75.87	197.63	208.69	0.35
7,407.00	5.69	67.91	7,396.66	78.20	203.49	214.89	1.09
7,428.00	6.08	68.85	7,417.55	78.99	205.49	217.01	1.91
7,523.00	5.72	70.90	7,512.05	82.36	214.66	226.66	0.44
7,618.00	6.38	83.97	7,606.52	84.46	224.38	236.61	1.60
7,713.00	4.54	84.60	7,701.09	85.37	233.38	245.60	1.94
7,808.00	6.97	87.20	7,795.60	86.00	242.88	255.05	2.57
7,903.00	5.41	87.04	7,890.04	86.52	253.11	265.18	1.64
7,998.00	5.01	87.89	7,984.65	86.90	261.73	273.70	0.43
8,092.00	6.34	90.92	8,078.19	86.97	271.02	282.83	1.45
8,187.00	6.29	92.20	8,172.61	86.68	281.46	293.01	0.16
8,282.00	4.75	92.19	8,267.17	86.33	290.59	301.90	1.62
8,378.00	5.06	82.07	8,362.82	86.77	298.76	309.99	0.96
8,473.00	4.08	85.06	8,457.51	87.64	306.28	317.53	1.06
8,568.00	3.55	97.22	8,552.31	87.56	312.56	323.67	1.02
8,663.00	3.76	99.75	8,647.11	86.66	318.55	329.37	0.28
8,755.00	3.11	97.43	8,738.95	85.83	324.00	334.55	0.72
8,850.00	2.47	100.80	8,833.83	85.11	328.56	338.88	0.70
8,945.00	2.08	98.07	8,928.76	84.48	332.28	342.40	0.43
9,039.00	2.35	101.13	9,022.69	83.87	335.86	345.79	0.31
9,136.00	2.42	90.45	9,119.60	83.47	339.86	349.64	0.46
9,231.00	2.82	98.79	9,214.51	83.10	344.17	353.79	0.58
9,326.00	3.03	83.90	9,309.38	83.01	348.98	358.49	0.83



Design Report for RU 19D-24 - Final MWD Surveys

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)
9,420.00	3.41	77.35	9,403.24	83.89	354.18	363.76	0.56
9,515.00	2.48	89.73	9,498.11	84.51	358.99	368.60	1.18
9,610.00	1.71	110.08	9,593.05	84.04	362.38	371.83	1.12
9,705.00	1.31	122.11	9,688.01	82.97	364.63	373.82	0.54
9,800.00	1.64	129.43	9,782.98	81.53	366.60	375.47	0.40
9,895.00	2.01	149.98	9,877.93	79.23	368.48	376.87	0.79
9,990.00	1.97	144.98	9,972.88	76.45	370.25	378.06	0.19
10,085.00	2.18	110.44	10,067.82	74.48	372.88	380.25	1.31
10,180.00	1.56	114.21	10,162.77	73.32	375.75	382.84	0.67
10,275.00	1.38	100.67	10,257.74	72.57	378.06	384.95	0.41
10,363.00	1.57	103.95	10,345.71	72.09	380.27	387.02	0.24
10,464.00	1.86	119.46	10,446.66	70.95	383.04	389.51	0.54
10,559.00	1.81	119.19	10,541.61	69.46	385.69	391.82	0.05
10,653.00	1.74	120.34	10,635.57	68.01	388.22	394.01	0.08
10,747.00	1.74	121.37	10,729.53	66.55	390.67	396.13	0.03
10,842.00	1.77	119.60	10,824.48	65.07	393.18	398.30	0.07
10,937.00	1.75	117.67	10,919.44	63.68	395.74	400.53	0.07
11,032.00	1.70	118.50	11,014.39	62.33	398.26	402.74	0.06
11,126.00	1.72	117.96	11,108.35	61.00	400.73	404.90	0.03
11,221.00	1.64	123.92	11,203.31	59.58	403.12	406.96	0.20
11,316.00	1.62	126.29	11,298.27	58.02	405.33	408.83	0.07
11,411.00	1.53	136.53	11,393.24	56.31	407.28	410.41	0.31
11,506.00	1.49	140.56	11,488.20	54.43	408.94	411.66	0.12
11,601.00	1.31	149.72	11,583.18	52.54	410.27	412.60	0.30
11,695.00	1.52	151.18	11,677.15	50.52	411.42	413.32	0.23
11,790.00	1.26	148.66	11,772.12	48.53	412.57	414.06	0.28
11,885.00	1.28	149.21	11,867.10	46.72	413.65	414.77	0.02
11,980.00	1.34	154.33	11,962.07	44.81	414.68	415.39	0.14
12,075.00	1.38	149.41	12,057.04	42.82	415.74	416.05	0.13
12,170.00	1.48	165.57	12,152.01	40.65	416.63	416.49	0.44
12,265.00	1.65	176.66	12,246.98	38.10	417.01	416.37	0.36
12,360.00	1.65	171.66	12,341.94	35.38	417.29	416.10	0.15
12,455.00	1.82	174.61	12,436.90	32.52	417.63	415.88	0.20
12,550.00	1.79	177.97	12,531.85	29.54	417.83	415.48	0.12
12,644.00	1.82	179.79	12,625.80	26.58	417.88	414.95	0.07
12,739.00	1.93	178.55	12,720.75	23.47	417.93	414.39	0.12
12,834.00	2.23	179.72	12,815.69	20.02	417.98	413.76	0.32
12,929.00	2.46	174.42	12,910.61	16.15	418.19	413.20	0.33
13,023.00	2.09	171.24	13,004.54	12.44	418.64	412.92	0.42
13,118.00	1.75	162.09	13,099.48	9.35	419.35	413.01	0.48
13,213.00	1.79	174.87	13,194.44	6.49	419.93	413.01	0.42
13,308.00	2.09	176.62	13,289.38	3.29	420.17	412.61	0.32
13,403.00	2.47	175.60	13,384.31	-0.48	420.43	412.13	0.40
13,498.00	2.59	176.66	13,479.21	-4.67	420.71	411.58	0.14
13,592.00	2.71	179.30	13,573.11	-9.01	420.86	410.88	0.18
13,688.00	3.00	179.77	13,649.02	-12.80	420.89	410.16	0.38
13,688.00	3.00	179.77	13,668.99	-13.84	420.89	409.96	0.00
Last Sperry MWD Survey @ 13688.00' MD							
13,727.00	3.00	179.77	13,707.94	-15.88	420.90	409.57	0.00
Straight Line Projection to TD @ 13727.00' MD							



Design Report for RU 19D-24 - Final MWD Surveys

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
218.00	218.00	-0.22	-0.38	First Sperry MWD Survey @ 218.00' MD
13,688.00	13,668.99	-13.84	420.89	Last Sperry MWD Survey @ 13688.00' MD
13,727.00	13,707.94	-15.88	420.90	Straight Line Projection to TD @ 13727.00' MD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/-S (usft)	Origin +E/-W (usft)	Start TVD (usft)
Target	RU 19D-24_BHL Tgt	78.66	Slot	0.00	0.00	0.00

Survey tool program

From (usft)	To (usft)	Survey/Plan	Survey Tool
218.00	13,727.00	Sperry MWD Surveys	MWD

Wellbore Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
RU 19D-24_SHL - hit/miss target - Shape	0.00	0.00	0.00	0.00	0.00	750,707.05	2,440,283.61	40° 23' 1.359 N	109° 55' 10.070 W
- actual wellpath hits target center - Point									
RU 19D-24_ZONE Tgt	0.00	0.00	9,556.00	80.16	399.78	750,794.26	2,440,681.89	40° 23' 2.152 N	109° 55' 4.904 W
- actual wellpath misses target center by 38.76usft at 9574.33usft MD (9557.39 TVD, 84.33 N, 361.28 E) - Rectangle (sides W200.00 H200.00 D3,744.00)									
RU 19D-24_BHL Tgt	0.00	0.00	13,700.00	80.16	399.78	750,794.26	2,440,681.89	40° 23' 2.152 N	109° 55' 4.904 W
- actual wellpath misses target center by 97.80usft at 13714.04usft MD (13695.00 TVD, -15.21 N, 420.90 E) - Point									

Directional Difficulty Index

Average Dogleg over Survey:	0.46 °/100usft	Maximum Dogleg over Survey:	2.66 °/100usft at 5,258.00 usft
Net Tortosity applicable to Plans:	0.37 °/100usft	Directional Difficulty Index:	4.529

Audit Info

North Reference Sheet for Sec. 19-T1S-R1E - RU 19D-24 - Plan A

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference.

