

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 Lake Fork Ranch 4-14B4								
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 ALTAMONT								
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME								
6. NAME OF OPERATOR EL PASO E&P COMPANY, LP						7. OPERATOR PHONE 713 420-5038								
8. ADDRESS OF OPERATOR 1001 Louisiana St., Houston, TX, 77002						9. OPERATOR E-MAIL maria.gomez@elpaso.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') Lake Fork Ranch, Inc.						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-823-7810								
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') HC 65 Box 510048, Mountain Home, UT 84051						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')								
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>								
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN		
LOCATION AT SURFACE		802 FNL 575 FWL		NWNW				2.0 S		4.0 W		U		
Top of Uppermost Producing Zone		802 FNL 770 FWL		NWNW		14		2.0 S		4.0 W		U		
At Total Depth		802 FNL 770 FWL		NWNW		14		2.0 S		4.0 W		U		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 775			23. NUMBER OF ACRES IN DRILLING UNIT 640								
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applicable For Drilling of Completed) 1700			26. PROPOSED DEPTH MD: 14107 TVD: 14100								
27. ELEVATION - GROUND LEVEL 6230			28. BOND NUMBER 400JU0708			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Duchesne City / Upper County Water								
Hole, Casing, and Cement Information														
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight			
COND	17.5	13.375	0 - 1000	54.5	J-55 LT&C	9.5	Class G		1238	1.15	15.8			
SURF	12.25	9.625	0 - 5900	40.0	N-80 LT&C	11.9	Premium Lite High Strength		1152	2.17	12.0			
							Premium Lite High Strength		366	1.33	14.2			
I1	8.75	7	0 - 10807	29.0	P-110 LT&C	14.0	Premium Lite High Strength		314	2.31	12.0			
							Premium Lite High Strength		91	1.91	12.5			
L1	6.125	4.5	10607 - 14107	13.5	P-110 LT&C	14.0	Premium Lite High Strength		284	1.45	14.3			
ATTACHMENTS														
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES														
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN								
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER								
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP								
NAME Maria S. Gomez				TITLE Principle Regulatory Analyst				PHONE 713 420-5038						
SIGNATURE				DATE 02/21/2012				EMAIL maria.gomez@elpaso.com						
API NUMBER ASSIGNED 43013512400000				APPROVAL  Permit Manager										

**Lake Fork Ranch 4-14B4
Sec. 14, T2S, R4W
DUCHESNE COUNTY, UT**

EL PASO E&P COMPANY, L.P.

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Green River (GRRV)	5,852' MD / TVD
Green River (GRTN1)	6,817' MD / 6,815' TVD
Mahogany Bench	7,843' MD / 7,839' TVD
L. Green River	9,180' MD / 9,173' TVD
Wasatch	10,689' MD / 10,682' TVD
T.D. (Permit)	14,107' MD / 14,100' TVD

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River (GRRV)	5,852' MD / TVD
	Green River (GRTN1)	6,817' MD / 6,815' TVD
	Mahogany Bench	7,843' MD / 7,839' TVD
Oil	L. Green River	9,180' MD / 9,173' TVD
Oil	Wasatch	10,689' MD / 10,682' TVD

3. Pressure Control Equipment: (Schematic Attached)

A 4.5" by 20.0" rotating head on structural pipe from surface to 1,000' MD/TVD. A 4.5" by 13-3/8" Smith Rotating Head from 1,000' MD/TVD to 5,900' MD/TVD on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 5,900' MD/TVD to 10,807' MD/10,800' TVD. A 10M BOE w/ rotating head, 5M annular, blind rams & mud cross from 10,807' MD/10,800' TVD to TD (14,107' MD/14,100' TVD).

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 1,500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock and floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low test / 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 # 406 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) Mud logger with gas monitor – 5,900' to TD (14,107' MD/14,100' TVD)
- B) Choke manifold with one manual and one hydraulic operated choke
- C) Full opening floor valve with drill pipe thread
- D) Upper and lower Kelly cock
- E) Shaker, desander and desilter.

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 for intermediate and production hole will be based on 10% excess over gauge hole volumes. Actual volumes pumped will be a minimum of 10% excess over caliper volume to designed tops of cement for any section logged. A minimum of 50% excess over gauge volume will be pumped on surface casing.

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.4 – 9.5
Intermediate	WBM	9.0 – 11.9
Production	WBM	10.0 – 14.0

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: 5,900' MD/TVD – TD (14,107' MD/14,100' TVD)

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

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 14,100' TD equals approximately 9,532 psi. This is calculated based on a 0.676 psi/ft gradient (13 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 6,430 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 10,800' TVD = 8,640 psi

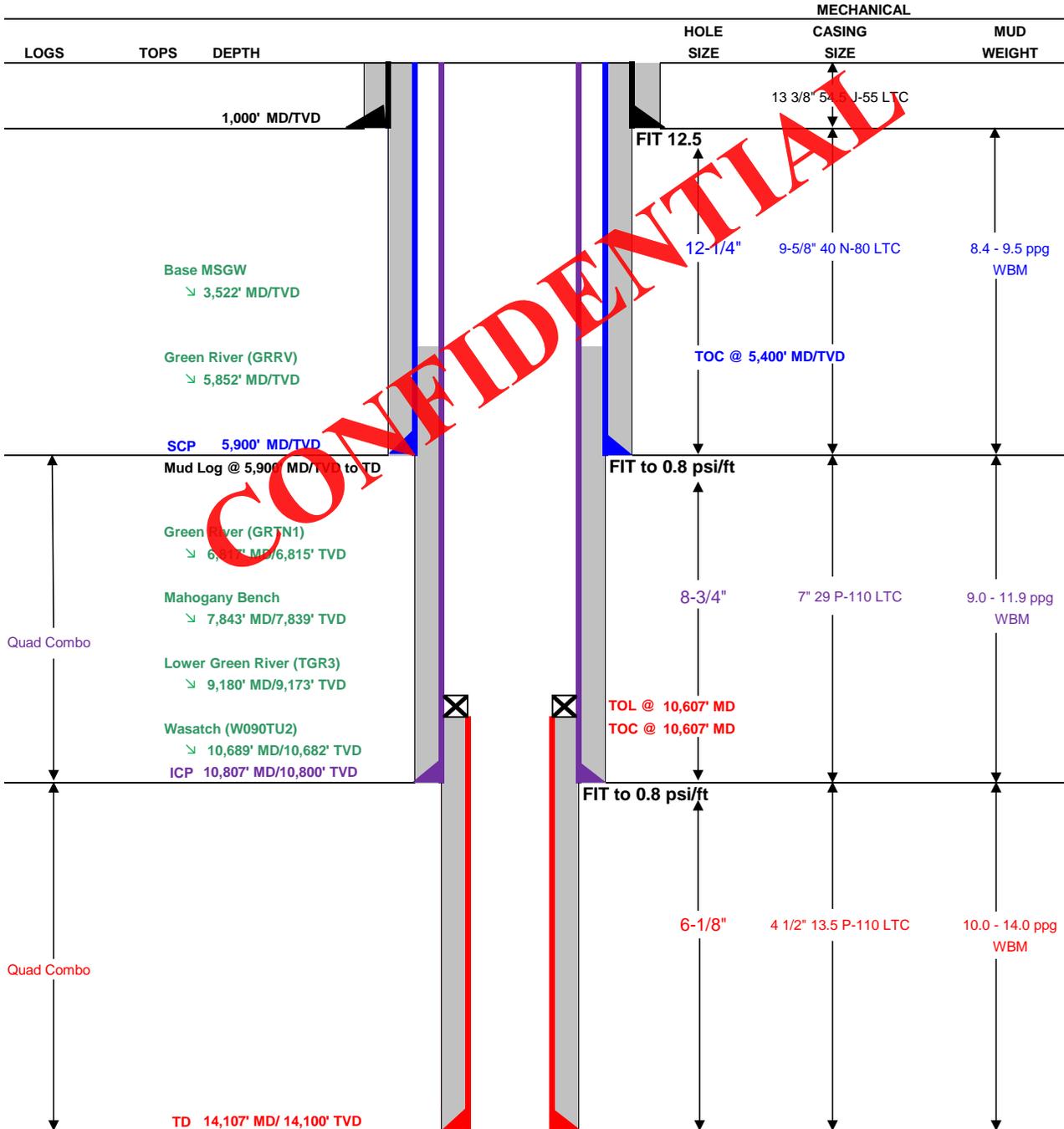
BOPE and casing design will be based on the lesser of the two MASPs which is 6,430 psi.

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



Drilling Schematic

Company Name: El Paso Exploration & Production	Date: February 16, 2012
Well Name: Lake Fork Ranch 4-14B4	TD: 14,107' MD / 14,100' TVD
Field, County, State: Altamont - Bluebell, Duchesne, Utah	AFE #: 152532
Surface Location: Sec 14 - T2S - R4W -- 802' FNL 575' FWL	BHL: Sec 14 - T2S - R4W -- 802' FNL 770' FWL
Objective Zone(s): Green River, Wasatch	Elevation: 6,230'
Rig: Precision Drilling 406	Spud (est.): May 25, 2012
BOPE Info: 5.0 x 13 3/8 rotating head from 1,000' to 5,900' 11 5M BOP stack and 5M kill lines and choke manifold used from 5,900' to 10,807' & 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 10,807' to 14,107'	



DRILLING PROGRAM

CASING PROGRAM	SIZE	INTERVAL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0' - 1,000'	54.50	J-55	LTC	2,730	1,140	1,399
SURFACE	9-5/8"	0' - 5,900'	40.00	N-80	LTC	3,090	5,750	820
INTERMEDIATE	7"	0' - 10,807'	29.00	P-110	LTC	11,220	8,530	797
PRODUCTION LINER	4 1/2"	10,607' - 14,107'	13.50	P-110	LTC	12,410	10,680	338

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		1,000'	Class G + 3% CACL2	1,238	100%	15.8 ppg	1.15
SURFACE	Lead	4,900	Halco-light premium+3 lbm/sk Silicate+0.8% Econolite+2% Salt+2 lbm/sk Kol-Seal+0.25 lb/sk Kwik Seal	1,152	75%	12.0 ppg	2.17
	Tail	1,000	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	366	50%	14.2 ppg	1.33
INTERMEDIATE	Lead	4,407	Halco-Light-Premium+0.2% Bentonite+0.4% Econolite+0.2% Halad322+3 lb/sk Silicalite Compacted+0.8% HR-5+ 0.125 lb/sk Poly-E-Flake	314	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		3,500	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	284	25%	14.30	1.45

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. Rigid centralizer every other joint. Thread lock all FE. Maker joints every 1,000'.

PROJECT ENGINEER(S): Ryan Williams 713.420.4724

MANAGER: Scott Palmer

EL PASO E&P COMPANY, L.P.
LAKE FORK RANCH 4-14B4
SECTION 14, T2S, R4W, U.S.B.&M.

PROCEED NORTH ON PAVED STATE HIGHWAY 87 FROM THE INTERSECTION OF HIGHWAY 87 WITH U.S. HIGHWAY 40 IN DUCHESNE, UTAH APPROXIMATELY 8.62 MILES TO AN INTERSECTION;

TURN RIGHT AND TRAVEL EASTERLY THEN NORTHEASTERLY ON A GRAVEL ROAD 5.42 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL WESTERLY 0.62 MILES ON A GRAVEL ROAD TO THE BEGINNING OF THE ACCESS ROAD;

TURN RIGHT AND FOLLOW ROAD FLAGS NORTHEASTERLY 0.04 MILES TO THE PROPOSED LOCATION;

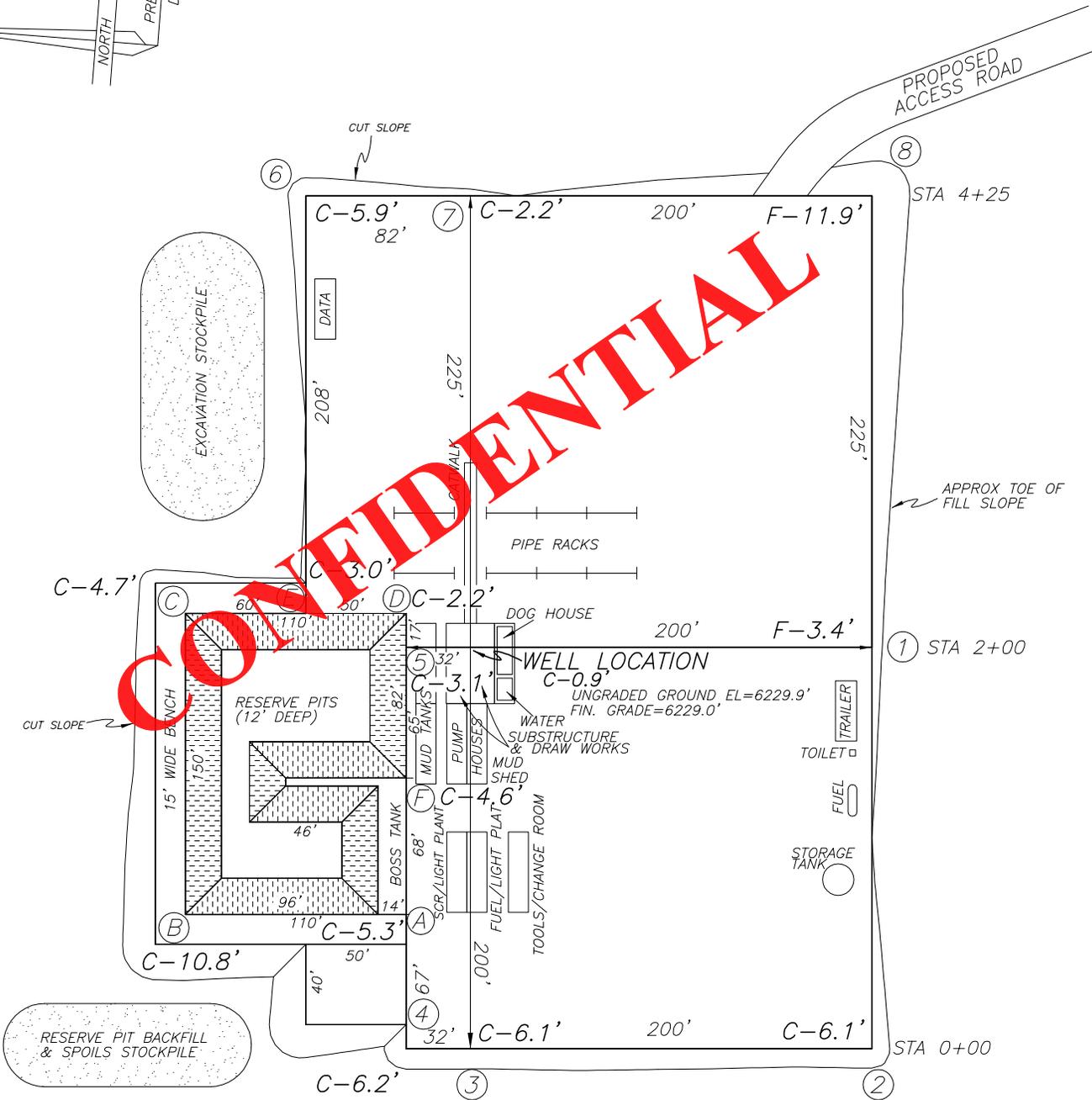
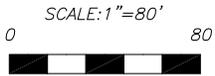
TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 14.70 MILES.

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FIGURE #1

LOCATION LAYOUT FOR
LAKE FORK RANCH 4-14B4
SECTION 14, T2S, R4W, U.S.B.&M.
802' FNL, 575' FWL



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Jerry D. Allred
PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
30 MAR '11
STATE OF UTAH

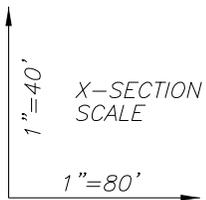
REV 30 MAR 2011
23 MAR 2011 01-128-221

	JERRY D. ALLRED & ASSOCIATES SURVEYING CONSULTANTS
	1235 NORTH 700 EAST--P.O. BOX 975 DUCHESNE, UTAH 84021 (435) 738-5352

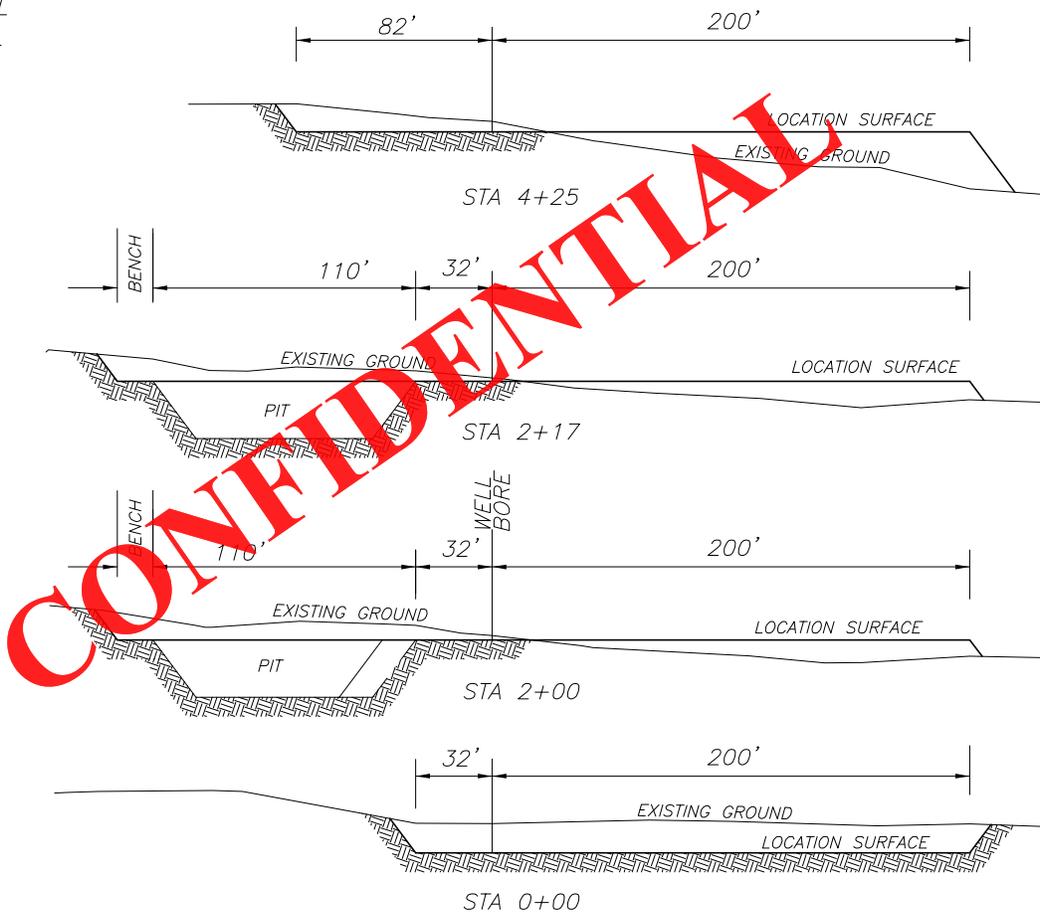
EL PASO E & P COMPANY, L.P.

FIGURE #2

LOCATION LAYOUT FOR
 LAKE FORK RANCH 4-14B4
 SECTION 14, T2S, R4W, U.S.B.&M.
 802' FNL, 575' FWL



NOTE: ALL CUT/FILL SLOPES ARE 1½:1 UNLESS OTHERWISE NOTED



APPROXIMATE YARDAGES

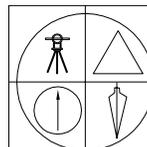
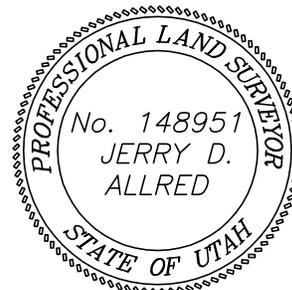
TOTAL CUT (INCLUDING PIT) = 18,470 CU. YDS.

PIT CUT = 4570 CU. YDS.
 TOPSOIL STRIPPING: (6") = 2720 CU. YDS.
 REMAINING LOCATION CUT = 11,180 CU. YDS

TOTAL FILL = 11,180 CU. YDS.

LOCATION SURFACE GRAVEL=1374 CU. YDS. (4" DEEP)

ACCESS ROAD GRAVEL=52 CU. YDS.



JERRY D. ALLRED & ASSOCIATES
 SURVEYING CONSULTANTS

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 DUCHESNE, UTAH 84021
 (435) 738-5352

18 MAR 2011

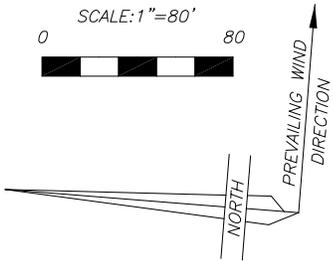
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RECEIVED: February 21, 2012

EL PASO E & P COMPANY, L.P.

FIGURE #3

LOCATION LAYOUT FOR
LAKE FORK RANCH 4-14B4
SECTION 14, T2S, R4W, U.S.B.&M.
802' FNL, 575' FWL

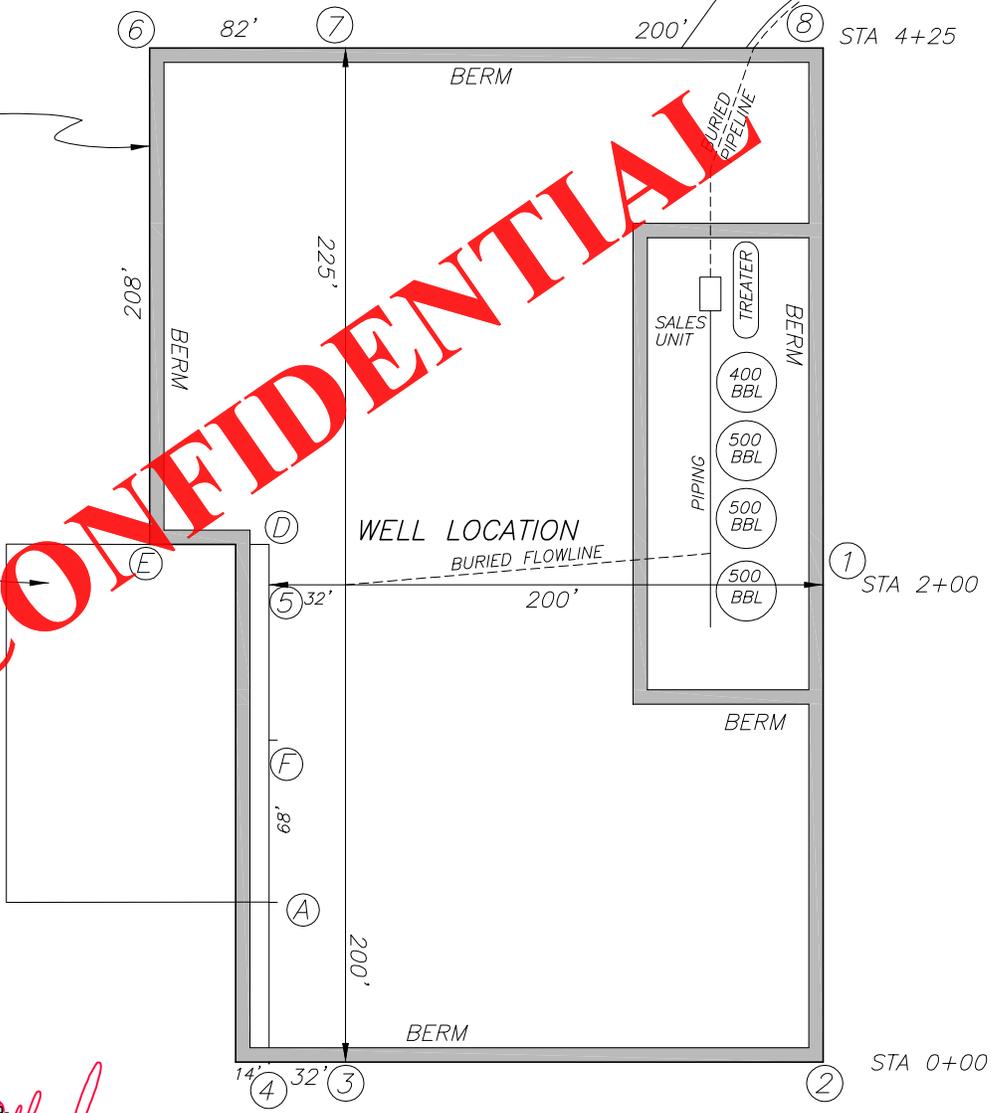


WELL PAD AREA
BERMED AND USED
FOR PRODUCTION

ENTIRE WELL PAD
RECONTOURED BACK
TO AVERAGE SLOPE
FOR FINAL SURFACE
RECLAMATION AFTER
PRODUCTION

PIT AREA REGRADED
BACK TO SLOPE FOR
INTERIM RECLAMATION

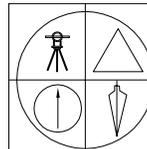
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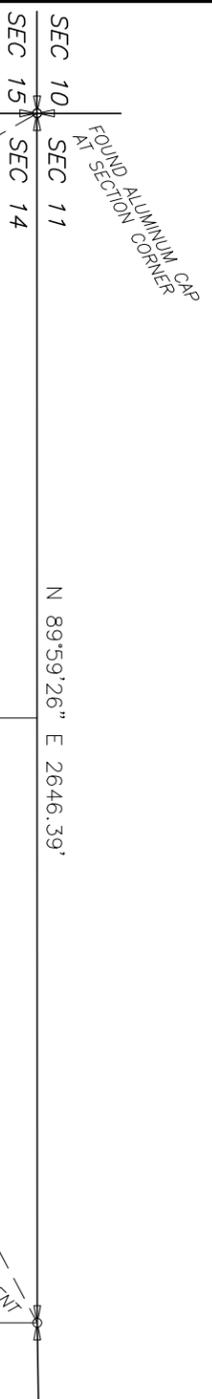
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JERRY D. ALLRED & ASSOCIATES
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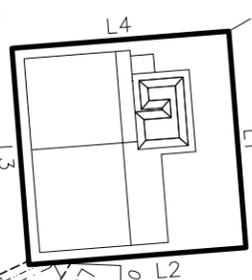
EL PASO E & P COMPANY, L.P.
 SURFACE USE AREA
 LAKE FORK RANCH 4-14B4
 5.18 ACRES

Brent Brotherson
 NE¼NW¼

Brent Brotherson
 SW¼NW¼

LINE	BEARING	LENGTH
L1	N 85°29'05" E	475.00'
L2	S 04°30'55" E	475.00'
L3	S 85°29'05" W	475.00'
L4	N 04°30'55" W	475.00'
L5	S 58°59'12" E	11.40'
L6	S 25°08'29" E	150.53'

PROPOSED PIPELINE



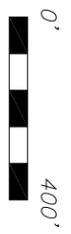
PROPOSED 66' WIDE
 ACCESS ROAD, POWER
 LINE, AND PIPELINE
 CORRIDOR RIGHT-OF-WAY

EXISTING ROAD

N 00°04'08" E 5245.99'
 TO SECTION CORNER



SCALE: 1" = 400'



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LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE
 CORRIDOR RIGHT-OF-WAY SURVEY FOR
EL PASO E & P COMPANY, L.P.
 LAKE FORK RANCH 4-14B4
 SECTION 14, T2S, R4W, U.S.B.&M.
 DUCHESNE COUNTY, UTAH

USE AREA BOUNDARY DESCRIPTION

Commencing at the Northwest Corner of Section 14, Township 2 South, Range 4 West of the Uintah Special Base and Meridian;
 Thence South 30°05'04" East 658.76 feet to the TRUE POINT OF BEGINNING;
 Thence North 85°29'05" East 475.00 feet;
 Thence South 04°30'55" East 475.00 feet;
 Thence South 85°29'05" West 475.00 feet;
 Thence North 04°30'55" West 475.00 feet to the TRUE POINT OF BEGINNING, containing 5.18 acres.

ACCESS ROAD, POWER LINE, AND PIPELINE CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 66 feet wide access road, power line, and pipeline corridor right-of-way over portions of Section 14, Township 2 South, Range 4 West of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows:
 Commencing at the North Quarter Corner of Section 14, Township 2 South, Range 4 West of the Uintah Special Base and Meridian;
 Thence South 62°12'14" West 2045.43 feet to the TRUE POINT OF BEGINNING;
 Thence South 58°59'12" East 11.40 feet;
 Thence South 25°08'29" East 150.53 feet to the North line of an existing road. Said right-of-way being 161.93 feet in length with the side lines being shortened or elongated to intersect said use area boundary and existing road lines.

SURVEYOR'S CERTIFICATE

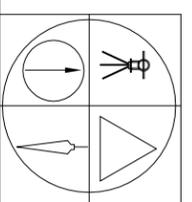
This is to certify that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the use area and access road, power line, and pipeline corridor right-of-way shown hereon, and that the monuments indicated were found or set during said survey, and that this plat accurately represents said survey to the best of my knowledge.

