

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Kendall 3-15B2					
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					
6. NAME OF OPERATOR EP ENERGY E&P COMPANY, L.P.						7. OPERATOR PHONE 713 997-5038					
8. ADDRESS OF OPERATOR 1001 Louisiana, Houston, TX, 77002						9. OPERATOR E-MAIL maria.gomez@epenergy.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Kendall Investments, L.L.C.						14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-726-3488					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1638 East Gordon Ave, Layton, UT 84040						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE		737 FNL 786 FEL		NENE	15	2.0 S	2.0 W	U			
Top of Uppermost Producing Zone		737 FNL 786 FEL		NENE	15	2.0 S	2.0 W	U			
At Total Depth		737 FNL 786 FEL		NENE	15	2.0 S	2.0 W	U			
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 737			23. NUMBER OF ACRES IN DRILLING UNIT 640					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1500			26. PROPOSED DEPTH MD: 13300 TVD: 13300					
27. ELEVATION - GROUND LEVEL 5148			28. BOND NUMBER 400JU0708			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Roosevelt City					
Hole, Casing, and Cement Information											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight	
Cond	20	13.375	0 - 1000	54.5	J-55 LT&C	8.8	Class G	1241	1.15	15.8	
Surf	12.25	9.625	0 - 5400	40.0	N-80 LT&C	9.5	35/65 Poz	1168	2.14	12.0	
							Premium Lite High Strength	191	1.33	14.2	
I1	8.75	7	0 - 10250	29.0	P-110 LT&C	11.5	Premium Lite High Strength	310	2.31	12.0	
							Premium Lite High Strength	91	1.91	12.5	
L1	6.125	4.5	10050 - 13300	13.5	P-110 LT&C	14.5	50/50 Poz	274	1.41	14.8	
ATTACHMENTS											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Maria S. Gomez				TITLE Principal Regulatory Analyst				PHONE 713 997-5038			
SIGNATURE				DATE 04/04/2013				EMAIL maria.gomez@epenergy.com			
API NUMBER ASSIGNED 43013521280000				APPROVAL  Permit Manager							

**Kendall 3-15B2
Sec. 15, T2S, R2W
DUCHESNE COUNTY, UT**

EP Energy E&P COMPANY, L.P.

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Green River (GRRV)	5,299'
Green River (GRTN1)	6,489'
Mahogany Bench	7,299'
L. Green River	8,749'
Wasatch	10,199'
T.D. (Permit)	13,300'

2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River (GRRV)	5,299'
	Green River (GRTN1)	6,489'
	Mahogany Bench	7,299'
Oil	L. Green River	8,749'
Oil	Wasatch	10,199'

3. Pressure Control Equipment: (Schematic Attached)

A 4.5" by 20.0" rotating head on structural pipe from surface to 1,000'. A 4.5" by 13 3/8" Smith Rotating Head and 5M Annular from 1,000' to 4,600' on Conductor. A 5M BOP stack, 5M Annular, and 5M kill lines and choke manifold used from 4,600' to 9,900'. A 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 9,900' to TD. The BOPE and related equipment will meet the requirements of the 5M and 10M system.

OPERATORS MINIMUM SPECIFICATIONS FOR BOPE:

The surface casing will be equipped with a flanged casing head of 5M psi working pressure. An 11" 5M x 11" 10M spool, 11" x 10M psi BOP and 5M psi Annular will be nipped up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing will be tested to 1,000 psi. for 30 mins. Intermediate casing will be tested to the greater of 1500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock, floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low test and 4,000 psi high test. The 10M BOP will be installed

with 3 ½" pipe rams, blind rams, mud cross and rotating head from intermediate shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventer will be activated weekly and weekly BOP drills will be held with each crew.

Statement on Accumulator System and Location of Hydraulic Controls:

Precision Rig # 404 is expected to be used to drill the proposed well. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance with 5M and 10M psi systems.

Auxiliary Equipment:

- A) Pason monitoring systems with gas monitor 1,000' – TD.
- B) Mud logger with gas monitor – 5,400' to TD
- C) Choke manifold with one manual and one hydraulic operated choke
- D) Full opening floor valve with drill pipe thread
- E) Upper and lower Kelly cock
- F) Shaker, de-sander and de-silter, and centrifuge.

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

Please refer to the attached Wellbore Diagram.

All casing will meet or exceed the following design safety factors:

- Burst = 1.00
- Collapse = 1.125
- Tension = 1.2 (including 100k# overpull)

Cement design calculations will be based on: 25% excess over gauge hole in the liner section, 10% excess over gauge hole in the intermediate section, and 75% excess on the lead and 50% excess on the tail over gauge hole volume for the surface hole. Actual volumes pumped will be a minimum of the volumes stated above, however, actual hole size will be based on caliper logs in the liner and intermediate sections. Gauge hole will be used for the surface section.

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.8 – 9.5
Intermediate	WBM	9.5 – 11.5
Production	WBM	11.5 – 14.5

Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for trip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program:**

Logs:

Mud Log: 5,400' - TD.

Open Hole Logs: Gamma Ray, Neutron-Density, Resistivity, Sonic, from base of surface casing to TD.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 13,300' TD equals approximately 10,028 psi. This is calculated based on a 0.754 psi/foot gradient (14.5 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 7,102 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 10,250' = 8,200 psi

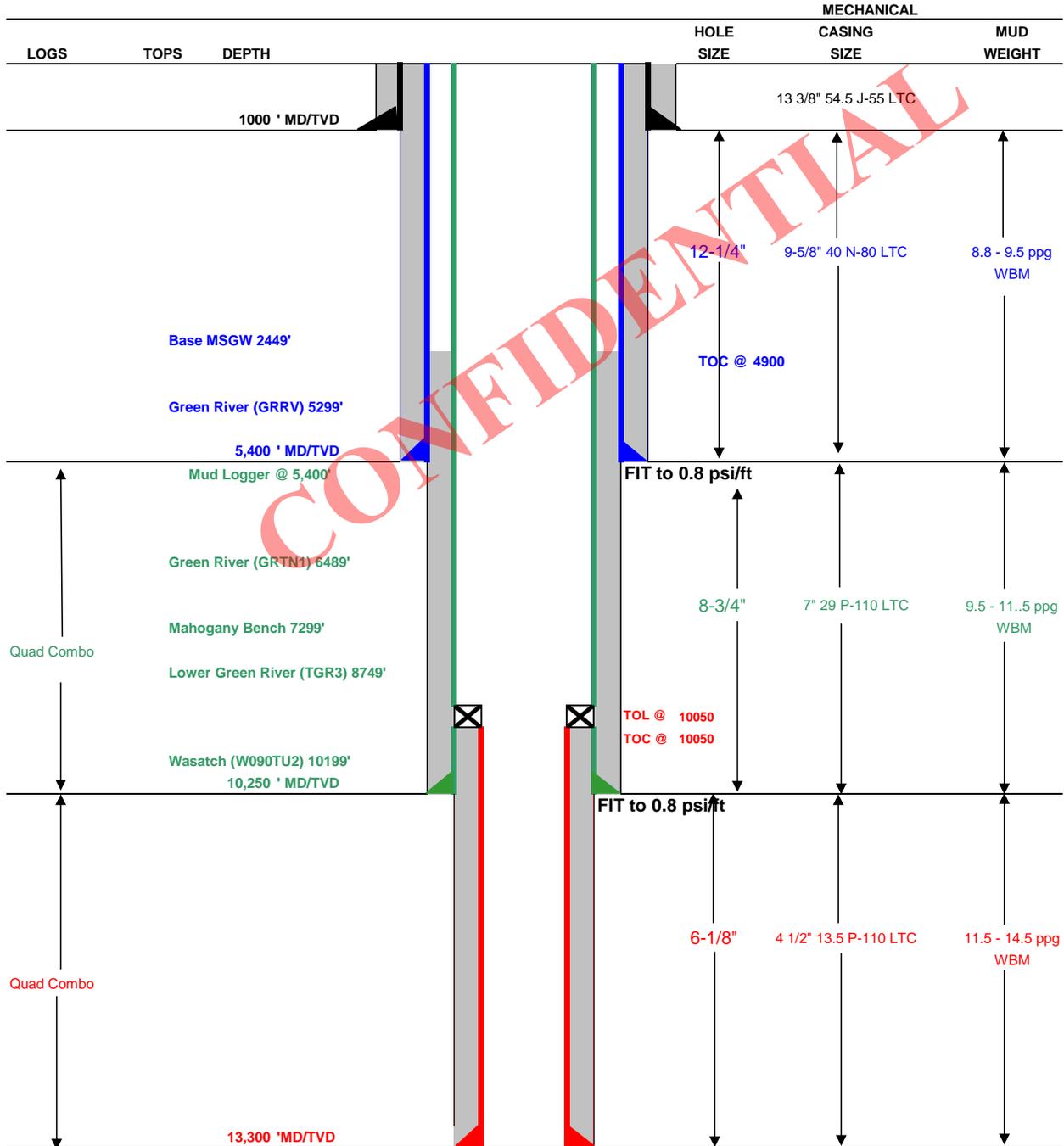
BOPE and casing design will be based on the lesser of the two MASPs which is 7,102 psi.

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**



Drilling Schematic

Company Name: EP ENERGY	Date: April 2, 2013
Well Name: Kendall 3-15B2	TD: 13,300
Field, County, State: Altamont - Bluebell, Duchesne, Utah	AFE #:
Surface Location: Sec 15 T2S R2W 737' FNL 786' FEL	BHL: Straight Hole
Objective Zone(s): Green River, Wasatch	Elevation: 5432
Rig: TBD	Spud (est.): TBD
BOPE Info: 5.0 x 13 3/8 rotating head and 5M Annular from 1,000' to 5,400' 11 5M BOP stack and 5M kill lines and choke manifold used from 5,400' to 10,250' 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 10,250' to TD	



DRILLING PROGRAM

CASING PROGRAM	SIZE	INTERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0	1000	54.5	J-55	LTC	2,730	1,140	1,399
SURFACE	9-5/8"	0	5400	40.00	N-80	LTC	3,090	5,750	820
INTERMEDIATE	7"	0	10250	29.00	P-110	LTC	11,220	8,530	797
PRODUCTION LINER	4 1/2"	10050	13300	13.50	P-110	LTC	12,410	10,680	338

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		1000	Class G + 3% CACL2	1241	100%	15.8 ppg	1.15
SURFACE	Lead	4,900	Boral Craig POZ 35%, Mountain G 65%, Bentonite Wyoming 8%, Silicate 5 lbm/sk, Pol-E Flake 0.125 lbm/sk, Kwik Seal 0.25 lb/sk	1168	75%	12.0 ppg	2.14
	Tail	500	Halco-light premium+3 lb/sk Silicate+0.3% Econolite+1% Salt+0.25 lbm/sk Kol-Seal+0.24 lb/sk Kwik Seal+ HR-5	191	50%	14.2 ppg	1.33
INTERMEDIATE	Lead	4,350	Hallco-Light-Premium+4% Bentonite+0.4% Econolite+0.2% Halad322+3 lb/sk Silicalite Compacted+0.8% HR-5+ 0.125 lb/sk Poly-E-Flake	310	10%	12.0 ppg	2.31
	Tail	1,000	Halco-Light-Premium+0.2% Econolite+0.3% Versaset+0.2% Halad322+0.8% HR-5+ 0.3% SuperCBL+ 0.125 lb/sk Poly-E-Flake	91	10%	12.5 ppg	1.91
PRODUCTION LINER		3,250	Halco- 50/50 Poz Premium Cement+20% SSA-1+0.3% Super CBL+ 0.3% Halad-344+0.3% Halad-413+ 0.2% SCR-100+ 0.125 lb/sk Poly-E-Flake + 3 lb/sk Silicat	274	25%	14.80	1.41

FLOAT EQUIPMENT & CENTRALIZERS	
CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M,P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. Maker joint at 8,000'.
LINER	Float shoe, 1 joint, float collar. Thread lock all FE. Maker joints every 1000'.

PROJECT ENGINEER(S): Brad MacAfee 713-997-6383

MANAGER: Tommy Gaydos

EP ENERGY E&P COMPANY, L.P.
KENDALL #3-15B2
SECTION 15, T2S, R2W, U.S.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM ROOSEVELT, UTAH ALONG 200 NORTH APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND SOUTH COVE ROAD TO THE WEST; PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 3.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 6,383' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM ROOSEVELT, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 7.1 MILES.

CONFIDENTIAL

EP ENERGY E&P COMPANY, L.P.
KENDALL #3-15B2
LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 15, T2S, R2W, U.S.B.&M.

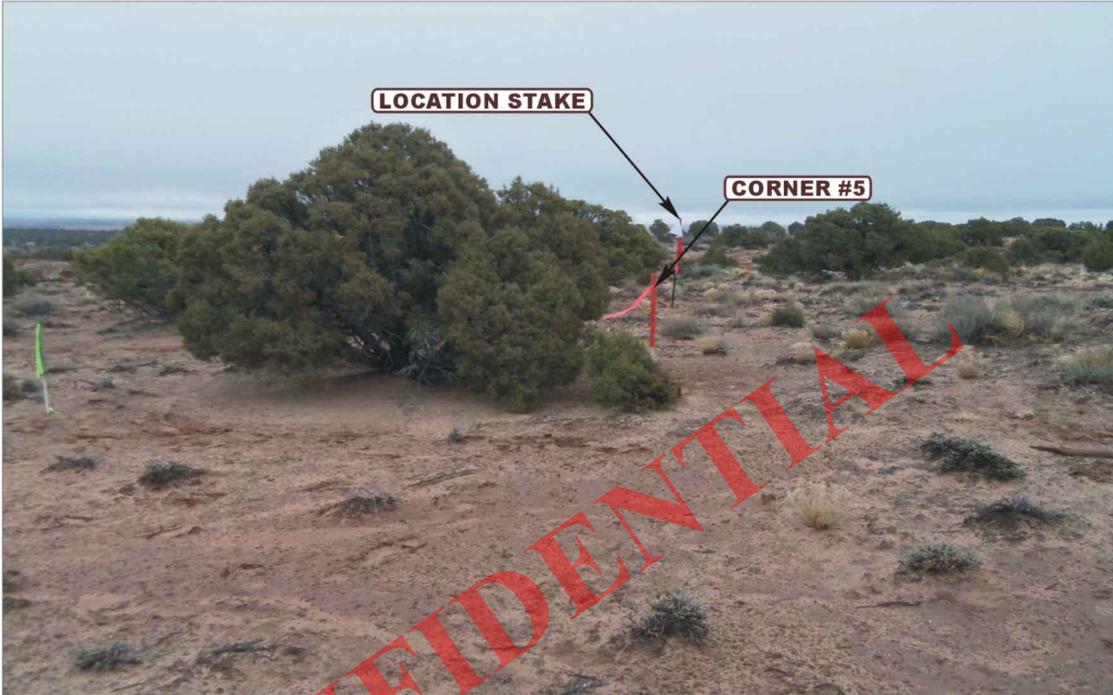


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO: VIEW OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
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LOCATION PHOTOS	10	30	12	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: B.H.	DRAWN BY: C.I.		REVISED: 00-00-00	

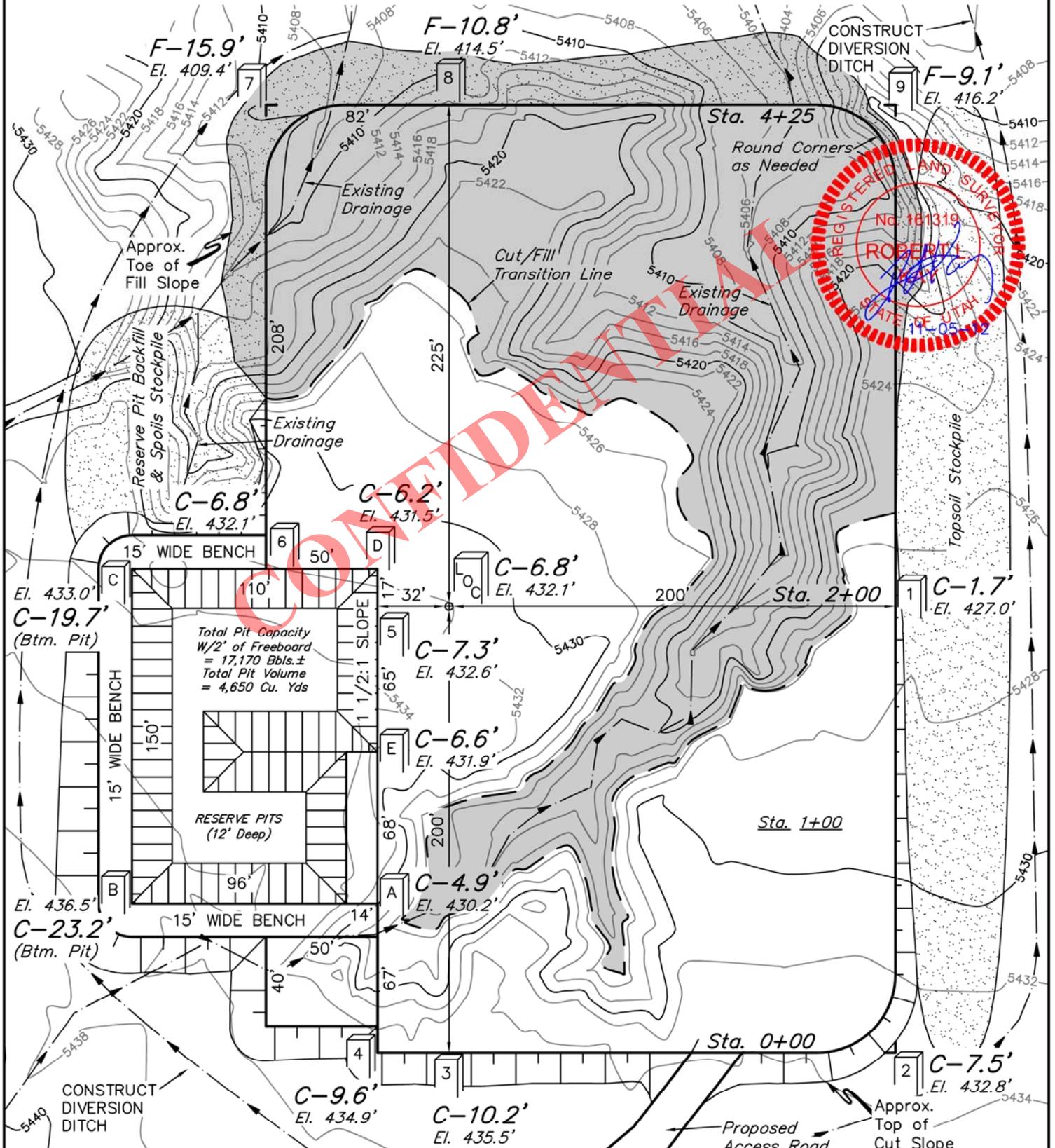
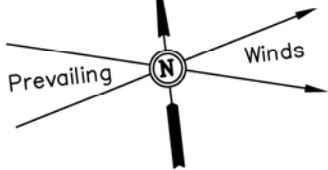
EP ENERGY E&P COMPANY, L.P.

LOCATION LAYOUT FOR

KENDALL #3-15B2
SECTION 15, T2S, R2W, U.S.B.&M.
737' FNL 786' FEL

FIGURE #1

SCALE: 1" = 60'
DATE: 10-26-12
DRAWN BY: J.J.