Vertical Depths are relative to RKB 22' @ 5500.00usft (Nabors M22). Northing and Easting are relative to RU 19D-24

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866

Projection method is Lambert Conformal Conic (2 parallel)

Central Meridian is 111° 30' 0.000 W°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:40° 39' 0.000 N°

False Easting: 2,000,000.00usft, False Northing: 0.00usft, Scale Reduction: 0.99994462

Grid Coordinates of Well: 750,707.05 usft N, 2,440,283.61 usft E

Geographical Coordinates of Well: 40° 23' 01.36" N, 109° 55' 10.07" W

Grid Convergence at Surface is: 1.01°

Based upon Minimum Curvature type calculations, at a Measured Depth of 13,727.00usft the Bottom Hole Displacement is 421.20usft in the Direction of 92.16° (True).

Magnetic Convergence at surface is: -10.11° (12 July 2013 , BGGM2013)

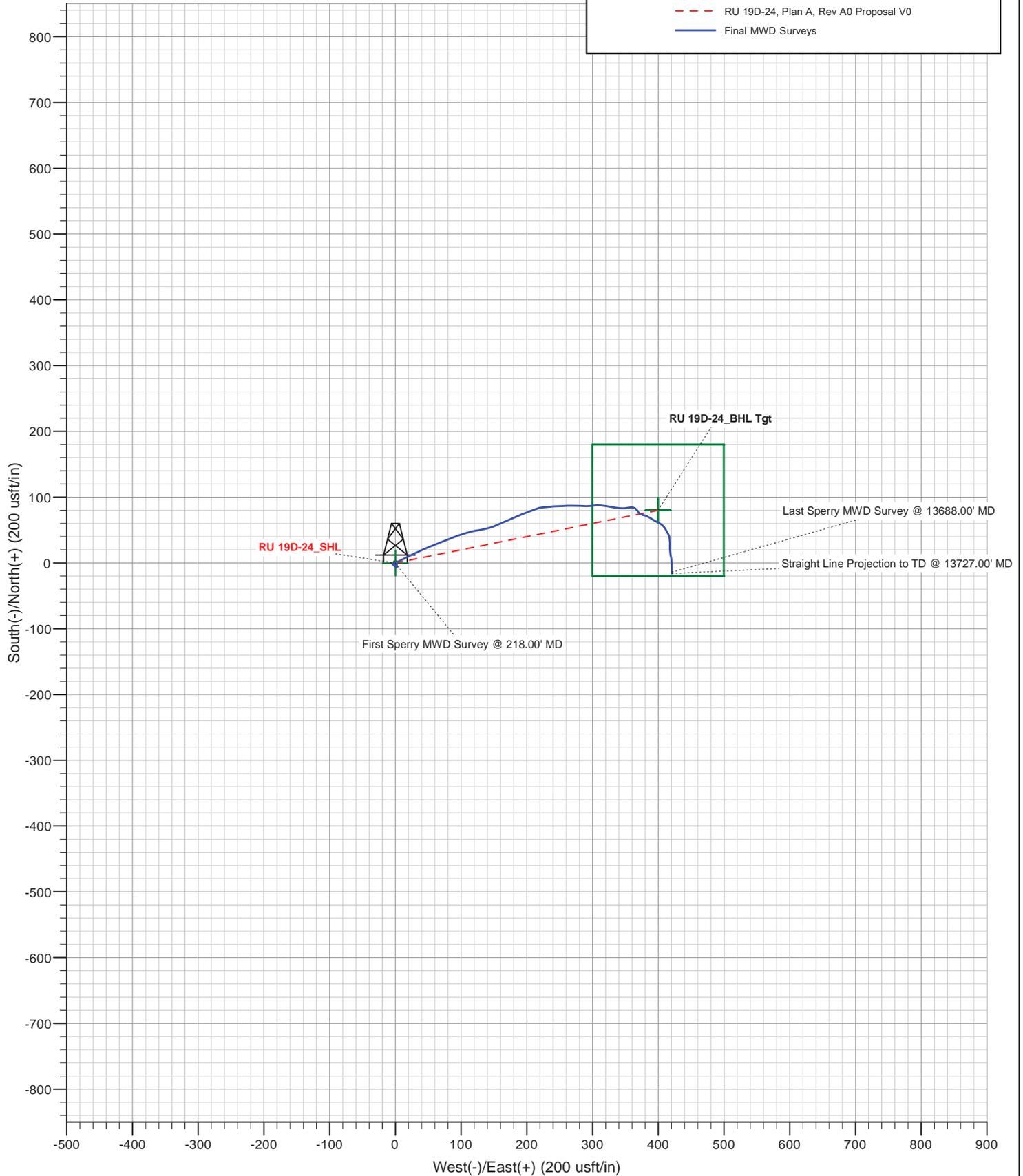
Magnetic Model: BGGM2013
 Date: 12-Jul-13
 Declination: 11.12°
 Inclination/Dip: 66.03°
 Field Strength: 52192

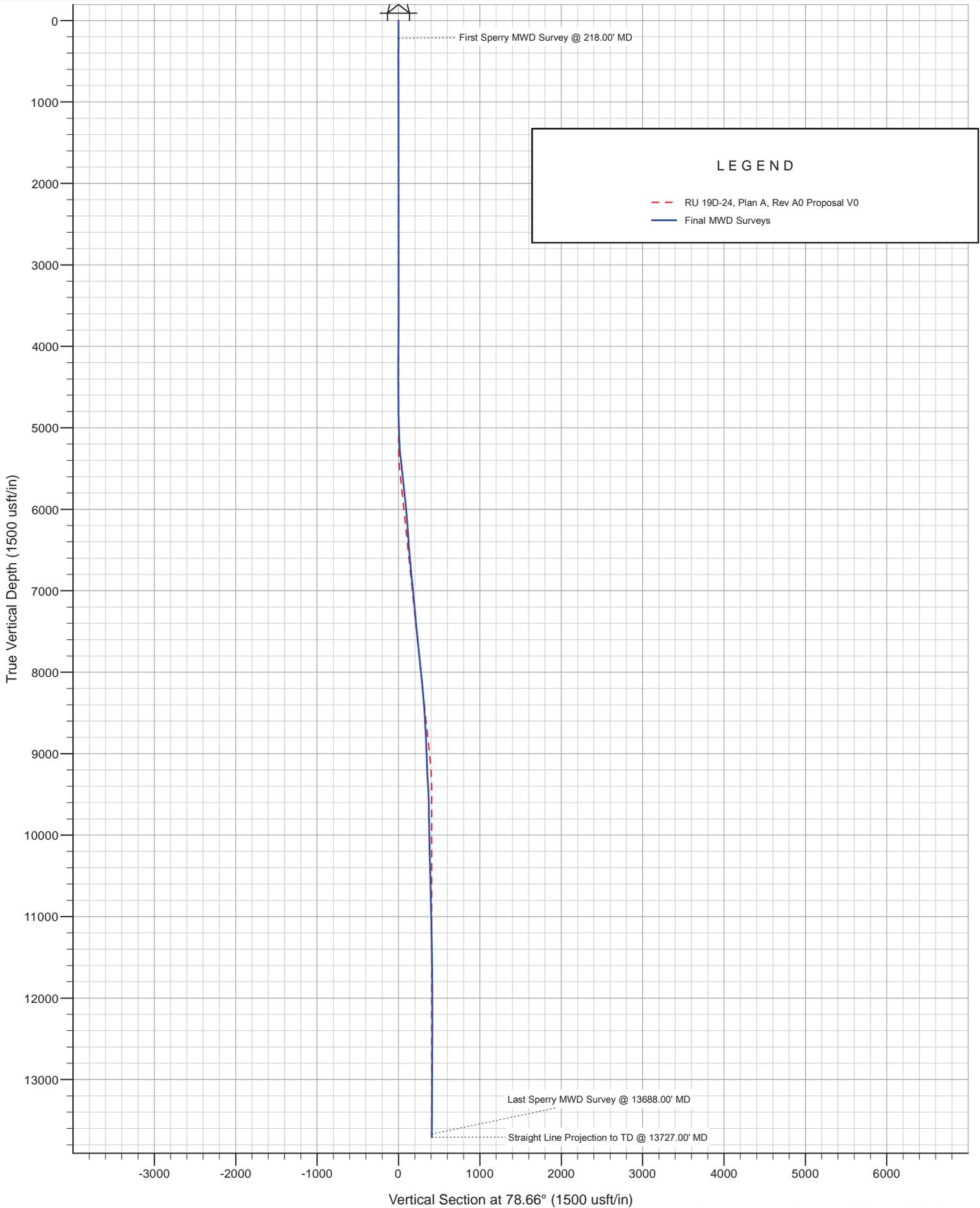
Grid North is 1.01° East of True North (Grid Convergence)
 Magnetic North is 11.12° East of True North (Magnetic Declination)
 Magnetic North is 10.11° East of Grid North (Magnetic Convergence)

To convert a True Direction to a Grid Direction, Subtract 1.01°
 To convert a Magnetic Direction to a True Direction, Add 11.12° East
 To convert a Magnetic Direction to a Grid Direction, Add 10.11°