JERRY D. ALLRED, PROFESSIONAL LAND SURVEYOR,
 CERTIFICATE NO. 148951 (UTAH)



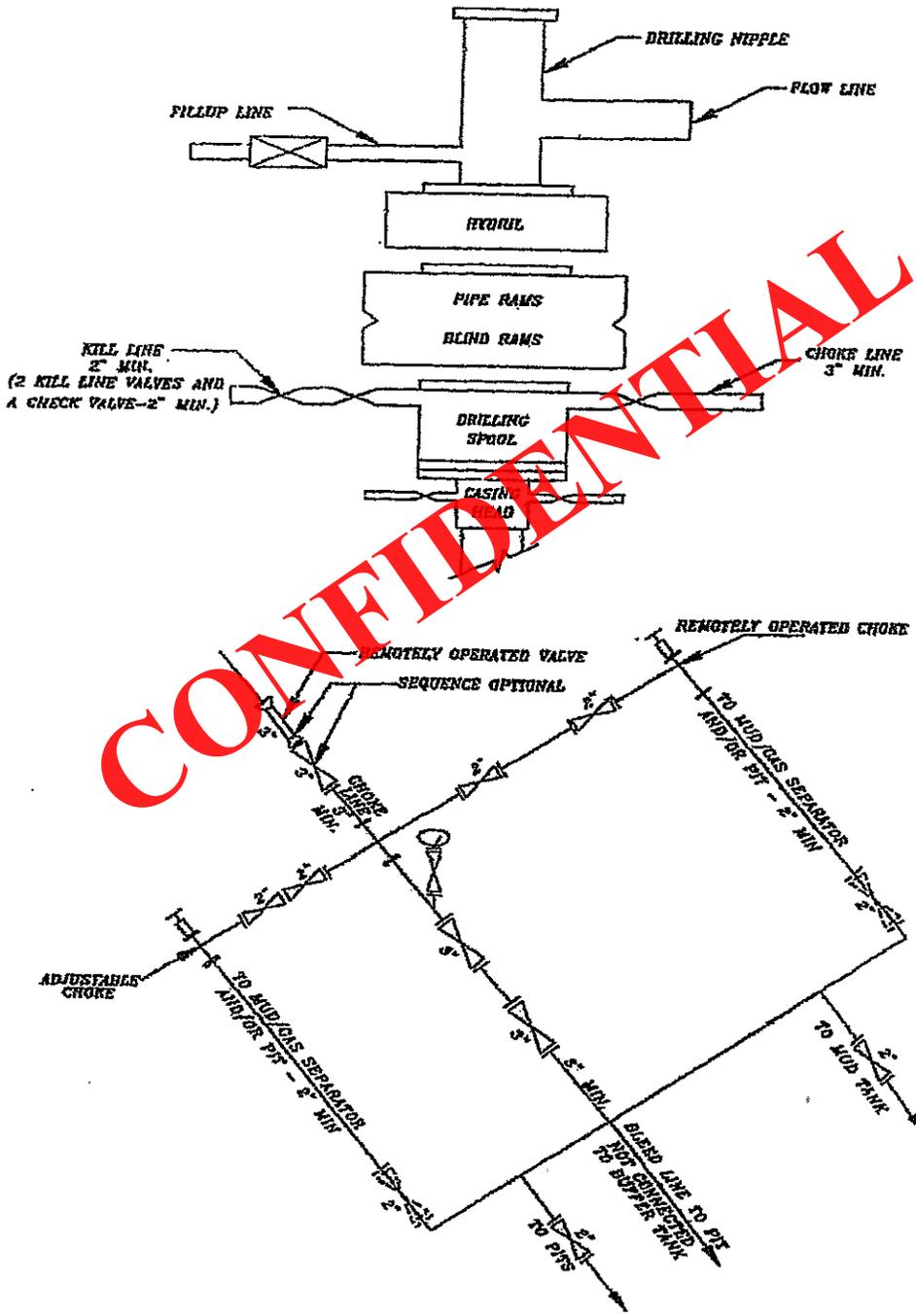
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT
 THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A CONTROL POINT LOCATED AT LAT. 40°21'33.56926"N AND LONG. 110°16'31.53164"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

REV 30 MAR 2011
 21 MAR 2011
 01-128-221

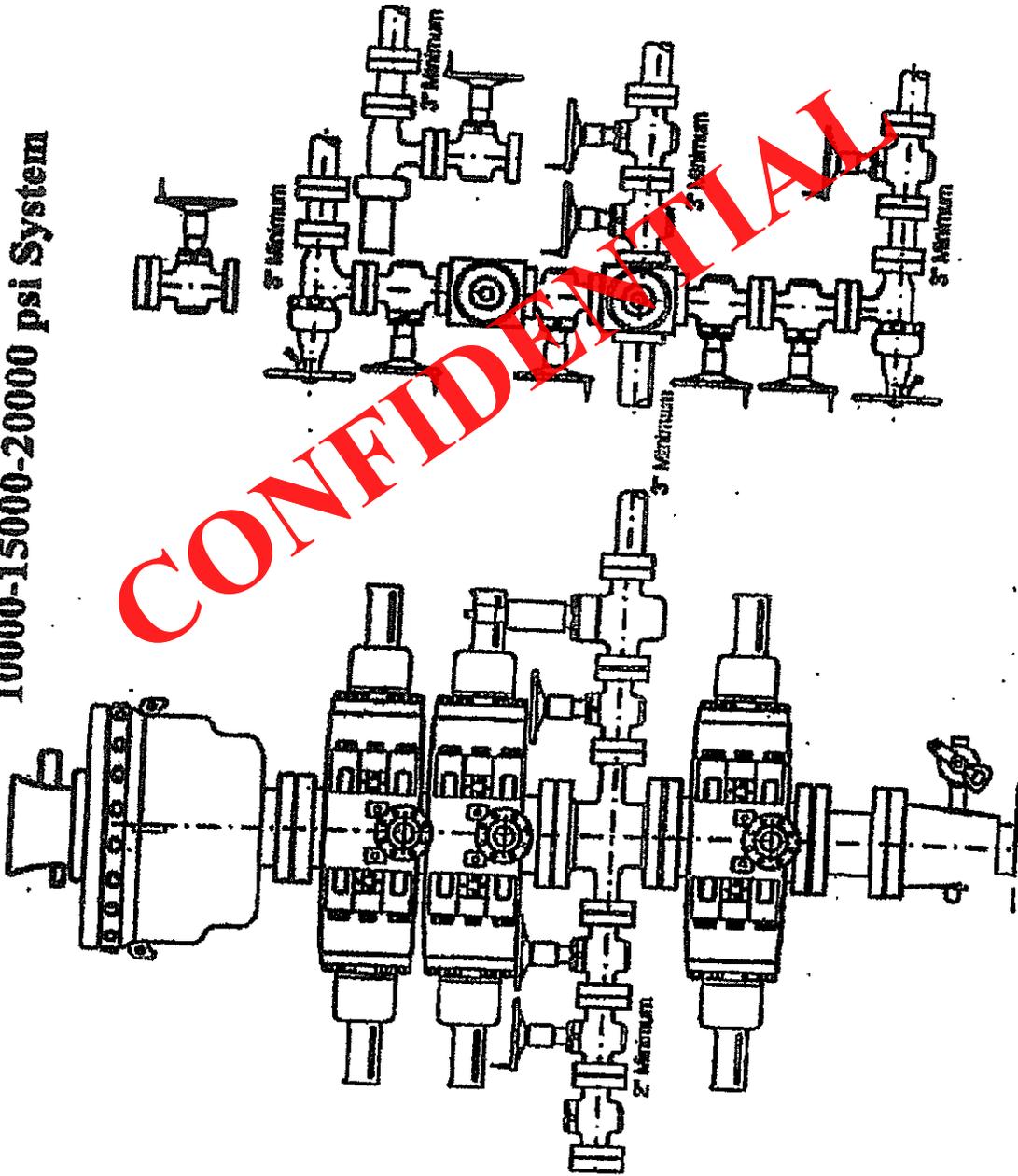


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 DUCHESNE, UTAH 84021
 (435) 738-5352

5M BOP STACK and CHOKE MANIFOLD SYSTEM



10000-15000-20000 psi System

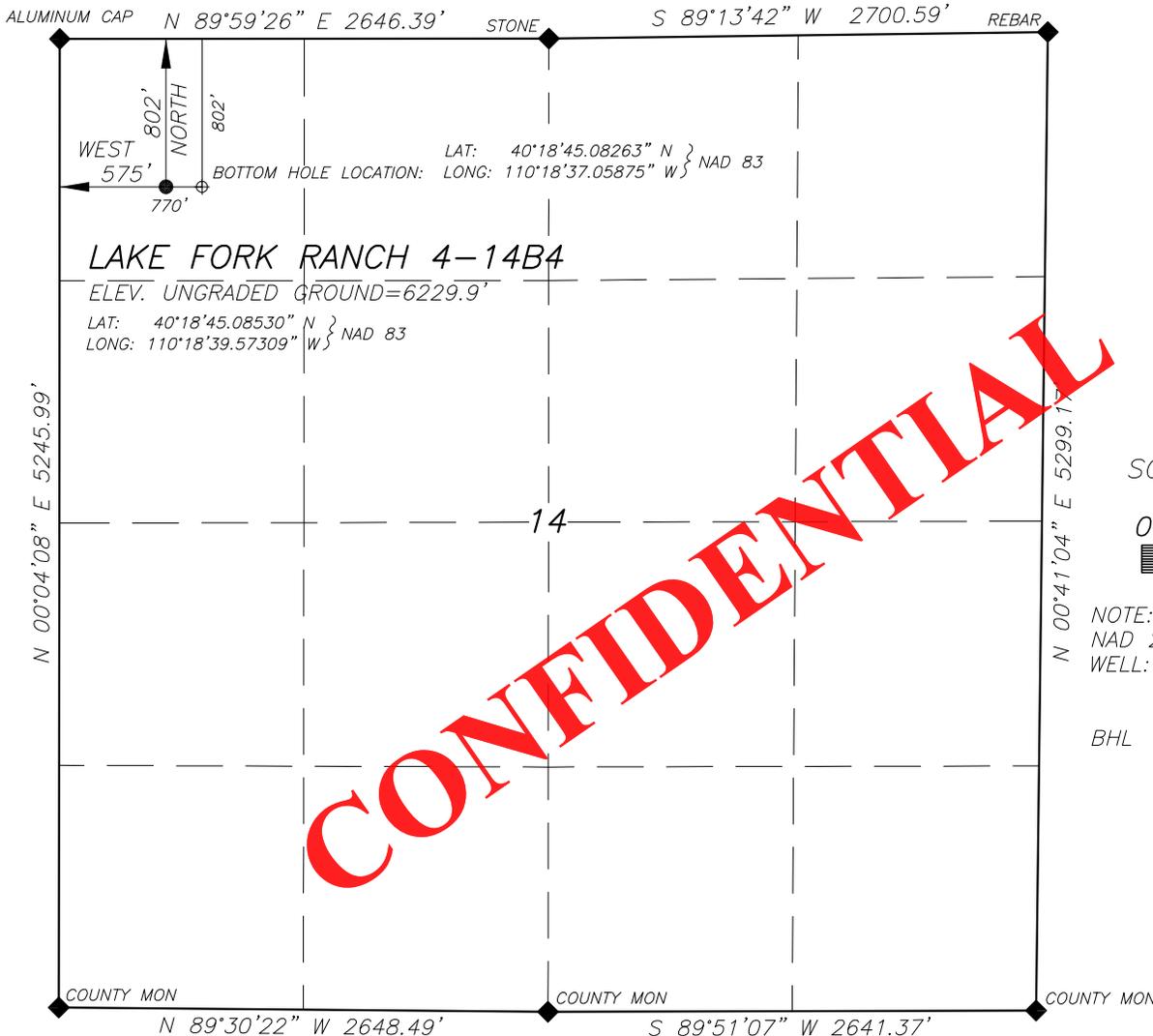


EL PASO E & P COMPANY, L.P.

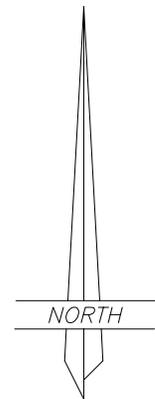
WELL LOCATION

LAKE FORK RANCH 4-14B4

LOCATED IN THE NW¼ OF THE NW¼ OF SECTION 14, T2S, R4W, U.S.B.&M. DUCHESNE COUNTY, UTAH



CONFIDENTIAL



SCALE: 1" = 1000'



NOTE:
 NAD 27 VALUES FOR:
 WELL:
 40.31256888° N
 110.31028066° W
 BHL
 40.31256814° N
 110.30958223° W

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME, OR UNDER MY PERSONAL SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.



JERRY D. ALLRED, REGISTERED LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)

LEGEND AND NOTES

◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP

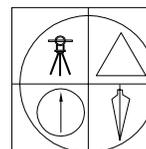
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A CONTROL POINT LOCATED AT LAT. 40°21'33.56926"N AND LONG. 110°16'31.53164"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM

REV 16 FEB 2012

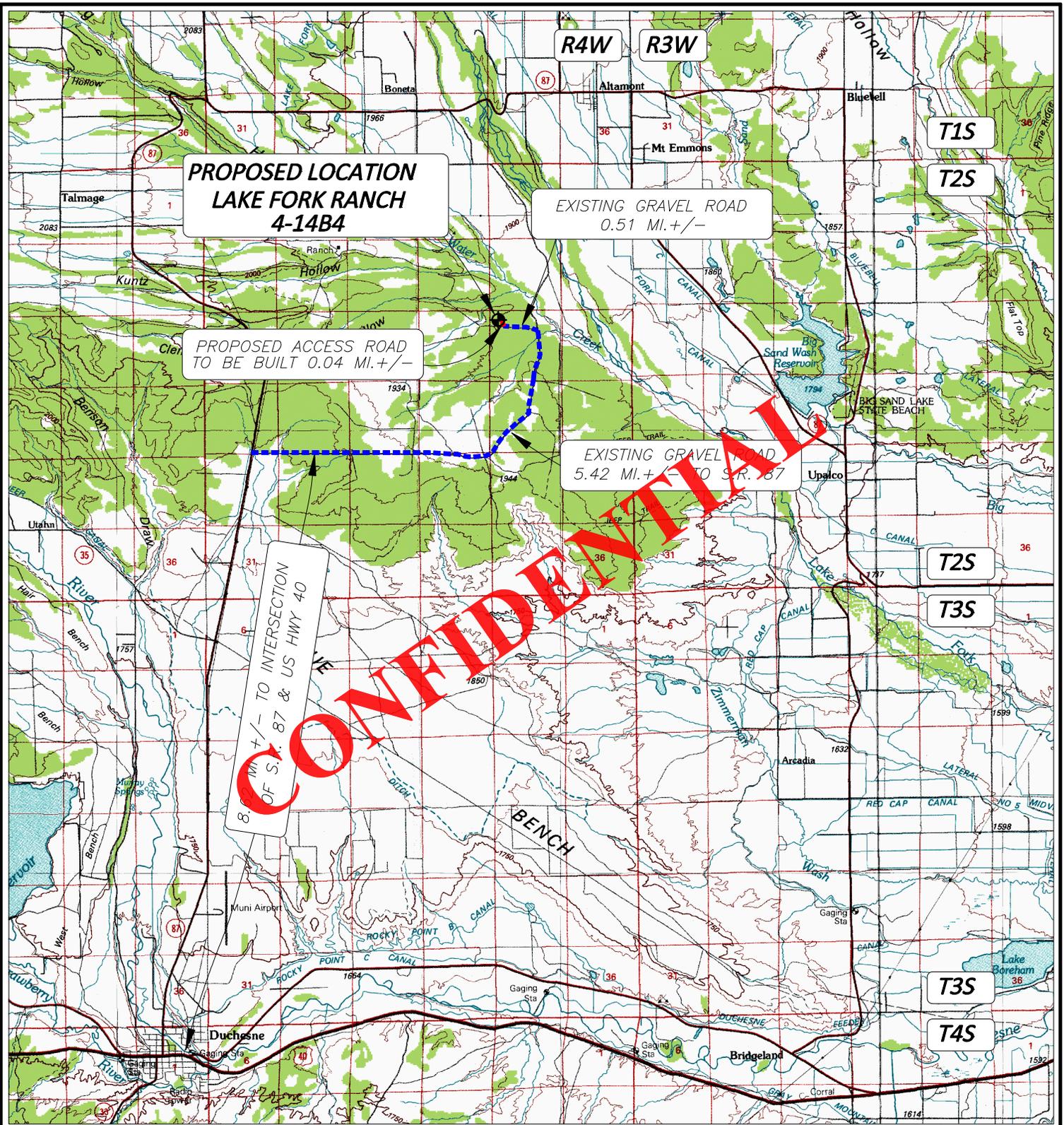
21 MAR 2011 01-128-221



JERRY D. ALLRED & ASSOCIATES
 SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
 DUCHESNE, UTAH 84021
 (435) 738-5352

RECEIVED: February 21, 2012



**PROPOSED LOCATION
LAKE FORK RANCH
4-14B4**

EXISTING GRAVEL ROAD
0.51 MI. +/-

PROPOSED ACCESS ROAD
TO BE BUILT 0.04 MI. +/-

EXISTING GRAVEL ROAD
5.42 MI. +/- TO S.R. 87

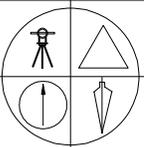
8 MI. +/- TO INTERSECTION
OF S.R. 87 & US HWY 40

CONFIDENTIAL

LEGEND:

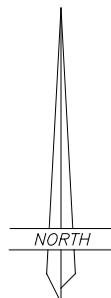
PROPOSED WELL LOCATION

01-128-221



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
DUCHEESNE, UTAH 84021
(435) 738-5352

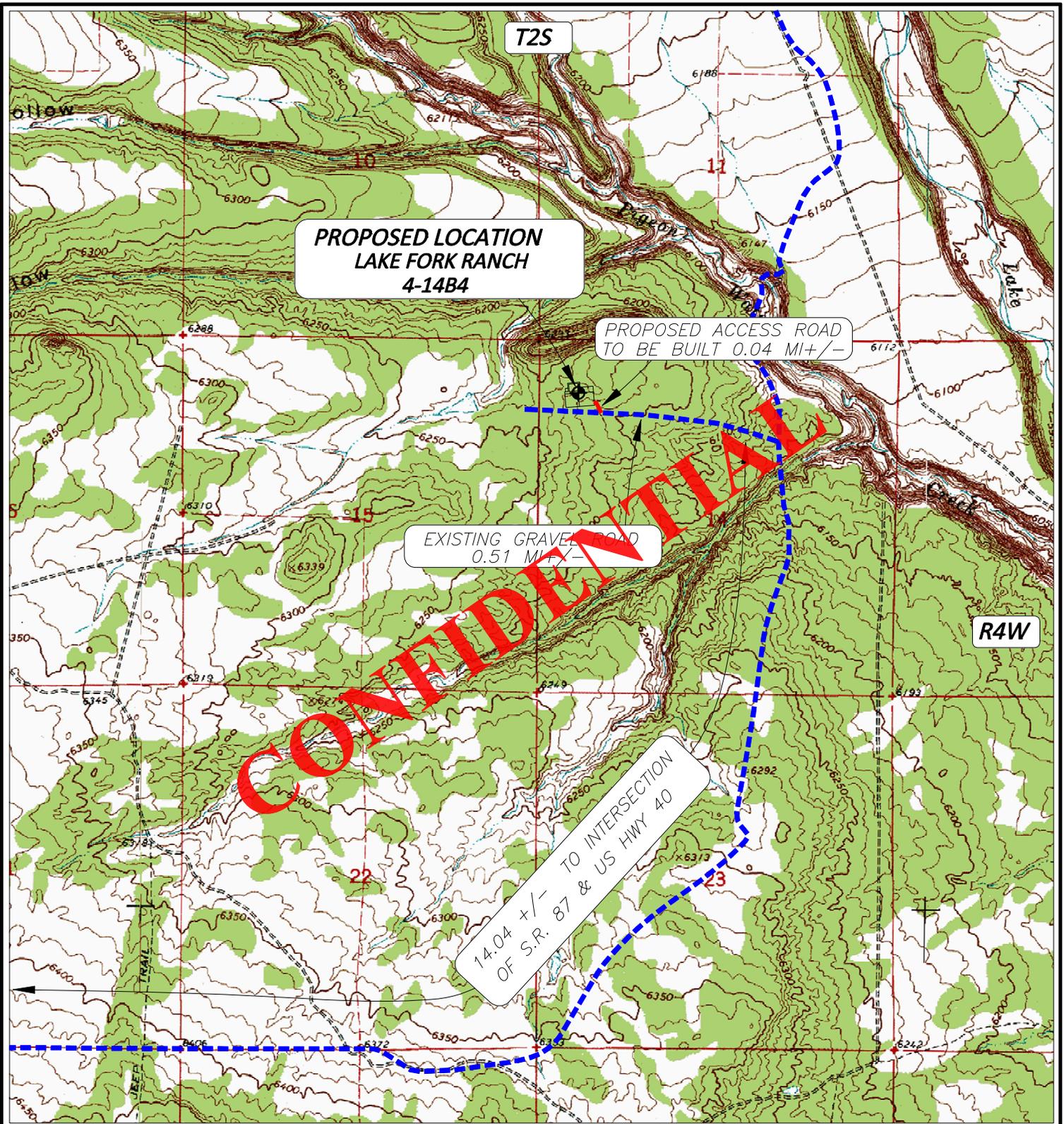


EL PASO E & P COMPANY, L.P.

LAKE FORK RANCH 4-14B4
SECTION 14, T2S, R4W, U.S.B.&M.
802' FNL 575' FWL

TOPOGRAPHIC MAP "A"

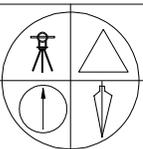
SCALE; 1"=10,000'
21 MAR 2011



LEGEND:

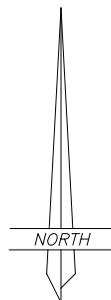
-  PROPOSED WELL LOCATION
-  PROPOSED ACCESS ROAD
-  EXISTING GRAVEL ROAD

01-128-221



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

121 NORTH CENTER ST.--P.O. BOX 975
DUCHESENE, UTAH 84021
(435) 738-5352



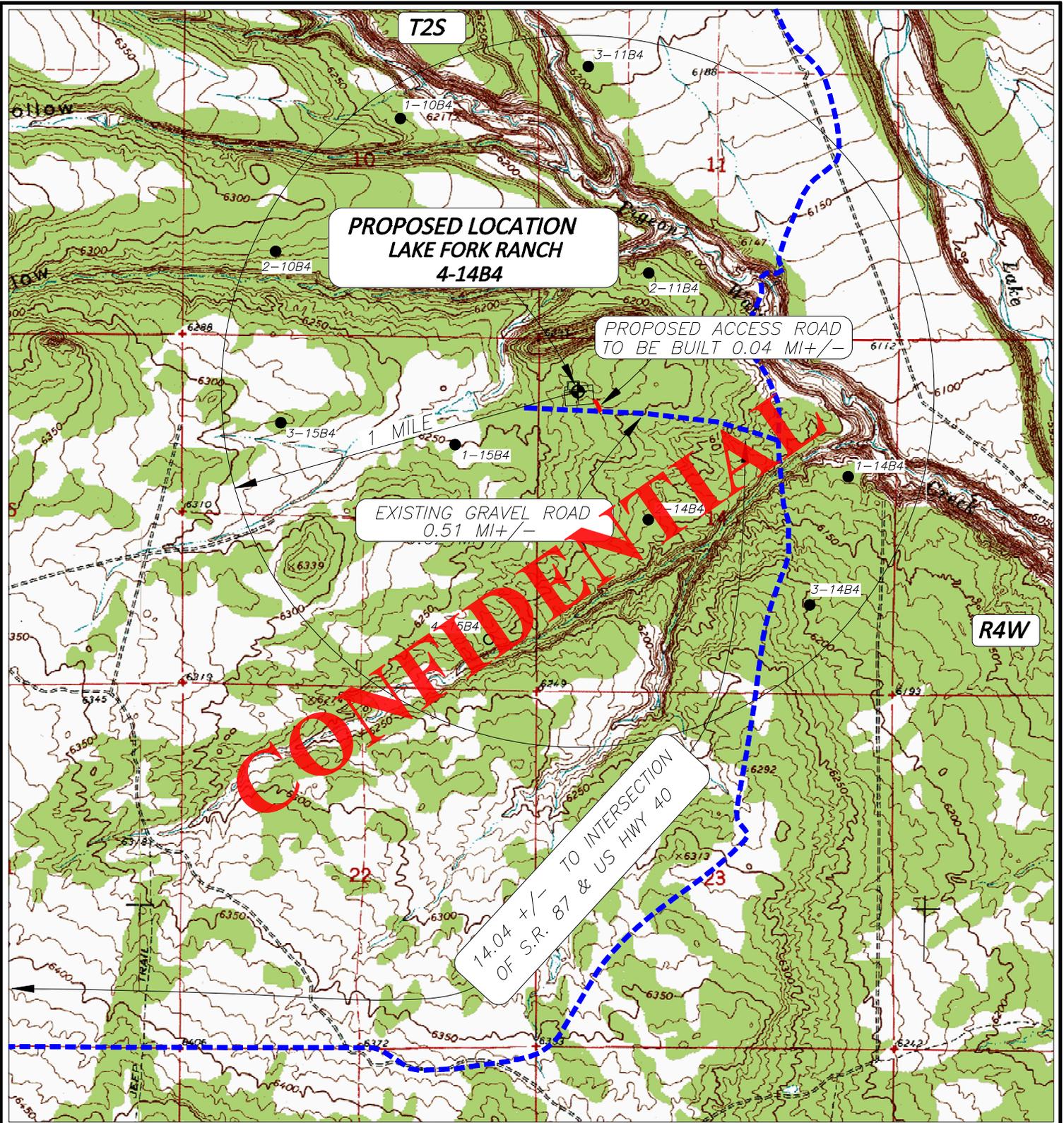
EL PASO E & P COMPANY, L.P.

LAKE FORK RANCH 4-14B4
SECTION 14, T2S, R4W, U.S.B.&M.

802' FNL 575' FWL

TOPOGRAPHIC MAP "B"

SCALE: 1"=2000'
21 MAR 2011



LEGEND:

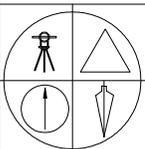


PROPOSED WELL LOCATION



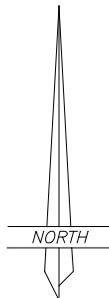
OTHER WELLS AS LOCATED FROM SUPPLIED MAP

01-128-221



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

121 NORTH CENTER ST.--P.O. BOX 975
DUCHESTER, UTAH 84021
(435) 738-5352



EL PASO E & P COMPANY, L.P.

LAKE FORK RANCH 4-14B4
SECTION 14, T2S, R4W, U.S.B.&M.

802' FNL 575' FWL

TOPOGRAPHIC MAP "C"

SCALE; 1"=2000'
21 MAR 2011



El Paso

Field: Duchesne Co, UT
 Site: Lake Fork Ranch 4-14B4
 Well: 4-14B4
 Wellpath: OH
 Plan: Plan #1



Azimuths to True North
 Magnetic North: 11.37°
 Magnetic Field
 Strength: 52358nT
 Dip Angle: 65.95°
 Date: 2/16/2012
 Model: IGRF2010

FIELD DETAILS

Duchesne Co, UT

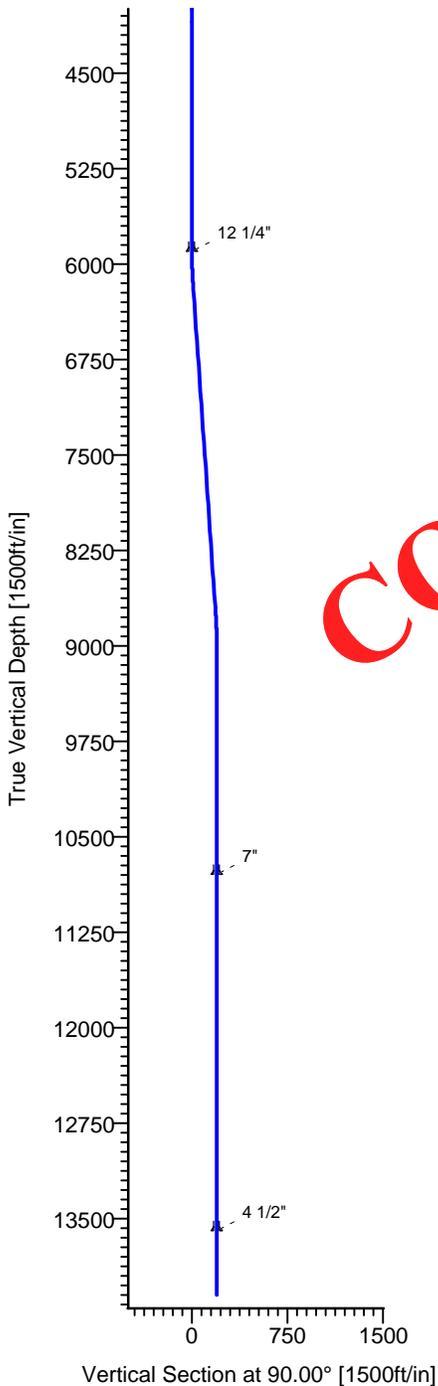
Geodetic System: US State Plane Coordinate System 1983
 Ellipsoid: GRS 1980
 Zone: Utah, Central Zone
 Magnetic Model: IGRF2010

System Datum: Mean Sea Level
 Local North: True North

WELLPATH DETAILS

OH

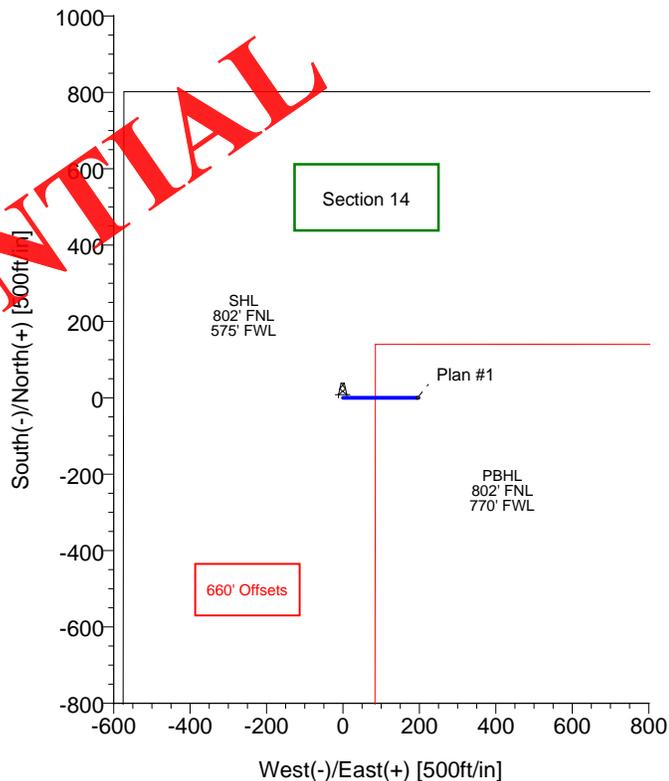
Rig: SITE 6247.00ft
 Ref. Datum: Starting From TVD
 V.Section Angle: 90.00°
 Origin +N/-S: 0.00
 Origin +E/-W: 0.00
 Starting From TVD: 0.00



SITE DETAILS

Lake Fork Ranch 4-14B4
 Sec. 14-T2S-R4W
 802' FNL & 575' FWL
 Site Centre Latitude: 40°18'45.083N
 Longitude: 110°18'37.059W
 Water Depth: 0.00
 Positional Uncertainty: 0.00
 Convergence: 0.76

CONFIDENTIAL



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	90.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	5900.00	0.00	90.00	5900.00	0.00	0.00	0.00	90.00	0.00	
3	6162.06	3.93	90.00	6161.85	0.00	8.99	1.50	90.00	8.99	
4	8744.43	3.93	90.00	8738.15	0.00	186.01	0.00	0.00	186.01	
5	9006.49	0.00	90.00	9000.00	0.00	195.00	1.50	180.00	195.00	
6	13606.49	0.00	90.00	13600.00	0.00	195.00	0.00	90.00	195.00	
7	14106.49	0.00	90.00	14100.00	0.00	195.00	0.00	90.00	195.00	



Ryan Energy Technologies Planning Report



Company: El Paso	Date: 2/16/2012	Time: 15:01:51	Page: 1
Field: Duchesne Co, UT	Co-ordinate(NE) Reference: Site: Lake Fork Ranch 4-14B4, True North		
Site: Lake Fork Ranch 4-14B4	Vertical (TVD) Reference: SITE 6247.0		
Well: 4-14B4	Section (VS) Reference: Well (0.00N,0.00E,90.00Azi)		
Wellpath: OH	Plan: Plan #1		

Field: Duchesne Co, UT

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone
Coordinate System: Site Centre
Geomagnetic Model: IGRF2010

Site: Lake Fork Ranch 4-14B4
 Sec. 14-T2S-R4W
 802' FNL & 575' FWL

Site Position:	Northing: 7284785.93 ft	Latitude: 40 18 45.083 N
From: Geographic	Easting: 1972175.83 ft	Longitude: 110 18 37.059 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 0.00 ft		Grid Convergence: 0.06 deg

Well: 4-14B4

Slot Name:

Well Position:	+N/-S 0.00 ft	Northing: 7284785.93 ft	Latitude: 40 18 45.083 N
	+E/-W 0.00 ft	Easting : 1972175.83 ft	Longitude: 110 18 37.059 W
Position Uncertainty:	0.00 ft		

Wellpath: OH

Current Datum: SITE	Height 6247.00 ft	Drilled From: Surface
Magnetic Data: 2/16/2012		Tie on Depth: 0.00 ft
Field Strength: 52358 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)	+N/-S ft	Declination: 11.37 deg
	+E/-W ft	Mag Dip Angle: 65.95 deg
		Direction deg
		0.00 90.00