COMPLETED

Elev. Ungraded Ground At Loc. Stake = 5432.1'
FINISHED GRADE ELEV. AT LOC. STAKE = 5425.3'

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FIGURE #2

TYPICAL CROSS SECTIONS FOR

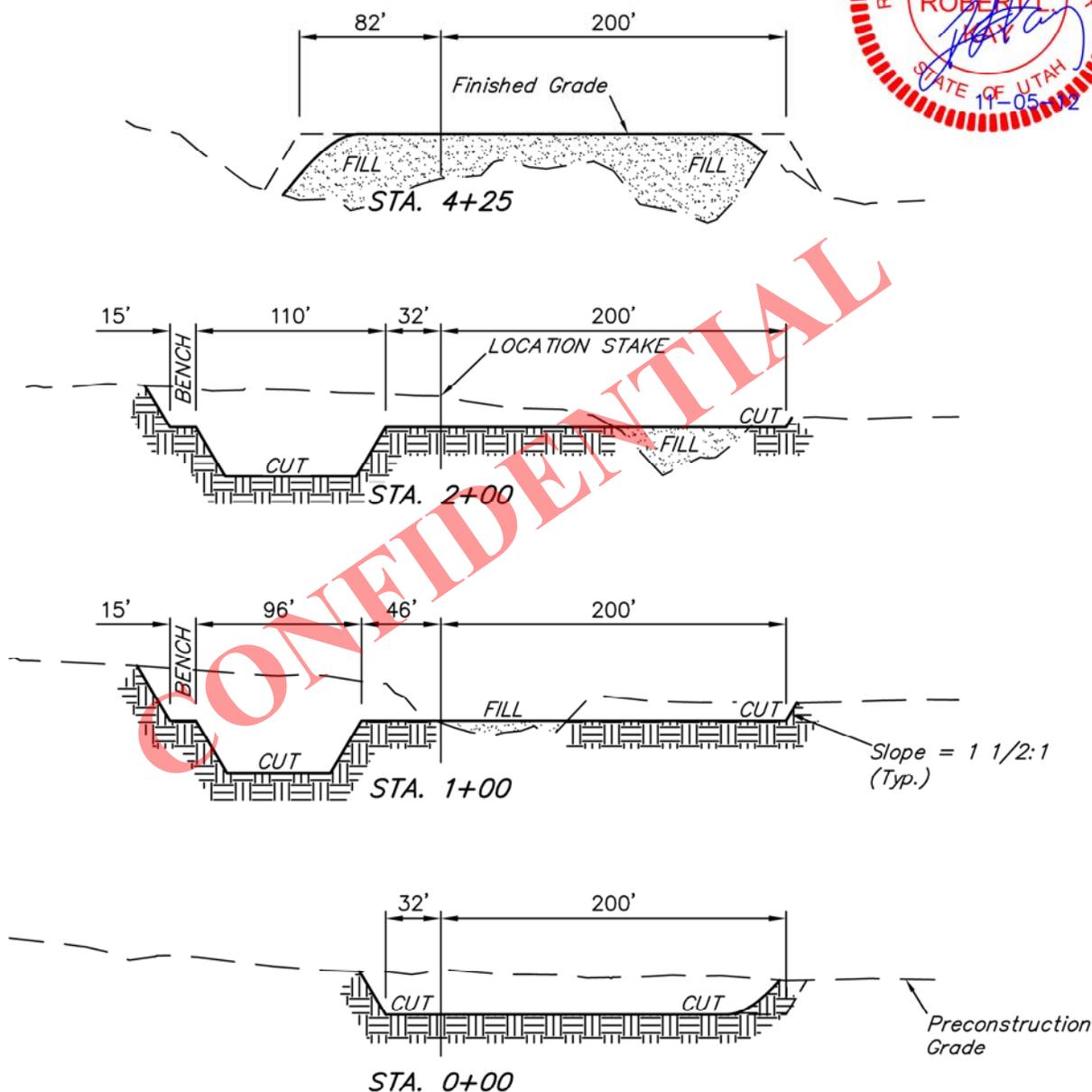
KENDALL #3-15B2

SECTION 15, T2S, R2W, U.S.B.&M.

737' FNL 786' FEL

1" = 40'
X-Section Scale
1" = 100'

DATE: 10-26-12
DRAWN BY: J.J.



NOTE:

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE	= ± 4.438 ACRES
ACCESS ROAD DISTURBANCE	= ± 9.615 ACRES
PIPELINE DISTURBANCE	= ± 0.092 ACRES
TOTAL	= ± 14.145 ACRES

* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 2,940 Cu. Yds.
Remaining Location	= 21,940 Cu. Yds.
TOTAL CUT	= 24,880 CU. YDS.
FILL	= 19,610 CU. YDS.

EXCESS MATERIAL	= 5,210 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 5,270 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

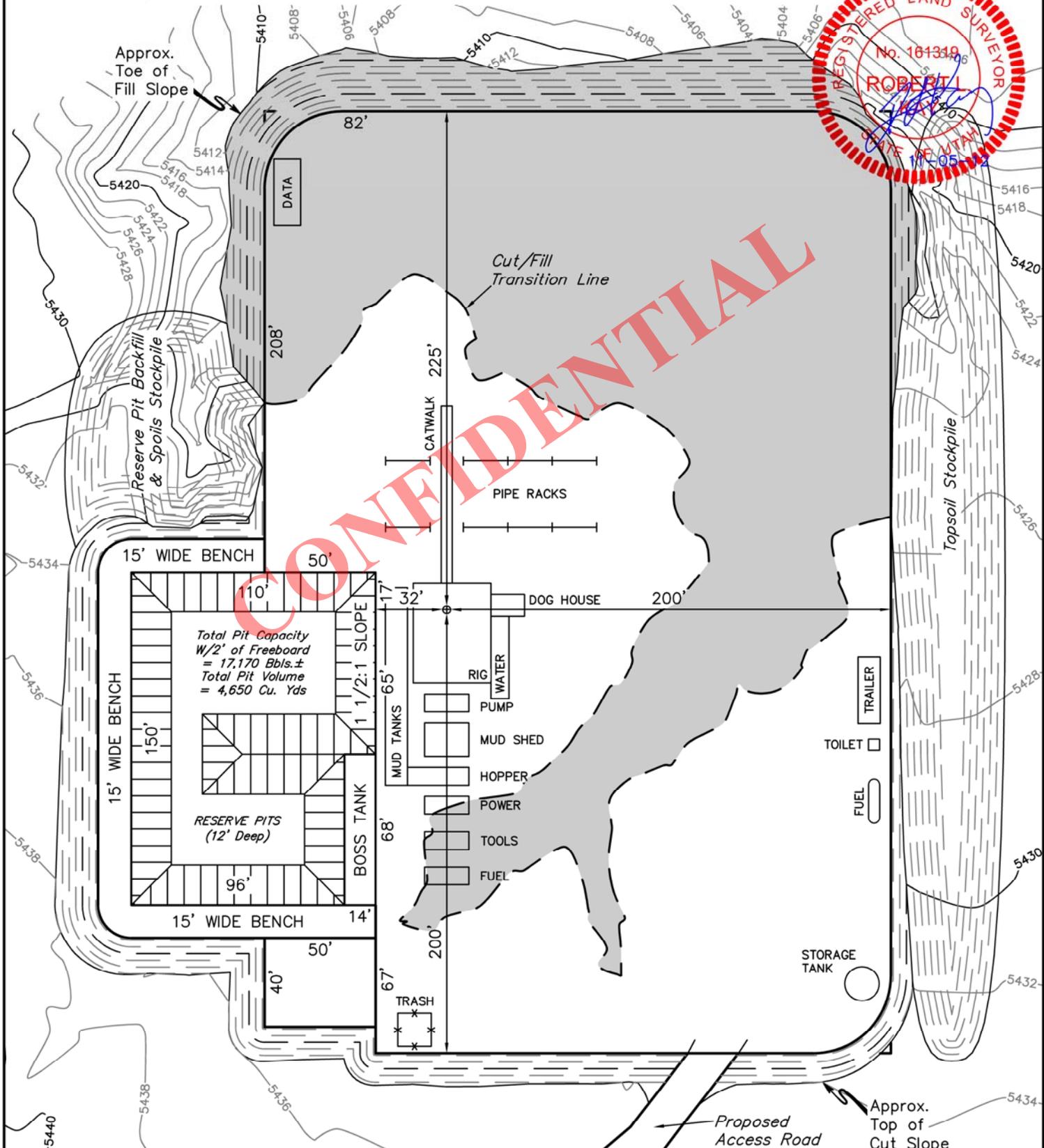
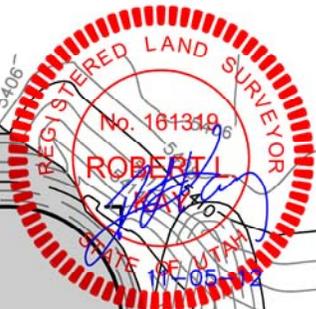
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TYPICAL RIG LAYOUT FOR
KENDALL #3-15B2
SECTION 15, T2S, R2W, U.S.B.&M.
737' FNL 786' FEL

FIGURE #3

SCALE: 1" = 60'
DATE: 10-26-12
DRAWN BY: J.J.



Total Pit Capacity
W/2' of Freeboard
= 17,170 Bbls.±
Total Pit Volume
= 4,650 Cu. Yds

RESERVE PITS
(12' Deep)

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PRODUCTION FACILITY LAYOUT FOR

KENDALL #3-15B2

SECTION 15, T2S, R2W, U.S.B.&M.

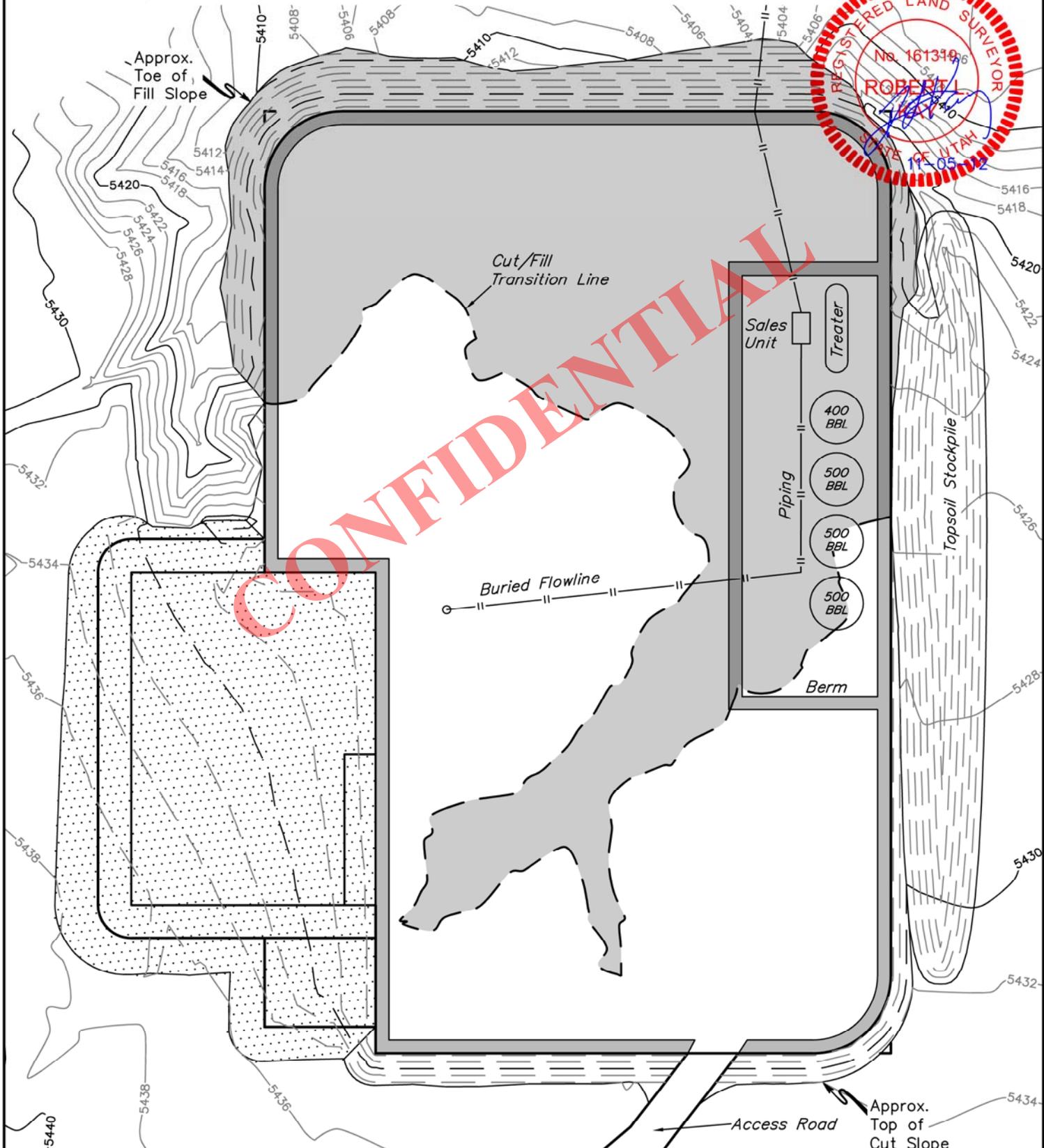
737' FNL 786' FEL

FIGURE #4

SCALE: 1" = 60'

DATE: 10-26-12

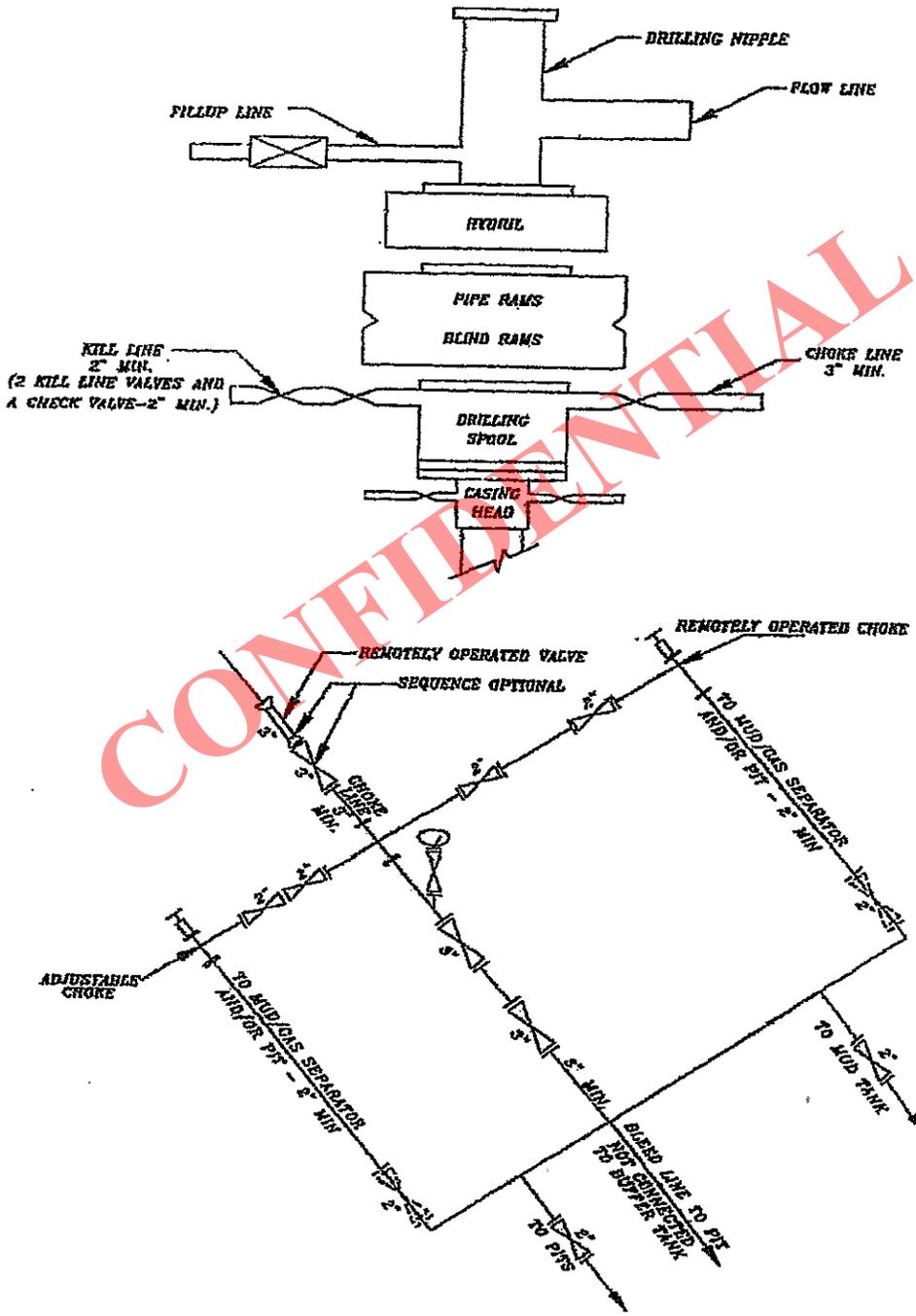
DRAWN BY: J.J.



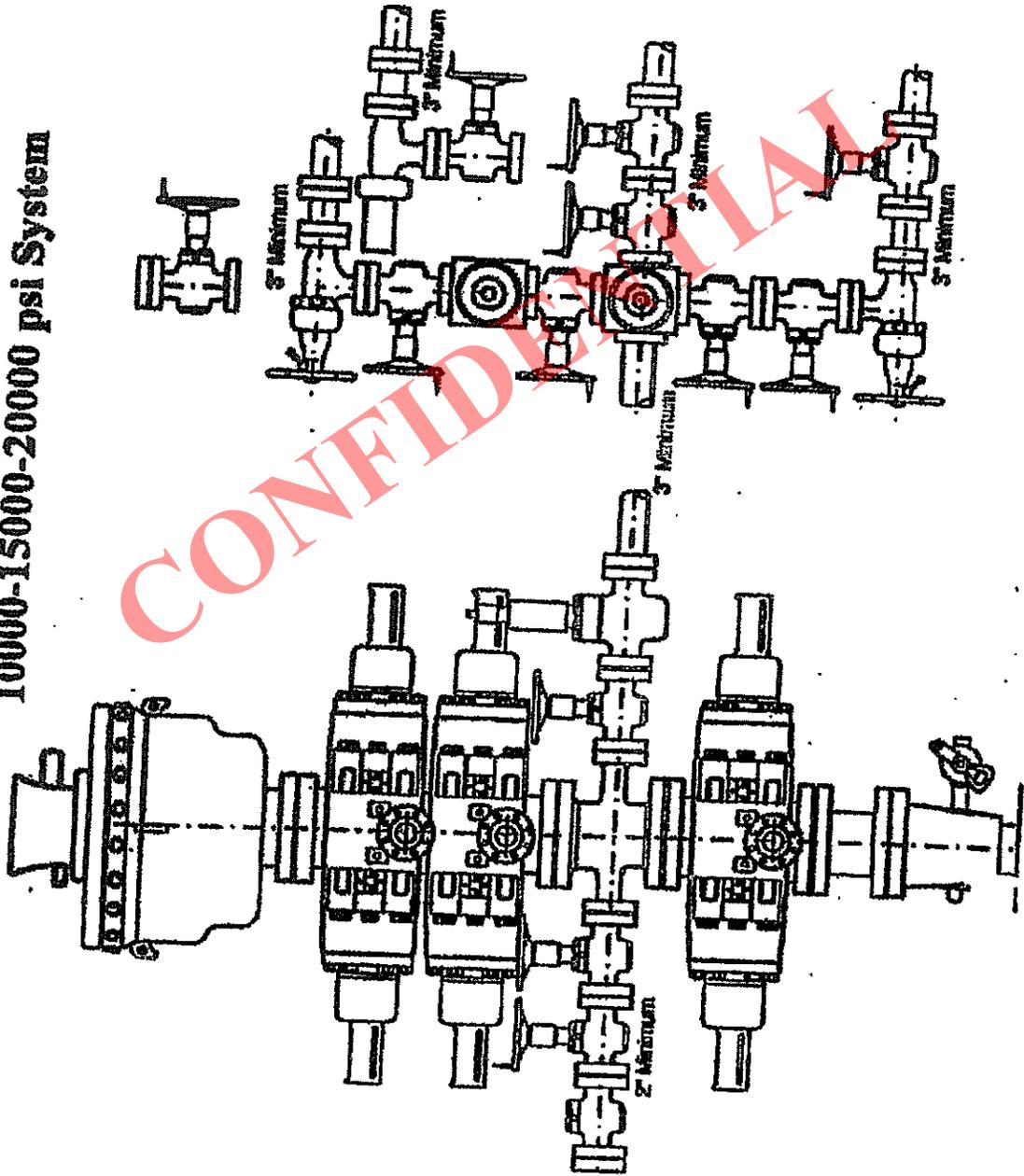
 RECLAIMED AREA

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5M BOP STACK and CHOKE MANIFOLD SYSTEM



10000-15000-20000 psi System



T2S, R2W, U.S.B.&M.