LEGEND

- RU 19D-24, Plan A, Rev A0 Proposal V0
- Final MWD Surveys





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: ROOSEVELT
2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC		8. WELL NAME and NUMBER: RU 19D-24
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047530010000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 1060 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 01.0S Range: 01.0E Meridian: U		9. FIELD and POOL or WILDCAT: BLUEBELL
		COUNTY: UINTAH
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/8/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input 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 checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

BBC is submitting this sundry as further follow up to the status of this pit closure. Due to inclement weather conditions, BBC will continue with pit closure in the summer, when more favorable weather conditions allow. At that time, once the pit contents are stabilized/dried, BBC will then test the material and determine if surface spreading or disposal is the best option. A follow up sundry will be submitted to confirm the method chosen.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: January 09, 2014

By: 

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 1/8/2014	

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: ROOSEVELT
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: RU 19D-24	
2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC	9. API NUMBER: 43047530010000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8128 Ext	9. FIELD and POOL or WILDCAT: BLUEBELL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 1060 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 01.0S Range: 01.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/5/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <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.		
This sundry is being submitted to request approval to reperforate the Middle/Upper Wasatch formations. Rig is scheduled to be available 8/5/2014. Additional details for the recompletion of this well are attached.		Approved by the July 31, 2014 Oil, Gas and Mining Date: _____ By: <u>DeKQ</u>
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 7/30/2014	



**ROOSEVELT UNIT 19D-24
RECOMPLETE PROCEDURES**

Section 19-T1S-R1E

API # 43-047-53001

July 29th, 2014

AFE #18380R

OBJECTIVE

This is a up hole completion of a well that is currently producing. Pull existing rods and tubing, set 5 1/2" CIBP above existing perforations, and prepare wellbore for a Wasatch recomplete. Perforate and frac Middle/Upper Wasatch per the procedure below. Drill out CBP's run tubing and return well to production.

MATERIAL NEEDS:

Fresh Water: 22,000 BBL's

Sand: 890,000 pounds 20/40 SLC and 120,000 pounds 100 Mesh, to be supplied by Service Company

COMPLETION PROCEDURE

1. **Safety is the highest priority.** Hold wellsite safety meetings each morning and prior to each significant operation. Review critical parameters and objectives as well as emergency action plans.
2. Hold and document pre-activity meeting, determine location of necessary equipment and rig up of same, be sure all necessary contractors are present and agree as to the layout of location.
3. Spot necessary tanks and flowback equipment to perform the work outlined below and accommodate the materials listed above.
4. Pressure test flowback iron.
5. MIRU workover rig to pull and lay down rods and tubing.
6. Flush well with 2% KCL 400 BBL's heated fresh water using workover rig pump.
7. RDMO workover rig and associated equipment.

8. MIRU WL unit and lubricator.
9. RIH with gage ring to 12,191'.
10. RIH with 5 1/2" CIBP set at 12,191' MD.
11. ND production tree and NU frac tree.
12. Pressure test casing and CIBP to 4,500 psi, hold for 15 minutes, monitor and record bleed off.
13. Perforate Stage 5 of Wasatch per perforation design.
14. MIRU & spot Frac equipment.
15. Pressures test all lines to 10,000 psi.
16. Fracture stimulate interval #5 per designs.
17. PU & RIH with 5 1/2" CFP and perforating guns.
18. Set CFP @ 11,814'.
19. Perforate Stage 6 of Wasatch per perforation design.
20. Fracture stimulate interval #6 per design.
21. PU & RIH with 5 1/2" CFP and perforating guns.
22. Set CFP @ 11,487'.
23. Perforate Stage 7 of Wasatch per perforation design.
24. Fracture stimulate interval #7 per design.
25. PU & RIH with 5 1/2" CFP and perforating guns.
26. Set 5 1/2" CFP @ 11,098'.
27. Perforate Stage 8 of Wasatch per perforation design.
28. Fracture stimulate interval #8 per design.
29. PU & RIH with 5 1/2" CFP and perforating guns.
30. Set 5 1/2" CFP @ 10,727'.
31. Perforate Stage 9 of Wasatch per perforation design.

32. Fracture stimulate interval #9 per design.
33. PU & RIH with 5 1/2" CFP and perforating guns.
34. Set 5 1/2" CFP @ 10,337'.
35. Perforate Stage 10 of Wasatch per perforation design.
36. Fracture stimulate interval #10 per design.
37. RD Halliburton frac equipment, clear location of all unnecessary personnel and equipment.
38. Open well to flowback equipment.

CASING DATA

STRING	SIZE	WEIGHT	GRADE	THREAD	DEPTH
Surface	9 5/8"	36.0#	J-55	ST&C	3,519'
Production	5 1/2"	20.0#	P-110	LT&C	Surface-13,710'

PRESSURE AND DIMENSIONAL DATA

SIZE	WEIGHT	GRADE	BURST	COLLAPSE	DRIFT
5 1/2"	20.0#	P-110	12,640 psi	11,080 psi	4.653"

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
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2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC		8. WELL NAME and NUMBER: RU 19D-24	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047530010000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 1060 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 01.0S Range: 01.0E Meridian: U		9. FIELD and POOL or WILDCAT: BLUEBELL	
		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/26/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<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 checked="" 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.			
Recompletion of the Middle/Upper Wasatch. Top perforation is 10,053 bottom perforation is 12,159, 267 holes. Attached please find treatment.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 26, 2014			
NAME (PLEASE PRINT) Christina Hirtler		PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A		DATE 9/26/2014	

Roosevelt Unit 19D-24 Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>Bbls Slurry</u>	<u>lbs Common White 100 Mesh Sand</u>	<u>lbs 20/40 VersaProp</u>	<u>gal 15% HCl Acid</u>
5	3618	20,000	150,000	4,400
6	3521	20,000	150,000	3,900
7	3563	20,000	150,000	3,900
8	3552	20,000	150,000	3,900
9	3463	20,000	150,000	3,900
10	3417	20,660	153,980	3,400

*Depth intervals for frac information same as perforation record intervals.

**RU 19D-24 7/31/2014 06:00 - 8/1/2014 06:00**

API 43-047-53001	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.50	14:30	GOP	General Operations	WELL PUMPING AS WAIT ON RIG.
14:30	1.50	16:00	SRIG	Rig Up/Down	SLIDE ROTO OUT. RUSU. HEAT CSG.
16:00	1.00	17:00	HOIL	Hot Oil Well	UNSEAT PUMP. FLUSH RODS W/ 60 BBLs HOT WTR.
17:00	1.50	18:30	PURP	Pull Rod Pump	POOH AS LD 130) 1" AND 75) 7/8". SDFN
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.

RU 19D-24 8/1/2014 06:00 - 8/2/2014 06:00

API 43-047-53001	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM.
07:00	3.00	10:00	PURP	Pull Rod Pump	CONT POOH AS LD RODS AND PUMP.
10:00	1.50	11:30	BOPI	Install BOP's	X-O FOR TBG. ND WH. PULL HANGER. 5-1/2" 1/4 SET TAC NOT SET. NU BOP. RU FLOOR.
11:30	5.50	17:00	PULT	Pull Tubing	POOH AS SB 300-JTS TBG. CONT POOH AS LD 64-JTS TBG AND PROD BHA.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.

RU 19D-24 8/4/2014 06:00 - 8/5/2014 06:00

API 43-047-53001	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM. PUMP 200 BBLs HOT WTR DOWN CSG.
07:00	5.00	12:00	WLWK	Wireline	MIRU PERFORATORS. RIH W/ 5-1/2" CIBP AND SETTING TOOL. CORREATE TO HES RMT/CBL DATED 8/13/13, AND SJ AT 10,653'. SET CIBP AT 12,192'. RIH W/ DUMP BAILER. TAG AND PU. DUMP 2 SX CMT ON CIBP. EST TOC AT 12,176'. RDMO EWL.
12:00	3.00	15:00	RUTB	Run Tubing	RIH W/ 300-JTS TBG. EOT AT 9789'. SECURE WELL.
15:00	15.00	06:00	HOIL	Hot Oil Well	CREW TRAVEL. HOT OILER - PUMP 113 BBLs TO FILL HOLE. CIRC W/ 350-BBLs HOT WTR. SDFN

RU 19D-24 8/5/2014 06:00 - 8/6/2014 06:00

API 43-047-53001	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	PTST	Pressure Test	CIRC WELL WITH 150 BBLs HOT WTR. PRES TEST TO 2500 PSI. CREW TRAVEL.
08:00	4.00	12:00	PULT	Pull Tubing	POOH AS LD 300-JTS 2-7/8" L-80 TBG.
12:00	1.00	13:00	GOP	General Operations	RD FLOOR. X-O FOR ROD EQUIP. FILL CSG.
13:00	1.50	14:30	SRIG	Rig Up/Down	RDSU. ND BOP. SET FRAC VALVE ON. NU 7" 10K FRAC VALVES. PRES TEST CSG TO 5500 PSI.
14:30	2.50	17:00	RMOV	Rig Move	ROAD RIG TO 7-32-2-2. (SPOT AND RUSU. UNHANG HEAD. SDFN)

RU 19D-24 8/20/2014 06:00 - 8/21/2014 06:00

API 43-047-53001	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HEAT FRAC LINE

RU 19D-24 8/21/2014 06:00 - 8/22/2014 06:00

API 43-047-53001	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL.HSM.
07:00	1.50	08:30	SRIG	Rig Up/Down	MIRU CASED HOLE SOLUTIONS WITH 5" 10K LUBE.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
08:30	2.00	10:30	PFRT	Perforating	PU PERF GUNS FOR STG 5. OPEN WITH 50 PSI. RIH AND CORRELATE TO SJ AT 8827'-8849' & 10653'-10672'. RUN DOWN & PERF 11860'-12157' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND SECURE WELL.
10:30	19.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE.