Plan: Plan #1

Date Composed: 2/16/2012
Version: 1
Tied-to: From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	90.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5900.00	0.00	90.00	5900.00	0.00	0.00	0.00	0.00	0.00	90.00	90.00
6162.06	3.93	90.00	6161.85	0.00	8.99	1.50	1.50	0.00	90.00	90.00
8744.43	3.93	90.00	8738.15	0.00	186.01	0.00	0.00	0.00	0.00	0.00
9006.49	0.00	90.00	9000.00	0.00	195.00	1.50	-1.50	0.00	180.00	180.00
13606.49	0.00	90.00	13600.00	0.00	195.00	0.00	0.00	0.00	90.00	90.00
14106.49	0.00	90.00	14100.00	0.00	195.00	0.00	0.00	0.00	90.00	90.00

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2500.00	0.00	90.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2600.00	0.00	90.00	2600.00	0.00	0.00	0.00	0.00	0.00	0.00	
2700.00	0.00	90.00	2700.00	0.00	0.00	0.00	0.00	0.00	0.00	
2800.00	0.00	90.00	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	
2900.00	0.00	90.00	2900.00	0.00	0.00	0.00	0.00	0.00	0.00	
3000.00	0.00	90.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	
3100.00	0.00	90.00	3100.00	0.00	0.00	0.00	0.00	0.00	0.00	
3200.00	0.00	90.00	3200.00	0.00	0.00	0.00	0.00	0.00	0.00	
3300.00	0.00	90.00	3300.00	0.00	0.00	0.00	0.00	0.00	0.00	
3400.00	0.00	90.00	3400.00	0.00	0.00	0.00	0.00	0.00	0.00	
3500.00	0.00	90.00	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3600.00	0.00	90.00	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	
3700.00	0.00	90.00	3700.00	0.00	0.00	0.00	0.00	0.00	0.00	
3800.00	0.00	90.00	3800.00	0.00	0.00	0.00	0.00	0.00	0.00	
3900.00	0.00	90.00	3900.00	0.00	0.00	0.00	0.00	0.00	0.00	



Ryan Energy Technologies Planning Report



Company: El Paso	Date: 2/16/2012	Time: 15:01:51	Page: 2
Field: Duchesne Co, UT	Co-ordinate(NE) Reference: Site: Lake Fork Ranch 4-14B4, True North		
Site: Lake Fork Ranch 4-14B4	Vertical (TVD) Reference: SITE 6247.0		
Well: 4-14B4	Section (VS) Reference: Well (0.00N,0.00E,90.00Azi)		
Wellpath: OH	Plan: Plan #1		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
4000.00	0.00	90.00	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	
4100.00	0.00	90.00	4100.00	0.00	0.00	0.00	0.00	0.00	0.00	
4200.00	0.00	90.00	4200.00	0.00	0.00	0.00	0.00	0.00	0.00	
4300.00	0.00	90.00	4300.00	0.00	0.00	0.00	0.00	0.00	0.00	
4400.00	0.00	90.00	4400.00	0.00	0.00	0.00	0.00	0.00	0.00	
4500.00	0.00	90.00	4500.00	0.00	0.00	0.00	0.00	0.00	0.00	
4600.00	0.00	90.00	4600.00	0.00	0.00	0.00	0.00	0.00	0.00	
4700.00	0.00	90.00	4700.00	0.00	0.00	0.00	0.00	0.00	0.00	
4800.00	0.00	90.00	4800.00	0.00	0.00	0.00	0.00	0.00	0.00	
4900.00	0.00	90.00	4900.00	0.00	0.00	0.00	0.00	0.00	0.00	
5000.00	0.00	90.00	5000.00	0.00	0.00	0.00	0.00	0.00	0.00	
5100.00	0.00	90.00	5100.00	0.00	0.00	0.00	0.00	0.00	0.00	
5200.00	0.00	90.00	5200.00	0.00	0.00	0.00	0.00	0.00	0.00	
5300.00	0.00	90.00	5300.00	0.00	0.00	0.00	0.00	0.00	0.00	
5400.00	0.00	90.00	5400.00	0.00	0.00	0.00	0.00	0.00	0.00	
5500.00	0.00	90.00	5500.00	0.00	0.00	0.00	0.00	0.00	0.00	
5600.00	0.00	90.00	5600.00	0.00	0.00	0.00	0.00	0.00	0.00	
5700.00	0.00	90.00	5700.00	0.00	0.00	0.00	0.00	0.00	0.00	
5800.00	0.00	90.00	5800.00	0.00	0.00	0.00	0.00	0.00	0.00	
5900.00	0.00	90.00	5900.00	0.00	0.00	0.00	0.00	0.00	0.00	
6000.00	1.50	90.00	5999.99	0.00	1.31	1.31	1.50	1.50	0.00	
6100.00	3.00	90.00	6099.91	0.00	5.23	5.23	1.50	1.50	0.00	
6162.06	3.93	90.00	6161.85	0.00	8.99	8.99	1.50	1.50	0.00	
6200.00	3.93	90.00	6199.71	0.00	11.59	11.59	0.00	0.00	0.00	
6300.00	3.93	90.00	6299.47	0.00	18.44	18.44	0.00	0.00	0.00	
6400.00	3.93	90.00	6399.23	0.00	25.30	25.30	0.00	0.00	0.00	
6500.00	3.93	90.00	6499.00	0.00	32.15	32.15	0.00	0.00	0.00	
6600.00	3.93	90.00	6598.76	0.00	39.01	39.01	0.00	0.00	0.00	
6700.00	3.93	90.00	6698.53	0.00	45.86	45.86	0.00	0.00	0.00	
6800.00	3.93	90.00	6798.29	0.00	52.72	52.72	0.00	0.00	0.00	
6900.00	3.93	90.00	6898.06	0.00	59.57	59.57	0.00	0.00	0.00	
7000.00	3.93	90.00	6997.82	0.00	66.43	66.43	0.00	0.00	0.00	
7100.00	3.93	90.00	7097.59	0.00	73.28	73.28	0.00	0.00	0.00	
7200.00	3.93	90.00	7197.35	0.00	80.14	80.14	0.00	0.00	0.00	
7300.00	3.93	90.00	7297.12	0.00	86.99	86.99	0.00	0.00	0.00	
7400.00	3.93	90.00	7396.88	0.00	93.85	93.85	0.00	0.00	0.00	
7500.00	3.93	90.00	7496.65	0.00	100.71	100.71	0.00	0.00	0.00	
7600.00	3.93	90.00	7596.41	0.00	107.56	107.56	0.00	0.00	0.00	
7700.00	3.93	90.00	7696.18	0.00	114.42	114.42	0.00	0.00	0.00	
7800.00	3.93	90.00	7795.94	0.00	121.27	121.27	0.00	0.00	0.00	
7900.00	3.93	90.00	7895.71	0.00	128.13	128.13	0.00	0.00	0.00	
8000.00	3.93	90.00	7995.47	0.00	134.98	134.98	0.00	0.00	0.00	
8100.00	3.93	90.00	8095.24	0.00	141.84	141.84	0.00	0.00	0.00	
8200.00	3.93	90.00	8195.00	0.00	148.69	148.69	0.00	0.00	0.00	
8300.00	3.93	90.00	8294.76	0.00	155.55	155.55	0.00	0.00	0.00	
8400.00	3.93	90.00	8394.53	0.00	162.40	162.40	0.00	0.00	0.00	
8500.00	3.93	90.00	8494.29	0.00	169.26	169.26	0.00	0.00	0.00	
8600.00	3.93	90.00	8594.06	0.00	176.11	176.11	0.00	0.00	0.00	
8700.00	3.93	90.00	8693.82	0.00	182.97	182.97	0.00	0.00	0.00	
8744.43	3.93	90.00	8738.15	0.00	186.01	186.01	0.00	0.00	0.00	
8800.00	3.10	90.00	8793.61	0.00	189.42	189.42	1.50	-1.50	0.00	
8900.00	1.60	90.00	8893.53	0.00	193.52	193.52	1.50	-1.50	0.00	
9006.49	0.00	90.00	9000.00	0.00	195.00	195.00	1.50	-1.50	0.00	

CONFIDENTIAL



Ryan Energy Technologies Planning Report



Company: El Paso	Date: 2/16/2012	Time: 15:01:51	Page: 3
Field: Duchesne Co, UT	Co-ordinate(NE) Reference: Site: Lake Fork Ranch 4-14B4, True North		
Site: Lake Fork Ranch 4-14B4	Vertical (TVD) Reference: SITE 6247.0		
Well: 4-14B4	Section (VS) Reference: Well (0.00N,0.00E,90.00Azi)		
Wellpath: OH	Plan: Plan #1		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
9100.00	0.00	90.00	9093.51	0.00	195.00	195.00	0.00	0.00	0.00	
9200.00	0.00	90.00	9193.51	0.00	195.00	195.00	0.00	0.00	0.00	
9300.00	0.00	90.00	9293.51	0.00	195.00	195.00	0.00	0.00	0.00	
9400.00	0.00	90.00	9393.51	0.00	195.00	195.00	0.00	0.00	0.00	
9500.00	0.00	90.00	9493.51	0.00	195.00	195.00	0.00	0.00	0.00	
9600.00	0.00	90.00	9593.51	0.00	195.00	195.00	0.00	0.00	0.00	
9700.00	0.00	90.00	9693.51	0.00	195.00	195.00	0.00	0.00	0.00	
9800.00	0.00	90.00	9793.51	0.00	195.00	195.00	0.00	0.00	0.00	
9900.00	0.00	90.00	9893.51	0.00	195.00	195.00	0.00	0.00	0.00	
10000.00	0.00	90.00	9993.51	0.00	195.00	195.00	0.00	0.00	0.00	
10100.00	0.00	90.00	10093.51	0.00	195.00	195.00	0.00	0.00	0.00	
10200.00	0.00	90.00	10193.51	0.00	195.00	195.00	0.00	0.00	0.00	
10300.00	0.00	90.00	10293.51	0.00	195.00	195.00	0.00	0.00	0.00	
10400.00	0.00	90.00	10393.51	0.00	195.00	195.00	0.00	0.00	0.00	
10500.00	0.00	90.00	10493.51	0.00	195.00	195.00	0.00	0.00	0.00	
10600.00	0.00	90.00	10593.51	0.00	195.00	195.00	0.00	0.00	0.00	
10700.00	0.00	90.00	10693.51	0.00	195.00	195.00	0.00	0.00	0.00	
10800.00	0.00	90.00	10793.51	0.00	195.00	195.00	0.00	0.00	0.00	
10900.00	0.00	90.00	10893.51	0.00	195.00	195.00	0.00	0.00	0.00	
11000.00	0.00	90.00	10993.51	0.00	195.00	195.00	0.00	0.00	0.00	
11100.00	0.00	90.00	11093.51	0.00	195.00	195.00	0.00	0.00	0.00	
11200.00	0.00	90.00	11193.51	0.00	195.00	195.00	0.00	0.00	0.00	
11300.00	0.00	90.00	11293.51	0.00	195.00	195.00	0.00	0.00	0.00	
11400.00	0.00	90.00	11393.51	0.00	195.00	195.00	0.00	0.00	0.00	
11500.00	0.00	90.00	11493.51	0.00	195.00	195.00	0.00	0.00	0.00	
11600.00	0.00	90.00	11593.51	0.00	195.00	195.00	0.00	0.00	0.00	
11700.00	0.00	90.00	11693.51	0.00	195.00	195.00	0.00	0.00	0.00	
11800.00	0.00	90.00	11793.51	0.00	195.00	195.00	0.00	0.00	0.00	
11900.00	0.00	90.00	11893.51	0.00	195.00	195.00	0.00	0.00	0.00	
12000.00	0.00	90.00	11993.51	0.00	195.00	195.00	0.00	0.00	0.00	
12100.00	0.00	90.00	12093.51	0.00	195.00	195.00	0.00	0.00	0.00	
12200.00	0.00	90.00	12193.51	0.00	195.00	195.00	0.00	0.00	0.00	
12300.00	0.00	90.00	12293.51	0.00	195.00	195.00	0.00	0.00	0.00	
12400.00	0.00	90.00	12393.51	0.00	195.00	195.00	0.00	0.00	0.00	
12500.00	0.00	90.00	12493.51	0.00	195.00	195.00	0.00	0.00	0.00	
12600.00	0.00	90.00	12593.51	0.00	195.00	195.00	0.00	0.00	0.00	
12700.00	0.00	90.00	12693.51	0.00	195.00	195.00	0.00	0.00	0.00	
12800.00	0.00	90.00	12793.51	0.00	195.00	195.00	0.00	0.00	0.00	
12900.00	0.00	90.00	12893.51	0.00	195.00	195.00	0.00	0.00	0.00	
13000.00	0.00	90.00	12993.51	0.00	195.00	195.00	0.00	0.00	0.00	
13100.00	0.00	90.00	13093.51	0.00	195.00	195.00	0.00	0.00	0.00	
13200.00	0.00	90.00	13193.51	0.00	195.00	195.00	0.00	0.00	0.00	
13300.00	0.00	90.00	13293.51	0.00	195.00	195.00	0.00	0.00	0.00	
13400.00	0.00	90.00	13393.51	0.00	195.00	195.00	0.00	0.00	0.00	
13500.00	0.00	90.00	13493.51	0.00	195.00	195.00	0.00	0.00	0.00	
13606.49	0.00	90.00	13600.00	0.00	195.00	195.00	0.00	0.00	0.00	
13700.00	0.00	90.00	13693.51	0.00	195.00	195.00	0.00	0.00	0.00	
13800.00	0.00	90.00	13793.51	0.00	195.00	195.00	0.00	0.00	0.00	
13900.00	0.00	90.00	13893.51	0.00	195.00	195.00	0.00	0.00	0.00	
14000.00	0.00	90.00	13993.51	0.00	195.00	195.00	0.00	0.00	0.00	
14106.49	0.00	90.00	14100.00	0.00	195.00	195.00	0.00	0.00	0.00	

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AFFIDAVIT OF SURFACE DAMAGE AND RIGHT-OF-WAY AGREEMENTS

Orion L. Mitchell personally appeared before me, and, being duly sworn, deposes and says:

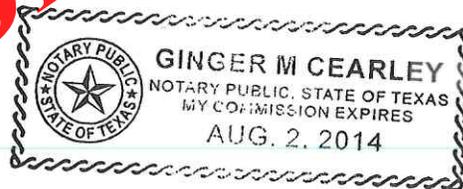
1. My name is Orion L. Mitchell. I am a Landman for El Paso E&P Company, L.P., whose address is 1001 Louisiana Street, Houston, Texas 77002 ("El Paso").
2. El Paso is the operator of the proposed Lake Fork Ranch 4-14B4 well ("the Well") to be located in the NW/4 of the NW/4 of Section 14, Township 2 South, Range 4 West, USM, Duchesne County, Utah (the "Drillsite Location"). The surface owner of the Drillsite location is Lake Fork Ranch, Inc. (Brent Brotherson, President), whose address is HC 65 Box 510048, Mountain Home, UT 84051 and whose telephone number is 435-823-7810 (the "Surface Owner").
3. El Paso and the Surface Owner have entered into a Damage Settlement and Release Agreement dated April 7, 2011 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 of the Well.
4. El Paso and the Surface Owner have also entered into a Right-of-Way Agreement dated April 7, 2011 for an access road, pipeline and power line corridor across the S/2 of the NW/4 of the NW/4 of Section 14, Township 2 South, Range 4 West, USM, Duchesne County, Utah.

FURTHER AFFIANT SAYETH NOT.

Orion L. Mitchell

Orion L. Mitchell

ACKNOWLEDGMENT



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STATE OF TEXAS §
 §
 COUNTY OF HARRIS §

This instrument was acknowledged before me on this the 6th day of February, 2012 by Orion L. Mitchell as a Landman for EL PASO 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.

Ginger M. Cearley

 Notary Public in and for State of Texas

EL PASO 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 .04 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: Duchesne City/Upper Country Water

5. Existing/Proposed Facilities For Productive Well:

- There are no existing facilities that will be utilized for this well.
- A pipeline corridor .04 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:

Lake Fork Ranch, Inc.
Brent Brotherson, President
HC 65 Box 510048
Mountain Home, Utah 84051
Phone: 435-823-7810

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:

El Paso E & P Company
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

Regarding This APD

El Paso E & P Company
Maria S. Gomez
1001 Louisiana, Rm 2730D
Houston, Texas 77002
713-420-5038 – Office

Drilling

El Paso E & P Company
Joe Cawthorn – Drilling Engineer
1001 Louisiana, Rm 2523B
Houston, Texas 77002
713-420-5929 – office
832-465-2882 – Cell

February 29, 2012

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple
Salt Lake City, Utah 84116

Attn: Mr. Brad Hill

Re: Lake Fork Ranch 4-14B4
Directional Drilling Letter

Dear Mr. Hill:

El Paso E&P Company, L.P. (El Paso) has submitted an APD for the Lake Fork Ranch 4-14B4 to be drilled as a directional well. The surface owner requested this location be placed 802' FNL & 575' FVL so that it does not interfere with railed grazing areas.

It is the same mineral owner 460' from all points of the wellbore.

If you have any question or need additional information, please contact Maria Gomez at 713-420-5038 or maria.gomez@elpaso.com.

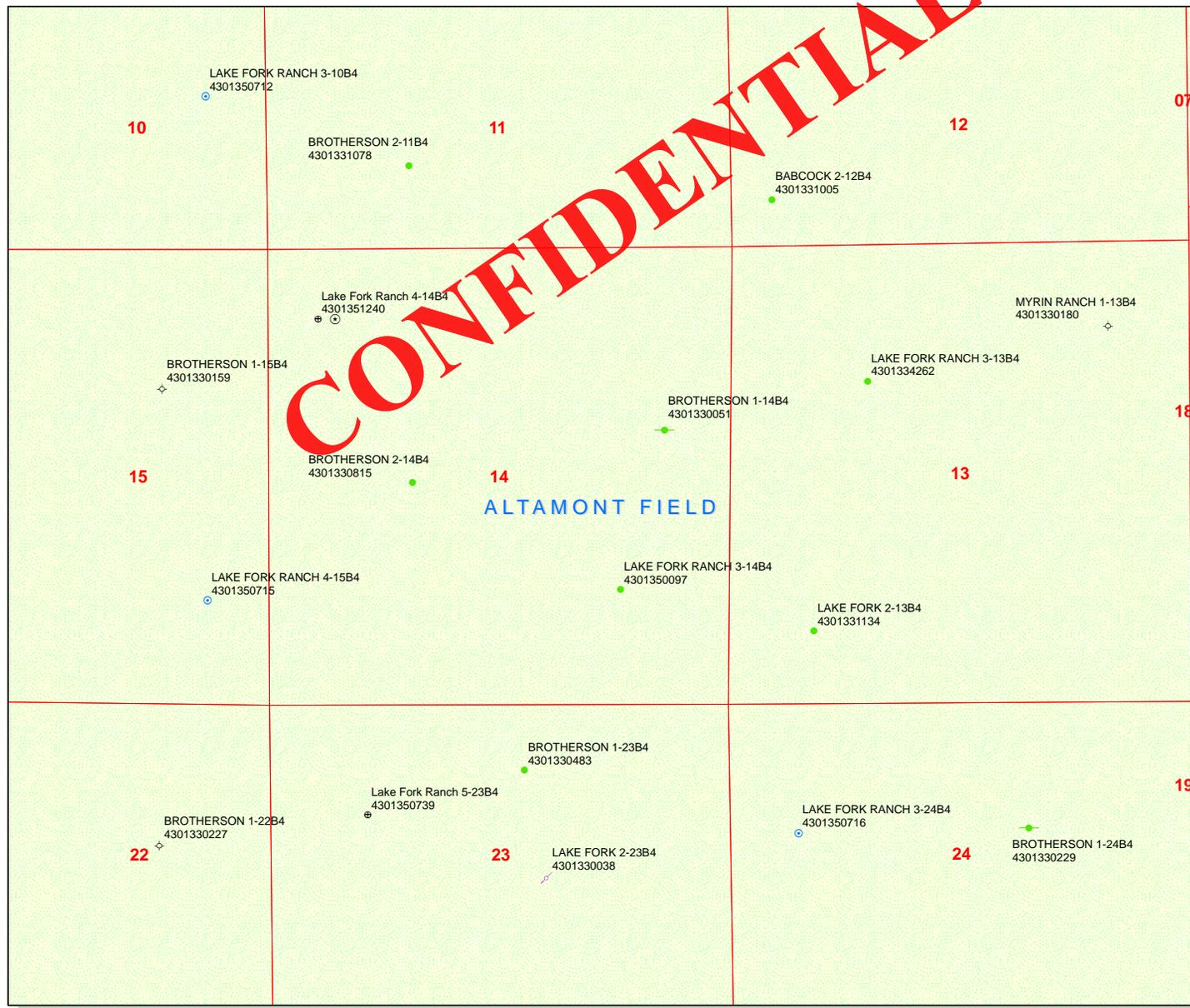
Sincerely,

Maria S. Gomez

Maria S. Gomez
Principle Regulatory Analyst

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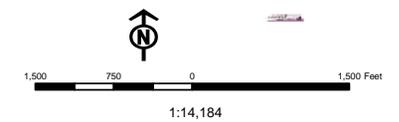
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API Number: 4301351240
Well Name: Lake Fork Ranch 4-14B4
Township T0.2 . Range R0.4 . Section 14
Meridian: UBM
 Operator: EL PASO E&P COMPANY, LP

Map Prepared:
 Map Produced by Diana Mason

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



Well Name	EL PASO E&P COMPANY, LP Lake Fork Ranch 4-14B4 43013512400000			
String	COND	SURF	I1	L1
Casing Size(")	13.375	9.625	7.000	4.500
Setting Depth (TVD)	1000	5900	10801	14093
Previous Shoe Setting Depth (TVD)	0	1000	5900	10801
Max Mud Weight (ppg)	8.4	9.5	11.9	14.0
BOPE Proposed (psi)	1000	1000	5000	10000
Casing Internal Yield (psi)	2730	5750	11220	12410
Operators Max Anticipated Pressure (psi)	9532			13.0

Calculations	COND String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	437	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	317	YES <input type="checkbox"/> rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	217	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)=	217	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

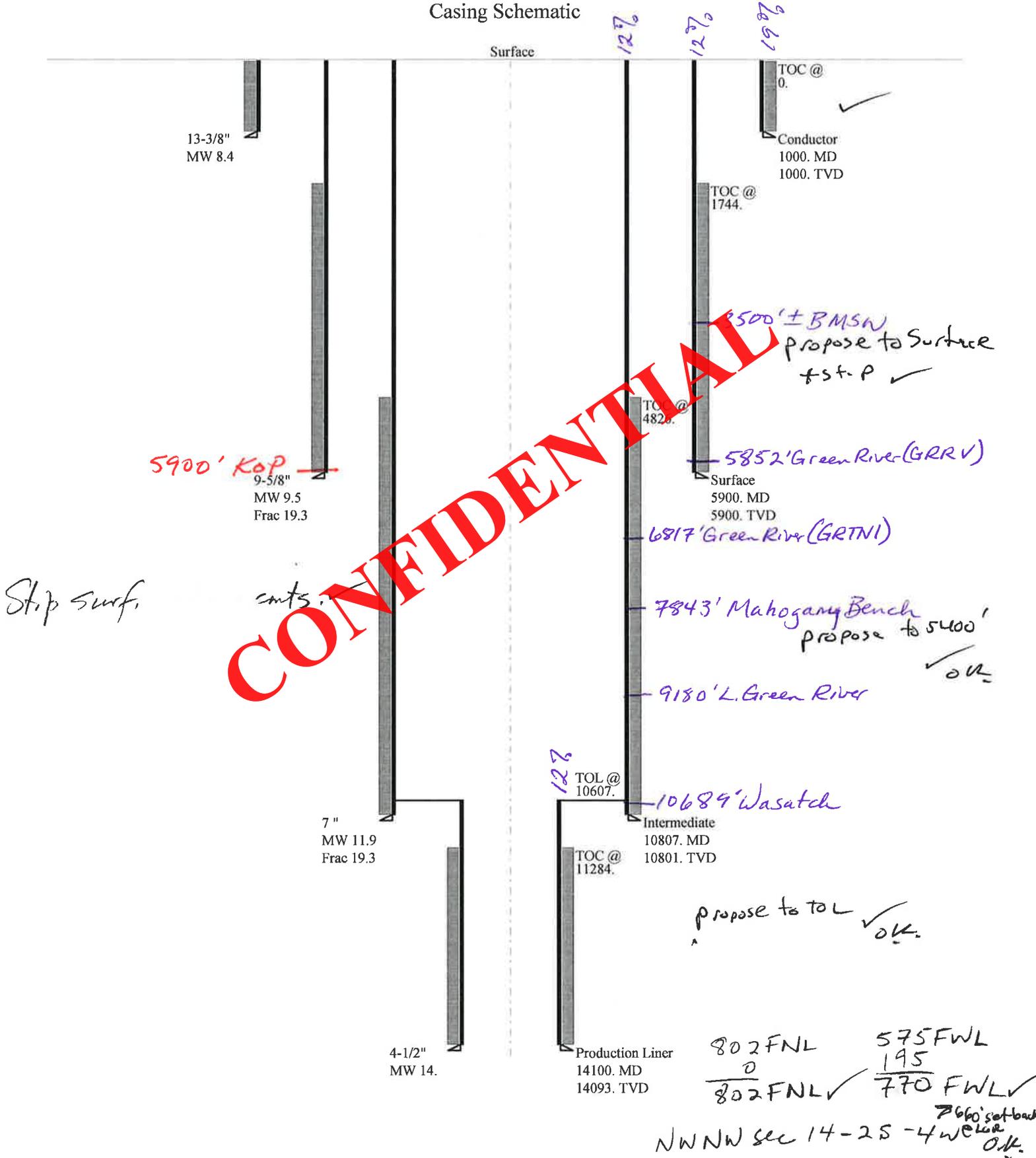
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	2975	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2207	NO <input type="checkbox"/> rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1617	NO <input type="checkbox"/> Reasonable, no expected pressures
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1837	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=	6684	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5388	NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4308	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)=	5606	YES <input type="checkbox"/> OK <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		7854	psi
*Max Pressure Allowed @ Previous Casing Shoe=		5750	psi *Assumes 1psi/ft frac gradient

Calculations	L1 String	4.500	"
Max BHP (psi)	.052*Setting Depth*MW=	10260	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	8569	YES <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	7160	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)=	9536	YES <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		8687	psi
*Max Pressure Allowed @ Previous Casing Shoe=		10801	psi *Assumes 1psi/ft frac gradient

43013512400000 Lake Fork Ranch 4-14B4

Casing Schematic



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Stop surf.

conts.

7660' set back

Well name:	43013512400000 Lake Fork Ranch 4-14B4		
Operator:	EL PASO E & P COMPANY, LP		
String type:	Conductor	Project ID:	43-013-51240
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Internal fluid density: 1.000 ppg

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 88 °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: 216 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 436 psi

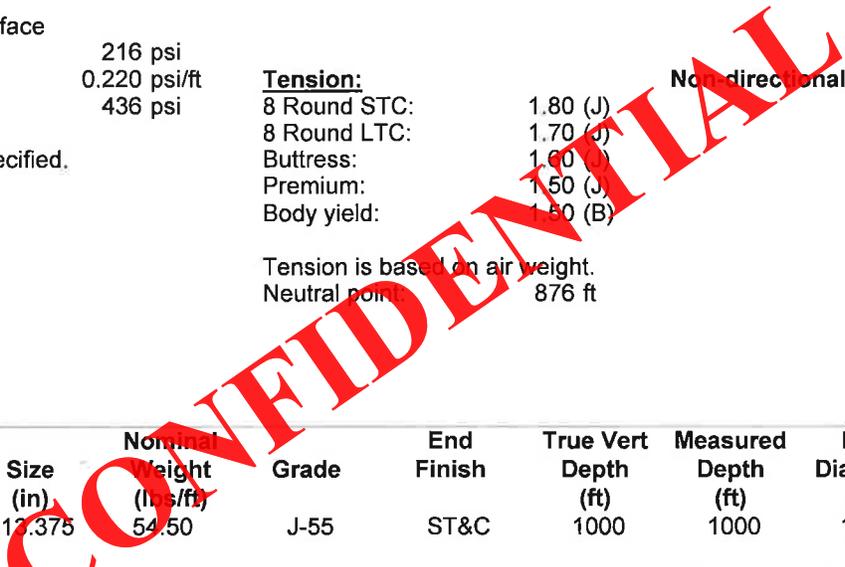
No backup mud specified.

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)

Non-directional string.

Tension is based on air weight.
 Neutral point: 876 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	12.375	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	384	1130	2.940	436	2730	6.26	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: March 28, 2012
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.4 ppg. An internal gradient of .052 psi/ft was used for collapse from TD to Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013512400000 Lake Fork Ranch 4-14B4	
Operator:	EL PASO E & P COMPANY, LP	
String type:	Surface	Project ID: 43-013-51240
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 9,500 ppg
Internal fluid density: 1,000 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: 157 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 1,744 ft

Burst

Max anticipated surface pressure: 4,301 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,599 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: 5,066 ft

Non directional string.

Re subsequent strings:

Next setting depth: 10,801 ft
Next mud weight: 11,900 ppg
Next setting BHP: 6,677 psi
Fracture mud wt: 19,250 ppg
Fracture depth: 5,900 ft
Injection pressure: 5,900 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	5900	9.625	40.00	N-80	LT&C	5900	5900	8.75	75076
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	2605	3090	1.186	5599	5750	1.03	236	737	3.12 J

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

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

Date: March 28, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 5900 ft, a mud weight of 9.5 ppg. An internal gradient of .052 psi/ft was used for collapse from TD to Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013512400000 Lake Fork Ranch 4-14B4		
Operator:	EL PASO E & P COMPANY, LP		
String type:	Intermediate	Project ID:	43-013-51240
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 11.900 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: 225 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 4,826 ft

Burst

Max anticipated surface pressure: 7,149 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 9,525 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: 1.80 (B)

Tension is based on air weight.
Neutral point: 8,862 ft

Directional Info - Build & Drop

Kick off point: 5900 ft
Departure at shoe: 195 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 0 °

Re subsequent strings:

Next setting depth: 14,094 ft
Next mud weight: 14.000 ppg
Next setting BHP: 10,250 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 10,801 ft
Injection pressure: 10,801 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	10807	7	29.00	P-110	LT&C	10801	10807	6.059	122039
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	6677	8530	1.278	9525	11220	1.18	313.2	797	2.54 J

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

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

Date: March 28, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 10801 ft, a mud weight of 11.9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43013512400000 Lake Fork Ranch 4-14B4		
Operator:	EL PASO E & P COMPANY, LP		
String type:	Production Liner	Project ID:	43-013-51240
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 14.000 ppg
 Internal fluid density: 1.500 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: 271 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Cement top: 11,284 ft

Burst

Max anticipated surface pressure: 7,149 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 10,250 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.
 Neutral point: 13,377 ft

Liner top: 10,607 ft

Directional Info - Build & Drop

Kick-off point: 5900 ft
 Departure at shoe: 195 ft
 Maximum dogleg: 0 °/100ft
 Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	3500	4.5	13.50	P-110	LT&C	14094	14100	3.795	19612
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	9152	10680	1.167	10250	12410	1.21	47.3	338	7.15 J

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

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

Date: March 28, 2012
 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 14094 ft, a mud weight of 14 ppg. An Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator EL PASO E&P COMPANY, LP
Well Name Lake Fork Ranch 4-14B4
API Number 43013512400000 **APD No** 5338 **Field/Unit** ALTAMONT
Location: 1/4,1/4 NWNW **Sec** 14 **Tw** 2.0S **Rng** 4.0W 802 FNL 575 FWL
GPS Coord (UTM) 558551 4462683 **Surface Owner** Lake Fork Ranch, Inc.