EP ENERGY E&P COMPANY, L.P.

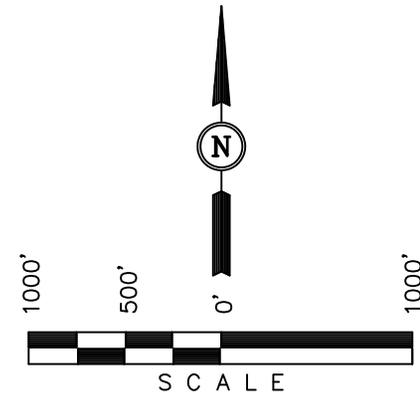
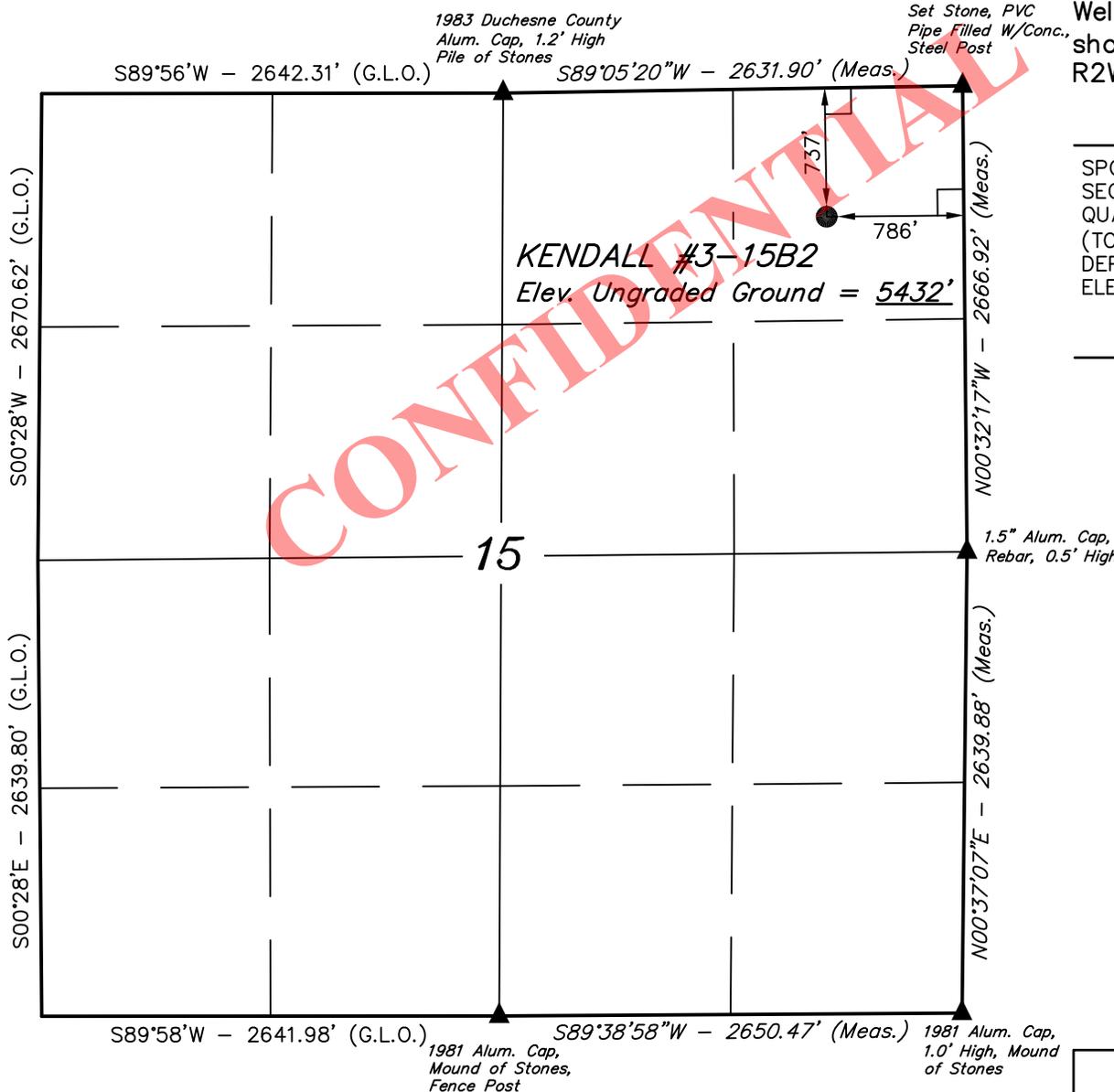
Well location, KENDALL #3-15B2, located as shown in the NE 1/4 NE 1/4 of Section 15, T2S, R2W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

BASIS OF BEARINGS

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



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.

ROBERT L. KAY
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

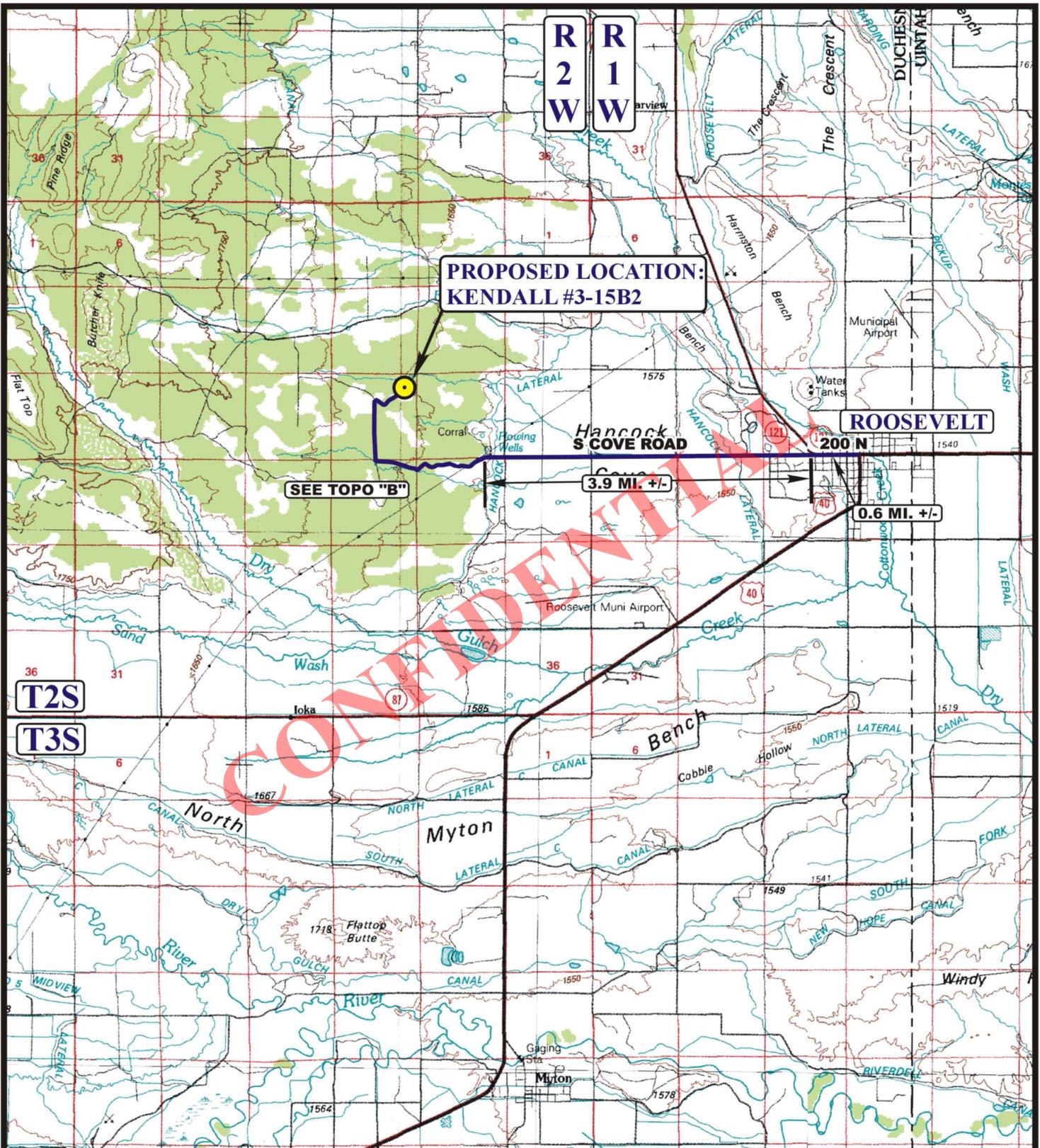
LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°18'50.34" (40.313983)	
LONGITUDE = 110°05'20.91" (110.089142)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°18'50.49" (40.314025)	
LONGITUDE = 110°05'18.36" (110.088433)	

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 10-24-12	DATE DRAWN: 10-26-12
PARTY B.H. R.H. J.J.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE	EP ENERGY E&P COMPANY, L.P.

RECEIVED: April 04, 2013



LEGEND:

 PROPOSED LOCATION



EP ENERGY E&P COMPANY, L.P.

KENDALL #3-15B2
SECTION 15, T2S, R2W, U.S.B.&M.
737' FNL 786' FEL



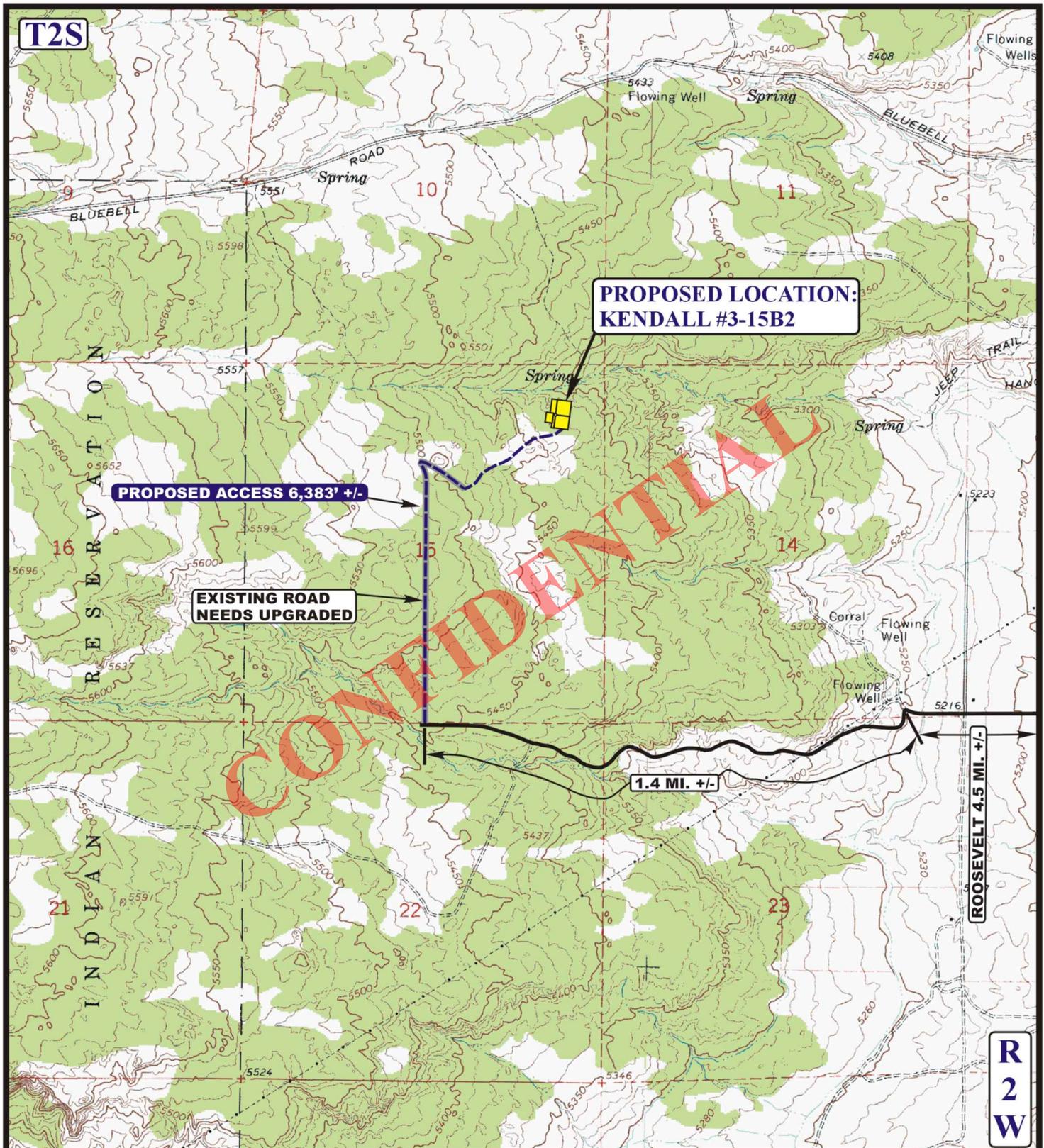
Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD
MAP

10 30 12
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.I. REVISED: 00-00-00





LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  EXISTING ROAD NEEDS UPGRADED



EP ENERGY E&P COMPANY, L.P.

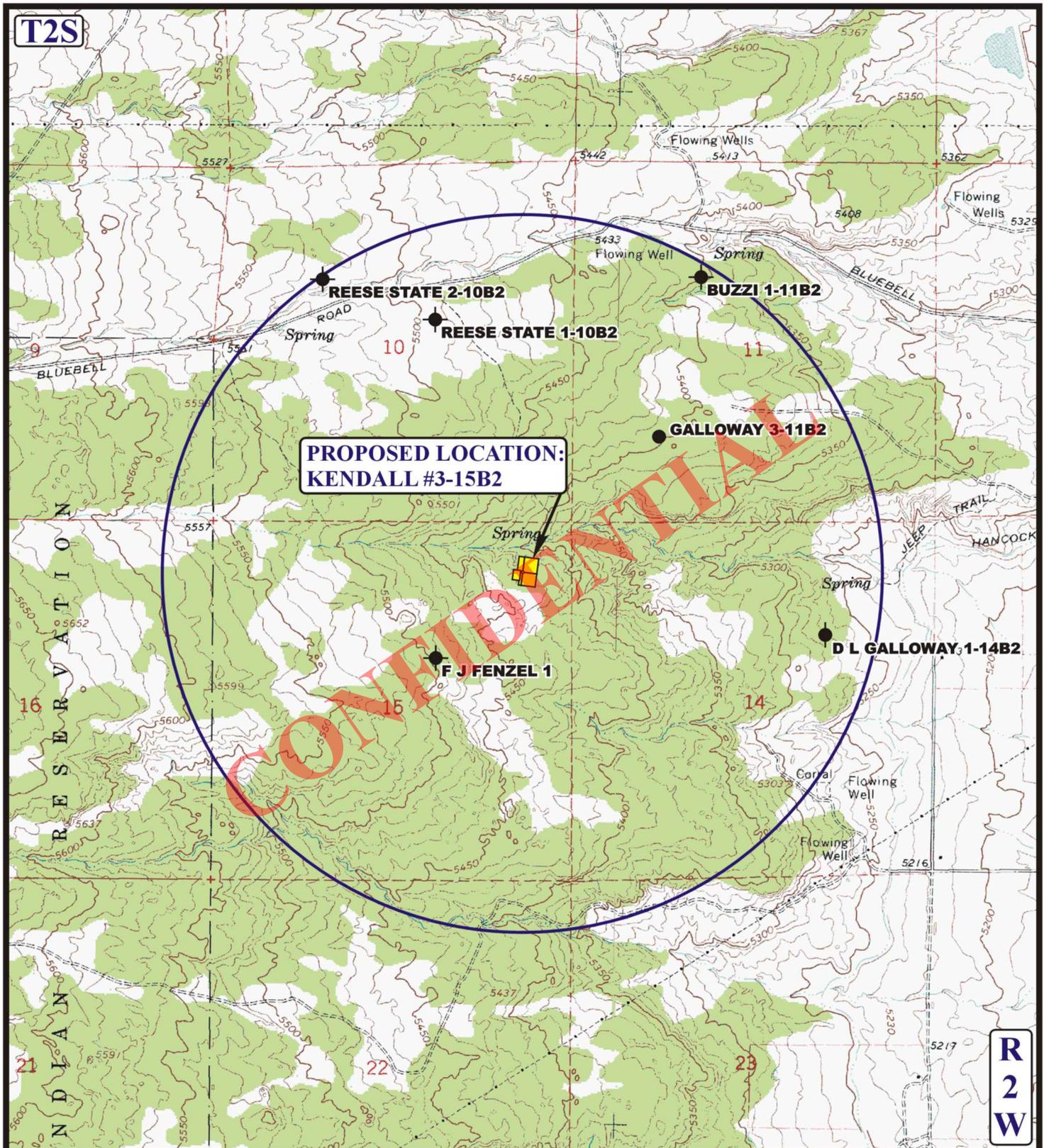
KENDALL #3-15B2
SECTION 15, T2S, R2W, U.S.B.&M.
737' FNL 786' FEL



Uintah Engineering & Land Surveying
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 (435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP	10	30	12
	MONTH	DAY	YEAR
SCALE: 1" = 2000'	DRAWN BY: C.I.		REVISED: 00-00-00





LEGEND:

- ⊘ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

UES Uintah Engineering & Land Surveying
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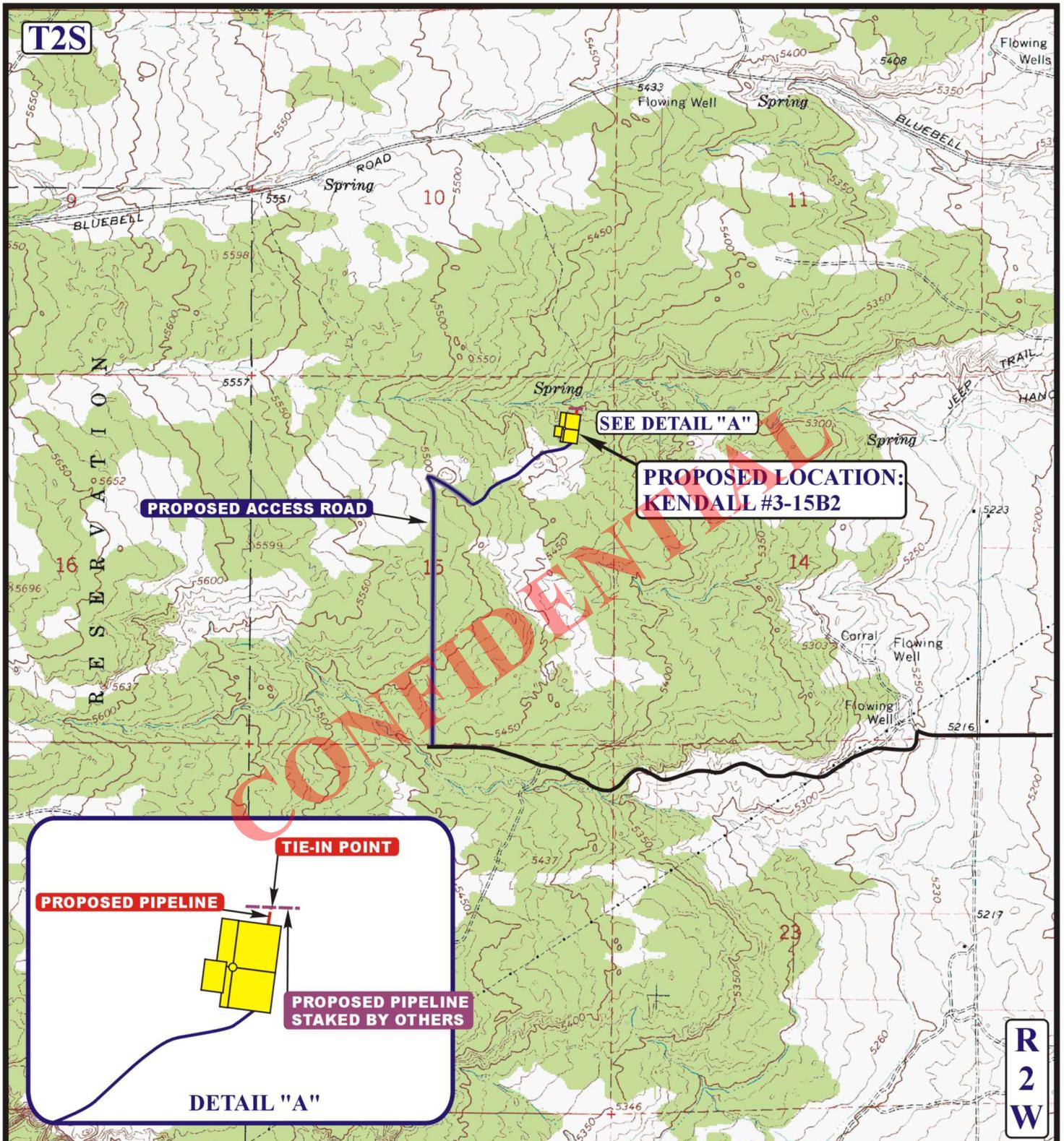


EP ENERGY E&P COMPANY, L.P.