RU 19D-24 8/23/2014 06:00 - 8/24/2014 06:00

API 43-047-53001	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Recompletion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	SMTG	Safety Meeting	AOL 04:30. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM-SMOKING, RED ZONE, PPE, PERF GUNS, MUSTER AREA. 17K HHP RIGGED UP AND PUMPING.
07:00	1.92	08:55	FRAC	Frac. Job	FRAC STG 5 PRESSURE TEST LINES TO 9600 PSI. OPEN WELL W/ 0 PSI AT 7:00 AM BREAK DOWN 4013 PSI AT 10 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10 BPM AT 3350 PSI. FLUSH W/ 11046 GAL. 30.8 BPM AT 6050 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 10 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.5 BPM AT 7570 PSI. ISDP 5391 . FG .89. PERFS OPEN 35/45 (CAME OFF LINE TO FIX LA PUMP FOR CL-31 DOWN FOR 30MINS. BURNED UP STATOR ON LA PUMP) ISIP 5742 , FG .92, MR 69.6 BPM, AR 66.6 BPM, MP 8388 PSI, AP 7256 PSI 100 MESH 20,000 lbs. 0.5 ppg 20/40 SLC 150,000 lbs 0.5,1.0, 2.15-3.5 RAMP ppg SLK WTR 1990 BBL, 25# HYBOR G (20) 1524 BBL, BTR 3618 BBLS (STAGE SCORE 7) SHUT IN AND TURN OVER TO CASEHOLE.
08:55	1.92	10:50	PFRT	Perforating	PERF STG #6 PU HES CFP 5 1/2" 10K CFP AND GUNS FOR STAGE 6 INTO LUBE AND EQUALIZE 4650 PSI. OPEN WELL AND RIH. CORRELATE TO SHORT JOINTS @ 8827'-8849' & 10653'-10672' . RIH SET 5 1/2" CFP AT 11812' WITH 3750 PSI. PULL UP AND PERF WASATCH 11518'-11794' WITH 42 HOLES IN 14' NET. ENDING PRESSURE 4010 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND TURN WELL OVER TO HES.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
10:50	4.00	14:50	FRAC	Frac. Job	<p>FRAC STG 6 PRESSURE TEST LINES TO 9600 PSI. OPEN WELL W/ 3890 PSI AT 11:00 AM BREAK DOWN 3184 PSI AT 9.4 BPM. PMP 3400 GAL 15% HCL ACID W/ 84 BIO BALLS FOR DIVERSION. 9.9 BPM AT 4470 PSI. FLUSH W/ 10728 GAL. 29.7 BPM AT 5125 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL.</p> <p>STAGE FR PAD. STABLE RATE OF 56.4 BPM AT 6324 PSI. ISDP 4720 . FG .84. PERFS OPEN 31/42</p> <p>(SHUT DOWN TO FIX PUMPS, LOST PACKING ON PANTHER, LOST POWEREND ON 73 GRIZZLY, HAD TO REPLACE RELAY SWITCH ON 83 GRIZZLY, 96 GRIZZLY WOULD NOT START AFTER PUMP MAINTENANCE BAD HYDRALIC VALVE GOT IT UP AND RUNNING AND THE END OF STG 6, HAD TO WAIT FOR 82 GRIZZLY TO GET TO LOC TO HAVE ADEQUATE HHP. PUMPED ZONE WITH 15K HHP WITH 4K HHP BROKE DOWN.)</p> <p>ISIP 4857 , FG .85, MR 71.2 BPM, AR 66.1 BPM, MP 7426 PSI, AP 6088 PSI 100 MESH 20,000 lbs. 0.5 ppg 20/40 SLC 150,000 lbs 0.5, 1.15-3.5 RAMP, 3.5 ppg SLK WTR 1831 BBL, 22# HYBOR G (18) 1596 BBL, BTR 3521 BBLs</p> <p>(STAGE SCORE 5)</p> <p>SHUT IN AND TURN OVER TO CASED HOLE.</p>
14:50	1.75	16:35	PFRT	Perforating	<p>PERF STG #7- PU HES CFP 5 1/2" 10K CFP AND GUNS FOR STAGE 7 INTO LUBE AND EQUALIZE 4550 PSI. OPEN WELL AND RIH. CORRELATE TO SHORT JOINTS @ 8827'-8849' & 10653'-10672'. RIH SET 5 1/2" CFP AT 11487' WITH 4350 PSI. PULL UP AND PERF WASATCH 11113'-11467' WITH 45 HOLES IN 15' NET. ENDING PRESSURE 4200 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND TURN WELL OVER TO HES.</p>
16:35	1.67	18:15	FRAC	Frac. Job	<p>FRAC STG 7 PRESSURE TEST LINES TO 9650 PSI. OPEN WELL W/ 4140 PSI AT BREAK DOWN 4544 PSI AT 9.4 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 9.9 BPM AT 4315 PSI. FLUSH W/ 10351 GAL. 30 BPM AT 5100 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL.</p> <p>STAGE FR PAD. STABLE RATE OF 70.1 BPM AT 6606 PSI. ISDP 3938 . FG .79. PERFS OPEN 22/45</p> <p>ISIP 4491 , FG .84, MR 70.5 BPM, AR 69.7 BPM, MP 6759 PSI, AP 5664 PSI 100 MESH 20,000 lbs. 0.5 ppg 20/40 SLC 150,000 lbs 1.0, 2.15-3.5 RAMP, 3.5 ppg SLK WTR 1849 BBL, 22# HYBOR G (18) 1621 BBL, BTR 3563 BBLs</p> <p>(STAGE SCORE 9)</p> <p>SHUT IN AND TURN OVER TO CASED HOLE.</p>
18:15	1.50	19:45	PFRT	Perforating	<p>PERF STG #8- PU HES CFP 5 1/2" 10K CFP AND GUNS FOR STAGE 8 INTO LUBE AND EQUALIZE 4350 PSI. OPEN WELL AND RIH. CORRELATE TO SHORT JOINTS @ 8827'-8849' & 10653'-10672'. RIH SET 5 1/2" CFP AT 11098' WITH 4200 PSI. PULL UP AND PERF WASATCH 10748'-11078' WITH 45 HOLES IN 15' NET. ENDING PRESSURE 4100 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND TURN WELL OVER TO HES.</p>
19:45	10.24	06:00	LOCL	Lock Wellhead & Secure	LOCK AND SECURE WELL FOR NIGHT. LEAVE WELL SHUT IN.