Participants

Wayne Garner (El Paso), Dennis L. Ingram (DOGM)

Regional/Local Setting & Topography

Wellsite is located 8.62 miles north of Duchesne Utah on Highway 87, then turn easterly for another 5.42 miles on existing county road, then turn left or westerly for another 0.62 miles where the access road is staked. The topography onsite and in the immediate area around it is relatively flat, open rangeland that was railed to remove cedar trees for cattle grazing. The surface slopes to the southeast and has a dirt road running east/west less than a hundred feet from the southern borders of the proposed wellsite. Sandstone ledge rock comes to the surface in some areas of the project. To the north a rocky, east west ridge separates this wellsite from Pigeon Water Creek which drains the Uinta Mountains run-off in a southeasterly direction into the Lake Fork River Drainage approximately 1.5 miles southeast of site. The local topography south and west of the proposed wellsite is rolling hills with sagebrush flats and pinion juniper forests.

Surface Use Plan

Current Surface Use
 Grazing

New Road
Miles

0.04

Well Pad

Width 342 **Length** 425

Src Const Material

Onsite

Surface Formation

DUCHR

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Surface has been railed and cleared mostly of cedar trees to provide grazing for cattle, a few cedar trees remain along the southern border of wellsite, surface is presently grass and young sagebrush; mule deer tracks on site, winter range for deer, elk, coyotes and other smaller mammals native to pinion juniper habitat.

Soil Type and Characteristics

Reddish to light tan sandy loam with underlying cobbles

Erosion Issues N

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

wellsite or location

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

Distance to Groundwater (feet)	> 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)	10 to 20	5
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		30 1 Sensitivity Level

Characteristics / Requirements

Reserve pit is staked along the northern side of site and measures 110' wide by 150' long by 12' deep, with prevailing winds from the west.

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

Landowner has signed an agreement and visited wellsite with El Paso when well was staked. Any landowner concerns were addressed at that meeting.

Dennis Ingram
Evaluator

2/24/2012
Date / Time

Application for Permit to Drill Statement of Basis

Utah Division of Oil, Gas and Mining

4/11/2012

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
5338	43013512400000	LOCKED	OW	P	No
Operator	EL PASO E&P COMPANY, LP		Surface Owner-APD	Lake Fork Ranch, Inc.	
Well Name	Lake Fork Ranch 4-14B4		Unit		
Field	ALTAMONT		Type of Work	DRILL	
Location	NWNW 14 2S 4W U 802 FNL (UTM) 558551E 4462683N		575 FWL GPS Coord		

Geologic Statement of Basis

El Paso proposes to set 1,000 feet of conductor and 5,000 feet of surface casing both of which will be cemented to surface. The surface and intermediate holes will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 3,500 feet. A search of Division of Water Rights records indicates that there are 9 water wells within a 10,000 foot radius of the center of Section 14. These wells range in depth from 31 to 650 feet. Wells average around 300 feet in depth. Listed use is domestic, irrigation, industrial and stock watering. Most of the wells in this area probably produce water from the Duchesne River Formation. The proposed casing and cement program should adequately protect the highly used Duchesne River aquifer.

Brent Hill
APD Evaluator

3/1/2012
Date / Time

Surface Statement of Basis

Brent Brotherson was contacted prior to presite visit and given the opportunity to participate. The landowner of record visited site with El Paso when they staked the well and provided his concerns at that time with the operator in the landowner agreement.

The 4-14B4 location is staked immediately north of a county access road on previously railed pinion/juniper habitat, having eighty percent of the surface open for cattle grazing. The surface slopes to the southeast and has sandstone ledge rock that comes to the surface in several places. The location cut on along the north side is less than six feet with six to twelve feet of fill along the southeastern corner. There aren't any diversion issues although the surface might require blasting in the reserve pit area. Therefore, the operator shall provide a smooth bottom to the pit before installing a 16 mil or thicker synthetic liner. If necessary a felt liner could be utilized to assure the liner holds fluid. A culvert might need to be installed where the access road leaves the county road because of drainage issues.

Dennis Ingram
Onsite Evaluator

2/24/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 2/21/2012

API NO. ASSIGNED: 43013512400000

WELL NAME: Lake Fork Ranch 4-14B4

OPERATOR: EL PASO E&P COMPANY, LP (N3065)

PHONE NUMBER: 713 420-5038

CONTACT: Maria S. Gomez

PROPOSED LOCATION: NWNW 14 020S 040W

Permit Tech Review:

SURFACE: 0802 FNL 0575 FWL

Engineering Review:

BOTTOM: 0802 FNL 0770 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.31262

LONGITUDE: -110.31092

UTM SURF EASTINGS: 558551.00

NORTHINGS: 4462683.00

FIELD NAME: ALTAMONT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - 400JU0708
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: Duchesne City / Upper County Water
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-84
- Effective Date: 12/31/2008
- Siting: 660' Fr Drl U Bdry & 1320' Fr Other Wells
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhll
9 - Cement casing to Surface - hmacdonald
15 - Directional - dmason



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: Lake Fork Ranch 4-14B4
API Well Number: 43013512400000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 4/11/2012

Issued to:

EL PASO E&P COMPANY, LP, 1001 Louisiana St., 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-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).

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

The cement volumes for the 9 5/8" casing shall be determined from actual hole conditions and the setting depth of the casing in order to place cement from the pipe setting depth back to the surface as stated in the drill 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

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company; EL PASO E&P COMPANY, LP

Well Name: LAKE FORK RANCH 4-14B4

Api No: 43-013-51240 Lease Type FEE

Section 14 Township 02S Range 04W County DUCHESNE

Drilling Contractor PETE MARTIN DRLG RIG # BUCKET

SPUDDED:

Date 05/02/2012

Time _____

How DRY

**Drilling will
Commence:** _____

Reported by BRUCE J THACKER

Telephone # (435) 823-1454

Date 05/02/2012 Signed CHD

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/1/2012

FROM: (Old Operator): N3065- El Paso E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002 Phone: 1 (713) 997-5038	TO: (New Operator): N3850- EP Energy E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002 Phone: 1 (713) 997-5038
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CA No.		Unit:			N/A			
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- Is the new operator registered in the State of Utah: Business Number: 2114377-0181
- (R649-9-2)Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 6/25/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: **Second Oper Chg**

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/29/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/29/2012
- Bond information entered in RBDMS on: 6/29/2012
- Fee/State wells attached to bond in RBDMS on: 6/29/2012
- Injection Projects to new operator in RBDMS on: 6/29/2012
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/29/2012

COMMENTS:

Disposal and Injections wells will be moved when UIC 5 is received.

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERSHANSLY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	

El Paso E2 Company, L.P. (N3065) to EP Energy E2 Company, L.P. (N3850) effective 6/1/2012

UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MCFARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

El Paso E3 Company, L.P. (N3065) to EP Energy E3 Company, L.P. (N3850) effective 6/1/2012

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P

El Paso E4 Company, L.P. (N3065) to EP Energy E4 Company, L.P. (N3850) effective 6/1/2012

HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P

El Paso E5 Company, L.P. (N3065) to EP Energy E5 Company, L.P. (N3850) effective 6/1/2012

OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHiodo 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

El Paso E6 Company, L.P. (N3065) to EP Energy E6 Company, L.P. (N3850) effective 6/1/2012

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P
OBERHANSLY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA

El Paso E7 Company, L.P. (N3065) to EP Energy E7 Company, L.P. (N3850) effective 6/1/2012

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA
OBERHANSLY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S

El Paso E8 Company, L.P. (N3065) to EP Energy E8 Company, L.P. (N3850) effective 6/1/2012

UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	

El Paso E9 Company, L.P. (N3065) to EP Energy E9 Company, L.P. (N3850) effective 6/1/2012

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Lake Fork Ranch 4-14B4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013512400000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0802 FNL 0575 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 14 Township: 02.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	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: 7/17/2012	<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="Initial Completion"/>

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

Please see attached procedure for details.

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

Date: July 23, 2012

By: 

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principle Regulatory Analyst
SIGNATURE N/A	DATE 7/13/2012	

**Lakefork Ranch 4-14B4
Initial Completion
43013512400000**

The following precautions will be taken until the RCA for the Conover is completed:

1. Review torque turning and running of the 7" and 4 1/2" liner of anomalies.
2. Test and chart casing for 30 minutes, noting pressure if any on surface casing.
3. Test all lubricators, valves and BOP's to working pressure.
4. Wellhead isolation tools will continue to be used to isolate the wellhead during the frac.
5. Monitor the surface casing during frac:
 - a. Lay a flowline to the flow back tank and keep the valve open.
 - b. This line will remain in place until a wire line set retrievable packer is in place isolating the 4 1/2" casing from the 7" after the frac.
6. 2 7/8" tubing will be run to isolate the 7" casing during the flow back of the well.
7. Well pressure and annulus pressure would be monitored during this time until the well is ready for pump.

Completion Information (Wasatch Formation)

- Stage 1: RU WL unit with 10K lubricator and test to 10000 psi with water. Perforations from ~12643' – 12899' with ~5000 gallons of 15% HCL acid, ~2500# of 100 mesh sand and ~110000# Inter. Ceramic 20/40.
- Stage 2: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~12632'. Test CBP and casing to 8500 psi. Perforations from ~12359' – 12616' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~120000# Inter. Ceramic 20/40.
- Stage 3: RU WL unit with 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~12338'. Test CBP and casing to 8500 psi. Perforations from ~12089' – 12328' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~135000# Inter. Ceramic 20/40.

Stage 4: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~12075'. Test CBP and casing to 8500 psi. Perforations from ~11765' – 12064' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~125000# Inter. Ceramic 20/40.

Stage 5: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~11755'. Test CBP and casing to 8500 psi. Perforations from ~11441' – 11745' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~120000# Inter. Ceramic 20/40.

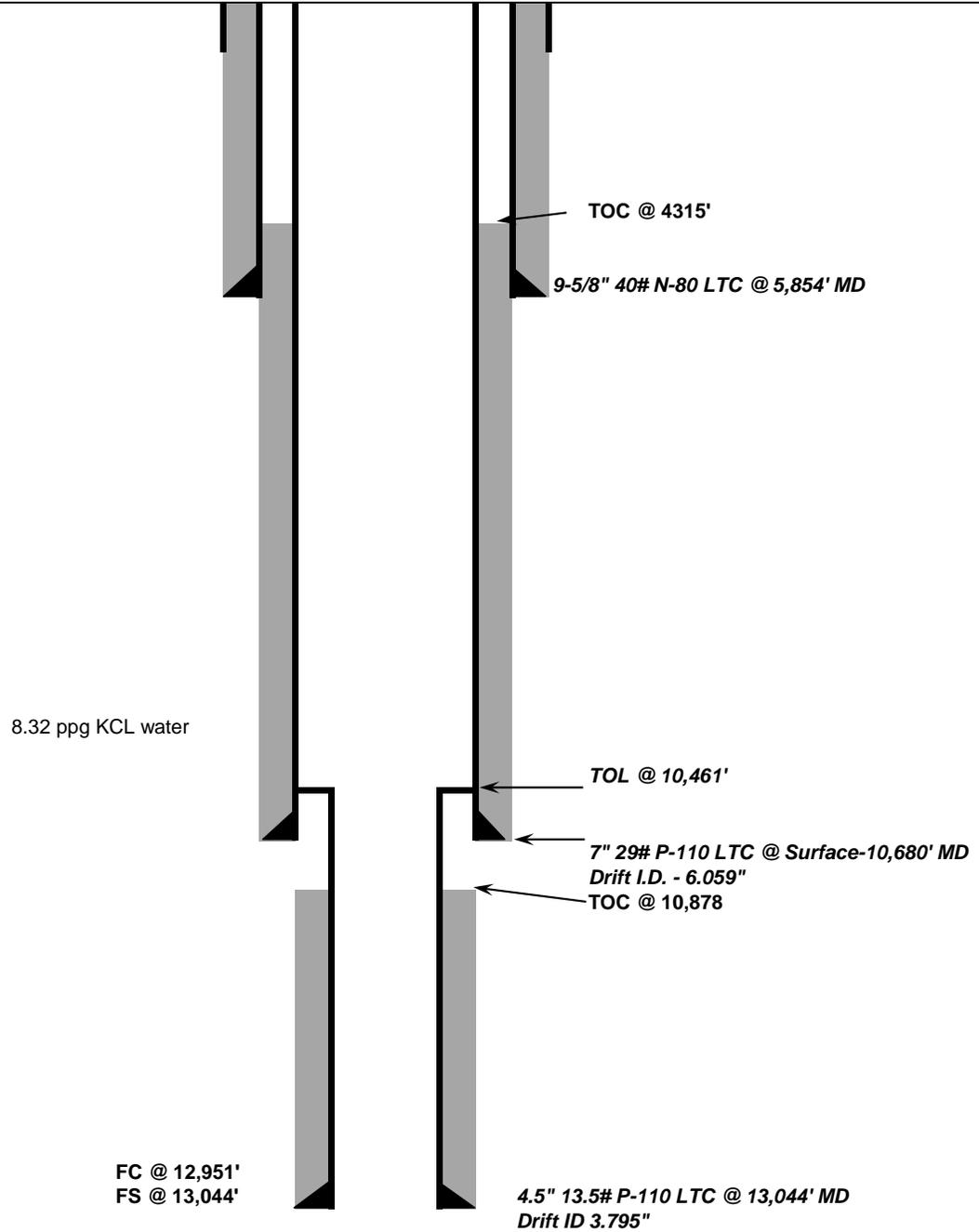
Stage 6: RU 10K lubricator and test to 10000 psi with water. Set 10K CBP @ ~11425'. Test CBP and casing to 8500 psi. Perforations from ~11115' – 11416' with ~5000 gallons of 15% HCL acid, ~3000# of 100 mesh sand and ~125000# Inter. Ceramic 20/40.



Current Wellbore Schematic

Company Name: El Paso Exploration & Production
Well Name: Lakefork Ranch 4-14B4
Field, County, State: Altamont - Bluebell, Duchesne, Utah
Surface Location: Lat: 40° 18' 45.08530" N Long: 110° 18' 39.57309" W
Producing Zone(s): Wasatch

Last Updated: 7/12/2012
By: Peter Schmeltz
TD: 13,044'
BHL: _____
Elevation: _____

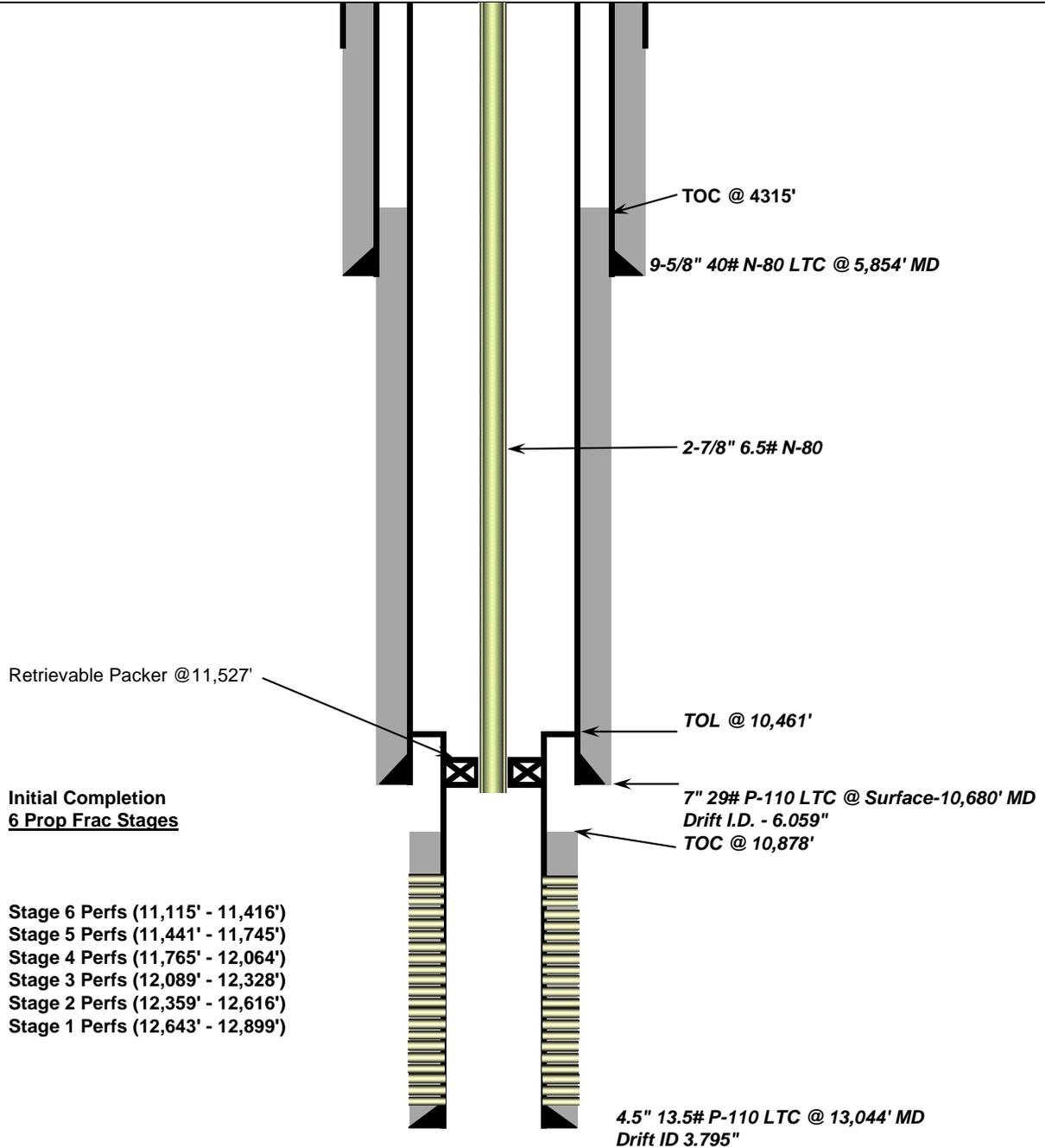




Initial Completion Wellbore Schematic

Company Name: El Paso Exploration & Production
Well Name: Lakefork Ranch 4-14B4
Field, County, State: Altamont - Bluebell, Duchesne, Utah
Surface Location: Lat: 40° 18' 45.08530" N Long: 110° 18' 39.57309" W
Producing Zone(s): Wasatch

Last Updated: 7/12/2012
By: Peter Schmeltz
TD: 13,044'
BHL: _____
Elevation: _____



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

FORM 6

ENTITY ACTION FORM

Operator: EP Energy E&P Company, L.P. Operator Account Number: N 3850
 Address: 1001 Louisiana, Room 2730D
city Houston
state TX zip 77002 Phone Number: (713) 997-5038

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301351240	Lake Fork Ranch 4-14B4		NWNW	14	2S	4W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	18597	5/2/12			7/18/2012	
Comments: <u>GR-WS</u> <u>BHL: nwnw</u> <u>Confidential</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301351241	Melesco 4-20C6		SWNW	20	3S	6W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	18598	5/25/2012			7/18/2012	
Comments: <u>GR-WS</u> <u>Confidential</u>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments: 							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Maria S. Gomez

Name (Please Print)

Maria S. Gomez

Signature

Principal Regulatory Analyst

7/11/2012

Title

Date

RECEIVED
JUL 13 2012

Div. of Oil, Gas & Mining

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
		8. WELL NAME and NUMBER: LAKE FORK RANCH 4-14B4	
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		9. API NUMBER: 43013512400000	
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		9. FIELD and POOL or WILDCAT: ALTAMONT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0802 FNL 0575 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 14 Township: 02.0S Range: 04.0W Meridian: U		PHONE NUMBER: 713 997-5038 Ext	
		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/21/2012	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see attached for details. FINAL REPORT.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 28, 2012			
NAME (PLEASE PRINT) Maria S. Gomez		PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A		DATE 11/26/2012	

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	LAKE FORK RANCH 4-14B4		
Project	ALTAMONT FIELD	Site	LAKE FORK RANCH 4-14B4
Rig Name/No.	PRECISION DRILLING/406	Event	DRILLING LAND
Start Date	5/5/2012	End Date	7/2/2012
Spud Date/Time	5/25/2012	UWI	LAKE FORK RANCH 4-14B4
Active Datum	KB @6,246.9ft (above Mean Sea Level)		
Afe No./Description	152532/45151 / LAKE FORK RANCH 4-14B4		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
5/5/2012	6:00		MIRU	01		P		MOVE IN /RIG UP
5/22/2012	6:00 18:00	12.00	MIRU	01		P	1,009.0	MIRU. 100% MOVED. 50% RIGGED UP. CLEANED DERRICK.
	18:00 6:00	12.00	MIRU	01		P	1,009.0	SDFN.
5/23/2012	6:00 6:00	24.00	MIRU	01		P	1,009.0	RIGGED UP. 75% RIGGED UP.
5/24/2012	6:00 14:00	8.00	MIRU	01		P	1,009.0	FINISHED RIG UP. BEGAN DAYWORK AT 1400 HRS, 05/23/2012.
	14:00 16:30	2.50	CASCOND	27		P	1,009.0	CUT CONDUCTOR & WELDED ON 13 5/8" 3M WELLHEAD. TESTED TO 800 PSI FOR 15 MINUTES.
	16:30 4:00	11.50	CASCOND	28		P	1,009.0	NU 13 5/8" 3M DIVERTER SYSTEM. REPLACED LINERS/SWABS IN MUD PUMP 1. TESTED CHOKE MANIFOLD 250 / 10,000 PSI.
	4:00 6:00	2.00	CASCOND	30		P	1,009.0	TEST DIVERTER BOPE 250 / 2,500 PSI. MIX SPUD MUD.
5/25/2012	6:00 12:30	6.50	CASCOND	30		P	1,009.0	FINISHED DIVERTER TEST 250 / 2,500 PSI, FLOOR VALVES 250 / 5,000 PSI, & MUD LINE 250 / 4,000 PSI. MIXED SPUD MUD. REPLACED 5" SWABS & LINERS WITH 6" IN MUD PUMP 2.
	12:30 15:30	3.00	DRLSURF	42		P	1,009.0	DRESSED SHAKERS, SET MOUSE HOLE, NU FLOWLINE. PREPARE TO PU BHA.
	15:30 19:00	3.50	DRLSURF	14		P	1,009.0	PUMU 12 1/4" BIT, MM, SS, PRO-DRIFT SUB. PUMU DCS & HW.
	19:00 20:30	1.50	DRLSURF	17		P	1,009.0	CUT DRILL LINE.
	20:30 21:00	0.50	CASCOND	14		P	1,009.0	PUMU 4 1/2" DRILL PIPE. TAGGED @ 938'.
	21:00 21:30	0.50	DRLSURF	31		P	1,009.0	SUCCESSFULLY TESTED CASING TO 1000 PSI FOR 30 MINS.
	21:30 23:00	1.50	DRLSURF	72		P	1,009.0	DRILLED CEMENT, FLOAT EQUIPMENT, AND 10' OF NEW FORMATION TO 1,019'.
	23:00 0:00	1.00	DRLSURF	33		P	1,019.0	C & C MUD. PERFORMED FIT, 211 PSI ADDED SURFACE PRESSURE WITH 8.5 PPG MUD = 12.5 EMW.
	0:00 6:00	6.00	DRLSURF	07		P	1,019.0	DRILLED 1,019 TO 1,539'
5/26/2012	6:00 14:00	8.00	DRLSURF	07		P	1,539.0	DRILLED 1,539' TO 2,079'.
	14:00 14:30	0.50	DRLSURF	12		P	2,079.0	SERVICED TOP DRIVE.
	14:30 15:00	0.50	DRLSURF	07		P	2,079.0	DRILLED 2,079' TO 2,089'.
	15:00 18:00	3.00	DRLSURF	43		N	2,089.0	REMOVED CRACKED/WASHED GOOSE NECK FROM SWIVEL.
	18:00 18:30	0.50	DRLSURF	11		P	2,089.0	SL SURVEYED @ 2,000' = 1/4 DEGREES.
	18:30 20:00	1.50	DRLSURF	43		N	2,089.0	INSTALLED GOOSE NECK ON SWIVEL.
	20:00 6:00	10.00	DRLSURF	07		P	2,089.0	DRILLED 2,089' TO 2,826'.
5/27/2012	6:00 12:30	6.50	DRLSURF	07		P	2,826.0	DRILLED 2,826' TO 3,291'.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
5/28/2012	12:30 13:00	0.50	DRLSURF	12		P	3,291.0	SERVICED RIG & TOP DRIVE.
	13:00 6:00	17.00	DRLSURF	07		P	3,291.0	DRILLED 3,291'. TO 4,187'.
	6:00 15:00	9.00	DRLSURF	07		P	4,187.0	DRILLED 4,187' TO 4,596'.
	15:00 15:30	0.50	DRLSURF	12		P	4,596.0	SERVICED RIG AND TOP DRIVE.
5/29/2012	15:30 6:00	14.50	DRLSURF	07		P	4,596.0	DRILLED 4,596' TO 5,100'.
	6:00 7:30	1.50	DRLSURF	15		P	5,100.0	C & C MUD. CIRC HOLE CLEAN.
	7:30 19:00	11.50	DRLSURF	13		P	5,100.0	BACK-REAMED 5 STANDS OUT. ATTEMPTED TO PULL A STAND - BACK-REAMED OUT TO 2,800' - SWEEPED HOLE & CBU AT 6 INTERVALS. BUTTER-BEAN SIZED RUBBLE AT SHAKERS.
	19:00 1:00	6.00	DRLSURF	13		P	5,100.0	TOOH SLOWLY. LAID DOWN MOTOR AND BIT.
	1:00 2:30	1.50	DRLSURF	13		P	5,100.0	TIH WITH BIT #2 (Q506 FX) & FRESH MUD MOTOR TO CASING SHOE.
	2:30 6:00	3.50	DRLSURF	46		N	5,100.0	WELD FINGER ON MONKEY BOARD. SERVICED RIG.
5/30/2012	6:00 12:00	6.00	DRLSURF	51		P	5,100.0	TRIPPED / REAMED FROM CASING SHOE TO BRIDGE AT 3,630'. PEA TO BUTTER-BEAN X2 SIZED RUBBLE AT SHAKERS.
	12:00 14:00	2.00	DRLSURF	51		P	5,100.0	REAMED THROUGH BRIGE 3,630 - 3,666'.
	14:00 15:00	1.00	DRLSURF	13		P	5,100.0	TIH TO 5,025'.
	15:00 16:00	1.00	DRLSURF	51		P	5,100.0	PRECAUTIONARY REAMED LAST STAND TO BOTTOM.
	16:00 20:30	4.50	DRLSURF	07		P	5,100.0	DRILLED 5,100' - 5,248'.
	20:30 21:00	0.50	DRLSURF	12		P	5,248.0	SERVICED RIG & TOP DRIVE.
5/31/2012	21:00 6:00	9.00	DRLSURF	07		P	5,248.0	DRILLED 5,248' - 5,577'.
	6:00 10:30	4.50	DPDCOND	07		P	5,577.0	DRILLING FROM 5,577' TO 5,619'.
	10:30 11:00	0.50	DPDCOND	12		P	5,619.0	RIG SERVICE
	11:00 18:00	7.00	DPDCOND	07		P	5,619.0	DRILLING FROM 5,619' TO 5,717'.
	18:00 19:00	1.00	DPDCOND	45		N	5,717.0	CHANGE OUT SWAB ON #1 MUD PUMP.
6/1/2012	19:00 6:00	11.00	DPDCOND	07		P	5,717.0	DRILLING FROM 5,717' TO 5,845'.
	6:00 6:30	0.50	DPDCOND	07		P	5,845.0	DRILLING FROM 5,845' TO 5,854'
	6:30 8:30	2.00	DPDCOND	15		P	5,854.0	CIRCULATE AND CONDITION MUD
	8:30 15:30	7.00	DPDCOND	13		P	5,854.0	SHORT TRIP TO CASING SHOE
	15:30 16:30	1.00	DPDCOND	47		N	5,854.0	REPAIRS TO HYDRAULIC PUMP / TOP DRIVE
	16:30 18:30	2.00	DPDCOND	13		P	5,854.0	TRIP IN HOLE. WASH 68' TO BOTTOM.
	18:30 20:30	2.00	DPDCOND	15		P	5,854.0	C & C MUD.
	20:30 22:30	2.00	DPDCOND	11		P	5,854.0	SM. RIG UP & RUN GYRO. RIG DOWN.
	22:30 0:30	2.00	DPDCOND	43		N	5,854.0	C & C MUD WHILE REPAIRING TDS. (CO GRABBER BOX)
	0:30 1:00	0.50	DPDCOND	15		P	5,854.0	C & C MUD @ FULL PUMP RATE.
6/2/2012	1:00 6:00	5.00	DPDCOND	13		P	5,854.0	POOH TO RUN 9 5/8" CASING.
	6:00 11:30	5.50	DPDCOND	13		P	5,854.0	TRIP OUT OF HOLE TO RUN 9-5/8" CASING
	11:30 11:45	0.25	DPDCOND	12		P	5,854.0	RIG SERVICE
	11:45 15:00	3.25	CASCOND	24		P	5,854.0	CLEAN FLOOR, CLEAR CATWALK, RIG UP CASING CREW
	15:00 4:00	13.00	CASCOND	24		P	5,854.0	RAN FLOAT SHOE, 1 JOINT OF 9-5/8" 40# N-80 LTC CASING, FLOAT COLLAR, AND 128 JOINTS OF CASING WITH 35 CENTRALIZERS (1 EVERY THIRD JOINT). TOTAL LENGTH 5,870.34 SET AT 5854'. STAGE IN HOLE, CIRCULATE BOTTOMS UP EVERY 1000'. LD FILL TOOL.
6/3/2012	4:00 6:00	2.00	CASCOND	15		P	5,854.0	MU CIRC SWEDGE, WASH TO BOTTOM & CIRCULATE. RD CASING CREW.
	6:00 8:30	2.50	CASSURF	15		P	5,854.0	CIRCULATE AND WORK CASING WHILE RIGGING UP HALLIBURTON. REMOVE CASING SWEDGE AND INSTALL CEMENT HEAD.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	8:30 12:00	3.50	CASPRD1	25		P	5,854.0	PRESSURE TEST CEMENT LINES TO 5000 PSI. CEMENT WITH 100 BBLS FRESH WATER SPACER, 495 BBLS (880 SACKS, 3.16 YIELD) 11# PPG LEAD, 45.0 BBLS (190 SACKS, 1.33 YIELD) 14.2 PPG TAIL. DISPLACED WITH 441 BBLS OF DRILLING MUD. BUMPED PLUG AT 640 PSI, PRESSURED TO 1140 PSI. FLOWED BACK 1-1/2 BBLS, FLOATS HELD. CIRCULATED 68 BBLS OF GOOD CEMENT TO SURFACE.
	12:00 15:00	3.00	CASSURF	29		P	5,854.0	NIPPLE DOWN DIVERTER STACK
	15:00 17:00	2.00	CASSURF	42		P	5,854.0	RAN 180' 1" TUBING. TOP JOB WITH 100 SKS (20 BBLS, YIELD 1.15) 15.8 PPG CEMENT WITH 3% CALCIUM CHLORIDE. GOOD RETURNS
	17:00 0:00	7.00	CASSURF	29		P	5,854.0	NIPPLE DOWN DIVERTER STACK. CUT OFF 9 5/8" CASING. LD DIVERTER STACK. CUT OFF CASING BOWL. MAKE FINAL CUT ON 9 5/8" CASING.
	0:00 4:00	4.00	CASSURF	27		P	5,854.0	INSTALL AND WELD ON CASING HEAD. TEST TO 2000 PSI.
	4:00 6:00	2.00	CASSURF	28		P	5,854.0	NIPPLE UP BOPE.
6/4/2012	6:00 1:00	19.00	CASSURF	28		P	5,854.0	NIPPLE UP 10K BOPE.
	1:00 5:00	4.00	CASSURF	19		P	5,854.0	TEST BOPE. TEST PIPE RAMS, BLIND RAMS, HCR, & MANUAL VALVES 300 LOW & 5000 HIGH. TEST ANNULAR 300 LOW & 2500 HIGH.
	5:00 6:00	1.00	CASSURF	31		P	5,854.0	TEST 9 5/8" CASING TO 2500 PSI & HOLD 30 MIN.
6/5/2012	6:00 7:30	1.50	CASSURF	30		P	5,854.0	PRESSURE TEST CASING 2500 PSI / 30 MINUTES. OK. INSTALL WEAR BUSHING.
	7:30 11:30	4.00	CASSURF	14		P	5,854.0	PICK UP DIRECTIONAL TOOLS
	11:30 13:30	2.00	CASSURF	14		P	5,854.0	PICK UP DRILL COLLARS
	13:30 17:00	3.50	CASSURF	17		P	5,854.0	SLIP AND CUT DRILLING LINE
	17:00 20:00	3.00	CASSURF	13		P	5,854.0	TIH. TAG CEMENT AT 5795'.
	20:00 21:30	1.50	CASSURF	32		P	5,854.0	DRILL FLOAT EQUIPMENT & CEMENT.
	21:30 22:00	0.50	DRLINT1	07		P	5,854.0	DRILL FROM 5,854' - 5,864'.
	22:00 22:30	0.50	DRLINT1	33		P	5,864.0	PERFORM FIT @9.6 MW PLUS 1050 ADDED SURFACE PSI. 13.0 EMW.
	22:30 6:00	7.50	DRLINT1	08		P	5,864.0	DRILL DIRECTIONAL FROM 5,864' - 6,120'.
6/6/2012	6:00 11:00	5.00	DRLINT1	08		P	6,120.0	DRILLING FROM 6120' TO 6,372'
	11:00 11:30	0.50	DRLINT1	12		P	6,372.0	RIG SERVICE
	11:30 19:30	8.00	DRLINT1	08		P	6,372.0	DRILLING FROM 6372' TO 6,675'.
	19:30 22:00	2.50	DRLINT1	43		N	6,675.0	TROUBLE SHOOT TOP DRIVE GRABBER PROBLEM. CHANGE OUT HYDRAULIC PUMP IN TOP DRIVE HOUSE.
	22:00 23:30	1.50	DRLINT1	08		P	6,675.0	DRILLING FROM 6,675' - 6,743'.
	23:30 0:00	0.50	DRLINT1	43		N	6,743.0	CHANGE OUT GRABBER DIES ON TOP DRIVE.
	0:00 6:00	6.00	DRLINT1	08		P	6,743.0	DRILLING FROM 6,743' - 6,960'.
6/7/2012	6:00 7:30	1.50	DRLINT1	15		P	6,960.0	CIRCULATE AND RAISE MUD WEIGHT TO 10.0 PPG, LARGE AMOUNTS OF GAS
	7:30 17:30	10.00	DRLINT1	08		P	6,960.0	DRILLING FROM 6,960 TO 7,402'.
	17:30 18:00	0.50	DRLINT1	12		P	7,402.0	SERVICE RIG & TDS.
	18:00 6:00	12.00	DRLINT1	08		P	7,402.0	DRILLING FROM 7,402' - 7,706'.
6/8/2012	6:00 8:00	2.00	DRLINT1	43		N	7,706.0	CHANGE OUT GRABBER ON TOP DRIVE
	8:00 8:30	0.50	DRLINT1	12		P	7,706.0	SERVICE RIG & TDS.
	8:30 6:00	21.50	DRLINT1	08		P	7,706.0	DRILLING FROM 7,706' TO 8,260'.
6/9/2012	6:00 11:30	5.50	DRLINT1	08		P	8,260.0	DRILLING FROM 8260' TO 8420'
	11:30 12:00	0.50	DRLINT1	12		P	8,420.0	RIG SERVICE
	12:00 0:30	12.50	DRLINT1	08		P	8,420.0	DRILLING FROM 8420' TO 8,728'.
	0:30 1:00	0.50	DRLINT1	45		N	8,728.0	REPAIR #1 MUD PUMP. (CHANGE VALVE & SEAT).
	1:00 6:00	5.00	DRLINT1	08		P	8,728.0	DRILLING FROM 8,728' - 8,887'.
6/10/2012	6:00 10:30	4.50	DRLINT1	07		P	8,887.0	DRILLING FROM 8,887' TO 9,074'