KENDALL #3-15B2
 SECTION 15, T2S, R2W, U.S.B.&M.
 737' FNL 786' FEL

TOPOGRAPHIC MAP 10 30 12
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.I. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 83' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- - - - - EXISTING PIPELINE
- PROPOSED PIPELINE
- - - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)



EP ENERGY E&P COMPANY, L.P.

KENDALL #3-15B2
SECTION 15, T2S, R2W, U.S.B.&M.
737' FNL 786' FEL



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

TOPOGRAPHIC MAP
 SCALE: 1" = 2000' DRAWN BY: C.L. REVISED: 00-00-00

D
TOPO

AFFIDAVIT OF DAMAGE SETTLEMENT AND RELEASE

Corie A. Mathews personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Corie A. Mathews. I am a Landman for EP Energy E&P Company, L.P., whose address is 1001 Louisiana Street, Houston, Texas 77002 ("EP Energy").
2. EP Energy is the operator of the proposed Kendall 3-15B2 well ("the Well") to be located in the NE/4 of the NE/4 of Section 15, Township 2 South, Range 2 West, USM, Duchesne County, Utah (the "Drillsite Location"). The surface owner of the Drillsite location is Kendall Investments, L.L.C., whose address is 1638 East Gordon Ave, Layton, UT 84040 and whose telephone number is (801) 726-3488 (the "Surface Owner").
3. EP Energy and the Surface Owner have entered into a Damage Settlement and Release Agreement dated March 12, 2013 to cover any and all injuries or damages of every character and description sustained by the Surface Owner or Surface Owner's property as a result of operations associated with the drilling, completion and producing of the Well.

FURTHER AFFIANT SAYETH NOT.



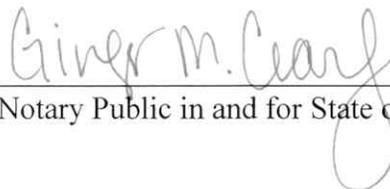
 Corie A. Mathews

ACKNOWLEDGMENT

STATE OF TEXAS §
 §
 COUNTY OF HARRIS §

This instrument was acknowledged before me on this the 19th day of March, 2013 by Corie A. Mathews as a Landman for EP ENERGY E&P COMPANY, L.P., a Delaware limited partnership, on behalf of said partnership and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.





 Notary Public in and for State of Texas

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EP Energy E&P Company, L.P.

Related Surface Information

1. Current Surface Use:

- Livestock Grazing and Oil and Gas Production.

2. Proposed Surface Disturbance:

- The road will be crown and ditch. Water wings will be constructed on the access road as needed.
- The topsoil will be windrowed and re-spread in the borrow area.
- New road to be constructed will be approximately 1.2 miles in length and 66 feet wide.
- All equipment and vehicles will be confined to the access road, pad and area specified in the APD.

3. Location Of Existing Wells:

- Existing oil, gas wells within one (1) mile radius of proposed well are provided in EXHIBIT C.

4. Location And Type Of Drilling Water Supply:

- Drilling water: Roosevelt City Water

5. Existing/Proposed Facilities For Productive Well:

- There are no existing facilities that will be utilized for this well.
- A pipeline corridor 1.2 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
- Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

6. Construction Materials:

- Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.

7. Methods For Handling Waste Disposal:

- The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of ½ the total depth below the original ground surface on the lowest point with the pit. The pit will be lined with a 20-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be placed in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
- Garbage and other trash will be contained in the portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig moving off location and hauled to an authorized disposal site.
- Sewage will be handled in Portable Toilets.
- Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from the location at a later date.
- Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's

8. Ancillary Facilities:

- There will be no ancillary facilities associated with this project.

9. Surface Reclamation Plans:

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared.

- Seed will be planted after September 15th, and prior to ground frost, or seed will be planted after the frost has left and before May 15th. Slopes to steep for machinery will be hand broadcast and raked with twice the specified amount of seed.
 1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
 2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
 3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.
- Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.
 1. All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
 2. Landowner will be contacted for rehabilitation requirements.

10. Surface Ownership:

Kendall Investments, L.L.C.
1638 East Gordon Avenue
Layton, Utah 84040
801-726-3488

Other Information:

- The surface soil consists of clay, and silt.
- Flora – vegetation consists of the following: Sagebrush, Juniper and prairie grasses.
- Fauna – antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
- Current surface uses – Livestock grazing and mineral exploration and production.

• **Operator and Contact Persons:**

Construction and Reclamation:

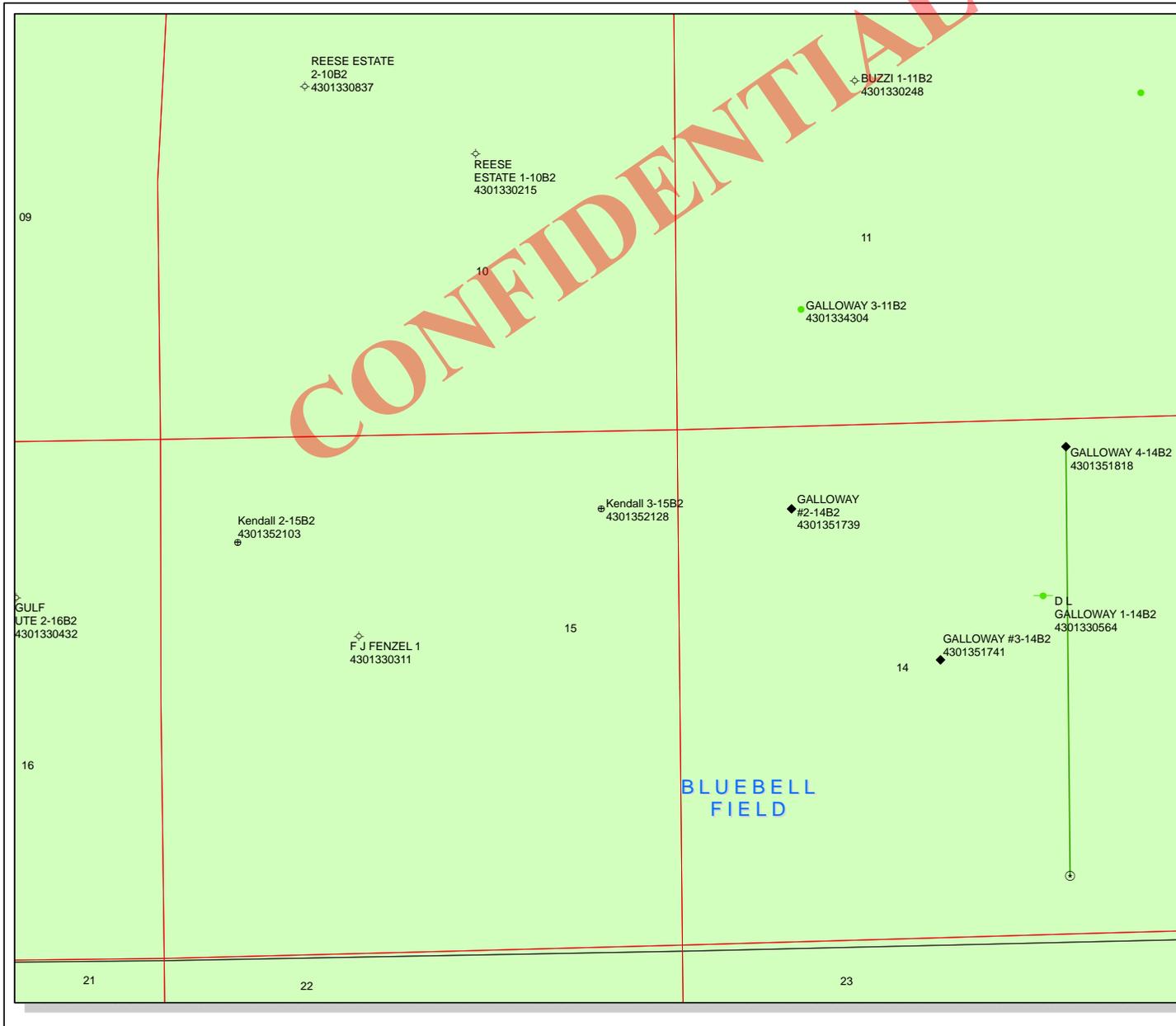
EP Energy E&P Company, L.P.
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

Regarding This APD

EP Energy E&P Company, L.P.
Maria S. Gomez
1001 Louisiana, Rm 2730D
Houston, Texas 77002
713-997-5038 – Office

Drilling

EP Energy E&P Company, L.P.
Brad MacAfee – Drilling Engineer
1001 Louisiana, Rm 2660A
Houston, Texas 77002
713-997-6383 – office
281-813-0902 – Cell

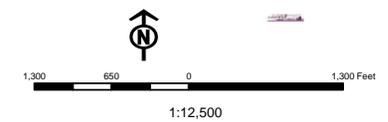


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API Number: 4301352128
Well Name: Kendall 3-15B2
Township T02.0S Range R02.0W Section 15
Meridian: UBM
 Operator: EP ENERGY E&P COMPANY, L.P.

Map Prepared:
 Map Produced by Diana Mason

- Units**
- ACTIVE
 - EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PI OIL
 - PP GAS
 - PP GEOTHERMAL
 - PP OIL
 - SECONDARY
 - TERMINATED
- Fields**
- Unknown
 - ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - STORAGE
 - TERMINATED



Well Name	EP ENERGY E&P COMPANY, L.P. Kendall 3-15B2 43013521280000			
String	Cond	Surf	I1	L1
Casing Size(")	13.375	9.625	7.000	4.500
Setting Depth (TVD)	1000	5400	10250	13300
Previous Shoe Setting Depth (TVD)	0	1000	5400	10250
Max Mud Weight (ppg)	8.8	9.5	11.5	14.5
BOPE Proposed (psi)	1000	5000	5000	10000
Casing Internal Yield (psi)	2730	5750	11220	12410
Operators Max Anticipated Pressure (psi)	10028			14.5

Calculations	Cond String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	458	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	338	YES <input type="checkbox"/> 4.5" by 20.0" rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	238	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	238	NO <input type="checkbox"/> OK <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

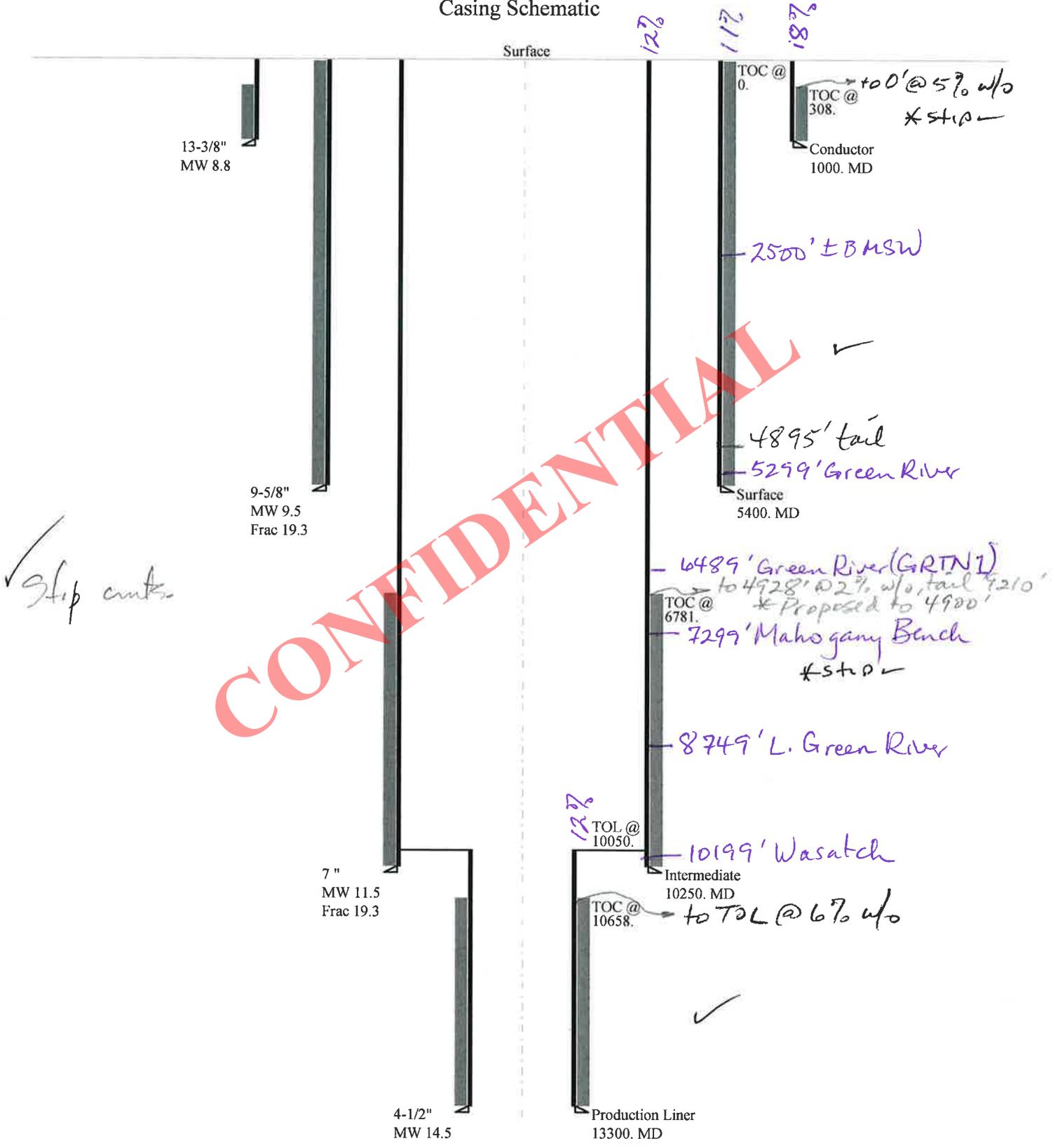
Calculations	Surf String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	2668	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2020	YES <input type="checkbox"/> 4.5 x 13 3/8
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1480	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1700	NO <input type="checkbox"/> OK <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		4025	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	6130	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	4900	YES <input type="checkbox"/> 5M BOP stack, 5M Annular, 5M kill lines,
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	3875	YES <input type="checkbox"/> choke manifold
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	5063	YES <input type="checkbox"/> OK <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		7854	psi
*Max Pressure Allowed @ Previous Casing Shoe=		5400	psi *Assumes 1psi/ft frac gradient

Calculations	L1 String	4.500	"
Max BHP (psi)	.052*Setting Depth*MW=	10028	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	8432	YES <input type="checkbox"/> 10M BOE w/rotating head, 5M annular, blind
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	7102	YES <input type="checkbox"/> rams & mud cross
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	9357	YES <input type="checkbox"/> OK <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		8687	psi
*Max Pressure Allowed @ Previous Casing Shoe=		10250	psi *Assumes 1psi/ft frac gradient

43013521280000 Kendall 3-15B2

Casing Schematic



Well name:	43013521280000 Kendall 3-15B2	
Operator:	EP ENERGY E&P COMPANY, L.P.	
String type:	Conductor	Project ID: 43-013-52128
Location:	DUCHESNE 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: 88 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft
Cement top: 308 ft

Burst

Max anticipated surface pressure: 337 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 457 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)

Non-directional string.

Tension is based on air weight.
Neutral point: 870 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1000	13.375	54.50	J-55	ST&C	1000	1000	12.49	12408
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	457	1130	2.472	457	2730	5.97	54.5	514	9.43 J

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

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

Date: June 25, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013521280000 Kendall 3-15B2	
Operator:	EP ENERGY E&P COMPANY, L.P.	
String type:	Surface	Project ID: 43-013-52128
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 150 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Burst:

Design factor 1.00

Cement top: Surface

Burst

Max anticipated surface pressure: 3,868 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,056 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 air weight.
Neutral point: 4,637 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 10,250 ft
Next mud weight: 11.500 ppg
Next setting BHP: 6,123 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 5,400 ft
Injection pressure: 5,400 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	5400	9.625	40.00	N-80	LT&C	5400	5400	8.75	68714
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	2665	3090	1.160	5056	5750	1.14	216	737	3.41 J

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

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

Date: June 25, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 5400 ft, a mud weight of 9.5 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:	43013521280000 Kendall 3-15B2	
Operator:	EP ENERGY E&P COMPANY, L.P.	
String type:	Intermediate	Project ID: 43-013-52128
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 11.500 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: 218 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft
Cement top: 6,781 ft

Burst

Max anticipated surface pressure: 7,092 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 9,347 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: 8,466 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 13,300 ft
Next mud weight: 14.500 ppg
Next setting BHP: 10,018 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 10,250 ft
Injection pressure: 10,250 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	10250	7	29.00	P-110	LT&C	10250	10250	6.059	115749
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	6123	8530	1.393	9347	11220	1.20	297.3	797	2.68 J

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

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

Date: June 25, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 10250 ft, a mud weight of 11.5 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:	43013521280000 Kendall 3-15B2	
Operator:	EP ENERGY E&P COMPANY, L.P.	
String type:	Production Liner	Project ID: 43-013-52128
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 14.500 ppg
Internal fluid density: 0.800 ppg

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 260 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 10,658 ft

Liner top: 10,050 ft

Non-directional string.

Burst

Max anticipated surface pressure: 7,092 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 10,018 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: 12,594 ft

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	3300	4.5	13.50	P-110	LT&C	13300	13300	3.795	18490
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	9465	10680	1.128	10018	12410	1.24	44.5	338	7.59 J

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

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

Date: June 25, 2013
Salt Lake City, Utah

Remarks:

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 13300 ft, a mud weight of 14.5 ppg. An Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator EP ENERGY E&P COMPANY, L.P.
Well Name Kendall 3-15B2
API Number 43013521280000 **APD No** 7842 **Field/Unit** BLUEBELL
Location: 1/4,1/4 NENE **Sec** 15 **Tw** 2.0S **Rng** 2.0W 737 FNL 786 FEL
GPS Coord (UTM) **Surface Owner** Kendall Investments, L.L.C.