RU 19D-24 8/24/2014 06:00 - 8/25/2014 06:00

API 43-047-53001	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Recompletion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.34	06:20	SMTG	Safety Meeting	AOL 04:30. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM-SMOKING, RED ZONE, PPE, PERF GUNS, MUSTER AREA. 17K HHP RIGGED UP AND PUMPING.
06:20	1.33	07:40	FRAC	Frac. Job	FRAC STG 8 PRESSURE TEST LINES TO 9600 PSI. OPEN WELL W/ 3911 PSI AT 6:15 AM BREAK DOWN 4293 PSI AT 9.3 BPM. PMP 3400 GAL 15% HCL ACID W/ 84 BIO BALLS FOR DIVERSION. 10 BPM AT 4020 PSI. FLUSH W/ 10011 GAL. 33 BPM AT 4740 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.7 BPM AT 6150 PSI. ISDP 4236 . FG .83. PERFS OPEN 32/45 ISIP 4226 , FG .83, MR 74.1 BPM, AR 71.1 BPM, MP 7114 PSI, AP 5429 PSI 100 MESH 20,000 lbs. 0.5 ppg 20/40 SLC 150,500 lbs1.0, 2.15-3.5 RAMP ppg SLK WTR 1824 BBL, 22# HYBOR G (18) 1636 BBL, BTR 3552 BBLS (STAGE SCORE 9.5) SHUT IN AND TURN OVER TO CASEHOLE.
07:40	10.84	18:30	PFRT	Perforating	PERF STG #9 PU HES CFP 5 1/2" 10K CFP AND GUNS FOR STAGE 9 INTO LUBE AND EQUALIZE 3950 PSI. OPEN WELL AND RIH. CORRELATE TO SHORT JOINTS @ 8827'-8849' & 10653'-10672' RIH SET 5 1/2" CFP AT 10727' WITH 3750 PSI. PULL UP TO PERF BTM GUN WENT THEN SKIPPED THE NEXT 8 GUNS AND THE TOP 6 GUNS FIRED. DID NOT RELIZE GUNS SHOT OUT OF ORDER UNTIL GUNS MADE IT TO SURFACE. POOH BUMP UP INTO LUBRICATOR CASED HOLE WENT TO SHUT WELL IN GOT 2 TURNS ON WELL HEAD WHEN CRANE OPERATORE PULLED WIRELINE OUT OF ROPE SOCKET. BROUGH OVER SHOT TO LOC RIH GRABED A HOLD OF FISH POOH WITH FISH ON. LAY FISH DOWN PICK UP 14 GUNS RUN IN HOLE HAD ANOTHER MISRUN POOH LAY GUNS DOWN BUILD 2 NEW GUN STRINGS TONIGHT IN CASED HOLE SHOP. WILL RESUMER OPS @ 6AM SDFN
18:30	11.49	06:00	LOCL	Lock Wellhead & Secure	LOCK AND SECURE WELL. SDFN

RU 19D-24 8/25/2014 06:00 - 8/26/2014 06:00

API 43-047-53001	State/Province UT	County Uintah	Field Name Bluebell	Well Status PRODUCING	Total Depth (ftKB) 13,727.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.34	06:20	SMTG	Safety Meeting	AOL 04:30. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM-SMOKING, RED ZONE, PPE, PERF GUNS, MUSTER AREA. 17K HHP RIGGED UP AND PUMPING.
06:20	1.40	07:44	PFRT	Perforating	FINISH PERFING STG #9 PU HES CFP 5 1/2" 10K CFP AND GUNS FOR STAGE 6 INTO LUBE AND EQUALIZE 3150 PSI. OPEN WELL AND RIH. CORRELATE TO SHORT JOINTS @ 8827'-8849'. PULL UP AND PERF WASATCH 10353'-10708' WITH 48 HOLES IN 16' NET. ENDING PRESSURE 3050 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND TURN WELL OVER TO HES.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
07:44	1.26	09:00	FRAC	Frac. Job	<p>FRAC STG 9 PRESSURE TEST LINES TO 9700 PSI. OPEN WELL W/ 3040 PSI AT 7:45 AM BREAK DOWN 3355 PSI AT 10 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10 BPM AT 3335 PSI. FLUSH W/ 9643 GAL. 33 BPM AT 4250 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL.</p> <p>STAGE FR PAD. STABLE RATE OF 70.1 BPM AT 6227 PSI. ISDP 3694 . FG .79. PERFS OPEN 24/48</p> <p>ISIP 3982 , FG .82, MR 72.2 BPM, AR 69.9 BPM, MP 5976 PSI, AP 5002 PSI 100 MESH 20,000 lbs. 0.5 ppg 20/40 SLC 150,000 lbs 0.5, 1.15-3.5 RAMP, 3.5 ppg SLK WTR 1768 BBL, 22# HYBOR G (18) 1603 BBL, BTR 3463 BBLS</p> <p>(STAGE SCORE 9.5)</p> <p>SHUT IN AND TURN OVER TO CASEHOLE.</p>
09:00	7.75	16:45	PFRT	Perforating	<p>PERF STG #10 PU HES CFP 5 1/2" 10K CFP AND GUNS FOR STAGE 10 INTO LUBE AND EQUALIZE 3450 PSI. OPEN WELL AND RIH. CORRELATE TO SHORT JOINTS @ 8827'-8849'. RIH SET 5 1/2" CFP AT 10337' WITH 3350 PSI. UNABLE TO GET OFF PLUG. WORK GUNS FOR 1 1/2HRS SURGED WELL PSI UP ON GUNS STILL UNABLE TO GET OFF PLUG. CONFIRMED WITH DENVER PULL OF TO 3200LBS ON WIRELINE AND SHOT BTM GUN @ 10324' STILL UNABLE TO GET FREE. WORKED GUNS UP TO 3800LBS PULL OUT OF ROPE SOCKET. PULL OUT OF HOLE REHEAD WAIT FOR NEW GUN STRING TO GET TO LOC. RIH PULL UP AND PERF WASATCH 10053'-10275' WITH 39 HOLES IN 13' NET. ENDING PRESSURE 2850 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND TURN WELL OVER TO HES.</p>
16:45	1.25	18:00	FRAC	Frac. Job	<p>FRAC STG 10 PRESSURE TEST LINES TO 9600 PSI. OPEN WELL W/ 2830 PSI AT 16:50 BREAK DOWN 3418 PSI AT 9.6 BPM. PMP 3400 GAL 15% HCL ACID W/ 84 BIO BALLS FOR DIVERSION. 10 BPM AT 3120 PSI. FLUSH W/ 9363 GAL. 34 BPM AT 3980 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL.</p> <p>STAGE FR PAD. STABLE RATE OF 70.7 BPM AT 4856 PSI. ISDP 3443 . FG .78. PERFS OPEN 34/39</p> <p>ISIP 3688 , FG .80, MR 73.4 BPM, AR 71.9 BPM, MP 5262 PSI, AP 4665 PSI 100 MESH 20,660 lbs. 0.5 ppg 20/40 SLC 153,980 lbs 0.5, 1.15-3.5 RAMP, 3.5 ppg SLK WTR 1782 BBL, 20# HYBOR G (16) 1543 BBL, BTR 3417 BBLS</p> <p>(STAGE SCORE 9.5)</p> <p>LOCK & SECURE WELL RDMO</p>
18:00	2.50	20:30	SRIG	Rig Up/Down	RDMO CASED HOLE & HES.
20:30	9.50	06:00	LOCL	Lock Wellhead & Secure	OPEN UP @ 19:00 ON A 16/64 CHOKE WITH 3000 PSI

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:
1. TYPE OF WELL Oil Well	7. UNIT or CA AGREEMENT NAME: ROOSEVELT
2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC	8. WELL NAME and NUMBER: RU 19D-24
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	9. API NUMBER: 43047530010000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 1060 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 01.0S Range: 01.0E Meridian: U	9. FIELD and POOL or WILDCAT: BLUEBELL
	COUNTY: UINTAH
	STATE: UTAH

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

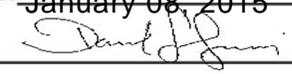
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/1/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input 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 checked="" 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.

Elk is submitting this sundry as further follow up to the status of this pit closure. Due to the limited availability of specialized tanks/trucks needed to haul the mud/cuttings and with potential winter weather delays, the closure of this pit will require additional time and upon completion, Elk will submit a sundry with closure date.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: January 08, 2015

By: 

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 11/3/2014	

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: ROOSEVELT
2. NAME OF OPERATOR: ELK PRODUCTION UINTAH, LLC		8. WELL NAME and NUMBER: RU 19D-24
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047530010000
PHONE NUMBER: 303 312-8128 Ext		9. FIELD and POOL or WILDCAT: BLUEBELL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 1060 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 01.0S Range: 01.0E Meridian: U		COUNTY: UINTAH
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/24/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

INTERIM RECLAMATION WAS COMPLETED ON 12/24/2014 AND THE PIT
WAS CLOSED ON 12/22/2014

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 13, 2015**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 1/8/2015	

Effective Date: 1/1/2015

FORMER OPERATOR:	NEW OPERATOR:
Elk Production Uintah, LLC N3770 1099 18th Street, Suite 2300 Denver, CO 80202 303-293-9000	Bill Barrett Corporation N2145 1099 18th Street, Suite 2300 Denver, CO 80202 303-293-9000
CA Number(s):	Unit(s): Roosevelt

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 1/13/2015
2. Sundry or legal documentation was received from the **NEW** operator on: 1/13/2015
3. New operator Division of Corporations Business Number: 5239043-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 1/13/2015
2. Receipt of Acceptance of Drilling Procedures for APD/New on: 1/13/2015
3. Reports current for Production/Disposition & Sundries: 1/16/2015
4. OPS/SI/TA well(s) reviewed for full cost bonding: 1/20/2015
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: None
7. Inspections of PA state/fee well sites complete on (only upon operators request): N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: NA
2. Indian well(s) covered by Bond Number: LPM8874725
3. State/fee well(s) covered by Bond Number(s): LPM4138148

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 1/20/2015
2. Entity Number(s) updated in **OGIS** on: 1/20/2015
3. Unit(s) operator number update in **OGIS** on: 1/20/2015
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 1/20/2015
6. Surface Facilities update in **RBDMS** on: N/A