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	10:30 11:00	0.50	DRLINT1	12		P	9,074.0	RIG SERVICE
	11:00 22:30	11.50	DRLINT1	07		P	9,074.0	DRILLING FROM 9,074' TO 9,468'.
	22:30 23:30	1.00	DRLINT1	44		N	9,468.0	REPAIR DRAW WORKS.
	23:30 6:00	6.50	DRLINT1	07		P	9,468.0	DRILLING FROM 9,468' - 9,643'.
6/11/2012	6:00 17:00	11.00	DRLINT1	07		P	9,643.0	DRILLING FROM 9643' TO 10,101'
	17:00 17:30	0.50	DRLINT1	12		P	10,101.0	RIG SERVICE
	17:30 6:00	12.50	DRLINT1	07		P	10,101.0	DRILLING FROM 10,101' TO 10,557'.
6/12/2012	6:00 9:00	3.00	DRLINT1	07		P	10,557.0	DRILLING FROM 10,557' TO 10,660'
	9:00 9:30	0.50	DRLINT1	12		P	10,660.0	RIG SERVICE
	9:30 11:30	2.00	DRLINT1	07		P	10,660.0	DRILLING FROM 10,660' TO 10,700'
	11:30 13:30	2.00	DRLINT1	15		P	10,700.0	CIRCULATE AND CONDITION MUD
	13:30 18:00	4.50	DRLINT1	13		P	10,700.0	SHORT TRIP TO CASING SHOE AT 5,854'.
	18:00 19:30	1.50	DRLINT1	15		P	10,700.0	CIRCULATE AND CONDITION MUD
	19:30 20:30	1.00	DRLINT1	13		P	10,700.0	FINISH TRIP IN HOLE.
	20:30 22:30	2.00	DRLINT1	15		P	10,700.0	CIRCULATE AND CONDITION MUD
6/13/2012	22:30 6:00	7.50	DRLINT1	13		P	10,700.0	SLUG. POOH TO LOG. LD DIRECTIONAL TOOLS.
	6:00 8:30	2.50	DRLINT1	13		P	10,700.0	TOOH WITH DRILL COLLARS. LAID DOWN DIRECTIONAL TOOLS.
	8:30 15:30	7.00	DRLINT1	22		P	10,700.0	PJSM. RU HALLIBURTON WIRELINE TRUCK. LOGGED TRIPLE-COMBO + SONIC.
	15:30 2:00	10.50	DRLINT1	13		P	10,700.0	SIH, FILLED PIPE AT 30 STD INTERVALS. CIRC BOTTOMS UP AT 5,800', & 8,500'. MAX BHT = 185F.
	2:00 5:00	3.00	DRLINT1	15		P	10,700.0	C & C MUD.
6/14/2012	5:00 6:00	1.00	DRLINT1	14		P	10,700.0	SLUGGED, LD DP.
	6:00 12:00	6.00	DRLINT1	14		P	10,700.0	LAID DOWN 4-1/2" DP.
	12:00 14:00	2.00	DRLINT1	12		P	10,700.0	SLIPPED & CDL. SERVICED RIG & TDU.
	14:00 18:00	4.00	DRLINT1	14		P	10,700.0	REMOVED RH RUBBER. FINISHED LD 4-1/2" DP & BHA.
6/15/2012	18:00 19:00	1.00	DRLINT1	42		P	10,700.0	REMOVED WEAR BUSHING. LD ELEVATORS & BAILS. BEGAN SHAKING OUT LCM.
	19:00 6:00	11.00	CASINT1	24		P	10,700.0	RU & RUN 7" INTERMEDIATE CASING, STAGE-IN-HOLE CBU AT 2,000' INTERVALS.
	6:00 14:00	8.00	CASINT1	24		P	10,700.0	FINISHED SIH WITH 249 FULL JOINTS PLUS 1 MARKER JOINT OF 7" CASING, PUP JOINT, MANDREL, SETTING TOOL, AND 7" LANDING JOINT, CIRCULATING BOTTOMS UP AT 2,000' INTERVALS.
	14:00 16:00	2.00	CASINT1	24		P	10,700.0	LD TAG JT. PUMU LANDING JT. INSTALLED RH RUBBER. MU HES' CEMENTING HEAD & PLUMBING.
	16:00 19:00	3.00	CASINT1	15		P	10,700.0	C & C 11.4 WBM. HELD PJSM FOR CEMNTING.
	19:00 22:00	3.00	CASINT1	25		P	10,700.0	TESTED P & L TO 5,000 PSI. PUMPED 50 BBL FW SPACER. M & P 405 SKS/166 BBLS LEAD CEMENT AT 12.0 PPG & 2.31 YIELD. M & P 105 SKS/36 BBLS TAIL SLURRY AT 12.5 PPG & 1.91 YIELD. RELEASED PLUG. DISPLACED WITH 380 BBLS 11.4 PPG WBM PLUS 16 BBLS FW. BUMPED PLUG 500 PSI OVER AT 2058 HRS, 06/14/2012. BLEED BACK 1.5 BBLS, FLOATS HELD. 90% RETURNS WHILE CEMENTING. EST TOC AT 5,400'. RD CEMENTERS.
	22:00 1:30	3.50	CASINT1	42		P	10,700.0	LD CASING ELEVATORS & BAILS. LD LANDING JT. RU BAILS & 3 1/2' ELEVATORS. REPLACED TDU SUB.
	1:30 3:00	1.50	CASINT1	27		P	10,700.0	SET PACKOFF & TESTED TO 5,000 PSI.
	3:00 5:00	2.00	CASINT1	23		P	10,700.0	REPLACED TOP & BOTTOM PIPE RAMS TO 3 1/2".
	5:00 6:00	1.00	CASINT1	19		P	10,700.0	TEST 11" 10M BOPE.
6/16/2012	6:00 12:00	6.00	DRLPRD	19		P	10,700.0	TESTED ANNULAR 250 LOW & 4,000 PSI HIGH. TESTED REMAINDER 250 LOW & 10,000 HIGH.
	12:00 13:00	1.00	DRLPRD	31		P	10,700.0	TESTED CASING TO 2500 PSI & HELD 30 MIN. RD TESTERS.
	13:00 17:00	4.00	DRLPRD	14		P	10,700.0	PUMU PHA.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
6/17/2012	17:00 19:00	2.00	DRLPRD	12		P	10,700.0	REPAIRED RH / FLOWLINE LEAK. SERVICED RIG & TDU.
	19:00 6:00	11.00	DRLPRD	14		P	10,700.0	PUMU 3 1/2" DP. FILLED AT 3,000' INTERVALS.
	6:00 7:00	1.00	DRLPRD	14		P	10,700.0	FINISHED PUMU 3-1/2" DRILL PIPE.
	7:00 8:00	1.00	CASINT1	32		P	10,700.0	DRILLED PLUG, FLOAT COLLAR, CEMENT, AND FLOAT SHOE AT 10,680'. CLEANED OUT 10' OF RAT HOLE.
	8:00 9:00	1.00	DRLPRD	33		P	10,700.0	C & C 11.6 PPG WBM FOR F.I.T.
	9:00 9:30	0.50	DRLPRD	33		P	10,700.0	PERFORMED F.I.T. 11.6 PPG MUD WEIGHT, 2110 ADDED SURFACE PRESSURE = EMW 15.4 PPG.
	9:30 10:00	0.50	DRLPRD	11		P	10,700.0	SERVICED RIG & TDU.
	10:00 19:00	9.00	DRLPRD	07		P	10,700.0	DRILLED 10,700' - 10850'.
	19:00 20:00	1.00	DRLPRD	52		N	10,850.0	LOST RETURNS. ADDED SAW DUST LCM & RE-ESTABLISHED RETURNS.
6/18/2012	20:00 5:00	9.00	DRLPRD	07		P	10,850.0	DRILLED 10,850' - 10,920'.
	5:00 6:00	1.00	DRLPRD	13		P	10,920.0	SLUGGED & TOOHP FOR BIT.
	6:00 10:30	4.50	DRLPRD	13		P	10,920.0	TOOH FOR BIT. HOLE SLICK.
	10:30 14:30	4.00	DRLPRD	13		P	10,920.0	TIH WITH BIT #6. TO 10,625'.
	14:30 15:30	1.00	DRLPRD	17		P	10,920.0	CUT & SLIP DRILL LINE.
	15:30 16:00	0.50	DRLPRD	12		P	10,920.0	SERVICED RIG AND TOP DRIVE.
	16:00 16:30	0.50	DRLPRD	13		P	10,920.0	TIH TO 10,920'.
	16:30 6:00	13.50	DRLPRD	07		P	10,920.0	DRILLED 10,920' - 11,128'.
	6/19/2012	6:00 16:30	10.50	DRLPRD	07		P	11,128.0
16:30 17:00		0.50	DRLPRD	12		P	11,228.0	SERVICED RIG AND TOP DRIVE.
17:00 22:00		5.00	DRLPRD	07		P	11,228.0	DRILLED 11,228' - 11,261'.
22:00 5:30		7.50	DRLPRD	13		P	11,261.0	TOOH FOR BIT. HOLE SLICK.
6/20/2012	5:30 6:00	0.50	DRLPRD	13		P	11,261.0	TIH WITH BIT #7
	6:00 10:00	4.00	DRLPRD	13		P	11,261.0	TIH WITH BIT # 7.
	10:00 15:30	5.50	DRLPRD	07		P	11,261.0	DRILLED 11,261' - 11,323'.
	15:30 16:00	0.50	DRLPRD	12		P	11,323.0	SERVICED RIG AND TOP DRIVE.
	16:00 0:00	8.00	DRLPRD	07		P	11,323.0	DRILLED 11,323' - 11,421'.
6/21/2012	0:00 6:00	6.00	DRLPRD	43		N	11,421.0	TROUBLE SHOOT & REPAIR TOP-DRIVE UNIT POWER SUPPLY.
	6:00 15:00	9.00	DRLPRD	07		P	11,421.0	DRILLING FROM 11,421' TO 11,515'
	15:00 15:30	0.50	DRLPRD	12		P	11,515.0	RIG SERVICE
6/22/2012	15:30 6:00	14.50	DRLPRD	07		P	11,515.0	DRILLING FROM 11,515' TO 11,630'.
	6:00 13:30	7.50	DRLPRD	07		P	11,630.0	DRILLING FROM 11,630' TO
	13:30 14:00	0.50	DRLPRD	12		P	11,708.0	RIG SERVICE
6/23/2012	14:00 22:00	8.00	DRLPRD	07		P	11,708.0	DRILLING FROM 11,708' TO 11,788'.
	22:00 6:00	8.00	DRLPRD	13		P	11,788.0	SLUG. POOH FOR BIT #8
	6:00 12:00	6.00	DRLPRD	07		P	11,788.0	TRIP FOR BIT #8
	12:00 13:30	1.50	DRLPRD	15		P	11,788.0	CIRCULATE BOTTOMS UP
	13:30 1:30	12.00	DRLPRD	43		N	11,788.0	CHANGE OUT POWER UNIT ON TOP DRIVE
6/24/2012	1:30 2:00	0.50	DRLPRD	12		P	11,788.0	SERVICE RIG & TDS.
	2:00 4:00	2.00	DRLPRD	17		P	11,788.0	CUT AND SLIP DRILL LINE.
	4:00 6:00	2.00	DRLPRD	13		P	11,788.0	TIH. WASH 80' TO BOTTOM.
	6:00 6:30	0.50	DRLPRD	07		P	11,788.0	DRILLING FROM 11,788' TO 11,800'
	6:30 7:00	0.50	DRLPRD	12		P	11,800.0	RIG SERVICE
	7:00 4:00	21.00	DRLPRD	07		P	11,800.0	DRILLING FROM 11,800' TO 12,309'.
	4:00 5:00	1.00	DRLPRD	50		N	12,309.0	CIRCULATE AND MONITOR GAS.
	5:00 6:00	1.00	DRLPRD	07		P	12,309.0	DRILLING FROM 12,309' - 12,335'.
6/25/2012	6:00 8:30	2.50	DRLPRD	07		P	12,335.0	DRILLING FROM 12,335' TO 12,425'
	8:30 9:30	1.00	DRLPRD	52		N	12,425.0	LOST CIRCULATION 50% RETURNS AT 12,425' (WORK PIPE, PUMP AT 40 SPM, BUILD VOLUME)
	9:30 15:00	5.50	DRLPRD	07		P	12,425.0	DRILLING FROM 12,425' TO 12,558' (80-100% RETURNS)
	15:00 18:30	3.50	DRLPRD	07		P	12,558.0	DRILLING FROM 12,558' TO 12,661' (70% RETURNS)

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
6/26/2012	18:30 19:30	1.00	DRLPRD	45		N	12,661.0	REPAIR MUD PUMPS. (LCM UNDER VALVES).
	19:30 6:00	10.50	DRLPRD	07		P	12,661.0	DRILLING FROM 12,661' - 12,917'.
	6:00 10:30	4.50	DRLPRD	07		P	12,917.0	DRILLING FROM 12,917' TO 13,044' (RAISING MUD WEIGHT. UNABLE TO CIRCULATE AT 13.3 PPG)
	10:30 13:30	3.00	DRLPRD	52		N	13,044.0	LOST CIRCULATION. WORK PIPE , BUILD VOLUME
	13:30 15:00	1.50	DRLPRD	52		N	13,044.0	PULL 8 STANDS OF DRILL PIPE (TIGHT)
	15:00 18:00	3.00	DRLPRD	52		N	13,044.0	WORK PIPE, BUILD VOLUME. MIX HALLIBURTON LCM SWEEP 50 BBLs. 63 PPB CONSISTING OF BARACARB 150-45 PPB, BARO-SEAL CLASSIC 5 PPB, CEDAR FIBER 3 PPB, MICA FINE 10 PPB.
	18:00 18:30	0.50	DRLPRD	52		N	13,044.0	PUMP HALLIBURTON LCM SWEEP. SPOTTED SWEEP. BIT DEPTH 12,275', TOP OF SWEEP AT 10,275'. VERY SLIGHT RETURNS WHILE PUMPING (1/2 BBL PER MINUTE)
	18:30 22:30	4.00	DRLPRD	52		N	13,044.0	WORK DRILL PIPE. LET SWEEP SET. BUILD MUD VOLUME. MIX HALLIBURTON LCM SWEEP 50 BBLs. 63 PPB CONSISTING OF BARACARB 150-45 PPB, BARO-SEAL CLASSIC 5 PPB, CEDAR FIBER 3 PPB, MICA FINE 10 PPB.
	22:30 23:00	0.50	DRLPRD	52		N	13,044.0	PUMP HALLIBURTON LCM SWEEP. SPOTTED SWEEP. BIT DEPTH 12,275', TOP OF SWEEP AT 10,275'. VERY SLIGHT RETURNS WHILE PUMPING (1/2 BBL PER MINUTE)
	23:00 4:00	5.00	DRLPRD	52		N	13,044.0	WORK DRILL PIPE. LET SWEEP SET. BUILD MUD VOLUME. MIX HALLIBURTON LCM SWEEP 50 BBLs. BDF-551 @ 80 PPB.
6/27/2012	4:00 5:00	1.00	DRLPRD	52		N	13,044.0	PUMP HALLIBURTON LCM SWEEP. SPOTTED SWEEP. BIT DEPTH 12,275', TOP OF SWEEP AT 10,275'. VERY SLIGHT RETURNS WHILE PUMPING (1/2 BBL PER MINUTE)
	5:00 6:00	1.00	DRLPRD	52		N	13,044.0	WORK DRILL PIPE. LET SWEEP SET. BUILD MUD VOLUME.
	6:00 6:30	0.50	DRLPRD	52		N	13,044.0	WAIT ON SWEEP
	6:30 10:00	3.50	DRLPRD	15		P	13,044.0	CIRCULATE OUT GAS AT REDUCED RATE (LOST APPROXIMATELY 85 BBLs OF MUD)
	10:00 11:00	1.00	DRLPRD	13		P	13,044.0	TRIP TO CASING SHOE
	11:00 14:00	3.00	DRLPRD	15		P	13,044.0	CIRCULATE BOTTOMS UP AT CASING SHOE (40 SPM, LOSING 30 BBLs / HOUR) BUILD VOLUME IN MUD PITS.
	14:00 15:00	1.00	DRLPRD	16		P	13,044.0	WASH FROM 10,840' TO 11,019'
	15:00 15:30	0.50	DRLPRD	13		P	13,044.0	TRIP IN HOLE TO 11,888'
	15:30 18:00	2.50	DRLPRD	15		P	13,044.0	CIRCULATE BOTTOMS UP AT A REDUCED RATE OF 40 SPM.
	18:00 19:00	1.00	DRLPRD	13		P	13,044.0	TRIP IN HOLE TO BOTTOM 13,044'.
6/28/2012	19:00 22:00	3.00	DRLPRD	15		P	13,044.0	CIRCULATE BOTTOMS UP AT A REDUCED RATE OF 40 SPM
	22:00 6:00	8.00	DRLPRD	13		P	13,044.0	SLUG. POOH TO LOG. LD STABILIZERS
	6:00 7:30	1.50	DRLPRD	13		P	13,044.0	TRIP OUT OF HOLE FOR LOGS.
	7:30 13:00	5.50	EVLPRD	22		P	13,044.0	PJSM WITH BAKER HUGHES, RIG UP LOGGERS, LOG STOPPED AT 10,800. TRIP OUT WITH LOGS, RD LOGGERS.
	13:00 13:30	0.50	EVLPRD	12		P	13,044.0	SERVICE RIG & TDU.
	13:30 19:30	6.00	EVLPRD	13		P	13,044.0	TRIP IN HOLE TO CASING SHOE FILLING PIPE EVERY 30 STANDS. (CLEAN OUT TRIP).
	19:30 21:30	2.00	EVLPRD	15		P	13,044.0	CIRCULATE BOTTOMS UP AT 40SPM AT CASING SHOE. (NO MUD LOSSES).
	21:30 23:00	1.50	EVLPRD	16		P	13,044.0	WASH & REAM TIGHT HOLE FROM 10,800' - 11,067'.
	23:00 23:30	0.50	EVLPRD	13		P	13,044.0	TRIP IN HOLE TO 11,922'.
	23:30 1:30	2.00	EVLPRD	15		P	13,044.0	CIRCULATE BOTTOMS UP AT 40SPM
6/29/2012	1:30 2:00	0.50	EVLPRD	13		P	13,044.0	TRIP IN HOLE TO BOTTOM AT 13,044'.
	2:00 5:30	3.50	EVLPRD	15		P	13,044.0	CIRCULATE BOTTOMS UP AT 13,044'. 40SPM
	5:30 6:00	0.50	EVLPRD	13		P	13,044.0	SLUG POOH TO LOG.
	6:00 12:30	6.50	EVLPRD	13		P	13,044.0	TRIP OUT OF HOLE FOR LOGS. HOLE SWABBING. FILL THROUGH TOP DRIVE
	12:30 13:00	0.50	EVLPRD	12		P	13,044.0	SERVICE RIG & TDS.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	13:00 18:00	5.00	EVLPRD	13		P	13,044.0	FINISH POOH TO LOG.
	18:00 21:30	3.50	EVLPRD	22		P	13,044.0	PJSM. RIG UP & RUN TRIPLE COMBO TO 10,885'. LOG WOULD NOT GO. POOH WITH LOG & RIG DOWN LOGGERS.
	21:30 0:30	3.00	EVLPRD	65		P	13,044.0	PREP RIG FOR RUNNING LINER. WAIT ON CASING CREW.
	0:30 6:00	5.50	CASPRD1	24		P	13,044.0	RIG UP AND RUN 4 1/2" 13.5#, P110, LT&C CASING LINER
6/30/2012	6:00 7:00	1.00	CASPRD1	24		P	13,044.0	CIRCULATE LINER VOLUME AND RIG DOWN CASING CREW
	7:00 18:00	11.00	CASPRD1	24		P	13,044.0	TRIP IN HOLE WITH LINER TO CSG SHOE, FILLING PIPE EVERY 10 STANDS, CIRCULATING BOTTOMS UP EVERY 20 STANDS.
	18:00 19:00	1.00	CASPRD1	24		P	13,044.0	TRIP IN HOLE WITH LINER TO 12,206'. WORKING TIGHT HOLE AT 10,940 TO 10,975' TAKING 30K TO GET THROUGH AND SAME AT 11,115' - 11,160'.
	19:00 21:30	2.50	CASPRD1	15		P	13,044.0	CIRCULATE BOTTOMS UP GAS WHILE RECIPROCATING PIPE.
	21:30 22:00	0.50	CASPRD1	24		P	13,044.0	TRIP IN HOLE WITH CASING LINER TO TD AT 13,044'. (NO PROBLEMS).
	22:00 3:00	5.00	CASPRD1	15		P	13,044.0	CIRCULATE BOTTOMS UP GAS WHILE RECIPROCATING PIPE. RIG UP CEMENTERS.
	3:00 5:00	2.00	CASPRD1	25		P	13,044.0	PJSM. TEST LINES TO 8,000 PSI. CEMENT LINER WITH 10 BBL WATER. 20 BBL OF 13.25 TUNED SPACER. PUMP 54.8 BBL OF 13.5# CEMENT, 180 SKS. YIELD 1.45. WASH LINES & DROP DART. PUMP 40 BBL OF CLA-WEB WATER 75.6 BBL 13.3# MUD. TOTAL DISPLACEMENT 114.6 BBL. BUMP PLUG @ 500 PSI OVER. PLUG HELD. FLOWED BACK 1 BBL. FULL CIRCULATION WHILE CEMENTING.
	5:00 5:30	0.50	CASPRD1	25		P	13,044.0	DROP BALL. RUPTURE DISK @ 5200 PSI. PUMP 3 TO 4 BPM SEAT BALL AT SPR 1/2 BPM EXPAND LINER. LINER SET AT 5800 PSI. PULL TEST TO VERIFY LINER SET. 100K OVER. SET DOWN 45K TO SHEAR OFF LINER.
	5:30 6:00	0.50	CASPRD1	15		P	13,044.0	WORK PIPE & CIRCULATE 1 1/2 TIMES BOTTOMS UP.
	7/1/2012	6:00 7:00	1.00	CASPRD1	15		P	13,044.0
7:00 8:00		1.00	CASPRD1	42		P	13,044.0	RIG DOWN CEMENT HEAD
8:00 8:30		0.50	CASPRD1	31		P	13,044.0	PRESSURE TEST CASING / LINER TOP 1000 PSI/10 MINUTES OK
8:30 10:30		2.00	CASPRD1	15		P	13,044.0	DISPLACE HOLE. 13.3 PPG DRILLING MUD WITH 8.32 PPG CLA-WEB
10:30 11:30		1.00	CASINT5	42		P	13,044.0	RIG DOWN HALLIBURTON AND LOAD OUT
11:30 21:30		10.00	CASPRD1	14		P	13,044.0	LAY DOWN DRILL PIPE & SETTING TOOL.
21:30 22:30		1.00	CASPRD1	13		P	13,044.0	TIH WITH BHA & 22 STANDS OF DRILL PIPE.
22:30 1:00		2.50	CASPRD1	14		P	13,044.0	LAY DOWN DRILL PIPE & BHA.
1:00 1:30		0.50	CASPRD1	12		P	13,044.0	SERVICE RIG & TDS.
1:30 4:00		2.50	CASPRD1	29		P	13,044.0	CHANGE OUT CASING RAMS.
7/2/2012	4:00 6:00	2.00	CASPRD1	29		P	13,044.0	ND BOPE.
			RDMO	02		P	13,044.0	RIG DOWN FOR MOVE TO THE EL PASO 3-5C4.
	6:00 12:00	6.00	CASPRD1	29		P	13,044.0	NIPPLE DOWN 10K BOPE
	12:00 15:00	3.00	CASPRD1	27		P	13,044.0	REMOVE "B" SECTION AND INSTALL TUBING SPOOL. PRESSURE TEST TO 5000 PSI / 15 MINUTES, OK. INSTALL WELL CAP. RIG RELEASED @ 0430 7/2/2012.
7/3/2012	15:00 6:00	15.00	RDMO	02		P	13,044.0	RIG DOWN TOP DRIVE & CLEAN MUD TANKS. TANKS CLEAN @ 0430 7/2/2012.
	6:00 18:00	12.00	RDMO	02		P	13,044.0	MOVE IN RIG UP ON THE ELPASO 3-5C4 30% MOVED.
	18:00 6:00	12.00	RDMO	02		P	13,044.0	RIG IDLE.

