API Well Number: 43013513890000

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 Layton 4-2B3	
2. TYPE OF WORK DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** BLUEBELL
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
6. NAME OF OPERATOR EP ENERGY E&P COMPANY, L.P.	**7. OPERATOR PHONE** 713 997-5038
8. ADDRESS OF OPERATOR 1001 Louisiana, Houston, TX, 77002	**9. OPERATOR E-MAIL** maria.gomez@epenergy.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee **11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ●	**12. SURFACE OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ●
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Troy R. & Kimberley D. Layton	**14. SURFACE OWNER PHONE (if box 12 = 'fee')** 435-454-3369
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') HC 65 Box 67, ,	**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 ○ (Submit Commingling Application) NO ●	**19. SLANT** VERTICAL ● DIRECTIONAL ○ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1574 FSL 1323 FWL	NESW	2	2.0 S	3.0 W	U
Top of Uppermost Producing Zone	1574 FSL 1323 FWL	NESW	2	2.0 S	3.0 W	U
At Total Depth	1574 FSL 1323 FWL	NESW	2	2.0 S	3.0 W	U

21. COUNTY DUCHESNE	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 1323	**23. NUMBER OF ACRES IN DRILLING UNIT** 640
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2300	**26. PROPOSED DEPTH** MD: 13900 TVD: 13900
27. ELEVATION - GROUND LEVEL 5967	**28. BOND NUMBER** 400JU0708	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 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	20	13.375	0 - 1000	54.5	J-55 ST&C	9.5	Class G	1243	1.15	15.8
Surf	12.25	9.625	0 - 6000	40.0	N-80 LT&C	9.5	Premium Lite High Strength	1331	2.33	12.0
							Premium Lite High Strength	191	1.33	14.2
I1	8.75	7	0 - 10900	29.0	HCP-110 LT&C	11.0	Premium Lite High Strength	335	2.31	12.0
							Premium Lite High Strength	97	1.91	12.5
L1	6.125	4.5	10700 - 13900	13.5	P-110 LT&C	14.0	50/50 Poz	271	1.45	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME	TITLE	PHONE
SIGNATURE	DATE 04/24/2012	EMAIL

API NUMBER ASSIGNED	APPROVAL
43013513890000	Permit Manager

RECEIVED: July 23, 2012

Layton 4-2B3
NWSW Sec. 2, T2S, R3W
DUCHESNE COUNTY, UT

EL PASO E&P COMPANY, L.P.

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers**

Formation	Depth
Green River	5,899’
Mahogany Bench	7,979’
L. Green River	9,379’
Wasatch	10,804’
TD	13,900’

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

Substance	Formation	Depth
	Green River	5,899’
	Mahogany Bench	7,979’
Oil	L. Green River	9,379’
Oil	Wasatch	10,804’

3. **Pressure Control Equipment:** (Schematic Attached)

A 4.5” by 20.0” rotating head on structural pipe from surface to 1000’. A 4.5” by 13 3/8” Smith Rotating Head from 1000’ to 5,999’ on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 5,999’ to 10,904’. A 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 10,904’ to TD.
The BOPE and related equipment will meet the requirements of the 5M and 10M system.

OPERATORS MINIMUM SPECIFIC FOR BOPE:

The surface casing will be equipped with a flanged casing head of 5M PSI working pressure. We will NU an 11.0” 5M BOP, 5M Annular. This equipment will be nippled up on the surface casing and tested to 250 psi low test/5M psi high test prior to drilling out. The surface casing will be tested to 1500 psi. Intermediate casing will be tested to the greater of

RECEIVED: April 24, 2012

1500 psi or .22 psi/ft. The choke manifold equipment, upper Kelly cock, floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low lest and 2500 psi high test or 50% of rated working pressure. A 10M BOP installed with 5M annular with 3 ½" 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 will be used at the proposed location. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance for 5M and 10M psi systems.

Auxiliary Equipment:

A) Mud logger with gas monitor – 5,999' to TD
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) Shakers

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

Please refer to the attached Casing and Cementing Program.

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.4 – 9.0
Intermediate	WBM	8.4 – 11.5
Production	WBM	9.5 – 14

Anticipated mud weights are based on actual offset well mud weights with safety margin. 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.