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/20/2015

COMMENTS:

Elk Production Uintah, LLC N3770 to
 Bill Barrett Corporation N2165
 Effective 1/1/2015

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status	Unit
RU 18-43D	18	010S	010E	4304753886		Fee	Fee	OW	APD	ROOSEVELT
RU 27D-11	27	010S	010E	4304754440		Indian	Fee	OW	APD	ROOSEVELT
RU 21-24	21	010S	010E	4304754441		Indian	Fee	OW	APD	ROOSEVELT
ROOSEVELT U 4	13	010S	010W	4304715549	9300	Fee	Fee	OW	P	ROOSEVELT
ROOSEVELT B2	20	010S	010E	4304731187	9307	Fee	Fee	OW	P	ROOSEVELT
WASATCH 6	20	010S	010E	4304731366	221	Indian	Indian	OW	P	ROOSEVELT
ROOSEVELT A-7	19	010S	010E	4304731402	12560	Fee	Fee	OW	P	ROOSEVELT
ROOSEVELT U 11	21	010S	010E	4304731428	9311	Indian	Fee	OW	P	ROOSEVELT
WASATCH 9	28	010S	010E	4304731445	221	Indian	Indian	OW	P	ROOSEVELT
WASATCH 10	21	010S	010E	4304731446	221	Indian	Fee	OW	P	ROOSEVELT
ROOSEVELT U 5	20	010S	010E	4304731447	13586	Indian	Indian	OW	P	ROOSEVELT
ROOSEVELT C11	18	010S	010E	4304731500	12560	Fee	Fee	OW	P	ROOSEVELT
ROOSEVELT U 18-A1E	27	010S	010E	4304731687	221	Indian	Fee	OW	P	ROOSEVELT
ROOSEVELT U 3-19	19	010S	010E	4304736304	13586	Fee	Fee	OW	P	ROOSEVELT
ROOSEVELT U 4-19	19	010S	010E	4304736599	12560	Fee	Fee	OW	P	ROOSEVELT
ROOSEVELT U 5-19	19	010S	010E	4304736843	12560	Fee	Fee	OW	P	ROOSEVELT
ROOSEVELT U 28-33	28	010S	010E	4304738142	221	Indian	Indian	OW	P	ROOSEVELT
ROOSEVELT U 7-20	20	010S	010E	4304738292	12560	Fee	Fee	OW	P	ROOSEVELT
ROOSEVELT U 20-24	20	010S	010E	4304738329	221	Indian	Indian	OW	P	ROOSEVELT
ROOSEVELT U 21-43	21	010S	010E	4304738873	221	Indian	Indian	OW	P	ROOSEVELT
ROOSEVELT U 28-14	28	010S	010E	4304738882	221	Indian	Indian	OW	P	ROOSEVELT
ROOSEVELT U 29-14	29	010S	010E	4304739923	221	Indian	Indian	OW	P	ROOSEVELT
ROOSEVELT UNIT 20-13	20	010S	010E	4304751501	221	Indian	Indian	OW	P	ROOSEVELT
RU 24-13	24	010S	010W	4304752398	13586	Fee	Fee	OW	P	ROOSEVELT
RU 18-41	18	010S	010E	4304752865	12560	Fee	Fee	OW	P	ROOSEVELT
RU 23-14D	23	010S	010W	4304752990	13586	Fee	Fee	OW	P	ROOSEVELT
RU 13-31D	13	010S	010W	4304753000	13586	Fee	Fee	OW	P	ROOSEVELT
RU 19D-24	19	010S	010E	4304753001	12560	Fee	Fee	OW	P	ROOSEVELT
RU 21-41	21	010S	010E	4304753072	221	Indian	Indian	OW	P	ROOSEVELT
RU 29-13D	29	010S	010E	4304753529	221	Indian	Indian	OW	P	ROOSEVELT
RU 28-22	28	010S	010E	4304753614	221	Indian	Indian	OW	P	ROOSEVELT
UTE 1-19A1E	19	010S	010E	4304730902	1085	Fee	Fee	OW	S	ROOSEVELT
ROOSEVELT U 10	21	010S	010E	4304731429	9309	Indian	Indian	OW	S	ROOSEVELT
ROOSEVELT U 15-A1E	28	010S	010E	4304731696	10506	Fee	Fee	OW	S	ROOSEVELT
MARY R. U. 278	13	010S	010W	4304731845	12560	Fee	Fee	OW	S	ROOSEVELT

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

RECEIVED
JAN 15

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

DIV. OF OIL, GAS & MINING

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.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1099 18TH STREET, SUITE _____ CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: (see attached well list)		8. WELL NAME and NUMBER: (see attached well list)
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
PHONE NUMBER: (303) 293-9100		10. FIELD AND POOL, OR WILDCAT:
COUNTY:		STATE: UTAH

RECEIVED
JAN 18 2015

DIV. OF OIL, GAS & MINING

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2015</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
BILL BARRETT CORPORATION (BBC) IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE ENTITY ELK PRODUCTION UINTAH, LLC (A WHOLLY OWNED SUBSIDIARY OF BBC) IS BEING DISSOLVED AND WILL BE MERGED INTO BBC EFFECTIVE 1/1/2015. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW.

BILL BARRETT CORPORATION
1099 18TH STREET, SUITE 2300
DENVER, CO 80202
303-293-900
(BLM BOND # LPM8874725, STATE/FEE BOND # LPM4138148)

ELK PRODUCTION UINTAH LLC
Duane Zavadil NAME (PLEASE PRINT)
Duane Zavadil SIGNATURE
Senior Vice President -
EH&S, Government and Regulatory Affairs

BILL BARRETT CORPORATION
Duane Zavadil NAME (PLEASE PRINT)
Duane Zavadil SIGNATURE
Senior Vice President -
EH&S, Government and Regulatory Affairs

NAME (PLEASE PRINT) DUANE ZAVADIL
SIGNATURE Duane Zavadil

TITLE Senior Vice President -
EH&S, Government and Regulatory Affairs
DATE 1/12/2015

(This space for State use only)