Participants

Mike Kendall (Surface owner); Wayne Garner (E&P Energy); Heather Ivie (E&P Land Person); Ryan Allred (Allred Surveying); Dennis Ingram (DOGM)

Regional/Local Setting & Topography

The Kendall 3-15B2 is proposed in northeastern Utah approximately 5.2 miles west of Roosevelt, and accessed from Hancock Cove. The topography at this site is mostly semi-flat sandstone that slopes to the northeast in pinion-juniper habitat. Several deep, sandy washes are found immediately north of this staking and the location does overlap the upper edge of them. The elevation rises gently to the north. The most noteworthy drainage in this area is Dry Gulch Creek found 3.5 miles to the west and runs in a southeasterly direction.

Surface Use Plan

Current Surface Use

Recreational
Wildlife Habitat

New Road Miles

1.2

Well Pad

Width 342 **Length** 425

Src Const Material

Onsite

Surface Formation

UNTA

Ancillary Facilities N

Upgrade existing road and construct new road into location.

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Pinion-juniper, sagebrush, prickly pear cactus; potential mule deer and elk over winter, coyote, mountain lion, raccoon, fox, rabbit, and other smaller mammals and birds native to region.

Soil Type and Characteristics

Fine-grained reddish blow sand with sandstone outcroppings

Erosion Issues Y

Sedimentation Issues Y

Site Stability Issues N

Drainage Diversion Required? Y

Divert any drainage issues around location

Berm Required? Y

location and tanks

Erosion Sedimentation Control Required? Y

silt fencing below location to the north or down slope to prevent movement of loose soils and sands

Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? N Cultural Resources? N**Reserve Pit****Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	High permeability	20
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		25 Sensitivity Level

Characteristics / Requirements

Proposed off the southern side of location in cut and into sandstone ledge rock, measuring 110' wide by 150' long by 12' deep. Pit might need blasting.

Closed Loop Mud Required? Liner Required? Y Liner Thickness 20 Pit Underlayment Required?**Other Observations / Comments**

The Kendall 3-15B2 was staked across two washes that are cut ten or more feet into sandstone and drain easterly into pinion/juniper habitat. E&P Energy, the landowner and the State agreed this location needs moved southwest onto a nearly flat bench above this wash, and is closer to the center of the quarter than the present location. Well was restaked to accommodate landowner and construction efforts to 973' FNL, 913' FEL which prevented this well from straddling several deep washes.

Dennis Ingram
Evaluator

6/11/2013
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
7842	43013521280000	LOCKED	OW	P	No
Operator	EP ENERGY E&P COMPANY, L.P.		Surface Owner-APD	Kendall Investments, L.L.C.	
Well Name	Kendall 3-15B2		Unit		
Field	BLUEBELL		Type of Work	DRILL	
Location	NENE 15 2S 2W U 737 FNL (UTM) 577394E 4463002N		786 FEL GPS Coord		

Geologic Statement of Basis

EP proposes to set 1,000' of conductor and 5,400 feet of surface casing which will be cemented to surface. The surface hole will be drilled utilizing a fresh water mud system. The estimated depth to the base of moderately saline ground water is 2,500 feet. A search of Division of Water Rights records indicates that there are over 70 water wells within a 10,000 foot radius of the center of Section 15. The nearest well is approximately .75 miles from the proposed location with a depth of 500'. A number of these wells are owned by Roosevelt City and used for municipal water. Wells range in depth from 117 to 975 feet. Listed uses are domestic, municipal, fish culture, irrigation, oil exploration and stock watering. The wells in this area probably produce water from the Duchesne River Formation. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill
APD Evaluator

6/20/2013
Date / Time

Surface Statement of Basis

A second presite visit was scheduled and done for the Kendall 3-15B2 on June 11, 2013 to see whether the new well staking worked better for E&P Energy and the landowner. Mike Kendall was invited as the landowner but did not attend; he had, however, made it to the first presite and looked at the site where this well was moved.

The surfaced slopes gently toward the north with several deep washes cut eight to ten feet into sandy soils. However, most of the new staking surface is sandstone. Silt fencing should probably be utilized below the if side of the location to the north to prevent movement of sands and soils into those washes. A reserve pit is proposed immediately off the south side of the location in cut, with sandstone shelves at the surface--blasting might be needed to cut the pit. The reserve pit shall be lined with a 20 mil synthetic liner to prevent drilling fluids migrating. No other issues were noted at the presite meeting.

Dennis Ingram
Onsite Evaluator

6/11/2013
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils shall be properly installed and maintained in the reserve pit.
Pits	The reserve pit should be located on the south side of the location.

Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Silt fencing below the northern fill side of the location to prevent movement of soils into the wash.

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 4/4/2013

API NO. ASSIGNED: 43013521280000

WELL NAME: Kendall 3-15B2

OPERATOR: EP ENERGY E&P COMPANY, L.P. (N3850)

PHONE NUMBER: 713 997-5038

CONTACT: Maria S. Gomez

PROPOSED LOCATION: NENE 15 020S 020W

Permit Tech Review:

SURFACE: 0737 FNL 0786 FEL

Engineering Review:

BOTTOM: 0737 FNL 0786 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.31396

LONGITUDE: -110.08914

UTM SURF EASTINGS: 577394.00

NORTHINGS: 4463002.00

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/FEE - 400JU0708
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: Roosevelt City
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-84
- Effective Date: 12/31/2008
- Siting: 4 Prod LGRRV-WSTC Wells
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhll
8 - Cement to Surface -- 2 strings - hmadonald
12 - Cement Volume (3) - ddoucet



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: Kendall 3-15B2
API Well Number: 43013521280000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 7/22/2013

Issued to:

EP ENERGY E&P COMPANY, L.P., 1001 Louisiana, Houston, TX 77002

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 Cause 139-84. 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

General:

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

Conditions of Approval:

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

Cement volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 4900' as indicated in the submitted drilling plan.

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:

Approved by:

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

For John Rogers
Associate Director, Oil & Gas



Carol Daniels <caroldaniels@utah.gov>

Kendall 3-15B2 24hr Spud & Set Casing Notice

1 message

LANDRIG006 (Patterson 306) <LANDRIG006@epenergy.com>

Mon, Jan 13, 2014 at 11:46 AM

To: Alexis <alexishuefner@utah.gov>, Carol <caroldaniels@utah.gov>, Dennis <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

RE: EP ENERGY

25 2W 15

Kendall 3-15B2

API# 43013521280000

DUCHESNE CO., UTAH

Leon Ross Drilling Rig 26 spudded the well @09:00hrs 1/13/2013 and plan to set +/-650' of 13 3/8" casing within 24hrs. Drilling will resume when Patterson 306 is mobilized to location within the next +/-30 days.

EP Energy

Patterson 306

Well Site Supervisor

713-997-1215

RECEIVED

JAN 13 2014

DIV. OF OIL, GAS & MINING





Alexis Huefner <alexishuefner@utah.gov>

Kendall 3-15B2 24hr Spud & Set Casing Notice

1 message

LANDRIG006 (Patterson 306) <LANDRIG006@epenergy.com>

Mon, Jan 13, 2014 at 11:46 AM

To: Alexis <alexishuefner@utah.gov>, Carol <caroldaniels@utah.gov>, Dennis <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

RE: EP ENERGY

Kendall 3-15B2

API # 43013521280000

DUCHESNE CO., UTAH

137 FNL 156 FEL

NENE 15 25 2W

CONFIDENTIAL

Leon Ross Drilling Rig 26 spudded the well @09:00hrs 1/13/2013 and plan to set +/-650' of 13 3/8" casing within 24hrs. Drilling will resume when Patterson 306 is mobilized to location within the next +/-30 days.

EP Energy

Patterson 306

Well Site Supervisor

713-997-1215



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

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:

9. API NUMBER:

10 FIELD AND POOL, OR WILDCAT

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

12. COUNTY 13. STATE **UTAH**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____
 b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

2. NAME OF OPERATOR:
EP Energy E&P Company, L.P.

3. ADDRESS OF OPERATOR: **1001 Louisiana** CITY **Houston** STATE **TX** ZIP **77002** PHONE NUMBER: **(713) 997-5038**

4. LOCATION OF WELL (FOOTAGES)
 AT SURFACE: _____
 AT TOP PRODUCING INTERVAL REPORTED BELOW: _____
 AT TOTAL DEPTH: _____

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

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

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Sonic, Gamma Ray, Resistivity & Neutron Density

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17.5									
12.25									
8.75									
6.125									

25. TUBING RECORD

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

26. PRODUCING INTERVALS

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

27. PERFORATION RECORD

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

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

WAS WELL HYDRAULICALLY FRACTURED? YES NO IF YES -- DATE FRACTURED: _____

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

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

30. WELL STATUS:

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

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

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

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

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) _____ TITLE _____

SIGNATURE _____ DATE _____

This report must be submitted within 30 days of

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

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

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

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

Phone: 801-538-5340

Fax: 801-359-3940

Attachment to Well Completion Report**Form 8 Dated June 10, 2014****Well Name: Kendall 3-15B2****Items #27 and #28 Continued****27. Perforation Record**

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
11847'-12098'	.43	69	Open
11523'-11809'	.43	69	Open
11239'-11482'	.43	69	Open
10930'-11211'	.43	69	Open

28. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12139'-12390'	5000 gal acid, 3000# 100 mesh, 150620# 20/40 PowerProp
11847'-12098'	5000 gal acid, 3000# 100 mesh, 150940# 20/40 PowerProp
11523'-11809'	5000 gal acid, 3000# 100 mesh, 155960# 20/40 PowerProp
11239'-11482'	5000 gal acid, 3000# 100 mesh, 150360# 20/40 PowerProp
10930'-11211'	5000 gal acid, 3000# 100 mesh, 152840# 20/40 PowerProp



Company: EP Energy

Job Number:

Calculation Method Minimum Curvature

Well: Kendall 3-15B2

Mag Decl.:

Proposed Azimuth 0.00

Location: Duchesne, UT

Dir Driller:

Depth Reference KB

Rig: Patterson 306

MWD Eng:

Tie Into: Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')		
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth					
Tie In	0.00	0.00	0.00												
1	100.00	0.27	128.96	100.00	100.00	-0.15	0.15	S	0.18	E	0.23	128.96	0.27	0.27	128.96
2	200.00	0.19	110.83	100.00	200.00	-0.35	0.35	S	0.52	E	0.63	124.17	0.10	-0.07	-18.13
3	300.00	0.24	112.95	100.00	300.00	-0.49	0.49	S	0.87	E	1.00	119.64	0.04	0.04	2.12
4	400.00	0.39	181.90	100.00	400.00	-0.91	0.91	S	1.04	E	1.38	131.06	0.37	0.15	68.95
5	500.00	0.04	214.49	100.00	500.00	-1.28	1.28	S	1.01	E	1.63	141.56	0.35	-0.35	32.59
6	600.00	0.32	178.66	100.00	600.00	-1.59	1.59	S	1.00	E	1.87	147.82	0.29	0.28	-35.83
7	700.00	0.37	198.73	100.00	699.99	-2.17	2.17	S	0.90	E	2.35	157.48	0.13	0.05	20.07
8	800.00	0.80	205.17	100.00	799.99	-3.11	3.11	S	0.50	E	3.15	170.86	0.43	0.43	6.44
9	900.00	0.63	208.80	100.00	899.98	-4.22	4.22	S	0.06	W	4.22	180.80	0.18	-0.18	3.63
10	1000.00	1.16	199.51	100.00	999.97	-5.66	5.66	S	0.66	W	5.69	186.66	0.56	0.54	-9.29
11	1100.00	1.23	208.56	100.00	1099.95	-7.56	7.56	S	1.51	W	7.71	191.32	0.20	0.07	9.05
12	1200.00	1.53	204.30	100.00	1199.92	-9.72	9.72	S	2.58	W	10.05	194.85	0.32	0.30	-4.27
13	1300.00	1.16	192.42	100.00	1299.89	-11.92	11.92	S	3.34	W	12.38	195.67	0.47	-0.38	-11.87
14	1400.00	1.29	194.96	100.00	1399.87	-13.99	13.99	S	3.85	W	14.51	195.39	0.14	0.13	2.54
15	1500.00	1.36	193.04	100.00	1499.84	-16.23	16.23	S	4.41	W	16.81	195.19	0.09	0.07	-1.92
16	1600.00	1.37	179.61	100.00	1599.81	-18.58	18.58	S	4.67	W	19.15	194.10	0.32	0.01	-13.44
17	1700.00	1.32	182.75	100.00	1699.78	-20.92	20.92	S	4.71	W	21.44	192.70	0.09	-0.05	3.14
18	1800.00	1.50	190.98	100.00	1799.75	-23.35	23.35	S	5.02	W	23.88	192.13	0.27	0.18	8.23
19	1900.00	1.57	171.65	100.00	1899.72	-25.99	25.99	S	5.07	W	26.48	191.03	0.52	0.08	-19.33
20	2000.00	1.29	179.29	100.00	1999.69	-28.47	28.47	S	4.85	W	28.88	189.67	0.34	-0.28	7.64
21	2100.00	1.75	179.21	100.00	2099.65	-31.12	31.12	S	4.82	W	31.49	188.80	0.45	0.45	-0.08
22	2200.00	1.13	173.53	100.00	2199.62	-33.63	33.63	S	4.69	W	33.95	187.93	0.63	-0.62	-5.68
23	2300.00	1.42	185.81	100.00	2299.60	-35.84	35.84	S	4.70	W	36.15	187.47	0.40	0.29	12.28
24	2400.00	1.15	195.77	100.00	2399.57	-38.04	38.04	S	5.10	W	38.38	187.63	0.35	-0.27	9.97
25	2500.00	1.17	176.15	100.00	2499.55	-40.03	40.03	S	5.30	W	40.38	187.55	0.40	0.01	-19.63
26	2600.00	1.26	185.08	100.00	2599.53	-42.13	42.13	S	5.33	W	42.47	187.21	0.21	0.09	8.93
27	2700.00	1.28	181.39	100.00	2699.50	-44.34	44.34	S	5.46	W	44.68	187.02	0.08	0.02	-3.69
28	2800.00	1.25	186.87	100.00	2799.48	-46.54	46.54	S	5.62	W	46.88	186.88	0.12	-0.03	5.48
29	2900.00	1.31	185.14	100.00	2899.45	-48.76	48.76	S	5.85	W	49.11	186.84	0.07	0.06	-1.73
30	2958.00	1.24	194.61	58.00	2957.44	-50.02	50.02	S	6.06	W	50.39	186.91	0.38	-0.12	16.31
31	3067.00	1.09	206.85	109.00	3066.42	-52.09	52.09	S	6.83	W	52.53	187.47	0.26	-0.13	11.23
32	3161.00	0.46	301.26	94.00	3160.41	-52.69	52.69	S	7.56	W	53.23	188.16	1.29	-0.67	100.44
33	3256.00	1.71	4.39	95.00	3255.39	-51.08	51.08	S	7.77	W	51.67	188.65	1.64	1.32	-312.49
34	3350.00	2.96	9.56	94.00	3349.31	-47.29	47.29	S	7.26	W	47.84	188.73	1.35	1.33	5.50
35	3445.00	2.85	13.25	95.00	3444.19	-42.57	42.57	S	6.31	W	43.03	188.44	0.23	-0.12	3.88



Company: EP Energy

Job Number:

Calculation Method Minimum Curvature

Well: Kendall 3-15B2

Mag Decl.:

Proposed Azimuth 0.00

Location: Duchesne, UT

Dir Driller:

Depth Reference KB

Rig: Patterson 306

MWD Eng:

Tie Into: Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')		
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth					
36	3539.00	2.54	9.70	94.00	3538.09	-38.24	38.24	S	5.43	W	38.62	188.08	0.37	-0.33	-3.78
37	3634.00	2.90	13.56	95.00	3632.98	-33.83	33.83	S	4.51	W	34.13	187.59	0.42	0.38	4.06
38	3728.00	2.39	8.78	94.00	3726.88	-29.58	29.58	S	3.65	W	29.81	187.04	0.59	-0.54	-5.09
39	3823.00	3.34	18.18	95.00	3821.76	-24.99	24.99	S	2.49	W	25.12	185.68	1.11	1.00	9.89
40	3917.00	2.35	18.03	94.00	3915.64	-20.56	20.56	S	1.04	W	20.59	182.89	1.05	-1.05	-0.16
41	4011.00	2.99	18.86	94.00	4009.54	-16.41	16.41	S	0.35	E	16.41	178.77	0.68	0.68	0.88
42	4106.00	2.45	13.68	95.00	4104.44	-12.09	12.09	S	1.63	E	12.20	172.30	0.62	-0.57	-5.45
43	4200.00	3.14	17.32	94.00	4198.32	-7.68	7.68	S	2.88	E	8.20	159.47	0.76	0.73	3.87
44	4295.00	3.34	19.79	95.00	4293.17	-2.59	2.59	S	4.59	E	5.27	119.46	0.26	0.21	2.60
45	4389.00	3.88	16.79	94.00	4386.98	3.03	3.03	N	6.43	E	7.11	64.78	0.61	0.57	-3.19
46	4483.00	3.40	16.41	94.00	4480.79	8.75	8.75	N	8.14	E	11.95	42.93	0.51	-0.51	-0.40
47	4577.00	3.60	7.47	94.00	4574.62	14.35	14.35	N	9.31	E	17.10	32.98	0.62	0.21	-9.51
48	4672.00	3.12	359.10	95.00	4669.46	19.89	19.89	N	9.66	E	22.11	25.90	0.72	-0.51	370.14
49	4766.00	3.48	1.39	94.00	4763.30	25.30	25.30	N	9.69	E	27.09	20.95	0.41	0.38	-380.54
50	4860.00	3.52	6.37	94.00	4857.13	31.02	31.02	N	10.08	E	32.62	17.99	0.33	0.04	5.30
51	4955.00	3.79	9.75	95.00	4951.93	37.01	37.01	N	10.93	E	38.59	16.45	0.36	0.28	3.56
52	5049.00	3.58	8.54	94.00	5045.74	42.98	42.98	N	11.89	E	44.59	15.47	0.24	-0.22	-1.29
53	5143.00	3.74	9.69	94.00	5139.55	48.90	48.90	N	12.84	E	50.56	14.72	0.19	0.17	1.22
54	5238.00	3.57	11.87	95.00	5234.35	54.85	54.85	N	13.97	E	56.60	14.29	0.23	-0.18	2.29
55	5332.00	3.77	12.70	94.00	5328.16	60.73	60.73	N	15.26	E	62.62	14.10	0.22	0.21	0.88
56	5427.00	2.68	1.39	95.00	5423.01	66.00	66.00	N	16.00	E	67.91	13.62	1.32	-1.15	-11.91
57	5521.00	2.78	353.06	94.00	5516.90	70.46	70.46	N	15.77	E	72.20	12.62	0.43	0.11	374.12
58	5615.00	3.24	359.39	94.00	5610.77	75.38	75.38	N	15.47	E	76.95	11.60	0.60	0.49	6.73
59	5710.00	3.62	356.25	95.00	5705.60	81.05	81.05	N	15.25	E	82.47	10.65	0.45	0.40	-3.31
60	5804.00	3.76	357.80	94.00	5799.41	87.09	87.09	N	14.93	E	88.36	9.73	0.18	0.15	1.65
61	5898.00	3.33	344.30	94.00	5893.23	92.80	92.80	N	14.08	E	93.86	8.63	1.00	-0.46	-14.36
62	5993.00	2.49	325.64	95.00	5988.11	97.16	97.16	N	12.17	E	97.92	7.14	1.32	-0.88	-19.64
63	6087.00	1.98	334.97	94.00	6082.04	100.32	100.32	N	10.33	E	100.85	5.88	0.66	-0.54	9.93
64	6181.00	2.30	349.56	94.00	6175.97	103.65	103.65	N	9.30	E	104.06	5.13	0.67	0.34	15.52
65	6276.00	3.26	357.67	95.00	6270.86	108.22	108.22	N	8.84	E	108.58	4.67	1.09	1.01	8.54
66	6370.00	3.43	355.26	94.00	6364.70	113.69	113.69	N	8.50	E	114.01	4.28	0.23	0.18	-2.56
67	6465.00	3.52	354.53	95.00	6459.52	119.43	119.43	N	7.99	E	119.69	3.83	0.11	0.09	-0.77
68	6559.00	2.64	335.42	94.00	6553.39	124.27	124.27	N	6.81	E	124.45	3.14	1.43	-0.94	-20.33
69	6653.00	2.40	342.45	94.00	6647.30	128.11	128.11	N	5.32	E	128.22	2.38	0.42	-0.26	7.48
70	6748.00	3.00	2.94	95.00	6742.19	132.49	132.49	N	4.85	E	132.58	2.09	1.19	0.63	-357.38
71	6843.00	3.12	354.14	95.00	6837.06	137.55	137.55	N	4.71	E	137.63	1.96	0.51	0.13	369.68
72	6937.00	2.60	351.73	94.00	6930.94	142.20	142.20	N	4.14	E	142.26	1.67	0.57	-0.55	-2.56