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6. **Evaluation Program**:

   Please refer to the attached Logging Program.

7. **Abnormal Conditions:**

   Maximum anticipated bottom hole pressure calculated at 13,900' TD equals approximately 10,119 psi (calculated at 0.728 psi/foot).

   Maximum anticipated surface pressure equals approximately 7,061 (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 10,904' minus gas gradient to surface (0.1 psi/ft) = 7,633 psi

   BOPE and casing design is based on the lesser of the two MASPs which is anticipated BHP – partially evacuated gradient 7,061 psi

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

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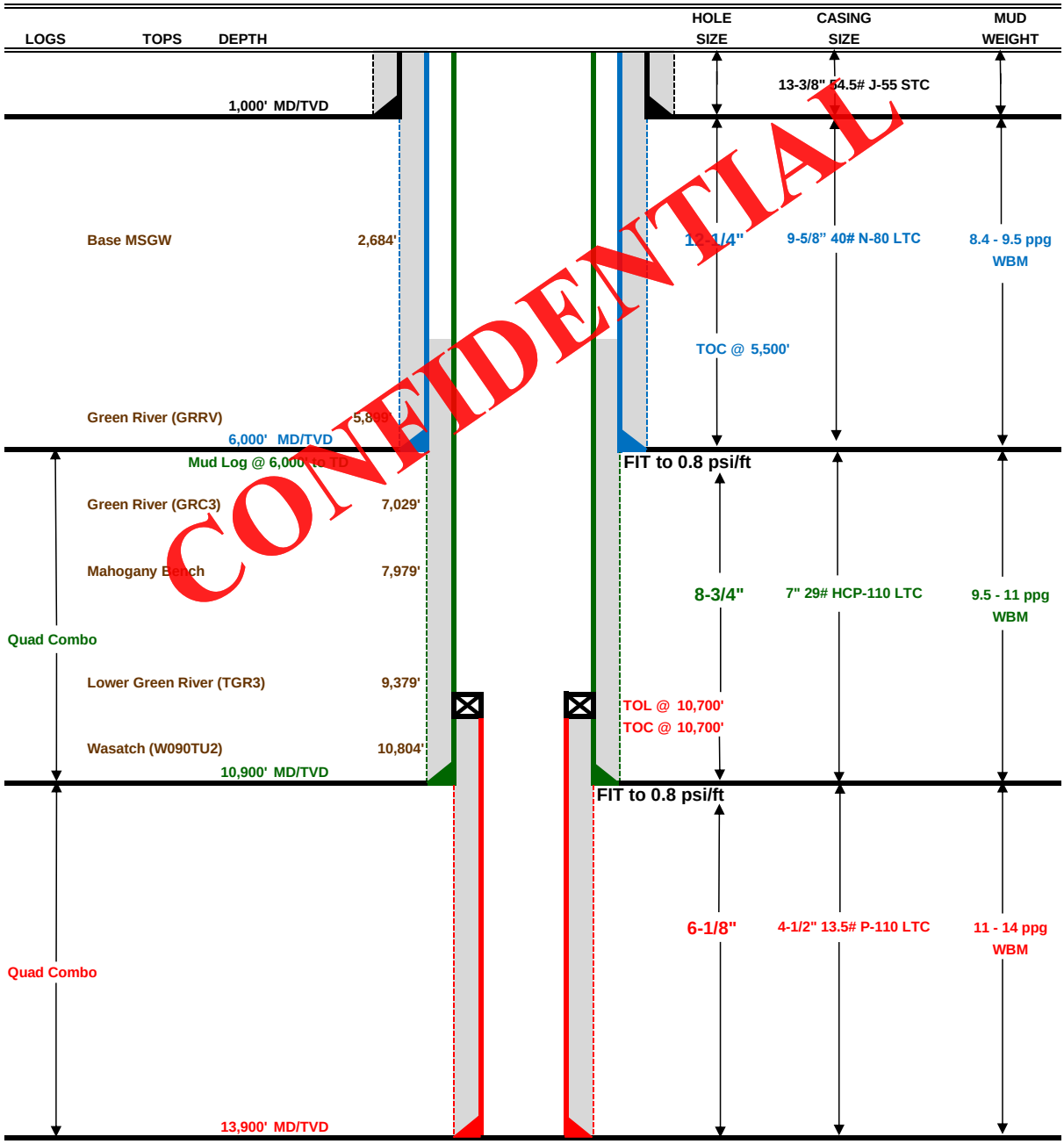
elpaso Production