APPROVED

JAN 20 2015

DIV. OIL GAS & MINING
BY: Rachel Medina

FORM 9 CHANGE OF OP FROM ELK PRODUCTION UINTAH, LLC TO BILL BARRETT CORPORATION

Well Name	Sec	TWN	RNG	API	Entity	Mineral Lease	Surface Lease	Type	Status	Have SUA	Unit
ROOSEVELT U 4	13	010S	010W	4.305E+09	9300	Fee	Fee	OW	P	X	ROOSEVELT
ROOSEVELT B2	20	010S	010E	4.305E+09	9307	Fee	Fee	OW	P	X	ROOSEVELT
WASATCH 6	20	010S	010E	4.305E+09	221	Indian	Indian	OW	P		ROOSEVELT
WASATCH 6	20	010S	010E	4.305E+09	13586	Indian	Indian	OW	P		ROOSEVELT
ROOSEVELT A-7	19	010S	010E	4.305E+09	12560	Fee	Fee	OW	P	X	ROOSEVELT
ROOSEVELT A-7	19	010S	010E	4.305E+09	13586	Fee	Fee	OW	P	X	ROOSEVELT
ROOSEVELT U 11.	21	010S	010E	4.305E+09	9311	Indian	Fee	OW	P	X	ROOSEVELT
WASATCH 9	28	010S	010E	4.305E+09	221	Indian	Indian	OW	P		ROOSEVELT
WASATCH 9	28	010S	010E	4.305E+09	13586	Indian	Indian	OW	P		ROOSEVELT
WASATCH 10	21	010S	010E	4.305E+09	221	Indian	Fee	OW	P	X	ROOSEVELT
WASATCH 10	21	010S	010E	4.305E+09	13586	Indian	Fee	OW	P	X	ROOSEVELT
ROOSEVELT C11	18	010S	010E	4.305E+09	13586	Fee	Fee	OW	P	X	ROOSEVELT
ROOSEVELT C11	18	010S	010E	4.305E+09	12560	Fee	Fee	OW	P	X	ROOSEVELT
ROOSEVELT U 18-A1E	27	010S	010E	4.305E+09	13586	Indian	Fee	OW	P	X	ROOSEVELT
ROOSEVELT U 18-A1E	27	010S	010E	4.305E+09	221	Indian	Fee	OW	P	X	ROOSEVELT
ROOSEVELT U 3-19	19	010S	010E	4.305E+09	13586	Fee	Fee	OW	P	X	ROOSEVELT
ROOSEVELT U 4-19	19	010S	010E	4.305E+09	12560	Fee	Fee	OW	P	X	ROOSEVELT
ROOSEVELT U 4-19	19	010S	010E	4.305E+09	13586	Fee	Fee	OW	P	X	ROOSEVELT
ROOSEVELT U 5-19	19	010S	010E	4.305E+09	12560	Fee	Fee	OW	P	X	ROOSEVELT
ROOSEVELT U 5-19	19	010S	010E	4.305E+09	13586	Fee	Fee	OW	P	X	ROOSEVELT
ROOSEVELT U 28-33	28	010S	010E	4.305E+09	221	Indian	Indian	OW	P		ROOSEVELT
ROOSEVELT U 28-33	28	010S	010E	4.305E+09	13586	Indian	Indian	OW	P		ROOSEVELT
ROOSEVELT U 7-20	20	010S	010E	4.305E+09	12560	Fee	Fee	OW	P	X	ROOSEVELT
ROOSEVELT U 7-20	20	010S	010E	4.305E+09	13586	Fee	Fee	OW	P	X	ROOSEVELT
ROOSEVELT U 20-24	20	010S	010E	4.305E+09	221	Indian	Indian	OW	P		ROOSEVELT
ROOSEVELT U 21-43	21	010S	010E	4.305E+09	221	Indian	Indian	OW	P		ROOSEVELT
ROOSEVELT U 28-14	28	010S	010E	4.305E+09	221	Indian	Indian	OW	P		ROOSEVELT
ROOSEVELT U 29-14	29	010S	010E	4.305E+09	221	Indian	Indian	OW	P		ROOSEVELT
ROOSEVELT U 29-14	29	010S	010E	4.305E+09	13586	Indian	Indian	OW	P		ROOSEVELT
ROOSEVELT UNIT 20-13	20	010S	010E	4.305E+09	221	Indian	Indian	OW	P		ROOSEVELT
RU 24-13	24	010S	010W	4.305E+09	13586	Fee	Fee	OW	P	X	ROOSEVELT
RU 18-41	18	010S	010E	4.305E+09	12560	Fee	Fee	OW	P	X	ROOSEVELT
RU 23-14D	23	010S	010W	4.305E+09	13586	Fee	Fee	OW	P	X	ROOSEVELT
RU 13-31D	13	010S	010W	4.305E+09	13586	Fee	Fee	OW	P	X	ROOSEVELT
RU 19D-24	19	010S	010E	4.305E+09	12560	Fee	Fee	OW	P	X	ROOSEVELT
RU 21-41	21	010S	010E	4.305E+09	221	Indian	Indian	OW	P		ROOSEVELT
RU 29-13D	29	010S	010E	4.305E+09	221	Indian	Indian	OW	P		ROOSEVELT
RU 28-22	28	010S	010E	4.305E+09	221	Indian	Indian	OW	P		ROOSEVELT
UTE 1-19A1E	19	010S	010E	4.305E+09	1085	Fee	Fee	OW	S	X	ROOSEVELT
ROOSEVELT U 10	21	010S	010E	4.305E+09	9309	Indian	Indian	OW	S		ROOSEVELT
ROOSEVELT U 5	20	010S	010E	4.305E+09	13586	Indian	Indian	OW	S		ROOSEVELT
ROOSEVELT U 15-A1E	28	010S	010E	4.305E+09	10506	Fee	Fee	OW	S	X	ROOSEVELT
UTE TRIBAL 1 (RU 1)	21	010S	010E	4.305E+09	9302	Indian	Indian	OW	PA		ROOSEVELT
UTE TRIBAL 2 (RU 2)	21	010S	010E	4.305E+09	9303	Indian	Indian	OW	PA		ROOSEVELT
UTE TRIBAL 3 (RU 3)	28	010S	010E	4.305E+09	9304	Indian	Indian	OW	PA		ROOSEVELT
ROOSEVELT U 9	28	010S	010E	4.305E+09	9308	Indian	Indian	OW	PA		ROOSEVELT
ROOSEVELT U 13	13	010S	010W	4.305E+09	9312	Indian	Fee	OW	PA	X	ROOSEVELT
ROOSEVELT U 20-2	17	010S	010E	4.305E+09	9301	Indian	Fee	OW	PA	X	ROOSEVELT
ROOSEVELT U 12 GR	20	010S	010E	4.305E+09	10814	Indian	Indian	OW	PA		ROOSEVELT

Request to Transfer Application or Permit to Drill

Well Name	Sec	TWN	RNG	API	Entity	Mineral Lease	Surface Lease	Type	Status	Have SUA	Unit
RU 18-43D	18	010S	010E	4.305E+09		Fee	Fee	OW	APD	X	ROOSEVELT
RU 27D-11	27	010S	010E	4.305E+09		Indian	Fee	OW	APD	X	ROOSEVELT
RU 21-24	21	010S	010E	4.305E+09		Indian	Fee	OW	APD	X	ROOSEVELT

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: ROOSEVELT
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: RU 19D-24
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047530010000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 1060 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 01.0S Range: 01.0E Meridian: U		9. FIELD and POOL or WILDCAT: BLUEBELL
		COUNTY: UINTAH
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/25/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input 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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="SITE FACILITY DIAGRAM"/>

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

ATTACHED IS THE UPDATED SITE FACILITY DIAGRAM FOR THIS PAD.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
March 02, 2015**

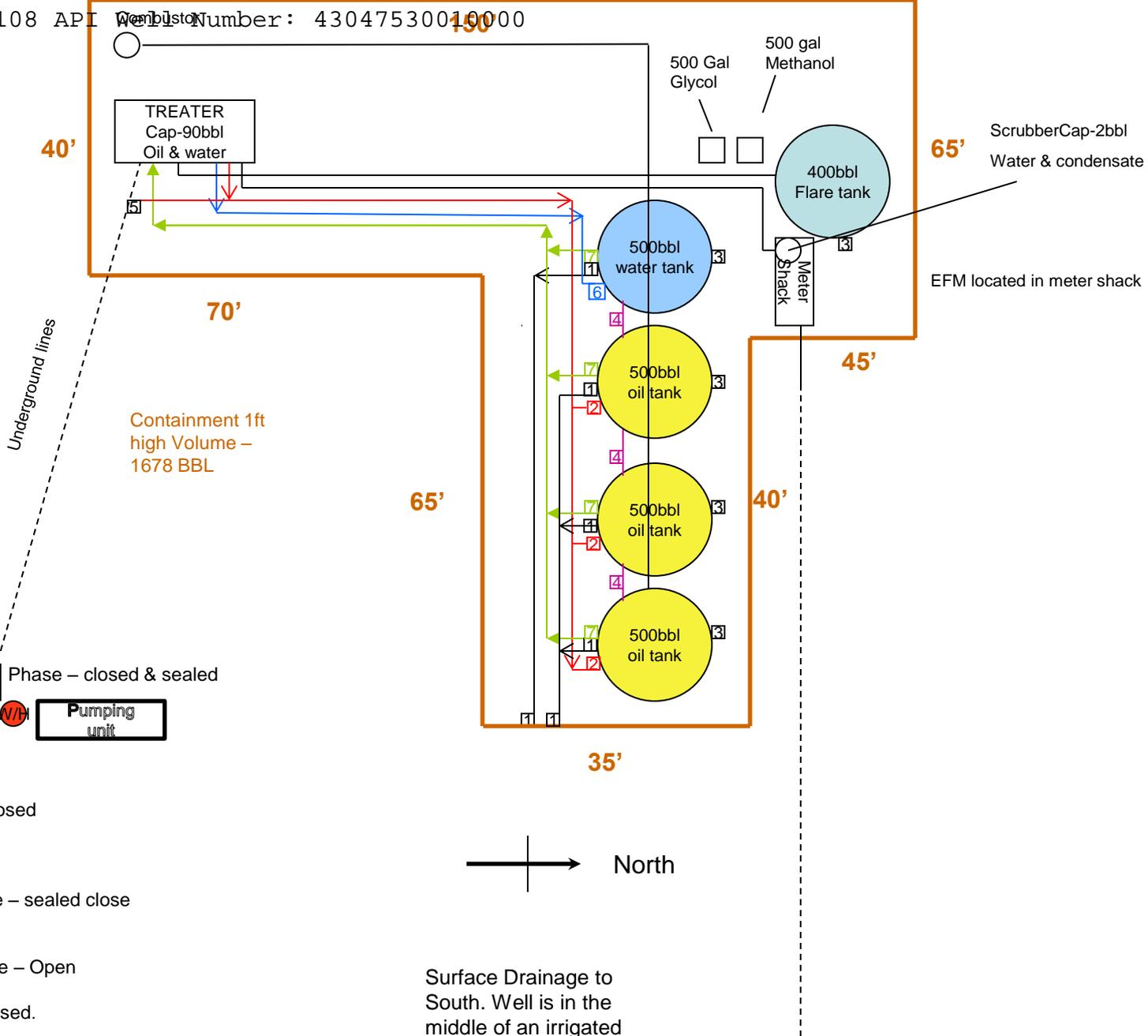
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 2/25/2015	

Sundry Number: 61108 API Well Number: 43047530019000

Bill Barrett Corporation

FEE
RU 19D-24
SE ¼ NE ¼ SEC 19, T1S, R1E,
Lease FEE
Unit # 892000886AO
API# 43-047-53001
Uintah Co. Utah

Site Security Plan Located at
Bill Barrett Corporation
Roosevelt Office
ROUTE 3 BOX 3110
1820 W HIGHWAY 40
ROOSEVELT, UT 84066



- 1 - 4" LOAD LINE
Sales Phase - open to load Production Phase - closed & sealed
Water tank load line not sealed.
 - 2 - 3" PRODUCTION IN
Production Phase - open
Sales Phase - closed
 - 3 - 4" DRAIN
Production or Sales Phase - sealed closed
Drain water - open
Water tank drains not sealed
 - 4 - 4" UPPER EQUALIZER
Production Phase - Open Sales Phase - sealed close
 - 5 - BYPASS
 - 6 - 3" WATER LINES
Production Phase - Open. Sales Phase - Open
 - 7 - 2" RECYCLE/SKIM
Production - Open. Sales - Sealed closed.
- PRV, RUPTURE DISC & FLARE LINES- tie in to flare tank for emergency pressure relief of treater

Surface Drainage to South. Well is in the middle of an irrigated pasture. Pond located 200 yds South of location.