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	LAKE FORK RANCH 4-14B4		
Project	ALTAMONT FIELD	Site	LAKE FORK RANCH 4-14B4
Rig Name/No.		Event	COMPLETION LAND
Start Date	7/5/2012	End Date	
Spud Date/Time	5/25/2012	UWI	LAKE FORK RANCH 4-14B4
Active Datum	KB @6,246.9ft (above Mean Sea Level)		
Afe No./Description	152532/45151 / LAKE FORK RANCH 4-14B4		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
7/6/2012	14:00 14:30	0.50	WLWORK	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; WIRELINE
	14:30 17:30	3.00	WLWORK	18		P		MIRU TIH w 3.625 GAUGE RING AND JUNK BASKET TAG PBTD AT 12887' (FLOAT COLLAR 12951') 64' HIGHT ATTEMPT TO WORK DEEPER FAILED TOH w GAUGE RING R/D WIRELINE SECURE WELL SDFN
7/7/2012	13:00 13:30	0.50	WHDTRE	28		P		HSM WRITE AND REVIEW JSA TOPIC; OVER HEAD LOAD
	13:30 19:00	5.50	WHDTRE	16		P		N/U BOPE ATTEMPT TO TEST FAILED CSG HEAD LEAK ATTEMPT TO TIGHT LOCK DOWN PIN STRIPPED UNABLE TO TIGHTEN OR REPLACE N/D BOPE AND INSTALLED NIGHT CAP SECURE WELL SDFN AM CHANGE OUT TBG HEAD
7/8/2012	6:00 7:00	1.00	WHDTRE	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; OVER HEAD LOAD
	7:00 14:00	7.00	WHDTRE	47		P		N/D AND REPLACE TBG HEAD AND TEST N/U BOPE AND TEST
	14:00 20:30	6.50	WLWORK	22		P		R/U WIRELINE RUN CBL/CCL/GR LOGS CORRELATE TO LINER TOP AT 10461' PBTD AT 12689' AND SHOT JTS AT 11025' & 12030' WLM.D. w 3000 PSI ON WELL TO TOC AT 4300' R/D WIRELINE (WIRELINE TAG M.D. WAS 12887' LOGGER DEPTH 12689'...198' DIFF) CANCEL CSG TEST SECURE WELL SDFN
7/9/2012							NO ACTIVITY	
7/10/2012	6:00 7:30	1.50	WLWORK	28		P		CREW TRAVEL HELD SAFETY MEETING ON WIRELINE AND OVERHEAD HAZARDS.
	7:30 10:00	2.50	WLWORK	18		P		RU WIRE LINE RIH W/ 3.50 GR/JB TAGGED FILL @ 12600' GR GOT STUCK WORKED IT FREE POOH RD WIRELINE.
	10:00 12:00	2.00	MIRU	01		P		SET DEADMAN. MIRU RIG
	12:00 14:30	2.50	INSTUB	18		P		SPOTTED IN CATWALK, PIPE RACKS AND UNLOADED TBG.
	14:30 18:30	4.00	INSTUB	24		P		PU AND TALLIED 3 3/4 BIT, BIT SUB 85-JTS 2 3/8 N-80 EUE TBG. X-OVER, 87-JTS 2 7/8 N-80 EUE TBG.STARTED DISPLACING DRILLING MUD. EOT 5478' SECURED WELL SDFN
7/11/2012	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON RIH W/ TBG. FILLED OUT JSA.
	7:30 11:00	3.50	WBP	06		P		SPOTTED IN TANKS AND PUMP RAN PUMP LINES EOT @ 6020' CIRCULATE OUT DRILLING MUD APPX 4000' W/ 250 BBLs.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	11:00 19:00	8.00	WBP	06		P		CONTINUED RIH STOPPED AND CIRCULATE WELL @ 8004' NO MUD, STOPPED @ LT 10440 CIRCULATE OUT 5 BBLS MUD, STOPPED @ 12618' CIRCULATE OUT @ 20 BBLS MUD, TOOH W/ 4-JTS 2 7/8 N-80 EUE TBG, EOT @ 12492'. SECURED WELL SDFN.
7/12/2012	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING TBG FILLED OUT JSA.
	7:30 8:30	1.00	WBP	18		P		RIH W/ 6-JTS 2 7/8 N-80 EUE TBG, TAGGED FILL @ 12681' RU POWER SWIVEL,
	8:30 14:30	6.00	WBP	10		P		WASHED DOWN FROM 12681' TO 12946'. CIRCULATE WELL W/ 450 BBLS CLEAN KCL.
	14:30 18:00	3.50	WBP	24		P		LD 186 JTS 2 7/8 N-80 EUE TBG.EOT 7021' SECURED WELL SDFN.
7/13/2012	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON LD TBG. FILLED OUT JSA.
	7:30 10:30	3.00	WBP	24		P		CONTINUED LD 140-JTS 2 7/8 L-80 EUE TBG,X-OVER, 85-JTS 2 3/8 N-80 EUE TBG BIT SUB AND BIT.
	10:30 13:30	3.00	WLWORK	18		P		RU WIRELINE RIH RAN CBL GR CCL LOG.FROM 12948 TO LINER TOP @ 10461 RD WIRELINE.
	13:30 16:30	3.00	RDMO	02		P		RD PUMP LINES. RD RIG AND MOVED TO THE 1-12A1 TOO WINDY TO RIG UP. SDFN.
7/14/2012	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON HIGH PRESSURE LINES. FILLED OUT JSA.
	7:30 11:00	3.50	WBP	18		P		RAN LINES TO SURFACE CSG. PRESSURE TEST SURF CSG TO 1500 PSI 10MIN NO LOSS. HOOKED UP TO 7" CSG, PRESSURE TO 9400 30 MIN ON CHART NO LOSS. BLED DOWN PRESS.
	11:00 14:30	3.50	STG01	42		P		WAIT ON WIRELINE.
	14:30 17:30	3.00	STG01	21		P		MADE 1 PERFORATING RUN PERFORATED FROM 12899' TO 12643' 23 NET FT 69 SHOTS. USING 2 3/4 GUN 3 SPF 120 DEGREE PHASING W/ 15 GM. STARTING PRESSURE 1000 PSI FINAL PRESSURE 0 PSI. ALL PERFS CORRELATED TO CUTTERS CEMENT BOND/GR/CCL RUN #1 JULY-13-2012. RD WIRELINE. SECURED WELL SDFN.
7/15/2012							NO ACTIVITY	
7/16/2012							NO ACTIVITY	
7/17/2012	6:00 6:30	0.50	STG01	28		P		HELD SAFETY MEETING ON HEATING WATER FILLED OUT JSA.
	6:30 19:00	12.50	STG01	18		P		HEATED FRAC WATER. SPOTTED IN SAND MASTERS.
7/18/2012	6:00 7:30	1.50	STG01	28		P		CREW TRAVEL HELD SAFETY MEETING ON HEATING FRAC TANKS.FILLED OUT JSA.
	7:30 11:00	3.50	STG01	16		P		NU STINGERS ISOLATION TOOL.
	11:00 16:00	5.00	STG01	18		P		CONTINUE HEATING WATER.
	16:00 19:30	3.50	MIRU	01		P		CONTINUE HEATING WATER, MOVED IN AND SPOTTED FRAC EQUIPMENT. SDFN.
7/19/2012	6:00 7:30	1.50	STG01	28		P		CREW TRAVEL HELD SAFETY MEETING ON RU FRAC EQUIPMENT. FILLED OUT JSA.
	7:30 12:00	4.50	STG01	18		P		RU FRAC EQUIPMENT, STINGERS X-OVER ON FRAC HEAD WAS WASHED OUT. HAD TO WAIT FOR ONE FROM VERNAL,

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	12:00 14:30	2.50	STG01	35		P		PRESSURE TEST LINES TO 9629 PSI. SICP 0 PSI. BREAK DOWN STAGE 1 PERFS @ 5513 PSI, 8.7 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID.AVG RATE 41.2 BPM, MAX RATE 58.1 BPM, AVG PRESS 5016 PSI . MAX PRESS 7366 PSI. I.S.I.P 5765 PSI F.G. 88. 5 MINUTE 1982 PSI, 10 MINUTE 1343 PSI, 15 MINUTE 1090 PSI . CHANGED FRAC DESIGN DUE TO LEAK OFF. PUMPED 4500 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 110,000 LBS TERRAPROP PRO 20/40 SAND IN 1PPG, 2PPG, 3PPG AND 3.5 PPG STAGES. AVG RATE 67.2 BPM, MAX RATE 68.7 BPM. AVG PRESS 6943 PSI, MAX PRESS 7489 PSI. I.S.I.P. 5553 PSI F.G. .88. 5 MIN 5225 PSI. SHUT WELL IN. 3065 BBLS TO RECOVER TURNED WELL OVER TO WIRELINE.
	14:30 18:00	3.50	STG02	21		P		MADE 1 PERFORATING RUN SET CBP @ 12632 W/2000 PSI PERFORATED FROM 12616' TO 12359' 23 NET FT 69 SHOTS. USING 2 3/4 GUN 3 SPF 120 DEGREE PHASING W/ 15 GM. STARTING PRESSURE 2000 PSI FINAL PRESSURE 2000 PSI. ALL PERFS CORRELATED TO CUTTERS CEMENT BOND/GR/CCL RUN #1 JULY-12-2012. TURNED WELL OVER TO FRAC CREW.
	18:00 21:00	3.00	STG02			P		PRESSURE TEST LINES TO 9471 PSI. SICP 1225 PSI. BREAK DOWN STAGE 2 PERFS @ 7921 PSI, 8.7 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID.AVG RATE 35.6 BPM, MAX RATE 62.3 BPM, AVG PRESS 6709 PSI . MAX PRESS 7533 PSI. I.S.I.P 4837 PSI F.G. 81. 5 MINUTE 4355 PSI, 10 MINUTE 3870 PSI, 15 MINUTE 3449 PSI. PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 64,000 LBS TERRAPROP PRO 20/40 SAND IN 1PPG AND 2PPG STAGES. SCREENED OUT WHEN 2# HIT PERFS. AVG RATE 59.8 BPM, MAX RATE 68.7 BPM. AVG PRESS 7488 PSI, MAX PRESS 8410 PSI. I.S.I.P. 7974 PSI . SHUT WELL IN. 2372 BBLS TO RECOVER TURNED WELL OVER TO WIRELINE.
7/20/2012	6:00 8:30	2.50	STG02	28		P		CREW TRAVEL HELD SAFETY MEETING ON RIGGING DOWN.FILLED OUT JSA.
	8:30 12:30	4.00	RDMO	02		P		RD STINGER. RD FRAC EQUIPMENT .
	12:30 20:00	7.50	STG02	42		P		WAIT ON COIL TBG UNIT.
	20:00 6:00	10.00	STG02	10		P		MIRU 2" COIL TBG UNIT. PRESSURE AND PULLED TEST CONNECTOR MADE UP MOTOR ASSEMBLY W/3 3/4 DRAG BIT. RIH PUMPING .5 BPM TO LT @ 10461, INCREASED RATE TO 3.5 BPM WASHED SAND FROM 11315 TO CBP @ 12620. CIRCULATE ON BTM FOR 45 MIN. PULLED UP TO LT CIRCULATE FOR 1 HR. TOOH . RD COIL UNIT TURNED WELL OVER TO STINGER.
7/21/2012	6:00 6:30	0.50	STG02	28		P		HELD SAFETY MEETING ON RIGGING UP FRAC EQUIPMENT FILLED OUT JSA
	6:30 10:30	4.00	STG02	16		P		RU STINGERS ISOLATION TOOL. RU PUMP LINES.
	10:30 12:30	2.00	STG02	18		P		CHANGED OUT 4 CHECK VALVE KITS. 2 STILL NOT HOLDING TOOK 2 PUMPS OFF LINE.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	12:30 15:00	2.50	STG02	15		P		REDO STAGE 2. PRESSURE TEST LINES TO 9554 PSI. SICP 994 PSI. BREAK DOWN STAGE 2 PERFS @ 7689 PSI, 8.7 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID.AVG RATE 16.6 BPM, MAX RATE 24.8 BPM, AVG PRESS 7875 PSI . MAX PRESS 8317 PSI. I.S.I.P 4749 PSI F.G. 80. 5 MINUTE 3817 PSI, 10 MINUTE 3251 PSI, 15 MINUTE 2805 PSI. PUMPED 5000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 1500 LBS TERRAPROP PRO 20/40 SAND IN 1PPG STAGE. WENT TO FLUSH DUE TO INCREASE WHEN 100 MESH . AVG RATE 50 BPM, MAX RATE 59.2 BPM. AVG PRESS 7910 PSI, MAX PRESS 8410 PSI. I.S.I.P. 5774 PSI . SHUT WELL IN. 2482 BBLS TO RECOVER TURNED WELL OVER TO WIRELINE.
	15:00 17:30	2.50	STG03	21		P		STAGE 3 MADE 1 PERFORATING RUN SET CBP @ 12344 W/ 1600 PSI PERFORATED FROM 12326' TO 12089' 22 NET FT 66 SHOTS. USING 2 3/4 GUN 3 SPF 120 DEGREE PHASING W/ 15 GM. STARTING PRESSURE 1600 PSI FINAL PRESSURE 1600 PSI. ALL PERFS CORRELATED TO CUTTERS CEMENT BOND/GR/CCL RUN #1 JULY-12-2012. TURNED WELL OVER TO FRAC CREW.
	17:30 19:00	1.50						PRESSURE TEST LINES TO 9431 PSI. SICP 1300 PSI. BREAK DOWN STAGE 3 PERFS @ 6445 PSI, 8.6 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID.AVG RATE 27.9 BPM, MAX RATE 47.4 BPM, AVG PRESS 6019 PSI . MAX PRESS 6992 PSI. I.S.I.P 3883 PSI F.G. 75. 5 MINUTE 1410 PSI, 10 MINUTE 633 PSI, 15 MINUTE 183 PSI . CHANGED FRAC DESIGN DUE TO LEAK OFF. PUMPED 4000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 21000 LBS TERRAPROP PRO 20/40 SAND IN 1PPG STAGE.WENT TO FLUSH DUE TO INCREASE WHEN 1# HIT PERFS. AVG RATE 66.6 BPM, MAX RATE 68.8 BPM. AVG PRESS 6822 PSI, MAX PRESS 7313 PSI. I.S.I.P. 5274. PSI F.G. .75. SHUT WELL IN. 2241 BBLS TO RECOVER. SECURED WELL SDFN .
7/22/2012	6:00 7:30	1.50	STG03	28		P		CREW TRAVEL HELD SAFETY MEETING ON PUMPING HIGH PRESSURE, FILLED OUT JSA .
	7:30 10:30	3.00	STG03	21		P		RE PERFD STAGE 3. PERFORATED FROM 12326' TO 12089' 22 NET FT 66 SHOTS. USING 2 3/4 GUN 3 SPF 120 DEGREE PHASING W/ 15 GM. STARTING PRESSURE 400 PSI FINAL PRESSURE 400 PSI. ALL PERFS CORRELATED TO CUTTERS CEMENT BOND/GR/CCL RUN #1 JULY-12-2012. TURNED WELL OVER TO FRAC CREW.
	10:30 12:30	2.00	STG03	42		P		WAIT TO RUN TEST ON CROSSLINK
	12:30 14:00	1.50	STG03	35		P		RE FRAC STAGE 3. PRESSURE TEST LINES TO 9431PSI. SICP 623 PSI. BREAK DOWN STAGE 3 PERFS @ 5307 PSI, 8.7 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID.AVG RATE 17.2 BPM, MAX RATE 49 BPM, AVG PRESS 5984 PSI . MAX PRESS 7456 PSI. DIDN'T SHUT DOWN CONTINUED PUMPING. PUMPED 4500 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 59,550 LBS TERRAPROP PRO 20/40 SAND IN 1PPG AND 2PPG,STAGES. AVG RATE 66.6 BPM, MAX RATE 7313 BPM. AVG PRESS 6822 PSI, MAX PRESS 7313 PSI. I.S.I.P. 6873 PSI F.G. .99. SHUT WELL IN. 2241 BBLS TO RECOVER TURNED WELL OVER TO WIRELINE.
	14:00 15:30	1.50	STG04	21		P		STAGE 4 MADE 1 PERFORATING RUN SET CBP @ 12075 W/ 4000 PSI PERFORATED FROM 12064' TO 11765' 23 NET FT 69 SHOTS. USING 2 3/4 GUN 3 SPF 120 DEGREE PHASING W/ 15 GM. STARTING PRESSURE 4000 PSI FINAL PRESSURE 3300 PSI. ALL PERFS CORRELATED TO CUTTERS CEMENT BOND/GR/CCL RUN #1 JULY-12-2012. TURNED WELL OVER TO FRAC CREW.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	15:30 18:00	2.50	STG04	35		P		PRESSURE TEST LINES TO 9714 PSI. SICP 2514 PSI. BREAK DOWN STAGE 4 PERFS @ 5728 PSI, 8.6 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID.AVG RATE 19.7 BPM, MAX RATE 55.3 BPM, AVG PRESS 5635 PSI . MAX PRESS 7789 PSI. I.S.I.P 3762 PSI F.G. .75. 5 MINUTE 2442 PSI, 10 MINUTE 2047 PSI, 15 MINUTE 1730 PSI . PUMPED 4000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 104,500 LBS TERRAPROP PRO 20/40 SAND IN 1PPG, 2PPG AND 3PPG STAGES. AVG RATE 65 BPM, MAX RATE 68.3 BPM. AVG PRESS 6628 PSI, MAX PRESS 7053 PSI. I.S.I.P. 5526 PSI F.G. .89. SHUT WELL IN. 2781 BBLS TO RECOVER TURNED WELL OVER TO WIRELINE.
	18:00 21:30	3.50	STG05	21		P		STAGE 5 HAD MISFIRE MADE 2 PERFORATING RUNS SET CBP @ 11758 W/ 2500 PSI PERFORATED FROM 11745' TO 11441' 23 NET FT 69 SHOTS. USING 2 3/4 GUN 3 SPF 120 DEGREE PHASING W/ 15 GM. STARTING PRESSURE 2500 PSI FINAL PRESSURE 2000 PSI. ALL PERFS CORRELATED TO CUTTERS CEMENT BOND/GR/CCL RUN #1 JULY-12-2012. SECURED WELL SDFN.
7/23/2012	6:00 8:30	2.50	STG05	28		P		CREW TRAVEL HELD SAFETY MEETING ON OVERHEAD HAZARDS FILLED OUT JSA.
	8:30 10:30	2.00	STG05	35		P		PRESSURE TEST LINES TO 9672 PSI. SICP 1412 PSI. BREAK DOWN STAGE 5 PERFS @ 4635 PSI, 8.5 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID.AVG RATE 24.9 BPM, MAX RATE 68.3 BPM, AVG PRESS 4820 PSI . MAX PRESS 6162 PSI. I.S.I.P 3343 PSI F.G. .72. 5 MINUTE 2183 PSI, 10 MINUTE 1438 PSI, 15 MINUTE 936 PSI . PUMPED 4000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 122,00 LBS TERRAPROP PRO 20/40 SAND IN 1PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 66.7 BPM, MAX RATE 67.8 BPM. AVG PRESS 4865 PSI, MAX PRESS 5552 PSI. I.S.I.P. 4386 PSI F.G. .81. SHUT WELL IN. 3015 BBLS TO RECOVER TURNED WELL OVER TO WIRELINE.
	10:30 13:00	2.50	STG06	21		P		STAGE 6 MADE 1 PERFORATING RUN SET CBP @ 11428 W/ 2100 PSI PERFORATED FROM 11416' TO 11115' 23 NET FT 69 SHOTS. USING 2 3/4 GUN 3 SPF 120 DEGREE PHASING W/ 15 GM. STARTING PRESSURE 2100 PSI FINAL PRESSURE 2000 PSI. ALL PERFS CORRELATED TO CUTTERS CEMENT BOND/GR/CCL RUN #1 JULY-12-2012. RD WIRE LINE TURNED WELL OVER TO FRAC CREW.
	13:00 14:30	1.50	STG06	35		P		PRESSURE TEST LINES TO 9457 PSI. SICP 2290 PSI. BREAK DOWN STAGE 6 PERFS @ 4450 PSI, 8.7 BPM . TREATED PERFS W/ 5000 GALS 15% HCL ACID.AVG RATE 23.7 BPM, MAX RATE 70.2 BPM, AVG PRESS 4820 PSI . MAX PRESS 5990 PSI. I.S.I.P 3620 PSI F.G. .76. 5 MINUTE 3380 PSI, 10 MINUTE 3166 PSI, 15 MINUTE 2958 PSI . PUMPED 3000 LBS 100 MESH SAND IN 1/2 PPG STAGE AND 125,000 LBS TERRAPROP PRO 20/40 SAND IN 1PPG, 2PPG, 3PPG, 3.5 PPG & 4PPG STAGES. AVG RATE 67.9 BPM, MAX RATE 68.1 BPM. AVG PRESS 4434 PSI, MAX PRESS 5157 PSI. I.S.I.P. 4049 PSI F.G. .79. SHUT WELL IN. 2909 BBLS TO RECOVER .
	14:30 17:00	2.50	RDMO	02		P		RD STINGER. RD FRAC EQUIPMENT SECURED WELL SDFN.
7/24/2012	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON SPOTTING IN COILTBG EQUIPMENT. FILLED OUT JSA.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	7:30 16:00	8.50	WBP	10		P		MIRU COIL TBG. MADE UP MOTOR ASSEMBLY W/ 3.75 INSERTED MILL. RIH PUMPING 1/2 BPM TO LINER TOP @ 10461 INCREASED RATE TO 3.5 BPM WELLHEAD PRESSURE 650. TAGGED PLUG @ 11428' SET 1000 LBS DOWN FOR 1 MIN PLUG FELL LOST WELLHEAD PRESSURE. CHANGED RATE TO 3 BPM AND 500 SCF N2. CHASED PLUG TO 11640 DRILLED ON IT FOR 3 HRS MADE NO HOLE MOTOR WOULD NOT TORQUE OVER 300 PSI. TOO H
	16:00 5:30	13.50	WBP	10		P		CHANGED OUT MILL WITH 3.75 JUNK MILL. RIH PUMPING 3 BPM TO 6000' INCREASED RATE TO 3 BPM AND 500 SCF N2. TAGGED PLUG @ 11640' FELL THRU IN @ 45 MIN. DRILLED THRU CBP 11758', 12075. CHASED CBP TO 12218'. DRILLED ON IT FOR 2 HRS, COULD NOT SET WEIGHT ON IT. WOULD TORQUE UP. AND PULL OVER. CIRC FOR 1HR @ 12210'. TOO H TO LT @ 10461'. CIRC FOR 1 HR. TOO H LD MOTOR ASESEMBLY SECURED WELL SDFN.
7/25/2012	6:00 8:30	2.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON BEING FIT FOR WORK FILLED OUT JSA MEETING.
	8:30 10:00	1.50	WBP	18		P		PULL TEST CONNECTOR. MU MUD MOTOR ASSEMBLY. W/ 3 5/8 MILL.PRESSURE TEST TOOLS. FUNCTION TEST TOOLS,
	10:00 22:30	12.50	WBP	10		P		RIH W/ MOTOR ASSEMBLY PUMPING 1 BPM. TO @ 7000'. INCREASED RATE TO 1 BPM AND 500 SCF. CONTINUE RIH TO 9500' INCREASED RATE TO 3 BPM AND 500 SCF N2. WELL HEAD PRESSURE INCREASED TO 475 PSI. DIDN,T SEE TIGHT SPOT @ 12218, DRILLOUT CBP @ 12344' AND 12632'. CLEANED OUT TO PBTD @ 12948' CIRCULATE ON BTM FOR 1 HR SOOH GOT STUCK 12428'. PULLED 15 K OVER STRING CIRCULATE 20 BBL SWEEP, SET JARS OFF @ 20 K OVER STRING, TURNED OFF N2 SET JARS OFF TWICE @ 25K OVER STING CAME FREE CONTINUE OUT PUMPING. 750 SCF N2 AND 3 BPM. TO LINER TOP CIRC THERE FOR 1 HR TOO H, LD MUD MOTOR ASESEMBLY. BLOW COIL DRY RD TURN WELL OVER TO FLOW TESTERS 750 PSI ON 18 CHOKE.
7/28/2012	15:00 18:00	3.00	MIRU	01		P		ROAD RIG FROM 1-8C4 TO 4-14B4 SPOT IN RU RIG SPOT IN CATWALK, PIPE RACKS & TBG RU WL TRUCK SECURE WELL SDFN (WL TRUCK DIDNT HAVE ALL EQUIP FOR LUBRICATOR TO DO JOB)
7/29/2012	7:30 10:00	2.50	WLWORK			P		50 PSI ON CSG RU WL RIH W/ 2-3/4" WT BARS & COLLAR LOCATOR TAG UP @ 12920' (BTM PERF12899') POOH & RD & RELEASE WL
	10:00 12:00	2.00	PRDHEQ	42		P		WAIT ON BHA EQUIP
	12:00 18:30	6.50	PRDHEQ	24		P		PUMP 100 BBLs 2% KCL DWN CSG TALLY PU & RIH W/ 2-7/8" BULL PLUG 5-3/4" NO-GO 2 JTS 2-7/8" EUE L-80 TBG 4-1/2" PBGA (SHELL) 2' X 2-7/8" N-80 TBG SUB +45 PSN 4 JTS 2-7/8" L-80 TBG 7" TAC W/ CARBIDE INSERTS & 254 JTS 2-7/8" EUE L-80 TBG SECURE WELL SDFN
	5:00 7:30		PRDHEQ	28		P		CT FROM PRICE UT HTGSM WRITE & REVIEW JSA'S (RU WL)
7/30/2012	7:30 11:30	4.00	PRDHEQ	24		P		SITP 150 PSI CSG PSI 50 PUMP 40 BBLs DWN TBG W/ RIG PUMP CONT PU 58 JTS 2-7/8" EUE L-80 TBG SET TAC @ 9885', PSN @ 10013', EOT @ 10112' RD WORK FLOOR ND 10K BOP STACK LAND BTG ON HANGER IN 21,000 TENSION
	11:30 18:30	7.00	PRDHEQ	24		P		MU NEW PUMPING T ASSY FLUSH TBG W/ 65 BBLs 2% KCL PU PRIME & RIH W/ 2-1/2" X 1-3/4" X 38' RHBC ROD PUMP W/ 1-1/4" X 20' DIP TUBE PREP & PU 10 NEW 1-1/2" WT BARS 166 NEW 3/4" W/G 115 NEW 7/8" W/G & 50 1" RODS PU POLISH ROD SECURE WELL FOR NIGHT

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	5:00 7:30		PRDHEQ	28		P		CT FROM PRICE UT TO LOC (HTGSM WRITE & REVIEW JSA NDBOP'S & PINCH POINTS)
7/31/2012	7:00 10:00	3.00	INARTLT	24		P		0 PSI ON TBG CONT PU 55 1" RODS SPACE OUT W/ 4' X 1" PONY SUB & 1-1/2" X 40' POLISH ROD SEAT PUMP FILL TBG W/ 22 BBLS 2% KCL STROKE TEST TO 1000 PSI GOOD TEST RD RIG PU LOC
	10:00 13:00	3.00				P		WAITING ON ORDERS WHERE TO GO TO
	5:00 7:00		INARTLT	28		P		CREW TRAVEL HTGSM WRITE & REVIEW JSA'S (PU RODS & PRESSURE TESTING)

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG		5. LEASE DESIGNATION AND SERIAL NUMBER:
1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME
2. NAME OF OPERATOR: EP Energy E&P Company, L.P.		8. WELL NAME and NUMBER: Lake Fork Ranch 4-14B4
3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002		9. API NUMBER: 4301351240
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 802' FNL & 575' FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: 802' FNL & 770' FWL AT TOTAL DEPTH: 802' FNL, 874' FWL BHL by DOGM HSM		10. FIELD AND POOL, OR WILDCAT Altamont
14. DATE SPURRED: 5/12/2012		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 14 2S 4W U
15. DATE T.D. REACHED: 6/25/2012		12. COUNTY Duchesne
16. DATE COMPLETED: 7/24/2012		13. STATE UTAH
17. ELEVATIONS (DF, RKB, RT, GL): 6230'		ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>
18. TOTAL DEPTH: MD 13.044 TVD 13.028	19. PLUG BACK T.D.: MD TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? *
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Sonic, Gamma Ray, Resistivity & Neutron Density		21. DEPTH BRIDGE MD PLUG SET: TVD
23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> (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	13.375 J55	54.5	0	1,009		Prem 1255	1,443	0	
12.25	9.625 N80	40	0	5,854		Prem 1170	3,149	0	
8.75	7" P110	29	0	10,680		H 510	1,136	4315	
6.125	4.5 P110	13.5	10,680	13,044		Prem 180	308	10878	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	10,012							

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) Wasatch	10,680	12,899	10,665	12,883	12,643 - 12,899	.34	69	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)					12,616 - 12,359	.34	69	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)					12,089 - 12,326	.34	69	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)					11,765 - 12,064	.34	69	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. SEE ATTACHED FOR MORE INFORMATION.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
12643'-12899'	5000 gal acid, 4500# 100 mesh, 110000# 20/40 Terra Prop Pro
12616'-12359'	10000 gal acid, 8000# 100 mesh, 79000# 20/40 Terra Prop Pro
12089'-12326'	10000 gal acid, 8500# 100 mesh, 80550# 20/40 Terra Prop Pro

29. ENCLOSED ATTACHMENTS: All logs submitted to UDOGM by vendor.		30. WELL STATUS: Prod
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS	<input type="checkbox"/> GEOLOGIC REPORT	<input type="checkbox"/> DST REPORT
<input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION	<input type="checkbox"/> CORE ANALYSIS	<input type="checkbox"/> DIRECTIONAL SURVEY
		<input checked="" type="checkbox"/> OTHER: <u>Deviation Summary Report</u>

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 7/26/2012		TEST DATE: 7/24/2012		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 200	GAS - MCF: 200	WATER - BBL: 200	PROD. METHOD: Casing
CHOKE SIZE: 18/64"	TBG. PRESS.	CSG. PRESS. 400	API GRAVITY 42.00	BTU - GAS 1,450	GAS/OIL RATIO 1,000	24 HR PRODUCTION RATES: →	OIL - BBL: 200	GAS - MCF: 200	WATER - BBL: 200	INTERVAL STATUS: Prod

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Upper Green River	5,786
				Middle Green River	7,855
				Lower Green River	9,160
				Wasatch	10,680

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) Maria S. Gomez

TITLE Prin Regulatory Analyst

SIGNATURE *Maria S. Gomez*

DATE 4/8/2013

This report must be submitted within 30 days of

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

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

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

Send to: Utah Division of Oil, Gas and Mining
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 April 8, 2013

Well Name: Lake Fork Ranch 4-14B4

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
11441'-11745'	.34	69	Open
11115'-11416'	.34	69	Open

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

Depth Interval	Amount and Type of Material
11765'-12064'	5000 gal 15% HCL acid, 4000# 100 mesh, 104500# 20/40 Terra Prop Pro
11441'-11745'	5000 gal 15% HCL acid, 4000# 100 mesh, 122000# 20/40 Terra Prop Pro
11115'-11416'	5000 gal 15% HCL acid, 3000# 100 mesh, 125000# 20/40 Terra Prop Pro

CENTRAL DIVISION

ALTAMONT FIELD
LAKE FORK RANCH 4-14B4
LAKE FORK RANCH 4-14B4
LAKE FORK RANCH 4-14B4

Deviation 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	LAKE FORK RANCH 4-14B4	Wellbore No.	OH
Wellbore Legal Name	LAKE FORK RANCH 4-14B4	Common Wellbore Name	LAKE FORK RANCH 4-14B4
Project	ALTAMONT FIELD	Site	LAKE FORK RANCH 4-14B4
Vertical Section Azimuth		North Reference	True
Origin N/S		Origin E/W	
Spud Date/Time	5/25/2012	UWI	LAKE FORK RANCH 4-14B4
Active Datum	KB @6,246.9ft (above Mean Sea Level)		

2 Survey Name

2.1 Survey Name: Survey #1

Survey Name	Survey #1	Company	VAUGHN ENERGY SERVICES LLC (GYRO TECHNOLOGIES INC)
Started	6/4/2012	Ended	
Tool Name	GMS	Engineer	EI Paso

2.1.1 Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
0.0	0.00	0.00	0.0	0.00	0.00

2.1.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
6/4/2012	Tie On	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/4/2012	NORMAL	200.0	0.07	205.65	200.0	-0.11	-0.05	-0.11	0.03	0.03	0.00	205.65
	NORMAL	400.0	0.12	197.88	400.0	-0.42	-0.17	-0.42	0.03	0.02	-3.88	-18.35
	NORMAL	600.0	0.09	36.31	600.0	-0.49	-0.14	-0.49	0.10	-0.01	-80.78	-172.11
	NORMAL	800.0	0.13	250.12	800.0	-0.44	-0.26	-0.44	0.11	0.02	-73.09	-159.93
	NORMAL	1,000.0	0.02	334.98	1,000.0	-0.49	-0.49	-0.49	0.06	-0.05	42.43	171.17
	NORMAL	1,200.0	0.23	203.11	1,200.0	-0.83	-0.66	-0.83	0.12	0.10	-65.93	-135.37
	NORMAL	1,400.0	0.31	234.34	1,400.0	-1.51	-1.26	-1.51	0.08	0.04	15.61	77.69
	NORMAL	1,600.0	0.35	244.41	1,600.0	-2.09	-2.25	-2.09	0.04	0.02	5.03	60.51
	NORMAL	1,800.0	0.34	228.92	1,800.0	-2.74	-3.25	-2.74	0.05	0.00	-7.74	-103.83
	NORMAL	2,000.0	0.19	218.72	2,000.0	-3.39	-3.90	-3.39	0.08	-0.07	-5.10	-167.60
	NORMAL	2,200.0	0.09	130.40	2,200.0	-3.75	-3.99	-3.75	0.10	-0.05	-44.16	-154.35
	NORMAL	2,400.0	0.20	123.08	2,400.0	-4.05	-3.58	-4.05	0.06	0.05	-3.66	-13.23
	NORMAL	2,600.0	0.13	115.39	2,600.0	-4.33	-3.08	-4.33	0.04	-0.03	-3.84	-166.26
	NORMAL	2,800.0	0.19	210.36	2,800.0	-4.72	-3.04	-4.72	0.12	0.03	47.48	127.73
	NORMAL	3,000.0	0.25	210.72	3,000.0	-5.38	-3.43	-5.38	0.03	0.03	0.18	1.50
	NORMAL	3,200.0	0.21	208.55	3,200.0	-6.07	-3.83	-6.07	0.02	-0.02	-1.08	-168.80
	NORMAL	3,400.0	0.26	197.38	3,400.0	-6.83	-4.14	-6.83	0.03	0.02	-5.58	-48.17
	NORMAL	3,600.0	0.15	193.65	3,600.0	-7.52	-4.34	-7.52	0.06	-0.05	-1.86	-174.95
	NORMAL	3,800.0	0.25	155.86	3,800.0	-8.17	-4.22	-8.17	0.08	0.05	-18.89	-72.75