Company: EP Energy
 Well: Kendall 3-15B2
 Location: Duchesne, UT
 Rig: Patterson 306

Job Number: _____
 Mag Decl.: _____
 Dir Driller: _____
 MWD Eng: _____

Calculation Method Minimum Curvature
 Proposed Azimuth 0.00
 Depth Reference KB
 Tie Into: Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')		
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth					
73	7032.00	1.56	337.77	95.00	7025.88	145.53	145.53	N	3.34	E	145.57	1.32	1.21	-1.09	-14.69
74	7126.00	1.17	319.62	94.00	7119.85	147.45	147.45	N	2.24	E	147.46	0.87	0.61	-0.41	-19.31
75	7231.00	1.69	355.06	105.00	7224.82	149.81	149.81	N	1.41	E	149.81	0.54	0.95	0.50	33.75
76	7315.00	2.63	3.09	84.00	7308.76	152.96	152.96	N	1.41	E	152.97	0.53	1.17	1.12	-419.01
77	7409.00	2.41	2.02	94.00	7402.67	157.09	157.09	N	1.59	E	157.10	0.58	0.24	-0.23	-1.14
78	7504.00	1.49	340.04	95.00	7497.62	160.25	160.25	N	1.24	E	160.26	0.44	1.23	-0.97	355.81
79	7598.00	1.68	343.53	94.00	7591.58	162.72	162.72	N	0.43	E	162.72	0.15	0.23	0.20	3.71
80	7693.00	1.06	342.87	95.00	7686.55	164.90	164.90	N	0.22	W	164.90	359.92	0.65	-0.65	-0.69
81	7787.00	0.45	349.43	94.00	7780.54	166.09	166.09	N	0.54	W	166.09	359.81	0.65	-0.65	6.98
82	7881.00	0.38	228.20	94.00	7874.54	166.24	166.24	N	0.84	W	166.25	359.71	0.77	-0.07	-128.97
83	7976.00	1.11	206.23	95.00	7969.53	165.21	165.21	N	1.49	W	165.22	359.48	0.81	0.77	-23.13
84	8070.00	1.67	198.18	94.00	8063.51	163.09	163.09	N	2.32	W	163.11	359.19	0.63	0.60	-8.56
85	8165.00	2.23	197.14	95.00	8158.45	160.01	160.01	N	3.29	W	160.04	358.82	0.59	0.59	-1.09
86	8259.00	2.55	197.82	94.00	8252.37	156.27	156.27	N	4.47	W	156.34	358.36	0.34	0.34	0.72
87	8353.00	1.76	211.38	94.00	8346.30	153.05	153.05	N	5.86	W	153.16	357.81	0.99	-0.84	14.43
88	8448.00	1.20	224.58	95.00	8441.27	151.09	151.09	N	7.32	W	151.27	357.23	0.69	-0.59	13.89
89	8542.00	1.78	202.63	94.00	8535.24	149.05	149.05	N	8.57	W	149.29	356.71	0.86	0.62	-23.35
90	8637.00	2.27	194.06	95.00	8630.18	145.86	145.86	N	9.60	W	146.17	356.23	0.60	0.52	-9.02
91	8731.00	2.75	193.33	94.00	8724.09	141.86	141.86	N	10.57	W	142.25	355.74	0.51	0.51	-0.78
92	8826.00	1.98	175.28	95.00	8819.01	138.01	138.01	N	10.96	W	138.44	355.46	1.12	-0.81	-19.00
93	8920.00	1.66	124.41	94.00	8912.97	135.62	135.62	N	9.70	W	135.96	355.91	1.69	-0.34	-54.12
94	9014.00	1.92	149.41	94.00	9006.92	133.49	133.49	N	7.78	W	133.72	356.66	0.87	0.28	26.60
95	9109.00	2.36	169.54	95.00	9101.86	130.20	130.20	N	6.61	W	130.37	357.09	0.91	0.46	21.19
96	9203.00	3.04	170.80	94.00	9195.75	125.84	125.84	N	5.86	W	125.97	357.33	0.73	0.72	1.34
97	9298.00	2.52	163.22	95.00	9290.64	121.35	121.35	N	4.86	W	121.45	357.71	0.67	-0.55	-7.98
98	9392.00	1.28	145.20	94.00	9384.59	118.51	118.51	N	3.66	W	118.56	358.23	1.45	-1.32	-19.17
99	9487.00	1.19	145.63	95.00	9479.57	116.82	116.82	N	2.50	W	116.85	358.77	0.10	-0.09	0.45
100	9581.00	1.90	175.93	94.00	9573.53	114.46	114.46	N	1.84	W	114.48	359.08	1.13	0.76	32.23
101	9676.00	1.94	213.30	95.00	9668.48	111.55	111.55	N	2.61	W	111.58	358.66	1.30	0.04	39.34
102	9770.00	2.05	212.40	94.00	9762.43	108.80	108.80	N	4.38	W	108.89	357.69	0.12	0.12	-0.96
103	9865.00	1.27	219.41	95.00	9857.38	106.55	106.55	N	5.96	W	106.72	356.80	0.85	-0.82	7.38
104	9959.00	1.27	326.54	94.00	9951.37	106.61	106.61	N	7.20	W	106.86	356.14	2.17	0.00	113.97
105	10022.00	1.00	325.71	63.00	10014.36	107.65	107.65	N	7.89	W	107.94	355.81	0.43	-0.43	-1.32
106	10100.00	1.08	318.15	78.00	10092.35	108.76	108.76	N	8.77	W	109.11	355.39	0.20	0.10	-9.69
107	10200.00	0.85	273.07	100.00	10192.33	109.50	109.50	N	10.13	W	109.97	354.71	0.77	-0.23	-45.08
108	10300.00	1.03	221.51	100.00	10292.32	108.87	108.87	N	11.47	W	109.47	353.99	0.83	0.18	-51.56
109	10400.00	1.98	209.15	100.00	10392.29	106.69	106.69	N	12.90	W	107.47	353.11	0.99	0.95	-12.36



Company: EP Energy
 Well: Kendall 3-15B2
 Location: Duchesne, UT
 Rig: Patterson 306

Job Number: _____
 Mag Decl.: _____
 Dir Driller: _____
 MWD Eng: _____

Calculation Method Minimum Curvature
 Proposed Azimuth 0.00
 Depth Reference KB
 Tie Into: Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates			Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')	
							N/S (ft)	E/W (ft)		Distance (ft)	Direction Azimuth				
110	10500.00	1.50	191.84	100.00	10492.24	103.91	103.91	N	14.01	W	104.85	352.32	0.70	-0.48	-17.31
111	10600.00	1.69	181.02	100.00	10592.20	101.15	101.15	N	14.30	W	102.16	351.95	0.36	0.20	-10.82
112	10700.00	2.17	173.82	100.00	10692.15	97.79	97.79	N	14.12	W	98.80	351.78	0.54	0.48	-7.20
113	10800.00	2.53	176.88	100.00	10792.06	93.70	93.70	N	13.80	W	94.71	351.62	0.38	0.35	3.07
114	10900.00	2.70	178.54	100.00	10891.96	89.14	89.14	N	13.62	W	90.18	351.31	0.19	0.17	1.66
115	11000.00	2.75	182.84	100.00	10991.84	84.40	84.40	N	13.68	W	85.50	350.79	0.21	0.04	4.30
116	11100.00	3.05	186.62	100.00	11091.72	79.37	79.37	N	14.10	W	80.61	349.92	0.36	0.30	3.78
117	11200.00	3.01	183.90	100.00	11191.58	74.11	74.11	N	14.59	W	75.53	348.86	0.15	-0.04	-2.72
118	11300.00	2.99	182.45	100.00	11291.44	68.89	68.89	N	14.88	W	70.47	347.81	0.08	-0.02	-1.46
119	11400.00	2.95	187.57	100.00	11391.31	63.73	63.73	N	15.33	W	65.55	346.48	0.27	-0.04	5.13
120	11500.00	3.08	191.72	100.00	11491.17	58.55	58.55	N	16.21	W	60.75	344.52	0.25	0.13	4.15
121	11600.00	3.11	187.62	100.00	11591.02	53.24	53.24	N	17.12	W	55.92	342.17	0.22	0.03	-4.10
122	11700.00	2.90	192.30	100.00	11690.88	48.07	48.07	N	18.02	W	51.34	339.46	0.32	-0.20	4.68
123	11800.00	2.91	187.74	100.00	11790.76	43.09	43.09	N	18.90	W	47.05	336.32	0.23	0.00	-4.56
124	11900.00	3.00	190.59	100.00	11890.62	38.00	38.00	N	19.72	W	42.81	332.57	0.17	0.09	2.85
125	12000.00	3.05	189.18	100.00	11990.48	32.80	32.80	N	20.63	W	38.75	327.84	0.09	0.04	-1.40
126	12100.00	2.86	189.83	100.00	12090.35	27.72	27.72	N	21.48	W	35.06	322.23	0.19	-0.18	0.65
127	12200.00	2.74	197.48	100.00	12190.23	22.98	22.98	N	22.62	W	32.25	315.46	0.39	-0.13	7.65
128	12300.00	2.76	192.95	100.00	12290.12	18.36	18.36	N	23.87	W	30.12	307.57	0.22	0.02	-4.54
129	12400.00	2.83	187.55	100.00	12390.00	13.58	13.58	N	24.74	W	28.22	298.76	0.27	0.07	-5.39
130	12500.00	2.83	191.79	100.00	12489.88	8.72	8.72	N	25.57	W	27.01	288.83	0.21	0.01	4.24
131	12600.00	2.80	191.06	100.00	12589.76	3.90	3.90	N	26.54	W	26.82	278.37	0.05	-0.03	-0.73
132	12700.00	2.58	198.78	100.00	12689.65	-0.63	0.63	S	27.73	W	27.74	268.71	0.42	-0.22	7.72
133	12800.00	2.94	211.17	100.00	12789.53	-4.95	4.95	S	29.78	W	30.19	260.56	0.70	0.36	12.39
134	12900.00	2.71	201.33	100.00	12889.41	-9.35	9.35	S	31.97	W	33.31	253.70	0.54	-0.23	-9.84
135	13000.00	2.72	205.56	100.00	12989.30	-13.69	13.69	S	33.86	W	36.52	247.98	0.20	0.01	4.23
136	13100.00	2.63	201.99	100.00	13089.19	-17.97	17.97	S	35.74	W	40.00	243.31	0.19	-0.09	-3.58
137	13200.00	2.47	192.64	100.00	13189.09	-22.20	22.20	S	37.07	W	43.21	239.09	0.44	-0.16	-9.35
138	13300.00	2.61	197.29	100.00	13288.99	-26.48	26.48	S	38.22	W	46.50	235.29	0.24	0.13	4.66
139	13400.00	2.92	199.56	100.00	13388.87	-31.05	31.05	S	39.75	W	50.44	232.01	0.33	0.31	2.26
140	13485.00	2.89	200.08	85.00	13473.77	-35.10	35.10	S	41.21	W	54.13	229.58	0.04	-0.03	0.61
141	13600.00	2.89	200.08	115.00	13588.62	-40.54	40.54	S	43.20	W	59.25	226.82	0.00	0.00	0.00

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
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana, Houston, TX, 77002	8. WELL NAME and NUMBER: Kendall 3-15B2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0737 FNL 0786 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 15 Township: 02.0S Range: 02.0W Meridian: U	9. API NUMBER: 43013521280000
PHONE NUMBER: 713 997-5038 Ext	9. FIELD and POOL or WILDCAT: BLUEBELL
	COUNTY: DUCHESNE
	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: 2/17/2016	<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.
 EP plans to recomplete to Wasatch/LGR with a CBP @ 10910' and perf 9820'-10850'. See attached for details.

Approved by the
February 09, 2016
Oil, Gas and Mining

Date: _____
 By: Debra K. Duff

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 2/9/2016	

Kendall 3-15B2 Recom Summary Procedure

- POOH with rods, pump & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing and joints of rods.
- Set 15k CBP for 5" 18# casing @ 10,910'.
- Stage 1:
 - Perforate new UW interval from **10,610' – 10,850'**.
 - Prop frac perforations with **120,000** lbs 30/50 prop (w/ **6,000** lbs 100 mesh & **22,000** gals 15% HCl acid; STG 1 Recom).
- Stage 2:
 - RIH with 5" CBP & set @ **10,595'**.
 - Perforate new UW interval from **10,410' – 10,580'**.
 - Prop Frac Perforations with **75,000** lbs 30/50 prop (w/ **6,000** lbs 100 mesh & **16,000** gals 15% HCl acid; STG 2 Recom).
- Stage 3:
 - RIH w/ 5" CBP & set @ **10,395'**.
 - Perforate new UW interval from **10,160' – 10,380'**.
 - Prop Frac perforations with with **115,000** lbs 30/50 prop (w/ **6,000** lbs 100 mesh & **20,000** gals 15% HCl acid; STG 3 Recom).
- Stage 4:
 - RIH w/ 5" CBP & set @ **10,140'**.
 - Perforate new LGR interval from **9,950 – 10,125'**.
 - Acid frac perforations with **18,000** gals 15% HCl acid.
- Stage 5:
 - RIH w/ 5" CBL & set @ **9,935'**.
 - Perforate new LGR interval from **9,820' – 9,920'**.
 - Acif frac perforations with **10,000** gals 15% HCl acid.
- Clean out well drilling up (4) 5" CBPs leaving 5" 15k CBP @ 10,910'. (PBSD @ 10,910') Top perf BELOW plugs @ 10,930'.
- RIH w/ production tubing and rods.
- Clean location and resume production.

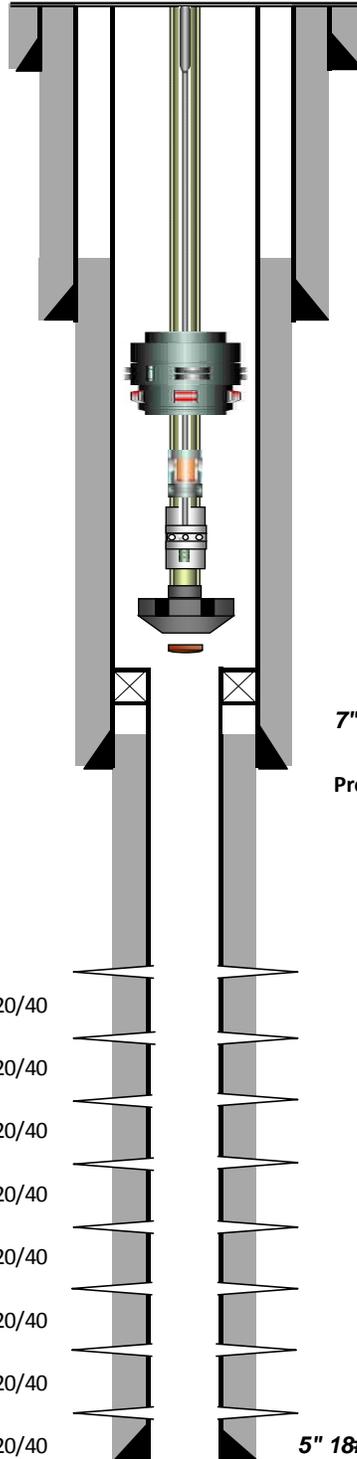
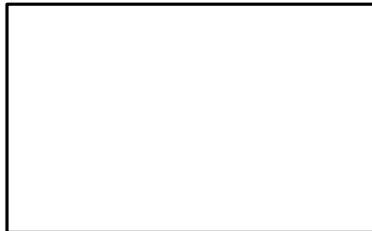


Pumping Wellbore Schematic

Well Name: **Kendall 3-15B2**
 Company Name: **EP Energy**
 Field, County, State: **Altamont, Duchesne, UT**
 Surface Location: **Lat: 40 18' 52.695" N Long: 110 05' 12.239" W**
 Producing Zone(s): **Upper Wasatch**

Last Updated: **9/23/2014**
 By: **Langlois**
 TD: **13592**
 API: **43013521280000**
 AFE: **160231**

8.43 ppg KCL substitute (Clay Webb Water) water in the wellbore



13-3/8" 54.5# J-55 STC @ 695 ft. MD

Estimated TOC at: 4,950 ft MD

9-5/8" 40# N-80 LTC @ 3000 ft. MD

7" Marker Joint at: 8,674 ft MD

Top of Liner at: 9,843 ft MD

Liner TOC at: 9,843 ft MD

7" 29# HCP-110 LTC @ 10080 ft. MD

Drift ID = 6.059"

Production Packer @ 9943 ft

Initial Completion Perf Information

- Stage #8 10930 - 11211 23' /69 shots**
5000 gal HCL & 155000 lbs Power Prop 20/40
- Stage #7 11239 - 11482 23' /69 shots**
5000 gal HCL & 150000 lbs Power Prop 20/40
- Stage #6 11523 - 11809 23' /69 shots**
5000 gal HCL & 155000 lbs Power Prop 20/40
- Stage #5 11847 - 12098 23' /69 shots**
5000 gal HCL & 150000 lbs Power Prop 20/40
- Stage #4 12139 - 12390 23' /69 shots**
5000 gal HCL & 150000 lbs Power Prop 20/40
- Stage #3 12444 - 12775 23' /69 shots**
5000 gal HCL & 150000 lbs Power Prop 20/40
- Stage #2 12826 - 13116 23' /69 shots**
5000 gal HCL & 140000 lbs Power Prop 20/40
- Stage #1 13157 - 13404 23' /69 shots**
5000 gal HCL & 140000 lbs Power Prop 20/40

Marker Joint 1 @: 11,570 ft MD

Marker Joint 2 @: 12,570 ft MD

Landing Collar @ 13,495 ft

Float Collar @ 13,542 ft

Float Shoe @ 13,592 ft

5" 18# P-110 STL @ 9843 - 13592 ft. MD

Drift ID = 4.151"