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:
1. TYPE OF WELL Oil Well	7. UNIT or CA AGREEMENT NAME: ROOSEVELT
2. NAME OF OPERATOR: BILL BARRETT CORP	8. WELL NAME and NUMBER: RU 19D-24
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	9. API NUMBER: 43047530010000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 1060 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 01.0S Range: 01.0E Meridian: U	9. FIELD and POOL or WILDCAT: BLUEBELL
	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/1/2017	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input 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 checked="" 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.

BBC is requesting permission to perforate and frac Lower Green River. See attached procedure for completion plans. Please contact Brady Riley at 303-312-8115 with questions

Approved by the
Feb Davis, 2017
Oil, Gas and Mining

Date: _____
 By: Dr. K. Davis

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 2/6/2017	



**ROOSEVELT UNIT 19D-24
RECOMPLETE PROCEDURES**

Section 19-T1S-R1E

API # 43-047-53001

February 2nd, 2017

AFE #18380R2

OBJECTIVE

This is a up hole completion of a well that is currently producing. Pull existing rods and tubing, set 5 1/2" CIBP above existing perforations, and prepare wellbore for a Lower Green River recomplete. Perforate and frac Lower Green River per the procedure below. Drill out CBP's run tubing and return well to production.

MATERIAL NEEDS:

Fresh Water: 22,000 BBL's
Sand: 750,000 pounds 20/40 White Sand and 100,000 pounds 100 Mesh, to be supplied by Service Company

COMPLETION PROCEDURE

1. **Safety is the highest priority.** Hold wellsite safety meetings each morning and prior to each significant operation. Review critical parameters and objectives as well as emergency action plans.
2. Hold and document pre-activity meeting, determine location of necessary equipment and rig up of same, be sure all necessary contractors are present and agree as to the layout of location.
3. Spot necessary tanks and flowback equipment to perform the work outlined below and accommodate the materials listed above.
4. Pressure test flowback iron.
5. MIRU workover rig to pull and lay down rods and tubing.
6. Flush well with 2% KCL 400 BBL's heated fresh water using workover rig pump.
7. RDMO workover rig and associated equipment.
8. MIRU WL unit and lubricator.

9. RIH with gage ring to 10,045.
10. RIH with 5 1/2" CIBP set at 10,040' MD.
11. ND production tree and NU frac tree.
12. Pressure test casing and CIBP to 4,500 psi, hold for 15 minutes, monitor and record bleed off.
13. Perforate Stage 11 of Lower Green River per perforation design.
14. MIRU & spot Frac equipment.
15. Pressures test all lines to 10,000 psi.
16. Fracture stimulate interval #11 per designs.
17. PU & RIH with 5 1/2" CFP and perforating guns.
18. Set CFP @ 9,777.
19. Perforate Stage 12 of Lower Green River per perforation design.
20. Fracture stimulate interval #12 per design.
21. PU & RIH with 5 1/2" CFP and perforating guns.
22. Set CFP @ 9,530'.
23. Perforate Stage 13 of Lower Green River per perforation design.
24. Fracture stimulate interval #13 per design.
25. PU & RIH with 5 1/2" CFP and perforating guns.
26. Set 5 1/2" CFP @ 9,175'.
27. Perforate Stage 14 of Lower Green River per perforation design.
28. Fracture stimulate interval #14 per design.
29. PU & RIH with 5 1/2" CFP and perforating guns.
30. Set 5 1/2" CFP @ 8,869'.
31. Perforate Stage 15 of Lower Green River per perforation design.
32. Fracture stimulate interval #15 per design.

33. RD Halliburton frac equipment, clear location of all unnecessary personnel and equipment.
34. Move in workover rig to drill out all composite frac plugs. Cast iron bridge plug will be left in well above Wasatch.
35. Open up well to flowback for evaluation period. This will determine future sets of applying for commingling and opening up Wasatch formation.

CASING DATA

STRING	SIZE	WEIGHT	GRADE	THREAD	DEPTH
Surface	9 5/8"	36.0#	J-55	ST&C	3,525'
Production	5 1/2"	20.0#	P-110	LT&C	Surface-13,483'

PRESSURE AND DIMENSIONAL DATA

SIZE	WEIGHT	GRADE	BURST	COLLAPSE	DRIFT
5 1/2"	20.0#	P-110	12,640 psi	11,080 psi	4.653"

RU 19D-24

Date Prepared 1/31/2017

PBTB 13,710

	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth	Mid Perf	Zone	Perf Diameter	Gun Length	Temp
STAGE 11					CIBP	10,040	9,909		0.36	39	234
GUN SYSTEM CHARGE	3 1/8										
	9782	9783	3	120				Stage 11, Lower Green River			
	9795	9796	3	120				Stage 11, Lower Green River			
	9820	9821	3	120				Stage 11, Lower Green River			
	9846	9847	3	120				Stage 11, Lower Green River			
	9861	9862	3	120				Stage 11, Lower Green River			
	9877	9878	3	120				Stage 11, Lower Green River			
	9897	9898	3	120				Stage 11, Lower Green River			
	9919	9920	3	120				Stage 11, Lower Green River			
	9933	9934	3	120				Stage 11, Lower Green River			
	9960	9961	3	120				Stage 11, Lower Green River			
	9973	9974	3	120				Stage 11, Lower Green River			
	9991	9992	3	120				Stage 11, Lower Green River			
	10007	10008	3	120				Stage 11, Lower Green River			
	10027	10028	3	120				Stage 11, Lower Green River			
Total			42								
STAGE 12					#1 10 K	9,777	9,652		0.36	49	230
GUN SYSTEM CHARGE	3 1/8										
	9551	9552	3	120				Stage 12, Lower Green River			
	9562	9563	3	120				Stage 12, Lower Green River			
	9572	9573	3	120				Stage 12, Lower Green River			
	9595	9596	3	120				Stage 12, Lower Green River			
	9607	9608	3	120				Stage 12, Lower Green River			
	9626	9627	3	120				Stage 12, Lower Green River			
	9639	9640	3	120				Stage 12, Lower Green River			
	9663	9664	3	120				Stage 12, Lower Green River			
	9679	9680	3	120				Stage 12, Lower Green River			
	9693	9694	3	120				Stage 12, Lower Green River			
	9707	9708	3	120				Stage 12, Lower Green River			
	9717	9718	3	120				Stage 12, Lower Green River			
	9737	9738	3	120				Stage 12, Lower Green River			
	9756	9757	3	120				Stage 12, Lower Green River			
Total			42								
STAGE 13					#2 10 K	9,530	9,372		0.36	50	225
GUN SYSTEM CHARGE	3 1/8										
	9196	9197	3	120				Stage 13, Lower Green River			
	9217	9218	3	120				Stage 13, Lower Green River			
	9239	9240	3	120				Stage 13, Lower Green River			
	9264	9265	3	120				Stage 13, Lower Green River			
	9298	9299	3	120				Stage 13, Lower Green River			
	9323	9324	3	121				Stage 13, Lower Green River			
	9358	9359	3	120				Stage 13, Lower Green River			
	9371	9372	3	120				Stage 13, Lower Green River			
	9388	9389	3	120				Stage 13, Lower Green River			
	9412	9413	3	120				Stage 13, Lower Green River			
	9437	9438	3	120				Stage 13, Lower Green River			
	9452	9453	3	120				Stage 13, Lower Green River			
	9471	9472	3	120				Stage 13, Lower Green River			
	9498	9499	3	120				Stage 13, Lower Green River			
	9509	9510	3	120				Stage 13, Lower Green River			
Total			45								
STAGE 14					#3 10 K	9,175	9,018		0.36	47	219
GUN SYSTEM CHARGE	3 1/8										