2.1.2 Survey Stations (Continued)

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLog (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
6/4/2012	NORMAL	4,000.0	0.20	126.59	4,000.0	-8.78	-3.76	-8.78	0.06	-0.02	-14.63	-127.68
	NORMAL	4,200.0	0.21	160.70	4,200.0	-9.33	-3.36	-9.33	0.06	0.00	17.05	102.51
	NORMAL	4,400.0	0.33	169.14	4,400.0	-10.24	-3.13	-10.24	0.06	0.06	4.22	22.59
	NORMAL	4,600.0	0.50	189.01	4,600.0	-11.67	-3.16	-11.67	0.11	0.08	9.93	50.47
	NORMAL	4,800.0	0.60	188.93	4,800.0	-13.57	-3.46	-13.57	0.05	0.05	-0.04	-0.48
	NORMAL	5,000.0	0.61	165.40	5,000.0	-15.63	-3.36	-15.63	0.12	0.00	-11.76	-99.49
	NORMAL	5,200.0	0.55	165.90	5,199.9	-17.59	-2.85	-17.59	0.03	-0.03	0.25	175.43
	NORMAL	5,400.0	0.63	169.88	5,399.9	-19.60	-2.43	-19.60	0.04	0.04	1.99	29.12
	NORMAL	5,600.0	0.62	178.27	5,599.9	-21.77	-2.20	-21.77	0.05	0.00	4.19	100.42
	NORMAL	5,757.0	0.76	189.07	5,756.9	-23.65	-2.34	-23.65	0.12	0.09	6.88	48.38
	NORMAL	5,947.0	1.30	115.00	5,946.9	-25.80	-0.58	-25.80	0.69	0.28	-38.98	-107.87
	NORMAL	6,040.0	2.30	94.80	6,039.8	-26.40	2.23	-26.40	1.26	1.08	-21.72	-42.76
6/5/2012	NORMAL	6,133.0	3.60	91.48	6,132.7	-26.64	7.01	-26.64	1.41	1.40	-3.57	-9.15
	NORMAL	6,227.0	4.39	83.97	6,226.5	-26.33	13.54	-26.33	1.01	0.84	-7.99	-37.30
	NORMAL	6,320.0	4.73	81.29	6,319.2	-25.38	20.87	-25.38	0.43	0.37	-2.88	-33.41
	NORMAL	6,413.0	5.58	79.09	6,411.8	-23.94	29.10	-23.94	0.94	0.91	-2.37	-14.19
	NORMAL	6,506.0	6.99	80.58	6,504.3	-22.16	39.12	-22.16	1.53	1.52	1.60	7.34
	NORMAL	6,599.0	5.49	88.98	6,596.7	-21.15	49.15	-21.15	1.88	-1.61	9.03	152.80
	NORMAL	6,692.0	5.71	93.99	6,689.3	-21.40	58.22	-21.40	0.58	0.24	5.39	68.28
	NORMAL	6,785.0	6.02	85.46	6,781.8	-21.33	67.69	-21.33	0.99	0.33	-9.17	-74.70
	NORMAL	6,879.0	7.29	85.29	6,875.1	-20.45	78.55	-20.45	1.35	1.35	-0.18	-0.97
6/6/2012	NORMAL	6,972.0	6.28	88.89	6,967.5	-19.87	89.52	-19.87	1.18	-1.09	3.87	158.94
	NORMAL	7,065.0	6.11	91.48	7,060.0	-19.90	99.55	-19.90	0.35	-0.18	2.78	122.59
	NORMAL	7,158.0	6.90	90.69	7,152.4	-20.09	110.08	-20.09	0.85	0.85	-0.85	-6.86
	NORMAL	7,251.0	6.11	92.58	7,244.8	-20.39	120.61	-20.39	0.88	-0.85	2.03	165.77
	NORMAL	7,345.0	5.89	91.09	7,338.2	-20.70	130.43	-20.70	0.29	-0.23	-1.59	-145.44
	NORMAL	7,438.0	5.19	96.27	7,430.8	-21.25	139.39	-21.25	0.92	-0.75	5.57	147.02
	NORMAL	7,531.0	5.89	87.88	7,523.4	-21.54	148.34	-21.54	1.15	0.75	-9.02	-53.39
	NORMAL	7,624.0	6.02	83.09	7,615.9	-20.77	157.95	-20.77	0.55	0.14	-5.15	-77.73
6/8/2012	NORMAL	8,277.0	5.80	89.07	8,265.4	-16.12	224.93	-16.12	0.10	-0.03	0.92	112.62
	NORMAL	8,370.0	6.02	87.26	8,357.9	-15.81	234.50	-15.81	0.31	0.24	-1.95	-41.17
	NORMAL	8,463.0	5.89	80.19	8,450.4	-14.76	244.07	-14.76	0.80	-0.14	-7.60	-103.55
	NORMAL	8,556.0	5.71	78.25	8,542.9	-13.01	253.31	-13.01	0.29	-0.19	-2.09	-133.52
	NORMAL	8,649.0	6.02	81.55	8,635.4	-11.35	262.66	-11.35	0.49	0.33	3.55	49.06
	NORMAL	8,743.0	6.20	83.48	8,728.9	-10.05	272.58	-10.05	0.29	0.19	2.05	49.74
6/9/2012	NORMAL	8,836.0	4.70	88.27	8,821.5	-9.36	281.38	-9.36	1.68	-1.61	5.15	165.50
	NORMAL	8,929.0	3.60	96.98	8,914.2	-9.60	288.08	-9.60	1.36	-1.18	9.37	154.48
	NORMAL	9,022.0	2.59	104.27	9,007.1	-10.47	293.02	-10.47	1.16	-1.09	7.84	162.32
	NORMAL	9,116.0	2.11	117.98	9,101.0	-11.81	296.60	-11.81	0.78	-0.51	14.59	137.21
	NORMAL	9,209.0	2.02	131.40	9,194.0	-13.70	299.35	-13.70	0.53	-0.10	14.43	107.20
	NORMAL	9,302.0	2.11	144.66	9,286.9	-16.18	301.57	-16.18	0.52	0.10	14.26	86.00
	NORMAL	9,395.0	1.89	171.29	9,379.9	-19.09	302.79	-19.09	1.02	-0.24	28.63	116.39
	NORMAL	9,489.0	1.19	210.57	9,473.8	-21.46	302.53	-21.46	1.31	-0.74	41.79	142.13
6/10/2012	NORMAL	9,582.0	0.79	186.76	9,566.8	-22.93	301.96	-22.93	0.61	-0.43	-25.60	-145.68
	NORMAL	9,675.0	1.01	202.05	9,659.8	-24.33	301.58	-24.33	0.35	0.24	16.44	55.32
	NORMAL	9,768.0	0.04	271.09	9,752.8	-25.09	301.24	-25.09	1.07	-1.04	74.24	177.85
	NORMAL	9,861.0	0.62	217.87	9,845.8	-25.48	300.90	-25.48	0.64	0.62	-57.23	-56.30
	NORMAL	9,954.0	0.62	286.16	9,938.8	-25.74	300.10	-25.74	0.75	0.00	73.43	124.14
	NORMAL	10,048.0	1.01	201.57	10,032.8	-26.37	299.31	-26.37	1.21	0.41	-89.99	-117.56
	NORMAL	10,141.0	0.22	90.78	10,125.8	-27.13	299.19	-27.13	1.19	-0.85	-119.13	-169.30
	NORMAL	10,234.0	0.31	123.56	10,218.8	-27.27	299.58	-27.27	0.19	0.10	35.25	76.39
	NORMAL	10,328.0	0.40	179.37	10,312.8	-27.74	299.79	-27.74	0.36	0.10	59.37	104.44
	NORMAL	10,421.0	0.79	210.57	10,405.8	-28.62	299.47	-28.62	0.53	0.42	33.55	56.03
6/11/2012	NORMAL	10,514.0	1.01	193.79	10,498.8	-29.97	298.95	-29.97	0.37	0.24	-18.04	-58.74
	NORMAL	10,607.0	1.01	185.09	10,591.7	-31.58	298.68	-31.58	0.16	0.00	-9.35	-94.35
	NORMAL	10,649.0	0.88	177.35	10,633.7	-32.27	298.66	-32.27	0.43	-0.31	-18.43	-139.35

2.2 Survey Name: Survey #2

Survey Name	Survey #2	Company	El Paso
Started	6/17/2012	Ended	
Tool Name		Engineer	El Paso

2.2.1 Tie On Point

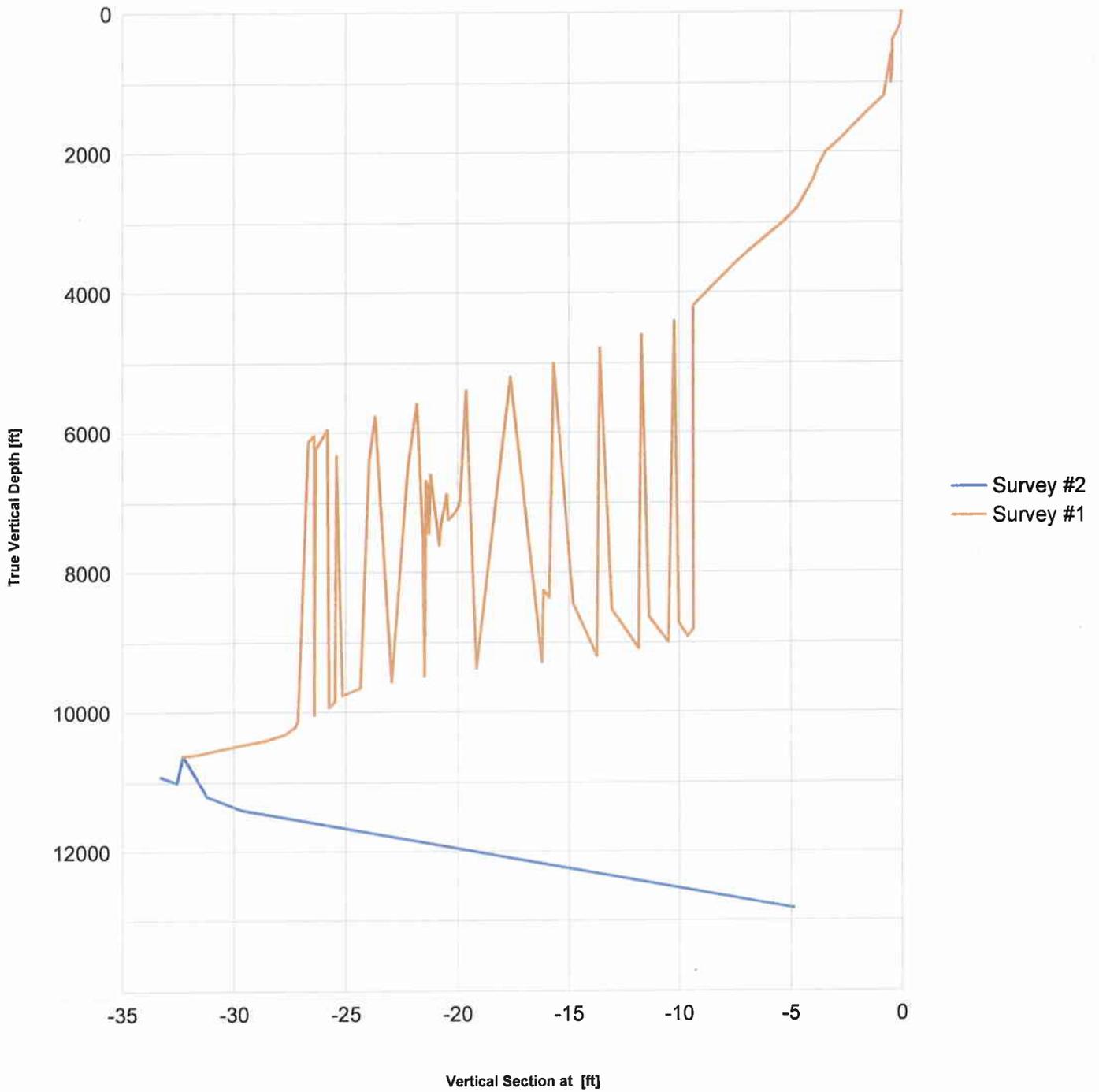
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
10,649.0	0.88	177.35	10,633.7	-32.27	298.66

2.2.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
6/17/2012	Tie On	10,649.0	0.88	177.35	10,633.7	-32.27	298.66	-32.27	0.00	0.00	0.00	0.00
6/17/2012	NORMAL	10,942.0	0.50		10,926.7	-33.24	298.76	-33.24	0.47	-0.13	-60.53	-179.04
	NORMAL	11,030.0	0.40		11,014.7	-32.55	298.76	-32.55	0.11	-0.11	0.00	180.00
6/18/2012	NORMAL	11,228.0	0.40		11,212.7	-31.17	298.76	-31.17	0.00	0.00	0.00	0.00
6/19/2012	NORMAL	11,419.0	0.50		11,403.7	-29.67	298.76	-29.67	0.05	0.05	0.00	0.00
6/24/2012	NORMAL	12,840.0	1.50		12,824.5	-4.87	298.76	-4.87	0.07	0.07	0.00	0.00

3 Charts

3.1 Vertical Section View



3.2 Plan View

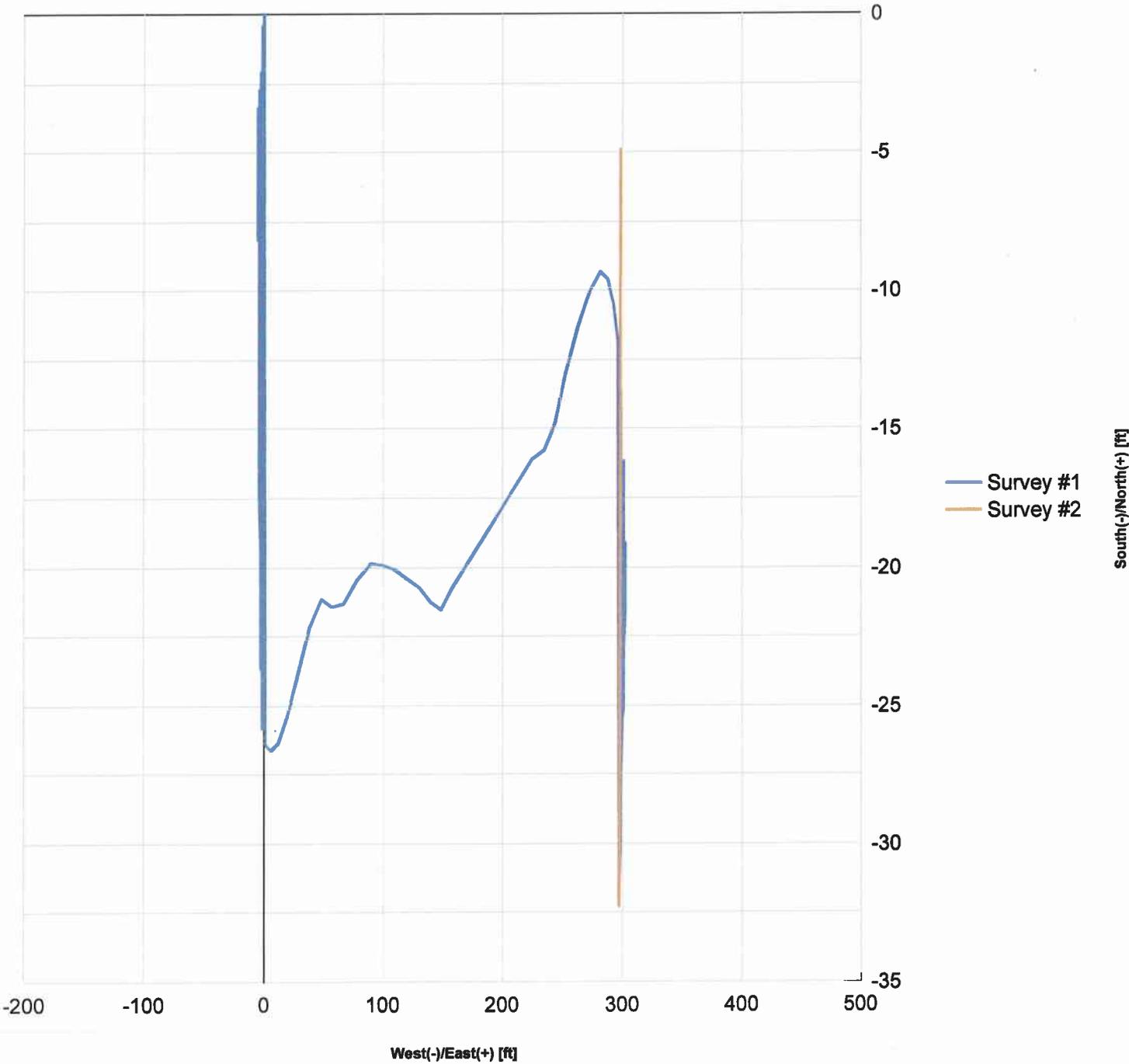


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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:

9. API NUMBER:

10 FIELD AND POOL, OR WILDCAT

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

12. COUNTY

13. STATE

UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

2. NAME OF OPERATOR:

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

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE:

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

14. DATE 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)

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

25. TUBING RECORD

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

26. PRODUCING INTERVALS

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

27. PERFORATION RECORD Perforations Added

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. CBP @ 10885' & 10875' with 10' of cement on top left in wellbore

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

CENTRAL DIVISION

ALTAMONT FIELD
LAKE FORK RANCH 4-14B4
LAKE FORK RANCH 4-14B4
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	LAKE FORK RANCH 4-14B4		
Project	ALTAMONT FIELD	Site	LAKE FORK RANCH 4-14B4
Rig Name/No.	PEAK/1700	Event	RECOMPLETE LAND
Start date	3/24/2014	End date	4/3/2014
Spud Date/Time	5/25/2012	UWI	LAKE FORK RANCH 4-14B4
Active datum	KB @6,246.9usft (above Mean Sea Level)		
Afe No./Description	162877/51307 / LAKE FORK RANCH 4-14B4		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
3/25/2014	6:00 7:30	1.50	PRDHEQ	28		P		CREW TRAVEL, HOLD SAFETY MTG ON ROADING RIG WRITE & REVIEW JSA'S
	7:30 10:30	3.00	MIRU	01		P		ROAD RIG TO LOC, SLIDE P.U BACK, SPOT IN & RIG UP RIG, WHILE PUMPING 70 BBLs DWN CSG W/ HOT OILER
	10:30 15:00	4.50	PRDHEQ	39		P		WORK PUMP OFF SEAT, LD POLISH ROD, POOH W/ 76-1", 120-7/8", 204-3/4" RODS & LAY DWN 8 WT BARS & 2-1/2" X 1-3/4" X 38' PUMP, FLUSHING RODS AS NEEDED W/ HOT OILER
	15:00 18:00	3.00	PRDHEQ	39		P		X OVER TO TBG EQUIP, NDWH, NUBOP RU WORK FLOOR & TBG TONGS, RELEASE 7" TAC @ 10167', POOH W/ 40 JTS 2-7/8" EUE N-80 TBG, SECURE WELL SDFN
3/26/2014	6:00 7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING TUBING FILLED OUT JSA.
	7:30 10:30	3.00	WOR	39		P		CONTINUED TOOH W/ 285- JTS 2 7/8 L-80 AND BHA. FLUSHING TBG AS NEEDED W/ 30 BBLs.
	10:30 17:30	7.00	WLWORK	26		P		RU WIRELINE. SET 4 1/2" CBP @ 10885. SET SECOND 4 1/2" CBP @ 10875' W/ 1000 PSI . DUMPED BAILED 10' CEM ON CBP. RIH W/ 6.01 GR/JB TO LINER TOP @ 10641' RD WIRELINE SECURED WELL SDFN.
3/27/2014	6:00 7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON HIGH PRESSURE. FILLED OUT JSA.
	7:30 8:00	0.50	WOR	06		P		PRESSURE TEST CSG @ 3500 PSI HELD.
	8:00 13:00	5.00	WOR	16		P		ND 5K BOP. NU 10K SPOOL, 7" MANUAL FRAC VALVE, 7" HCR VALVE, FRAC HEAD, 7" HCR VALVE AND WIRELINE SPOOL. PRESSURE TEST CSG @ 8000 PSI FOR 15 MIN HELD. PRESSURE TEST FRAC STACK @ 10000 PSI HELD.
	13:00 15:30	2.50	WLWORK	21		P		RU WIRELINE PERFORATED STAGE #1 FROM 10577' TO 10503'. 10 NET FT. 30 SHOTS. 2 3/4" GUNS, 15 GM CHARGES, 3 JSPF, 120 PHASING. PERFS CORRELATED TO CUTTERS CEMENT BOND, GAMMA RAY AND CCL LOG DATED 12-JUL-12. STARTING PRESSURE 1000 PSI. FINAL PRESSURE 500 PSI. RD WIRELINE. SECURED WELL. SDFN
3/28/2014	6:00 6:30	0.50	MIRU	28		P		CREW TRAVEL HELD SAFETY MEETING ON RIGGING UP FRAC EQUIPMENT. FILLED OUT JSA
	6:30 9:00	2.50	MIRU	01		P		FINISHED RIGGING UP FRAC EQUIPMENT AND UNLOADING ACID.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	9:00 10:30	1.50	STG01	35		P		OPENED UP WELL W/ 143 PSI. BREAK DOWN STAGE #1 PERFS @ 2339 PSI, 6 BPM, 6 BBLS F.G..64. SHUT DOWN ISIP 2135 PSI. TREATED PERFS W/ 5,000 GALS 15% HCL ACID. DROPPED 45 BIO-BALLS. PUMPED 5000 GALS 15% HCL ACID. AVG RATE 37 BPM, MAX RATE 50.6 BPM. AVG PRESS 5606 PSI, MAX PRESS 7779 PSI. I.S.I.P. 3476 PSI. F.G. .76. 5 MIN 2128 PSI 10 MIN 1359 PSI, 15 MIN 454. SHUT WELL IN. 692 BBLS TO RECOVER. TURNED WELL OVER TO WIRELINE
	10:30 13:00	2.50	STG02	21		P		RU WIRELINE PERFORATED STAGE #2 IN TWO RUNS FROM 10445' TO 10092' FIRST RUN SET CBP @ 10490' FILLED CSG W/ 85 BBLS PRESSURE TEST @ 2500 PSI HELD BLEED CSG DOWN TO 1200 PSI. 17 NET FT. 51 SHOTS. 2 3/4" GUNS, 15 GM CHARGES, 3 JSPF, 120 PHASING. PERFS CORRELATED TO CUTTERS CEMENT BOND, GAMMA RAY AND CCL LOG DATED 12-JUL-12. STARTING PRESSURE 1200 PSI. FINAL CSG ON VACUUM. TURNED WELL OVER TO FRAC CREW.
	13:00 14:00	1.00	STG02	35		P		OPENED UP WELL. ON A VACUUM. FILLED CSG W/ 106 BBLS. BREAK DOWN STAGE #2 PERFS @ 3555 PSI, 11 BPM, 20 BBLS F.G..69. SHUT DOWN ISIP 2679 PSI. TREATED PERFS W/ 7,500 GALS 15% HCL ACID. DROPPED 75 BIO-BALLS. PUMPED 7,500 GALS 15% HCL ACID. AVG RATE 44 BPM, MAX RATE 50.2 BPM. AVG PRESS 4465 PSI, MAX PRESS 7439 PSI. I.S.I.P. 3251 PSI. F.G. .74. 5 MIN 3061 PSI, 10 MIN 2926 PSI, 15 MIN 2761 PSI. SHUT WELL IN. 923 BBLS TO RECOVER. TURNED WELL OVER TO WIRELINE
	14:00 17:30	3.50	STG03	21		P		RU WIRELINE PERFORATED STAGE #3 IN TWO RUNS FROM 10445' TO 10092' FIRST RUN SET CBP @ 10075' W/ 500 PSI. 17 NET FT. 51 SHOTS. 2 3/4" GUNS, 15 GM CHARGES, 3 JSPF, 120 PHASING. PERFS CORRELATED TO CUTTERS CEMENT BOND, GAMMA RAY AND CCL LOG DATED 12-JUL-12. STARTING PRESSURE 500 PSI. FINAL 200 PSI CSG. RD WIRELINE. TURNED WELL OVER TO FRAC CREW.
	17:30 18:30	1.00	STG03	35		P		OPENED UP WELL W/ 225 PSI. BREAK DOWN STAGE #3 PERFS @ 2618 PSI, 11BPM, 15 BBLS F.G..62. SHUT DOWN ISIP 1910 PSI. TREATED PERFS W/ 7,500 GALS 15% HCL ACID. DROPPED 75 BIO-BALLS. PUMPED 7,500 GALS 15% HCL ACID. AVG RATE 46 BPM, MAX RATE 53 BPM. AVG PRESS 4207 PSI, MAX PRESS 7696 PSI. I.S.I.P. 2482 PSI. F.G. .68. 5 MIN 347 PSI, 10 MIN 0 PSI. SHUT WELL IN. 783 BBLS TO RECOVER. SECURED WELL
3/29/2014	6:00 7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON NIPPLING DOWN FRAC VALVES. FILLED OUT JSA
	7:30 11:30	4.00	WOR	16		P		O CSIP. ND WIRELINE FLANGE, 7" HCR VALVE, FRAC HEAD, 7" HCR VALVE AND 7" MANUAL FRAC VALVE. NU 5K BOP.
	11:30 14:30	3.00	WOR	39		P		TALLIED AND RIH W/ 6" BIT AND 319-JTS 2 7/8 L-80 EUE. TAGGED CBP @ 10075'
	14:30 19:00	4.50	WOR	10		P		RU POWER SWIVEL PUMPED 250 BBLS DOWN CSG @ 4.5 BPM NO CIRCULATION, PUMPE DOWN TBG @ 3 BPM. DRILLED OUT CBP @ 10075'. PUMPED TTL 550 BBLS NO CIRCULATION. POOH W/ 14-JTS 2 7/8 L-80 EOT @ 9667' PUMPED 100 BBLS DOWN CSG. SECURED WELL SDFN.
3/30/2014	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY
3/31/2014	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY
4/1/2014	6:00 7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON HIGH PRESSURE LINES. FILLED OUT JSA.
	7:30 9:00	1.50	WOR	19		P		400 TSIP, 400 CSIP, BLEED DOWN WELL PUMPED 20 BBLS DOWN TBG.
	9:00 10:00	1.00	WOR	39		P		RIH W/ 28-JTS 2 7/8 L-80 TBG (TTL 331-JTS 2 7/8). TO LINER TOP @ 10461'. RU POWER SWIVEL.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	10:00 13:00	3.00	WOR	10		P		RU HOT OILER TO DOUBLE PUMP. PUMPED 135 BBLS @ 7 BPM. GOT REVERSE CIRCULATION CONTINUED PUMPING @ 4.5 BPM RETURNING 1 BPM. DRILLED ON 7" CBP, CIRCULATE WELL W/ KCL. RD POWER SWIVEL.
	13:00 17:30	4.50	WOR	39		P		TOOH W/ 331-JTS 2 7/8 L-80 TBG, BIT SUB AND BIT, RIH W/ 3 3/4 BIT, BIT SUB, 15-JTS 2 3/8 N-80, X-OVER AND 293-JTS 2 7/8 L-80 TBG. EOT @ 9700' SECURED WELL SDFN.
4/2/2014	6:00 7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON RIGGING UP POWER SWIVEL. FILLED OUT JSA.
	7:30 10:00	2.50	WOR	39		P		RIH W/ 24-JTS 2 7/8 L-80 TBG. TAGGED CBP AT LINER TOP @ 10469'. TBG TALLY. RU POWER SWIVEL.
	10:00 15:00	5.00	WOR	10		P		PUMPED 250 BBLS DOWN CSG. GOT REVERSE CIRCULATION. PUMPING 6 BPM @ RETURNING 2 BPM. FINISHED DRILLING CBP @ LINER TOP. CONTINUED DRILLING CBP 10490'. CLEANED OUT TO PBD @ 10865'. TRIED TO FLUSH TBG @ 3000 PSI. UNSUCCESSFUL. SOOH W/ TBG
	15:00 19:00	4.00	WOR	39		P		TOOH W/ 329-2 7/8 L-80 TBG, X-OVER, 15-JTS 2 3/8 N-80 TBG, BIT SUB AND BIT. BIT SUB WAS PLUGGED W/ RUBBER. RIH W/ BULL PLUG, 5 3/4 NO-GO, 2 JTS 2 7/8 L-80, 4 1/2 PBGA, 2' 2 7/8 N-80 TBG SUB, SN, 4' 2 7/8 N-80 TBG SUB, 4-JTS 2 7/8 L-80 TBG, 7" TAC. @ 80 JTS 2 7/8 L-80. SECURED WELL SDFN.
4/3/2014	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TBG
	7:00 9:30	2.50	PRDHEQ	39		P		CSIP 120 PSI TSIP 100 PSI FINISH TIH w 240 JTS OF 2 7/8" TBG SET 7" TAC AT 10162' w 25K TENSION
	9:30 12:00	2.50	WOR	16		P		N/D BOPE N/U WELL HEAD B FLANGE w 60' OF CAP STRING FLUSH TBG w 60 BBLS OF HOT 2% KCL WATER
	12:00 17:00	5.00	WOR	39		P		P/U AND PRIME 2 1/2" X 1 1/2" X 38' RHBC PUMP TIH w 16-1-1/2" K BARS 197-3/4" L/D 50-3/4" 145-7/8" 93-1" SPACE OUT w 8', 2', X 1" PONY RODS FILL TBG w 15 BBLS OF HOT 2% KCL WATER TEST AND STROKE TEST TO 1000 PSI GOOD
	17:00 18:30	1.50	RDMO	02		P		RDMO SLIDE ROTO FLEX TURN WELL OVER TO PRODUCTION

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LAKE FORK RANCH 4-14B4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013512400000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0802 FNL 0575 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 14 Township: 02.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	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: 2/11/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input 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="DO Plugs"/>

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

CBPs @ 10,885' & 10,875'

Approved by the
 March 04, 2015
 Oil, Gas and Mining

Date: _____

By: DeKQ Duff

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 2/10/2015	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well	7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	8. WELL NAME and NUMBER: LAKE FORK RANCH 4-14B4
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	9. API NUMBER: 43013512400000
PHONE NUMBER: 713 997-5138 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0802 FNL 0575 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 14 Township: 02.0S Range: 04.0W Meridian: U	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: 8/25/2016	<input checked="" 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 2 Plugs"/>

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

Please see attached proposed procedure along with current and post WBD's.