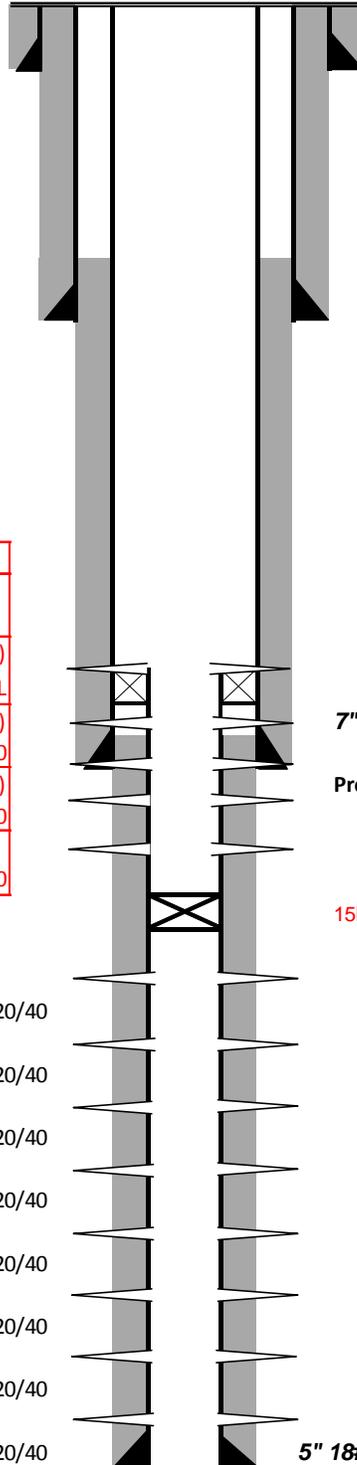


Proposed Recom Wellbore Schematic

Well Name: **Kendall 3-15B2**
 Company Name: **EP Energy**
 Field, County, State: **Altamont, Duchesne, UT**
 Surface Location: **Lat: 40 18' 52.695" N Long: 110 05' 12.239" W**
 Producing Zone(s): **Upper Wasatch**

Last Updated: **2/9/2016**
 By: **Krug**
 TD: **13592**
 API: **43013521280000**
 AFE: **160231**

8.43 ppg KCL substitute (Clay Webb Water) water in the wellbore



13-3/8" 54.5# J-55 STC @ 695 ft. MD

Estimated TOC at: 4,950 ft MD

9-5/8" 40# N-80 LTC @ 3000 ft. MD

7" Marker Joint at: 8,674 ft MD

Top of Liner at: 9,843 ft MD

Liner TOC at: 9,843 ft MD

7" 29# HCP-110 LTC @ 10080 ft. MD

Drift ID = 6.059"

Production Packer @ 9943 ft

15K CBP @ 10,910'

Marker Joint 1 @: 11,570 ft MD

Marker Joint 2 @: 12,570 ft MD

Landing Collar @ 13,495 ft

Float Collar @ 13,542 ft

Float Shoe @ 13,592 ft

5" 18# P-110 STL @ 9843 - 13592 ft. MD

Drift ID = 4.151"

2016 PROPOSED RECOM

STG 5: 9,820' - 9,920' (23'/69 holes)

10,000 gals HCL

STG 4: 9,950' - 10,125' (23'/69 holes)

18,000 gals HCL

STG 3: 10,160' - 10,380' (23'/69 holes)

20,000 gals HCL + 6,000 lbs 100M + 115,000 lbs 30/50

STG 2: 10,410' - 10,580' (23'/69 holes)

16,000 gals HCL + 6,000 lbs 100M + 85,000 lbs 30/50

STG 1: 10,610' - 10,850' (23'/69 holes)

22,000 gals HCL + 6,000 lbs 100M + 120,000 lbs 30/50

Initial Completion Perf Information

- Stage #8 10930 - 11211 23' /69 shots**
5000 gal HCL & 155000 lbs Power Prop 20/40
- Stage #7 11239 - 11482 23' /69 shots**
5000 gal HCL & 150000 lbs Power Prop 20/40
- Stage #6 11523 - 11809 23' /69 shots**
5000 gal HCL & 155000 lbs Power Prop 20/40
- Stage #5 11847 - 12098 23' /69 shots**
5000 gal HCL & 150000 lbs Power Prop 20/40
- Stage #4 12139 - 12390 23' /69 shots**
5000 gal HCL & 150000 lbs Power Prop 20/40
- Stage #3 12444 - 12775 23' /69 shots**
5000 gal HCL & 150000 lbs Power Prop 20/40
- Stage #2 12826 - 13116 23' /69 shots**
5000 gal HCL & 140000 lbs Power Prop 20/40
- Stage #1 13157 - 13404 23' /69 shots**
5000 gal HCL & 140000 lbs Power Prop 20/40

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		8. WELL NAME and NUMBER: Kendall 3-15B2
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		9. API NUMBER: 43013521280000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0737 FNL 0786 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 15 Township: 02.0S Range: 02.0W Meridian: U		9. FIELD and POOL or WILDCAT: BLUEBELL
		COUNTY: DUCHESNE
		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: 4/1/2016	<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="Drill Out Plugs"/>

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

Please see attached procedure and wellbore diagrams.

Approved by the
March 31, 2016
Oil, Gas and Mining

Date: _____
By:

NAME (PLEASE PRINT) Linda Renken	PHONE NUMBER 713 997-5138	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 3/28/2016	

Kendall 3-15B2 Drillout Summary Procedure

- POOH with rods, pump & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing and joints of rods.
- Pick up rock bit, and run in hole to drill up (1) 5" CBP @ 10,910'. Note top perf BELOW plug is @ 10,930'. Continue cleaning out well to TD @ 13,592'.
- Pull out of hole with work string and rock bit.
- RIH w/ production tubing and rods according to WBD.
- Clean location and resume production.

EP ENERGY

Current Wellbore Schematic

Well Name: Kendall 3-15B2
 Company Name: EP Energy
 Field, County, State: Altamont, Duchesne, UT
 Surface Location: Lat: 40 18' 52.695" N Long: 110 05' 12.239" W
 Producing Zone(s): Upper Wasatch

Last Updated: 2/9/2016
 By: Krug
 TD: 13592
 API: 43013521280000
 AFE: 163375

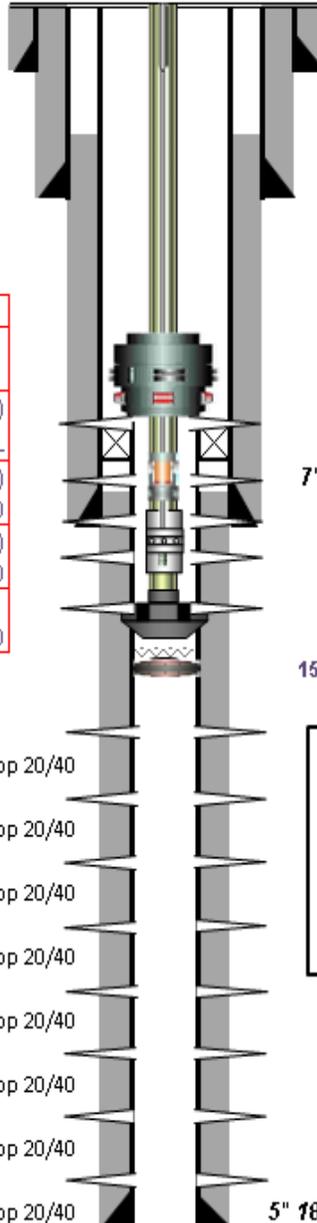
277 jnts 2-7/8" N-80 Tubing

ROD DETAIL
 1-1/2" x 40' Polished Rod
 94 (2,350') - 1" EL Rods W/G
 117 (2,925') - 7/8" EL Rods W/G
 117 (2,925') - 3/4" EL Rods W/G
 27 (675') - 1 1/2" Sinker "K" Bars
 2 1/2" x 1 1/2" x 40' Insert Pump

2016 PROPOSED RECOM	
STG 5: 9,803' - 9,891' (12'/36 holes)	10,000 gals HCL
STG 4: 9,932' - 10,074' (21'/66 holes)	18,000 gals HCL
STG 3: 10,144' - 10,343' (23'/69 holes)	20,000 gals HCL + 6,000 lbs 100M + 115,000 lbs 30/50
STG 2: 10,400' - 10,562' (20'/60 holes)	16,000 gals HCL + 6,000 lbs 100M + 85,000 lbs 30/50
STG 1: 10,602' - 10,826' (23'/69 holes)	22,000 gals HCL + 6,000 lbs 100M + 120,000 lbs 30/50

Initial Completion Perf Information

- Stage #8 10930 - 11211 23' /69 shots**
5000 gal HCL & 155000 lbs Power Prop 20/40
- Stage #7 11239 - 11482 23' /69 shots**
5000 gal HCL & 150000 lbs Power Prop 20/40
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5000 gal HCL & 150000 lbs Power Prop 20/40
- Stage #4 12139 - 12390 23' /69 shots**
5000 gal HCL & 150000 lbs Power Prop 20/40
- Stage #3 12444 - 12775 23' /69 shots**
5000 gal HCL & 150000 lbs Power Prop 20/40
- Stage #2 12826 - 13116 23' /69 shots**
5000 gal HCL & 140000 lbs Power Prop 20/40
- Stage #1 13157 - 13404 23' /69 shots**
5000 gal HCL & 140000 lbs Power Prop 20/40



13-3/8" 54.5# J-55 STC @ 695 ft MD

Estimated TOC at 4,950 ft MD

9-5/8" 40# N-80 LTC @ 3000 ft MD

7" Marker Joint at 8,674 ft MD

Top of Liner at: 9,843 ft MD

Liner TOC at: 9,843 ft MD

7" 29# HCP-110 LTC @ 10080 ft MD

Drift ID = 6.059"

15K CBP @ 10,910' w/ 15' cement

Tubing Anchor @ ~8,867'
 4 jts 2-7/8" 6.5# N-80 8rd Tubing
 4' 2-7/8" tbg sub
 Seating Nipple @ ~9,004'
 2' x 2 -7/8" Tubing Sub
 5 1/2" x 33' PBGA
 2 jt 2-7/8" Mud Anchor
 5 3/4" No-Go Nipple
 EOT @ ~9,107'

Marker Joint 1 @: 11,570 ft MD

Marker Joint 2 @: 12,570 ft MD

Landing Collar @ 13,495 ft

Float Collar @ 13,542 ft

Float Shoe @ 13,592 ft

5" 18# P-110 STL @ 9843 - 13592 ft MD

Drift ID = 4.151"



Proposed Plug DO Wellbore Schematic

Well Name: Kendall 3-15B2
Company Name: EP Energy
Field, County, State: Altamont, Duchesne, UT
Surface Location: Lat: 40 18' 52.695" N Long: 110 05' 12.239" W
Producing Zone(s): Upper Wasatch

Last Updated: 3/28/2016
By: Medina
TD: 13592
API: 43013521280000
AFE: 163375

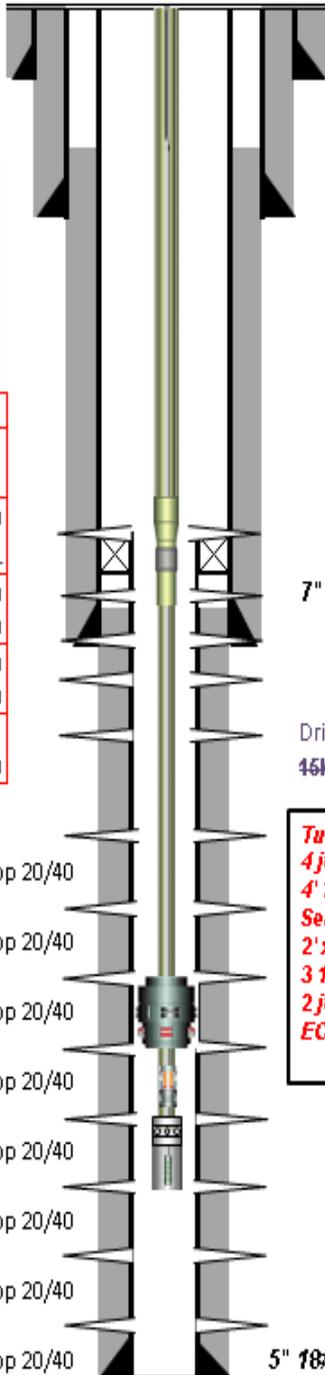
304 jnts 2-7/8" N-80 Tubing

ROD DETAIL @ 4.3spm
 1-1/2" x 40' Polished Rod
 117 (2,925') - 1" EL Rods W/G
 109 (2,725') - 7/8" EL Rods W/G
 241 (6,025') - 3/4" EL Rods W/G
 17 (425') - 1 1/2" Sinker "C" Bars
 2" x 1 1/4" x 40' Insert Pump

2016 RECOM
STG 5: 9,803' - 9,891' (12'/36 holes) 10,000 gals HCL
STG 4: 9,932' - 10,074' (21'/66 holes) 18,000 gals HCL
STG 3: 10,144' - 10,343' (23'/69 holes) 20,000 gals HCL + 6,000 lbs 100M + 115,000 lbs 30/50
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Initial Completion Perf Information

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5000 gal HCL & 140000 lbs Power Prop 20/40



13-3/8" 54.5# J-55 STC @ 695 ft MD

Estimated TOC at 4,950 ft MD

9-5/8" 40# N-80 LTC @ 3000 ft MD

2-3/8" x 2-7/8" tubing crossover @ 9,743

70 jnts of 2-3/8" tubing

7" Marker Joint at 8,674 ft MD

Top of Liner at: 9,843 ft MD

Liner TOC at: 9,843 ft MD

7" 29# HCP-110 LTC @ 10080 ft MD

Drift ID = 6.059"

Drilled out 2016

16K CBP @ 40,940'

Tubing Anchor @ ~11,965'

4jts 2-3/8" 6.5# N-80 8rd Tubing

4' 2-3/8" tbg sub

Seating Nipple @ ~12,100'

2' x 2 -3/8" Tubing Sub

3 1/2" x 33' PBGA

2jt 2-3/8" Mud Anchor

EOT @ ~12,200'

Marker Joint 1 @: 11,570 ft MD

Marker Joint 2 @: 12,570 ft MD

Landing Collar @ 13,495 ft

Float Collar @ 13,542 ft

Float Shoe @ 13,592 ft

5" 18# P-110 STL @ 9843 - 13592 ft MD

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

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:

9. API NUMBER:

10 FIELD AND POOL, OR WILDCAT

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

U . S . B . & M .

12. COUNTY

13. STATE

UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

2. NAME OF OPERATOR:

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

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE:

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

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

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

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

24. CASING AND LINER RECORD (Report all strings set in well) (See original completion report for casing record)

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

25. TUBING RECORD (TAC)

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

26. PRODUCING INTERVALS

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

27. PERFORATION RECORD

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

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

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

30. WELL STATUS:

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

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

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

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

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) _____ TITLE _____
 SIGNATURE _____ DATE _____

This report must be submitted within 30 days of

- completing or plugging a new well
- 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

Attachment to Well Completion Report

Form 8 Dated _____

Well Name: _____

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status

28. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

CENTRAL DIVISION

ALTAMONT FIELD
KENDALL 3-15B2
KENDALL 3-15B2
RECOMPLETE LAND

Operation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	KENDALL 3-15B2		
Project	ALTAMONT FIELD	Site	KENDALL 3-15B2
Rig Name/No.		Event	RECOMPLETE LAND
Start date	2/18/2016	End date	3/1/2016
Spud Date/Time	3/12/2014	UWI	KENDALL 3-15B2
Active datum	KB @5,454.5usft (above Mean Sea Level)		
Afe No./Description	166375/56323 / KENDALL 3-15B2		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
2/19/2016	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON ROADING RIG. FILL OUT & REVIEW JSA
	7:30 11:00	3.50	MIRU	01		P		MOVE RIG TO LOCATION. SLIDE PUMPING UNIT & RIG UP
	11:00 14:30	3.50	WOR	39		P		WORK PUMP OFF SEAT. FLUSH RODS & TBG W/ 50 BBLS 2% KCL WTR. TOO H W/95 1" RODS, 117 7/8" RODS, 117 3/4" RODS, 27 WEIGHT RODS & 2-1/2" X 1-3/4" PUMP FLUSHING AS NEEDED
	14:30 15:30	1.00	WOR	16		P		ND WELLHEAD. NU BOP.
	15:30 15:30	0.00	WOR	39		P		RELEASE TAC. TOO H W/ 164 JTS 2-7/8"EUE TBG, LAYING DOWN 14 JT BLUE BAND TBG. SDFN
2/20/2016	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON SCANNING TBG. FILL OUT & REVIEW JSA
	7:30 9:00	1.50	WOR	39		P		CONTINUE W/ 107 JTS 2-7/8"EUE TBG, TAC & 4 JTS 2-7/8"EUE TBG. RD SCANNING EQUIPMENT. LD 4' X 2-7/8"EUE PUP JT, SEAT NIPPLE, 2' X 2-7/8"EUE TBG, PBGA, 2 JTS 2-7/8"EUE TBG & NO/GO.
	9:00 12:30	3.50	WOR	26		P		RU WIRELINE UNIT. RIH W/ 4" OD GUAGE RING TO 10915'. POOH. RIH & SET KLX 15K CBP @ 10910'.. POOH W/ SETTING TOOL & RD WIRELINE UNIT
	12:30 14:30	2.00	WOR	18		P		FILL CSG W/ 150 BBLS 2% KCL WTR. PRESSURE TEST CSG TO 2800 PSI. BLEED PRESSURE OFF WELL. SDFN W/ RAMS CLOSED & LOCKED & CSG VALVES CLOSED & LOCKED
2/21/2016	6:00 6:00	24.00	WOR	18		P		NO RIG ACTIVITY. FILLING FRAC TANKS
2/22/2016	6:00 6:00	24.00	WOR	18		P		NO RIG ACTIVITY. FILLING FRAC TANKS
2/23/2016	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON NIPPLING UP FRAC STACK. FILL OUT & REVIEW JSA
	7:30 12:30	5.00	WOR	16		P		ND BOP. NU FRAC VALVE. PRESSURE TEST CSG TO 8000 PSI FOR 15 MINUTES. TESTED GOOD. NU FRAC STACK & TEST TO 9500 PSI.
	12:30 16:00	3.50	STG01	21		P		RU WIRELINE UNIT & PRESSURE TEST LUBRICATOR. RIH & PERFORATE STAGE 1 PERFORATIONS FROM 10602' TO 10826'. PRESSURE DROPPED FROM 1000 PSI TO 850 PSI WHILE PERFORATING
2/24/2016	6:00 6:00	24.00	WOR	18		P		NO RIG ACTIVITY. HEAT FRAC WTR
2/25/2016	6:00 6:00	24.00	WOR	18		P		MIRU FRAC EQUIPMENT
2/26/2016	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON FRAC SAFETY. FILL OUT & REVIEW JSA

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	7:30 9:30	2.00	WOR	27		P		RIH W/ DUMP BAILER & DUMP BAIL 15 CMT ON CBP SET @ 10910'. POOH & LD BAILER
	9:30 12:00	2.50	STG01	35		P		PRESSURE TEST LINES TO 9000 PSI. BREAK DOWN STAGE 1 PERFORATIONS @ 6228 PSI PUMPING 4.5 BPM. TREAT STAGE 1 PERFORATIONS W/ 7807 GALLONS 15% HCL ACID, FLUSHING TO BOTTOM PERF + 10 BBLS. PERFORM STEP DOWN TEST. ISIP 5453 PSI. FG .94. 5 MIN 5366 PSI. 10 MIN 5298 PSI. 15 MIN 5308 PSI. TREAT STAGE 1 PERFORATIONS W/ 4719 POUNDS 100 MESH SAND IN 1/2 PPG STAGE & 125700 POUNDS 30/50 TLC SAND IN 1/2 PPG, 1 PPG, 1-1/2 PPG, 2 PPG & 3 PPG STAGES, FLUSHING TO TOP PERF. ISIP 5819 PSI. FG .967. 5 MIN 5574 PSI. 10 MIN 5460 PSI. AVG RATE 73.3 BPM. AVG PSI 6678 PSI. MAX RATE 74.7 BPM. MAX PSI 7168 PSI. 3956 BBLS TO RECOVER. TURN WELL OVER TO WIRELINE
	12:00 13:30	1.50	STG02	21		P		RIH & SET CBP @ 10572'. PERFORATE STAGE 2 PERFORATIONS 10400' TO 10562' USING 3-1/8" OD PERF GUNS W/ 22.7 GRAM CHARGES, 3 JSPF & 120 DEGREE PHASING. ALL PERFORATIONS WERE CORROLATED TO LONE WOLF WIRE LINE CBL,GR, CCL LOG DATED 4-11-14
	13:30 15:00	1.50	STG02	35		P		PRESSURE TEST LINES TO 9000 PSI. BREAK DOWN STAGE 2 PERFORATIONS @ 6069 PSI PUMPING 6 BPM. TREAT STAGE 2 PERFORATIONS W/ 7728 GALLONS 15% HCL ACID, FLUSHING TO BOTTOM PERF + 10 BBLS. PERFORM STEP DOWN TEST. ISIP 5274 PSI. FG .94. 5 MIN 5209 PSI. 10 MIN 5183 PSI. 15 MIN 5165 PSI. TREAT STAGE 2 PERFORATIONS W/ 4619 POUNDS 100 MESH SAND IN 1/2 PPG STAGE & 86717 POUNDS 30/50 WHITE SAND IN 1/2 PPG, 1 PPG, 1-1/2 PPG, 2 PPG & 3 PPG STAGES, FLUSHING TO TOP PERF. ISIP 5419 PSI. FG .95. 5 MIN 5237 PSI. 10 MIN 5186 PSI. AVG RATE 72.5 BPM. AVG PSI 6334 PSI. MAX RATE 75.2 BPM. MAX PSI 6819 PSI. 3178 BBLS TO RECOVER. TURN WELL OVER TO WIRELINE
	15:00 17:00	2.00	STG03	21		P		RIH & SET CBP @ 10353". PERFORATE STAGE 3 PERFORATIONS 10144' TO 10343' USING 3-1/8" OD PERF GUNS W/ 22.7 GRAM CHARGES, 3 JSPF & 120 DEGREE PHASING. ALL PERFORATIONS WERE CORROLATED TO LONE WOLF WIRE LINE CBL,GR, CCL LOG DATED 4-11-14
	17:00 19:00	2.00	STG03	35		P		PRESSURE TEST LINES TO 9000 PSI. BREAK DOWN STAGE 3 PERFORATIONS @ 6222 PSI PUMPING 6 BPM. TREAT STAGE 2 PERFORATIONS W/ 7783 GALLONS 15% HCL ACID, FLUSHING TO BOTTOM PERF + 10 BBLS. PERFORM STEP DOWN TEST. ISIP 4843 PSI. FG .91. 5 MIN 4832 PSI. 10 MIN 4797 PSI. 15 MIN 4777 PSI. TREAT STAGE 3 PERFORATIONS W/ 5922 POUNDS 100 MESH SAND IN 1/2 PPG STAGE & 1109,523 POUNDS 30/50 WHITE SAND IN 1/2 PPG, 1 PPG, 1-1/2 PPG, 2 PPG & 3 PPG STAGES, FLUSHING TO TOP PERF. ISIP 5290 PSI. FG .949. 5 MIN 5071 PSI. 10 MIN 4985 PSI. AVG RATE 71.2 BPM. AVG PSI 5915 PSI. MAX RATE 75.55 BPM. MAX PSI 6492 PSI. 3622 BBLS TO RECOVER. PICKLE PUMP LINES & WELLHEAD. SHUT WELL IN FOR NIGHT
2/27/2016	6:00 7:30	1.50	STG04	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON WIRELINE SAFETY . FILL OUT & REVIEW JSA

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	7:30 11:30	4.00	STG04	21		P		RIH TO SET CBP & PERFORATE STAGE 4. 6th GUN FROM TOP WAS FLOODED LETTING PRESSURE FROM WELL TO SET NEGATIVE SWITCH TO SET. INSTEAD OF CBP SETTING, PERF GUN ABOVE FLOODED GUN SHOT PERFORATING 10053' TO 54'. FOUND A SMALL NICK IN PORT PLUG O RING. WAS FOUND, MOST LIKELY THE CAUSE OF FLOODED GUNS. REBUILD PERF GUN. RIH & SET CBP @ 10084". PERFORATE STAGE 4 PERFORATIONS 9932' TO 10074" USING 3-1/8" OD PERF GUNS W/ 22.7 GRAM CHARGES, 3 JSPF & 120 DEGREE PHASING. ALL PERFORATIONS WERE CORROLATED TO LONE WOLF WIRE LINE CBL,GR, CCL LOG DATED 4-11-14
	11:30 12:30	1.00	STG04	35		P		SICP 4300 PSI. BREAK DOWN STAGE 4 PERFORATIONS @ 5505 PSI. BRING RATE TO 50 BPM THEN PERFORM STEP RATE SHUT DOWN. ISIP 4753 PSI. F G .91 5 MIN 4546'. 10 MIN 4476 PSI. 15 MIN 4439 PSI. TREAT STAGE 4 PERFORATIONS W/ 17097 GALLONS 15% HCL ACID USING 95 BIO BALLS FOR DIVERSION. MAX RATE 53.7 BPM. MAX PSI 6164 PSI. AVG RATE 44.6 BPM. AVG PSI 5809 BPM. ISIP 4877 PSI. FG .921. 5 MIN 4749 PSI. 10 MIN 4711 PSI. TURN WELL OVER TO WIRELINE. 849 BBLS TO RECOVER
	12:30 14:00	1.50	STG05	21		P		RIH & SET CBP @ 9901'. PERFORATE STAGE 5 PERFORATIONS 9803' TO 9891' USING 3-1/8" OD PERF GUNS W/ 22.7 GRAM CHARGES, 3 JSPF & 120 DEGREE PHASING. ALL PERFORATIONS WERE CORROLATED TO LONE WOLF WIRE LINE CBL,GR, CCL LOG DATED 4-11-14
	14:00 15:00	1.00	STG05	35		P		SICP 4440 PSI. BREAK DOWN STAGE 5 PERFORATIONS @ 4678 PSI, 6.1 BPM. BRING RATE TO 50 BPM THEN PERFORM STEP RATE SHUT DOWN. ISIP 4561 PSI. F G .90 5 MIN 4456'. 10 MIN 4436 PSI. 15 MIN 4425 PSI. TREAT STAGE 5 PERFORATIONS W/ 9786 GALLONS 15% HCL ACID USING 65 BIO BALLS FOR DIVERSION. MAX RATE 51.6 BPM. MAX PSI 8000 PSI. AVG RATE 31.6 BPM. AVG PSI 5766 BPM. ISIP 4595 PSI. FG .900. 5 MIN 4516 PSI. 10 MIN 4482 PSI. TURN WELL OVER TO WIRELINE. 671 BBLS TO RECOVER
	15:00 18:00	3.00	RDMO	02		P		RD FRAC EQUIPMENT & WIRELINE UNIT
	18:00 6:00	12.00	FB	19		P		OPEN WELL TO FLOW BACK TANK. WELL FLOWING @ 4300 PSI ON A 12/64" CHOKE. FLOWED 1 HR. PRESSURE DROPPED TO 4200 PSI. CHANGE CHOKE TO 10/64". CONTINUE FLOWING WELL. RECOVERED 604 BBLS FLUID. PRESSURE @ REPORT TIME 3650 PSI ON A 10/64" CHOKE
2/28/2016	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON FLOW BACK SAFETY. FILL OUT & REVIEW JSA
	6:30 6:00	23.50	FB	19		P		CONTINUE FLOWING WELL TO FLOW BACK TANK. CHNGED CHOKE TO 12/64" CHOKE @ 8:00 AM. CONTINUE FLOWING WELL TO FLOW BACK TANK W/ PRESSURE STEADILY DROPPING TO 1550 PSI @ 1:00 AM. @ 2:00 AM PRESSURE HAD JUMPED TO 3400 PSI. CONTINUE FLOWING WELL ON A 12/64" CHOKE. RECOVERED 1220 BBLS FLUID IN 24 HRS. WELLHEAD PRESSURE @ REPORT TIME 3100 PSI, FLOWING ON A 12/64" CHOKE
2/29/2016	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON FLOWBACK OPERATIONS. FILL OUT & REVIEW JSA
	6:30 19:26	12.93	FB	19		P		FLOW BACK WELL 901 BBLS OF WATER 71 BBLS OF OIL 1050 PSI 12/64 CHOCK
3/1/2016	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; N/D STACK
	7:00 9:30	2.50	WOR	16		P		N/D TOP HCR VALVE N/D GOAT HEAD N/U 5 1/16" X 4 1/16" DSA
	9:30 14:00	4.50	MIRU	01		P		HSM ORIENTATE LPS HANDS SHUT WELL IN MIRU COIL TBG OPEN WELL FLOW BACK WELL TO FACILITIES

3/2/2016

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	6:00 7:00	1.00	CTU	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; COIL TBG OPERATIONS...FILL REAL
	7:00 8:48	1.80	CTU	10		P		M/U AND FUNCTION TEST MOTOR PRESSURE TEST LURICATOR AND FLOW BACK LINES
	8:48 13:20	4.53	CTU	10		P		OPEN WELL 2000 PSI TIH w COIL TBG DRILL OUT 4- 5" CBP (TOP CBP MOVE DOWN TO 10058') C/O OUT TO 10897' CTMD CIRC WELL CLEAN TOH w COIL TBG
	13:20 14:44	1.40	CTU	39		P		TOH w COIL TBG
	14:44 17:30	2.77	RDMO	02		P		RDMO COIL TBG OPEN WELL 1600 PSI ON A 12/64 CHOCK TURN WELL OVER TO PRODUCTION
3/3/2016	6:00 6:30	0.50	FB	28		P		HOLD SAFETY MEETING ON FLOW BACK OPERATIONS. FILL OUT & REVIEW JSA
	6:30 6:00	23.50	FB	19		P		FLOW WELL TO PRODUCTION FACILITY. RECOVERED 202 BBLs OIL, 253 BBLs WTR & 2 MCF GAS
3/4/2016	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON NIPPLING UP BOP
	7:30 11:00	3.50	WOR	16		P		ND HCR VALVE. NU & TEST BOP. RU WORK FLOOR & TONGS
	11:00 18:30	7.50	WOR	15		P		ATTEMPT TO KILL WELL W/ 10 PPG BRINE WTR. PUMPED A TTL OF 150 BBLs BRINE WTR IN WELL BORE, PUMPING UNTIL PRESSURE REACHED 2000 PSI. SHUT DOWN PUMP & LET PRESSURE DROP TO 1500 PSI, THEN PUMP 5 TO 10 BBLs TO BRING PRESSURE TO 2000 PSI. REPEAT SEVERAL TIMES. SHUT WELL IN W/ HCR VALVE CLOSED, BLIND RAMS CLOSED & LOCKED & CSG VALVES CLOSED & LOCKED
3/5/2016	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON KILLING WELL. FILL OUT & REVIEW JSA
	7:30 11:30	4.00	WOR	15		P		SICP 1600 PSI. BLEED PRESSURE OFF WELL. FILL CSG W/ 10 BBLs 10 PPG BRINE WTR
	11:30 16:00	4.50	WOR	39		P		TIH W/ NO/GO, 2 JTS 2-7/8"EUE TBG, 5-1/2" OD PBGA, 2' X 2-7/8"EUE PUP JT, SEAT NIPPLE, 4' X 2-7/8"EUE PUP JT, 4 JTS 2-7/8"EUE TBG, TAC & 241 JTS 2-7/8"EUE TBG, KILLING TBG AS NEEDED
	16:00 18:30	2.50	WOR	16		P		PUMP 140 BBLs 10 PPG BRINE WTR DOWN GSG & 40 BBLs 10 PPG BRINE WTR DOWN TBG TO KILL WELL. SET TAC IN 25K TENSION. ND BOP. NU WELLHEAD. SDFN
3/6/2016	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RIH W/ ROD PUMP. FILL OUT & REVIEW JSA
	7:30 8:30	1.00	WOR	06		P		SITP 1000 PSI. SICP 1000 PSI. FLUSH TBG W/ 60 BBLs 2% KCL WTR W/ CSG OPEN TO TREATOR. KILL TBG W/ 10 BBLs BRINE WTR
	8:30 10:30	2.00	WOR	39		P		TIH W/ 2-1/2" X 1-1/2" X 40 RHBC PUMP, 27 WEIGHT RODS, 117 3/4" RODS, 117 7/8" RODS & 94 1" RODS. SPACE OUT W/ 6 6' & 1 2' X 1" PONY RODS & 1-1/2" X 40' POLISH ROD.
	10:30 11:00	0.50	WOR	06		P		FILL TBG W/ 3 BBLs 2% KCL WTR. STROKE TEST PUMP TO 1000 PSI
	11:00 12:00	1.00	WOR	02		P		RD RIG SLIDE UNIT. UNABLE TO START UNIT
	12:00 13:00	1.00	WOR	18		P		WAIT ON ELECTICIAN TO REPAIR PUMPING UNIT DRIVE. TURN WELL OVER TO LEASE OPERATOR
4/28/2016	12:00 13:00	1.00	MIRU	01		P		HELD SAFETY MEETING ON MOVING RIG. FILLED OUT AND REVIEWED JSA. MOVED RIG FROM THE 3-15A3. TO THE 3-15B2.
	13:00 15:00	2.00	WOR	18		P		CHANGED OUT ROD TRANSFER CABLE AND PEDAL.
	15:00 15:30	0.50	MIRU	01		P		RIGGED UP RIG WHILE PUMPING 60 BBLs DOWN CSG.
	15:30 16:00	0.50	WOR	18		P		LD POLISH ROD. PULLED PUMP OFFSEAT.
	16:00 17:00	1.00	WOR	06		P		FLUSHED TBG W/ 60 BBLs 2% KCL.
	17:00 19:00	2.00	WOR	39		P		TOOH W/ 94-1", 117-7/8", 117-3/4", 27-1 1/2" C-BARS AND PUMP. CLOSED IN TBG INSTALLED NIGHT CAP, LEFT CSG OPEN TO TREATOR. SDFN.
4/29/2016	6:00 7:30	1.50	WOR	28		P		CREW TRAVEL. HELD SAFETY MEETING ON NIPPLING UP BOP. FILLED OUT AND REVIEWED JSA

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	7:30 10:00	2.50	WOR	16		P		0 TSIP, 50 CSIP, BLED DOWN WELL. PUMPED 20 BBLS DOWN TBG. TBG ON VACUUM. PUMPED 60 BBLS DOWN CSG. CSG ON VACUUM. BARRIER 1 WATER, ND B-FLANGE. LANDED TBG W/ 4' PERFORATED SUB UNDER TBG HANGER (BARRIER 1 CSG) W/ TWC (BARRIER 1 TBG) AND 6' AND TIW VALVE (BARRIER 2 TBG,) ON TOP. BARRIER 2 CONTIUED PUMPING H2O DOWN CSG. NU BOP AND PRESSURE TEST @ 250 PSI LOW, AND 5000 PSI HIGH.
	10:00 13:30	3.50	WOR	39		P		RU RIG FLOOR. RELEASED TAC. TOOH W/ 271-JTS 2 7/8 L-80 EUE TBG, TAC 4-JTS 2 7/8 L-80 EUE TBG AND LD BHA.
	13:30 13:30	0.00	WOR	39		P		TALLIED AND RIH W/ 4 1/8 BIT, BIT SUB, 124-JTS 2 3/8 L-80 EUE TBG, X-OVER AND 172- JTS 2 7/8 L-80 EUE TBG. EOT @ 9587'. CLOSED IN WELL. CLOSED TIW VALVE INSTALLED NIGHT CAP, CLOSED AND LOCKED PIPE RAMS. LEFT CSG OPEN TO TREATER. SDFN.
4/30/2016	6:00 7:00	1.00	WOR	28		P		CT HOLD SAFETY MTG ON RU POWER SWIVEL, WRITE & REVIEW JSA'S
	7:00 9:00	2.00	WOR	39		P		SICP 50 PSI, SITP 50 PSI, BLOW DWN WELL TO FLOW BACK TANK, RIH W/ 42 JTS 2-7/8" TBG, TAG FILL @ 10876', LD 1 JT TBG, RU POWER SWIVEL, MAKE CONNECTION W/ SWIVEL
	9:00 10:30	1.50	WOR	06		P		BREAK CIRC W/ 175 BBLS TREATED 2% KCL
	10:30 13:00	2.50	WOR	10		P		CLEAN OUT FILL, DRILL OUT 15' CMT & DRILL OUT 5' 15K CBP @ 10910', CIRC TBG CLEAN
	13:00 14:00	1.00	WOR	39		P		RIG DWN POWER SWIVEL, RIH W/ 79 JTS 2-7/8" EUE L-80 TBG TAG @ 13505'
	14:00 14:00	0.00	WOR	39		P		TOOH W/ 140 JTS 2-7/8" EUE L-80 TBG, FLUSHING TBG AS NEEDED, SHUT & LOCK PIPE RAMS, CLOSE & BULL PLUG CSG & TIW VALVES, RACK OUT POWER SWIVEL SDFW
5/1/2016	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY SDFW
5/2/2016	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY SDFW
5/3/2016	6:00 7:00	1.00	WOR	28		P		REVIEW JSA RIG CREW RIH W/ PRODUCTION
	7:00 18:00	11.00	WOR	39		P		TS30P 0 CSIP 0 , OPEN WELL UP, HOT OILER FLUSH W/ 30 CONT TOOH W/ 158 JT 2-7/8" FLUSHING AS NEEDED, L/D 49 JT 2-3/8", BIT SUB, 4-1/8" BIT, M/U 2-3/8" BULL PLUG, 2 JT MUD, 3-1/2" PBGA, 4 JT 2-3/8", 5" KLX TAC, TIH W/ 69 JT NEW 2-3/8" , X/O , TIH HYDRO TESTING 8500 PSI DIDNT BLOW ANY UP TOTAL 298 JT 2-7/8" N-80
	18:00 18:30	0.50	WOR	39		P		CLOSE PIPE RAMS & LOCK , INSTALL TIW VAVLE W/ NIGHT CAP, CLOSE CSG VAVLE HARD CAP, SEND OTHER CSG VAVLE DOWN SALES LINE SDFN
5/4/2016	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (ND PROCEDURES)
	7:30 11:00	3.50	INARTLT	16		P		PUMP TBG VOLUME DOWN TBG, AND 50 DOWN CASING. OPEN WELL. ATTEMPT TO SET TAC @ 11,968' W/ NO SUCCESS. LAY DOWN 1 JT SET TAC @ 11,936' PSN @ 12,069', EOT @ 12,171'. TEMPORARY LAND TBG ON HANGER. CASING BARRIER #1 2% KCL, # 2 HANGER. TUBING BARRIER #1 2% KCL, #2 TIW VALVE. RD WORK FLOOR AND TBG EQUIPMENT. ND BOP, RE LAND IN 25K TENSION. NU B FLANGE, INSTALL 3/8" CAP. MU PUMP T AND FLOW LINES. FLUSH TBG W/ 65 BBLS AND 10 GAL CORROSION INHIBITOR.
	11:00 18:00	7.00	INARTLT	39		P		PU STROKE TEST 2" X 1 1/4" X 38' ACCELERATED DOUBLE VALVE RHBC. 17- 1 1/2" WT BARS, 77 3/4" SHG (NEW) 164 3/4" W/G (47 NEW) 117 7/8" W/G (L/D 8) , 111 1" 28 W/G, 66 SLK, 17 W/G (NEW) 1" SPACE OUT W/ 3-6', 2-2' X 1" SUBS AND 1 1/2" X 40' P-ROD. FILL W/ 5 BBLS. L/S TO 1000 PSI. RD SLIDE UNIT TOTP.