Approved by the
August 15, 2016
Oil, Gas and Mining

Date: _____
 By: D. K. Quist

NAME (PLEASE PRINT) Linda Renken	PHONE NUMBER 713 997-5138	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 8/15/2016	



Acid Re-stim and Plug Drill-out Lake Fork Ranch 4-14B4

API #: 4301351240
Sec. 14, T2S – R4W
Altamont Field
Duchesne County, Utah

Objective : POOH with rods and pump. Pull tubing, check PBTD, and cleanout to the liner top at 10,461'. Acidize perforations from 9,760' to 10,577' with 60,000 gallons in 3 stages. Run the BHA and tubing back into the well. Run back in with new/redressed pump and rods.

LFR 4-14B4
Workover Prognosis

TUBULAR DATA:

String	Description	Burst (psi) (100%)	Collapse (psi) (100%)	Body Yield (Mlbs)	Jt Yield (Mlbs)	ID (in)	Drift ID (in)	Cap (Bbls/ft)	TOC
Surface Casing	9-5/8" 40# N-80 LTC @ 5,854'	5,750	3,090	916	737	8.835	8.679	.0758	SURF
Intermediate Casing	7" 29# P-110 LTC @ 10,680'	11,220	8,510	929	797	6.184	6.059	.0371	4,315'
Production Liner	4-1/2" 13.5# P-110 10,461' – 13,044'	12,410	10,670	422	338	3.92	3.795	.0149	10,878'
Production Tubing	2-7/8" 6.5# N-80 8rd Tubing; 0-10,396'	10,570	15,300	145	198	2.441	2.347	.00579	N/A

Present wellbore condition

Production on the well has fallen from 90 BOPD, 180 BWPD, and 200 MCFD to 45 BOPD, 70 BWPD and 90 MCFD over the course of 3 months.

Procedure

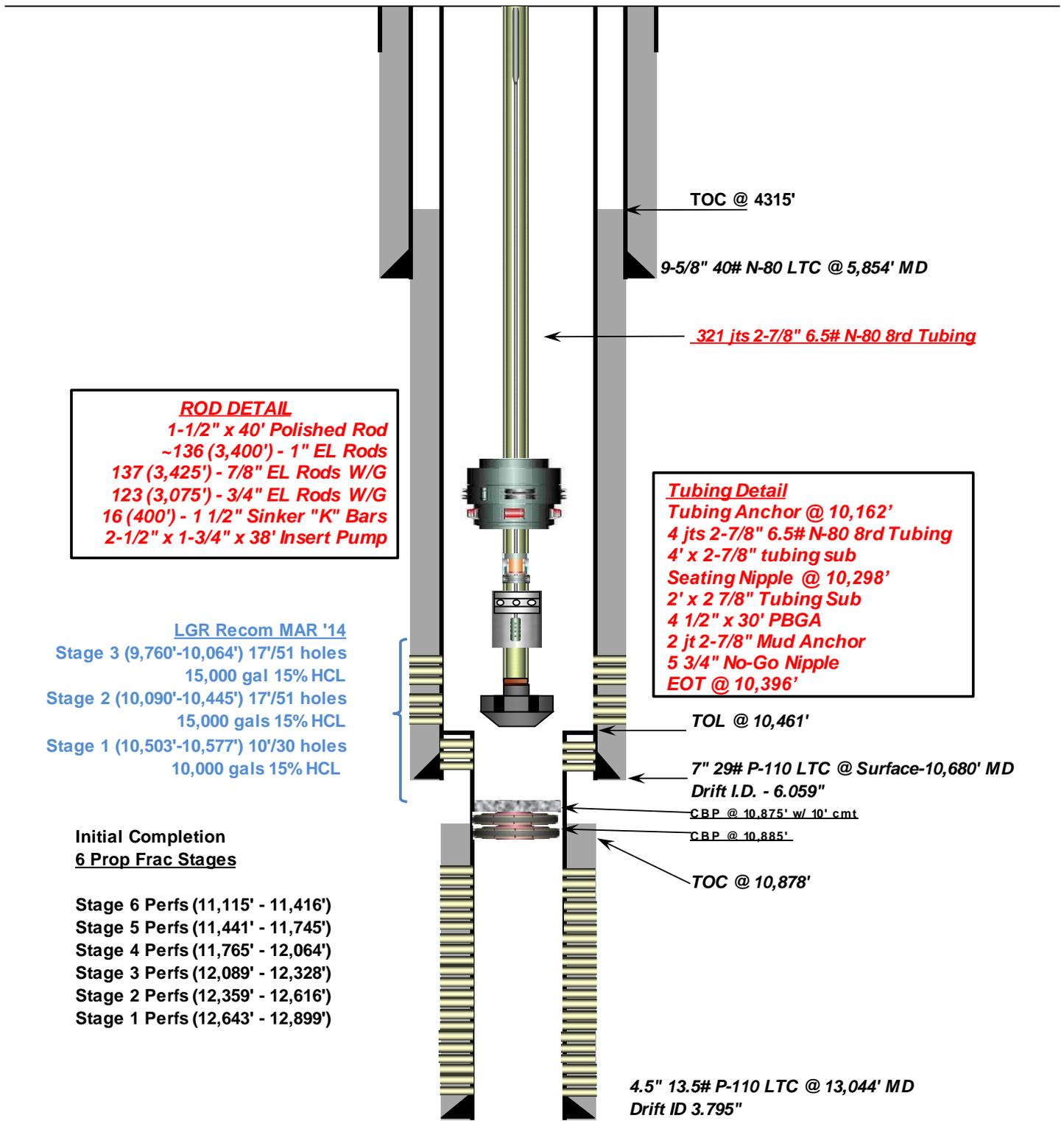
1. Slide unit out. MIRU workover rig. RU Hot Oil Unit and pump hot 2% KCl water down backside to heat up tubing.
2. POOH w/ rods & pump and send pump in for re-dress/exchange. Check all downhole equipment for wear, presence of scale and bent or buckled rods.
3. ND tree, NU and test BOP's.
4. Release the 7" TAC. POOH with 2-7/8" production tubing.
5. RU wireline and make a TD run to the 4-1/2" plug. RD wireline.
6. PU and RIH with a 6" bit on 2-7/8" tubing with a 7" casing scraper on 2-7/8" tubing, and clean out to the liner top.
7. POOH with bit and scraper.
8. RIH with a 7" packer and acidize perfs from 10,354' to 10,577' with 20,000 gallons of 15% HCl
9. Release packer and POOH.
10. RIH (hydro-testing) with 7" plug and packer. Acidize perfs from 10,031' to 10,305' with 20,000 gallons of 15% HCl.
11. Release plug and packer and move up hole. Acidize perfs from 9,760' to 10,577' with 20,000 gallons of 15% HCl.
12. PU and RIH with 3-1/4" rock bit on 2-3/8" x 2-7/8" tubing string and drill out cement and 2 CBP's at 10,875' and 10,885'.
13. POOH with rock bit and tubing.
14. RIH hydro-testing tubing with production BHA.
15. Set the tubing anchor, land the tubing, ND BOP and NU wellhead.
16. PU and RIH with pump and rods. Seat the pump.
17. RU hot oiler & fill tubing with 2% KCl. Pressure test tubing to 500psi & stroke test pump to 1000psi.
18. RD&MO service rig. Slide unit back in & put well back on production.



Current WBD as of April 2016

Company Name: El Paso Exploration & Production
 Well Name: Lakefork Ranch 4-14B4
 Field, County, State: Altamont - Bluebell, Duchesne, Utah
 Surface Location: Lat: 40° 18' 45.08530" N Long: 110° 18' 39.57309" W
 Producing Zone(s): Wasatch

Last Updated: 8/10/2016
 By: Walt
 TD: 13,044'
 BHL: _____
 Elevation: _____





Proposed WBD August 2016

Company Name: El Paso Exploration & Production
 Well Name: Lakefork Ranch 4-14B4
 Field, County, State: Altamont - Bluebell, Duchesne, Utah
 Surface Location: Lat: 40° 18' 45.08530" N Long: 110° 18' 39.57309" W
 Producing Zone(s): Wasatch

Last Updated: 8/10/2016
 By: Walt
 TD: 13,044'
 BHL: _____
 Elevation: _____

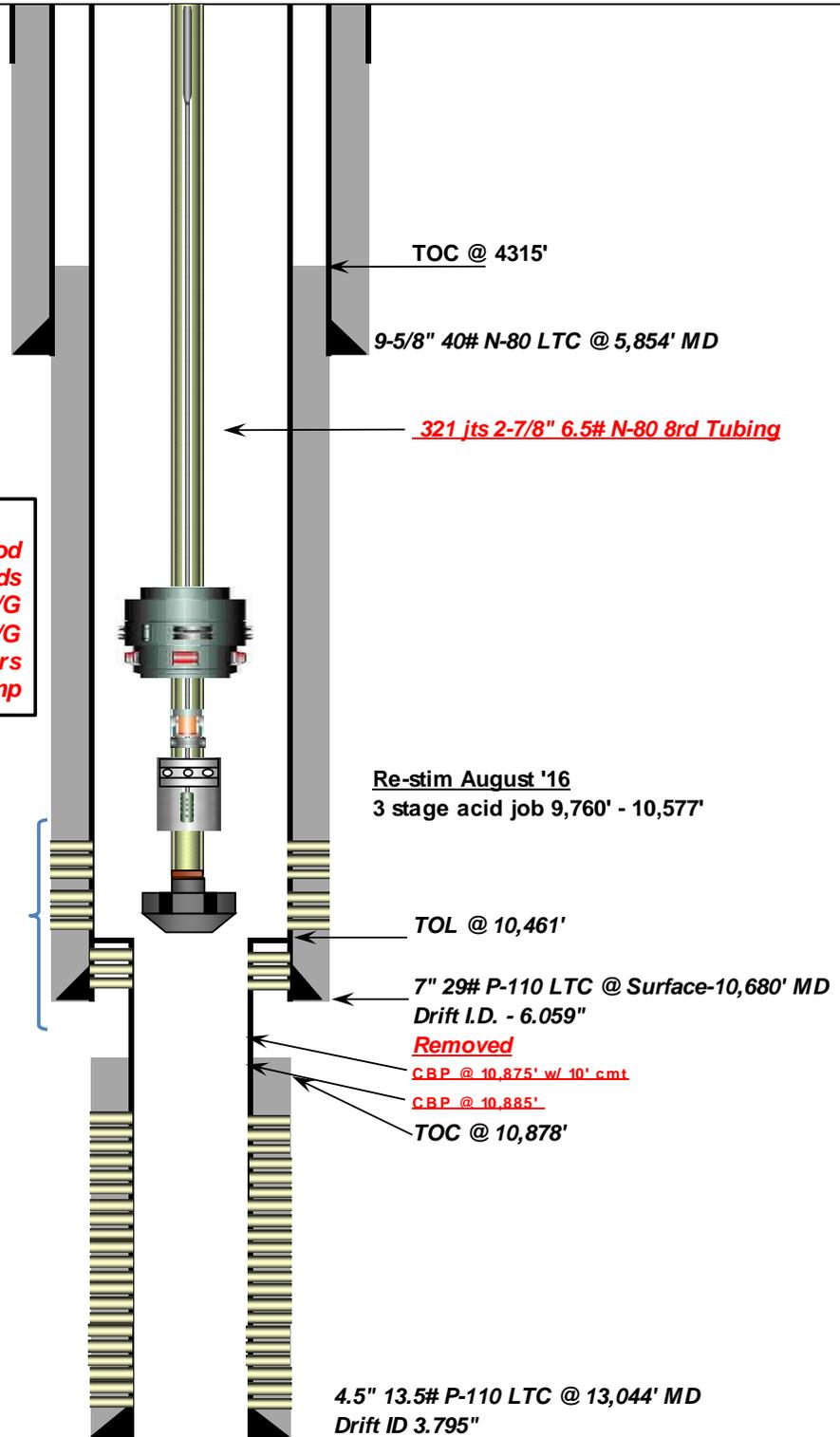
Tubing Detail
 Tubing Anchor @ 10,162'
 4 jts 2-7/8" 6.5# N-80 8rd Tubing
 4' x 2-7/8" tubing sub
 Seating Nipple @ 10,298'
 2' x 2 7/8" Tubing Sub
 4 1/2" x 30' PBGA
 2 jt 2-7/8" Mud Anchor
 5 3/4" No-Go Nipple
 EOT @ 10,396'

ROD DETAIL
 1-1/2" x 40' Polished Rod
 ~136 (3,400') - 1" EL Rods
 137 (3,425') - 7/8" EL Rods W/G
 123 (3,075') - 3/4" EL Rods W/G
 16 (400') - 1 1/2" Sinker "K" Bars
 2-1/2" x 1-3/4" x 38' Insert Pump

LGR Recom MAR '14
 Stage 3 (9,760'-10,064') 17'/51 holes
 15,000 gal 15% HCL
 Stage 2 (10,090'-10,445') 17'/51 holes
 15,000 gals 15% HCL
 Stage 1 (10,503'-10,577') 10'/30 holes
 10,000 gals 15% HCL

**Initial Completion
 6 Prop Frac Stages**

Stage 6 Perfs (11,115' - 11,416')
 Stage 5 Perfs (11,441' - 11,745')
 Stage 4 Perfs (11,765' - 12,064')
 Stage 3 Perfs (12,089' - 12,328')
 Stage 2 Perfs (12,359' - 12,616')
 Stage 1 Perfs (12,643' - 12,899')



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		8. WELL NAME and NUMBER: LAKE FORK RANCH 4-14B4
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		9. API NUMBER: 43013512400000
PHONE NUMBER: 713 997-5138 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0802 FNL 0575 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 14 Township: 02.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/25/2016 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Drill Out 2 Plugs"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>Pumped 3 stages of 20,000 gals (total of 60,000 gals). Drilled out CBP's @ 10875' & 10881'. Open perms: 9760'-10577' (2014 Recom) & 11115'-12899' (Initial Completion). See attached for additional information.</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 21, 2016</p>		
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5138	TITLE Consultant
SIGNATURE N/A		DATE 10/10/2016

CENTRAL DIVISION

ALTAMONT FIELD
LAKE FORK RANCH 4-14B4
LAKE FORK RANCH 4-14B4
WORKOVER 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	LAKE FORK RANCH 4-14B4		
Project	ALTAMONT FIELD	Site	LAKE FORK RANCH 4-14B4
Rig Name/No.	PEAK/2500/	Event	WORKOVER LAND
Start date	8/16/2016	End date	8/26/2016
Spud Date/Time	5/25/2012	UWI	LAKE FORK RANCH 4-14B4
Active datum	KB @6,246.9usft (above Mean Sea Level)		
Afe No./Description	167103/57354 / LAKE FORK RANCH 4-14B4		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
8/17/2016	6:00 7:30	1.50	MIRU	28		P		HELD JSA MEETING W/ RIG CREW RDMO & ROAD RIG
	7:30 9:00	1.50	MIRU	18		P		RDMO OFF ALLEN 3-7B4, TRAVEL LAKE FORK 4-14B4
	9:00 14:30	5.50	WOR	18		P		MIRU P/U ON POLISH ROD UNSEAT PUMP L/D 6' 2' X 1" PONY PULL UP 2 1" RODS FLUSH W/ 60 BBLS TOO H W/ 132 - 1" EL MIXED, 138 - 7/8" EL W/G, 123 - EL W/G, 16 1 1/2" "C" BARS, 2 1/2" X 1 3/4" X 38' RHBC ROD PUMP
	14:30 16:30	2.00	WOR	16		P		ND WELL HEAD, 10K"B" FLANGE, INSTALL 5K X 10K SPOOL, 5K WEATHERFORD BOP, TEST PIPES 300 PSI LOW, 4000 PSI HIGH, BLIND RAMS 300 PSI LOW, 4000 PSI HIGH, HELD GOOD
	16:30 16:30	0.00	WOR	39		P		PULLED LANDING HANGER UP TO RIG SLIPS, BRAKE IT OUT RELEASE 7" TAC 8RD, START TOO H W/ 160 JT 2 7/8" N-80 TBG EOT @ 5342'
	16:30 18:30	2.00	WOR	18		P		CLOSE LOCK PIPE RAMS 1ST BARRIER, INSTALL 2" BULL PLUG IN ALL CSG VAVLE 2ND BARRIER SEND GAS SALE, INSTALL TIW VALVE 1ST BARRIER, NIGHT CAP 2ND BARRIER SDFN
8/18/2016	6:00 7:30	1.50	WOR	28		P		HELD JSA MEETING W/ RIG CREW M/U TOOLS
	7:30 9:00	1.50	WOR	39		P		TSIP 50, CSIP 50, CHECK ALL IGNITION SOURCE SHUT OFF ALL FIRE & ENGINES, BLEED OFF GAS, OPEN WELL UP CONT TOO H W/ 171 JT 2 7/8" N-80, 7" TAC, 4 JT 2 7/8" N-80 TBG, 4' X 2 7/8" PUP JT, +45 2 7/8" PSN, 2' X 2 7/8" PUP JT, 4 1/2" PBGA, 2 JT 2 7/8" MUD JT, 5 3/4" NO/GO W/ 2 7/8" BULL PLUG
	9:00 10:30	1.50	WOR	18		P		MIRU THE PERFORATORS RIH W/ WEIGHT BARS TAG UP @ 10,846' TOO H W/ WIRELINE R/D TRUCK
	10:30 14:00	3.50	WOR	39		P		M/U 6" BIT , 7" CSG SCAPPER, X/O TIH W/ 325 JT 2 7/8" N-80 TBG, P/U 6 JT 2 7/8" WORK OFF FLOAT TAG LT @ 10, 477' PULL UP NEXT CONT CLOSE RAMS

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	14:00 16:30	2.50	WOR	06		P		START PUMP 8 BPM 2% KCL TOTAL 850 BBLS W/ 4 BUCKETS POLY PLUS, 0 PSI NEVER DID GAIN RETURNS! FLUSH TBG W/ 50 BBLS HOT H2O
	16:30 17:30	1.00	WOR	39		P		OPEN PIPE RAMS START TOO H W/ 2 7/8" L/D 7 JT 2 7/8" CONT TOO H W/ 170 2 7/8" EOT @ 4,824'
	17:30 18:00	0.50	WLWORK	18		P		CLOSE LOCK PIPE RAMS SEND CSG UP SALES INSTALL TIW VAVLE W/ NIGHT CAP SDFN
8/19/2016	6:00 7:30	1.50	WOR	28		P		HELD JSA MEETING W/ CREW R/U HYDRO TESTERS
	7:30 8:00	0.50	WOR	39		P		TSIP 400, CSIP 250, CHECK ALL IGNITION SOURCE, SHUT OFF ALL ENGINES, HOT OILER FLAME, BLEED OFF GAS FLOW BACK TANK OPEN PIPE RAMS, TAKE OUT TIW VALVE
	8:00 9:30	1.50	WOR	39		P		CONT TOO H W/ 152 JT 2 7/8" N-80 TBG, X/O, 7" CSG SCRAPPER, 6" BIT
	9:30 18:00	8.50	WOR	39		P		R/U HYDRO TEST TRUCK, M/U 7" HD WEATHERFORD PKR START TIH W/ 94 JT 2 7/8" STOP @ 3,053' SET FILL W/ 89 BBLS 2% TEST DOWN CSG 1000 PSI, HELD GOOD! RELEASE PKR CONT TIH TEST TBG 232 JT 2 7/8" N-80 TBG, STOP @ 10,324' (LET TBG COOL OFF SET PKR IN AM!)
	18:00 19:05	1.08	WOR	18		P		CLOSE & LOCK PIPE RAMS INSTALL 2" BULL PLUG IN ALL POSSIBLE SPOTS, INSTALL TIW VALVE 1ST BARRIER, NIGHT CAP W/ NEEDLE VALVE 2ND SEND CSG UP SALE LINE S.D.F.N
8/20/2016	6:00 7:30	1.50	WOR	28		P		HELD JSA MEETING W/ PEAK, WEATHERFORD ACID & TOOL HAND, ACTION HOT OILER & MY SELF WORK AROUND PUMP TRUCKS
	7:30 8:00	0.50	WOR	35		P		TSIP 0, CSIP 0, SHUT OFF ALL IGNITION SOURCE OPEN WELL FLOW BACK TANK CHECK FOR FLOW M/U 6' X 2 7/8" PUP JT 10K X 4 1/16" FRAC VALVE, 2' X 2 7/8" HANDLING SUB, SET PKR @ 10, 324' W/ 40#K COMPRESSION R/U WEATHERFORD ACID CREW TBG W/ VALVE ON TOP MASTER VALVE
	8:00 11:30	3.50	WOR	35		P		TEST PUMP LINES 9400 PSI (HAD ONE LEAK FIX!) 3 BBLS START MUTAUL, 5 BBLS START WATER, LOAD HOLE W/ 57 BBLS, PUMP 20, 000 GALS 28% ACID W/ CHEMICAL AS TREATMENT SCHEDULE STAGE 1 HIGHS RATE WAS 9.2 BPM 3000 PSI SHUT DOWN WELL ON A SUCK CHECK CSG OPEN PIPE RAMS P/U ON TBG STRING RELEASE 7" PKR L/D 10K FRAC VALVE
	11:30 14:30	3.00	WOR	39		P		TOOH W/ 326 JT 2 7/8" N-80 TBG, PSN, 7" HD WEATHERFORD PKR,
	14:30 18:00	3.50	WOR	39		P		M/U NEW 7" PKR, RET HEAD, 7" RBP, TIH W/ 326 JT SET RBP @ 10,335' PULL UP SET 7" PKR @ 10,001' 316 JT IN, INSTALL 10K MASTER FRAC VALVE W/ 1502 WING HALF W/ NEEDLE VALVE ON TOP, CLOSE LOCK PIPE RAMS (HARD SHUT IN!) SDFN
8/21/2016	6:00 7:30	1.50	WOR	28		P		HELD JSA MEETING W/ PEAK, WEATHERFORD ACID CREW MY SELF WORKING AROUND ACID

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	7:30 12:00	4.50	WOR	35		P		TSIP 85, CSIP 50, SHUT OFF ALL IGNITION SOURCE BLEED GAS OFF FLOW BACK TANKS R/U WEATHERFORD 10K MASTER VALVE, PRESSURE TEST LINES 9,124 PSI LOAD HOLE W/ 70 BBLS, PUMP 20,000 GALS ACID 8.5 BPM 1700 PSI HIGHS PSI, PUMP W/ CHEMICAL REQUESTED WELL WAS ON A VACUUM WHEN WE SHUT DOWN, RELEASE PKR TIH "J" UP ON RBP & RELEASE
	12:00 13:30	1.50	STG03	35		P		SET RBP @ 10,001' PULL UP SET PKR @ 9,730' INSTALL 10K MASTER VALVE, R/U WEATHERFORD, PRESSURE TEST LINES 8678 PSI LOAD HOLE W/ 59 BBLS PUMP 9.1 BPM 320 PSI PUMP STAGE 3 20,000 GALS ACID W/ CHEMICAL AS REQUESTED WELL WAS ON VACUUM AFTER PUMPING PU RELEASE PKR L/D 10K MASTER VALVE TIH "J" UP ON RBP
	13:30 17:00	3.50	WOR	39		P		TOOH W/ 316 JT 2 7/8" 7" WEATHERFORD PKR, 4' X 2 7/8" PUP RET HEAD, 7" WEATHERFORD RBP
8/22/2016	6:00 6:00	24.00	WOR	18		P		SDFW
8/23/2016	7:00 8:30	1.50	PRDHEQ	28		P		HELD JSA MEETING W/ RIG CREW WORK AROUND BAILER
	8:30 9:00	0.50	PRDHEQ	18		P		TSIP N/A, CSIP 400 SHUT OFF ALL IGNITION SOURCE, BLEED OFF CSG FLOW BACK TANKS ALL ENGINES OFF
	9:00 13:00	4.00	PRDHEQ	39		P		M/U 3-1/16" MILL, TWO 3-1/2" JUNK BASKETS, X/O, 2 3/8" FLAPPER, 4' X 2-3/8" PUP JT, 2 3/8" FLAPPER, TIH W/ 20 JT 2 3/8" N-80 TBG, 2 3/8" SAFETY SUB, 3 1/8" X 2 3/8" STROKE BAILER, 2 3/8" FLAPPER, 2 3/8" DRAIN SUB, CONT P/U 64 JT 2 3/8" TBG, X/O, CONT TIH W/ 2 7/8" 257 JT TAG UP @ 10,860'
	13:00 18:00	5.00	WOR	72		P		R/U DRILL EQUIPMENT, PUMP 40 BBLS DOWN CSG START BAILING/ DRILLING @ 10,860', BAIL DOWN 1ST CBP @ 10,875 DRILL UP PLUG! CLEAN DOWN 2ND CBP @ 10,881' STROKE BAILER 20 TIMES CLEAN UP PLUG R/D POWER SWIVEL TOOH 20 JT EOT @ 10,210'
	18:00 19:00	1.00	WOR	18		P		CLOSE & LOCK PIPE RAMS 2" BULL PLUG IN ALL POSSIBLE SPOTS, INSTALL TIW VALVE W/ NEEDLE VALVE IN TOP 2ND BARRIER
8/24/2016	6:00 7:30	1.50	WOR	28		P		HELD JSA MEETING W/ RIG CREW WORKING AROUND POWER SWIVEL
	7:30 11:00	3.50	WOR	72		P		TSIP 25, CSIP 50, SHUT OFF ALL IGNITION SOURCES BLEED OFF GAS FLOW BACK TANKS OPEN WELL UP, TIH W/ 20 JT 2 7/8" TBG R/U POWER SWIVEL CONT BAIL/ DRILL 2ND CBP @ 10,881' FELL PASS PLUG AROUND 11AM R/D POWER SWIVEL TRICKLING 1/2 BPM!
	11:00 13:00	2.00	WOR	39		P		TIH 35 JT 2 7/8" TBG TAG UP @ 12, 236' R/U POWER SWIVEL APPROX 2 HRS +/- MADE NO HOLE (LOOK BACK REPORTS COIL HAD PROBLEMS @ 12,218' W/ TIGHT SPOT!) R/D POWER SWIVEL,
	13:00 17:30	4.50	WOR	39		P		TOOH W/ 300 JT 2 7/8" N-80 TBG, X/O, 64 JT 2 3/8" N-80 TBG 2 3/8" DRAIN SUB, 2 3/8" BULL DOG STROKE BAILER, 2 3/8" SAFETY SUB, TOOH W/ 20 JT 2 3/8" CAVITY W/ ROPE ON TONGS AS BREAKING OUT CAVITY!, 2 3/8" FLAPPER, 4' X 2 3/8" PUP JT, 2 3/8" FLAPPER, 2 3 1/2" JUNK SUBS, 3-3/4" KONCAVE BLADE MILL

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	17:30 18:30	1.00	WOR	39		P		M/U 3-5/8" KONCAVE BLADE MILL, 2 3/8" FLAPPER, 4' X 2 3/8" PUP JT, 2 3/8" FLAPPER, 21 JT 2 3/8" CAVITY, 2 3/8" SAFETY 2 3/8" BULL DOG BAILER, 2 3/8" DRAIN SUB TIH W/ 64 JT 2 3/8" X/O, 2 JT 2 7/8" N-80 EOT @ 2,788' SDFN
	18:30 19:00	0.50	WOR	18		P		CLOSE & LOCK PIPE RAMS 1ST BARRIER, INSTALL 2" BULL PLUG IN ALL POSSIBLE SPOTS 2ND BARRIER, SEND CSG GAS UP SALES LINE, INSTALL 2 7/8" T.I.W VALE IN TBG 1ST BARRIER, NIGHT CAP W/ NEEDLE VALVE ON TOP 2ND BARRIER SDFN
8/25/2016	6:00 7:30	1.50	WOR	28		P		HELD JSA MEETING W/ RIG CREW PINNING STIFF ARM POWER SWIVEL
	7:30 11:00	3.50	WOR	39		P		TSIP 20, CSIP 20, SHUT OFF ALL IGNITION SOURCES BLEED WELL GAS OFF FLOW BACK TANK OPEN WELL UP, TIH WORK MILL INSIDE LT @ 10,461' CONT TIH DIDNT SEE SPOT @ 12,236'! DID SEE SPOT @ 12,277' 303 JT 2 7/8" TBG IN, 3#K DOWN FELL PASS IT, 5K PULLING OVER GET BACK PASSED IT. CONT TIH TOTAL 323 JT 2 7/8" N-80 TBG TAG PBTD @ 12,938'
	11:00 16:00	5.00	PRDHEQ	39		P		TOOH W/ 323 JT 2 7/8" N- 80 TBG, X/O, L/D 63 JT 2 3/8" N-80 TBG, 2 3/8" DRAIN SUB, 2 3/8" BULL DOG BAILER, 2 3/8" SAFETY SUB, 23 JT 2 3/8" N-80 TBG, 2 3/8" FLAPPER, 4' X 2 3/8" PUP JT, 2 3/8" FLAPPER, 3-5/8" KONCAVE BLADE MILL
	16:00 18:45	2.75	WOR	39		P		M/U 5 3/4" SOLID NO/GO, 2 JT 2 7/8" MUD JT, 4 1/2" PBGA, 2' X 2 7/8" PUP JT, +45 PSN 2 7/8" W/ RET SV, R/U HYDRO TEST TRUCK P/U 2 JT 2 7/8" PRESSURE TEST 8500 PSI, RETR VALVE, P/U TEST TOOLS CONT TIH W/ 4' X 2 7/8" PUP JT, 4 JT 2 7/8", 7" TAC, TIH W/ 134 2 7/8" N-80, EOT @ 4,291'
	18:45 19:00	0.25	WOR	39		P		CLOSE & LOCK PIPE RAMS 1ST BARRIER, 2" BULL PLUG IN ALL POSSIBLE SPOTS SEND CSG GAS UP SALES, INSTALL 2 7/8" TIW W/ NIGHT CAP NEEDLE VALVE ON TOP
8/26/2016	6:00 7:30	1.50	WOR	28		P		HELD JSA MEETING W/ CREW R/D WORK FLOOR NOT STANDING UNDER SUSPENDED LOADS
	7:30 10:00	2.50	WOR	39		P		TSIP 30, CSIP 30, SHUT OFF ALL IGNITION SOURCE, BLEED OFF GAS FLOW BACK TANK , OPEN WELL UP CONT TIH W/ 193 JT 2 7/8" HYDRO TEST TBG 8,500 PSI RD TRUCK
	10:00 12:00	2.00	WOR	16		P		SET TAC LAND IN WELL HEAD W/ 7 1/16" HANGER, TIW VALVE IN PUP JT, R/D TBG WORK FLOOR , N/D BOP, PULL HANGER UP OUT TBG HEAD, INSTALL 10K "B" FLANGE, 20K TENSION TAC R/U FLOW LINES, RADIGINS, ECT FLUSH TBG W/ 60 BBLS 2% W/ CHEMICAL CHANGE OVER ROD EQUIPMENT TAC@ 10,178.58 PSN@ 10,311.58 EOT@ 10,409.98
	12:00 15:30	3.50	WOR	39		P		P/U & PRIME 2 1/2" X 1 3/4" X 40' RHBC ROD PUMP, P/U 16 1 1/2" "C" BARS, TIH W/ 123 - 3/4" W/G, 137 - 7/8" W/G, 132 - 1" MIXED SPACE OUT W/ 6' 2' X 1" PONYS P/U NEW 1 1/2" X 40' SEAT PUMP FILL W/ 39 BBLS PRESSURE UP 200 PSI STROKE TEST 1000 PSI HELD GOOD!
	15:30 17:00	1.50	RDMO	02		P		RDMO HELP SLIDE ROTA-FLEX FORWARD & HANG IT OFF VERIFY IT IS PUMP CORRECT TURN OVER PRDUCTION ROAD RIG BIRCH 3-27B5 SDFN