Drilling Schematic

Company Name:	El Paso Exploration & Production	**Date:**	April 19, 2012
Well Name:	Layton 4-2B3	**TD:**	13,900'
Field, County, State:	Altamont-Bluebell Duchesne, UT	**AFE #:**	148799
Surface Location:	Sec 2 T2S R3W 1574' FSL 1323' FWL	**BHL:**	Straight Hole
Objective Zone(s):	Lower Green River, Wasatch	**Elevation:**	5,967'
Rig:	Precision 406	**Spud (est.):**	August 5, 2012
BOPE Info:	5.0 x 13 3/8 rotating head from1,000' to 6,000' 11 5M BOP stack and 5M kill lines and choke manifold used from 6,000' to 10,900' 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 10,900' to TD		



DRILLING PROGRAM

CASING PROGRAM	SIZE	INTERVAL			WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13-3/8"	0	-	1,000	54.5#	J-55	STC	2,730	1,130	853K
SURFACE	9-5/8"	0	-	6,000	40#	N-80	LTC	7,900	3,470	847K
INTERMEDIATE	7"	0	-	10,900	29#	HCP-110	LTC	11,220	9,200	797K
PRODUCTION LINER	4-1/2"	10700	-	13,900	13.5#	P-110	LTC	12,410	10,680	338K

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		1,000	Class G + 3% CACL2	1243	100%	15.8 ppg	1.15
SURFACE	Lead	5,500	Halco-light premium+3 lbm/sk Silicate+0.8% Econolite+2% Salt+2 lbm/sk Kol-Seal+0.25 lb/sk Kwik Seal	1331	75%	12 ppg	2.33
	Tail	500	Halco-light premium+3 lb/sk Silicate+0.3% Econolite+1% Salt+0.25 lbm/sk Kol-Seal+0.2 lb/sk Kwik Seal+ HR-5	191	50%	14.2 ppg	1.33
INTERMEDIATE	Lead	4,400	Halco-Light Premium+4% Bentonite+0.4% Econolite+0.2% Halad322+3 lb/sk Silicalite Compacted+0.8% HR-5+ 0.125 lb/sk Poly-E-Flake	335	10%	12 ppg	2.31
	Tail	1,000	Hallco-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	97	10%	12.5 ppg	1.91
PRODUCTION LINER		2,700	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 Silicate	271	25%	14.3 ppg	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.
LINER	Float shoe, 1 joint of CSG, float collar, 1 joint of CSG, and the landing collar. Thread lock all float equipment. Run two marker joints spaced 1000' Apart.

PROJECT ENGINEER(S): Brent Baker (713) 420-3323

MANAGER: Scott Palmer

RECEIVED: April 24, 2012

EL PASO E&P COMPANY, L.P.

LAYTON 4-2B3
SECTION 2, T2S, R3W, U.S.B.&M.
DUCHESNE COUNTY, UTAH

FROM THE INTERSECTION OF 4000 NORTH AND 12000 WEST IN BLUEBELL UTAH PROCEED SOUTH 2.00 MILES ON A PAVED COUNTY ROAD TO AN INTERSECTION;

TURN LEFT AND TRAVEL EASTERLY 0.76 MILES ON A PAVED COUNTY ROAD TO THE BEGINNING OF A PREVIOUSLY PLATTED ROAD RIGHT-OF-WAY;

TURN LEFT AND TRAVEL NORTH AND THEN EAST 0.38 MILES ALONG A PREVIOUSLY PLATTED RIGHT-OF-WAY AND THROUGH THE PROPOSED SEELEY 4-3B3 LOCATION TO THE BEGINNING OF THE PROPOSED ACCESS ROAD;

FOLLOW CENTERLINE STAKES EASTERLY 0.31 MILES TO THE PROPOSED LOCATION;

TOTAL DISTANCE FROM THE INTERSECTION OF 4000 NORTH AND 12000 WEST IN BLUEBELL, UTAH IS APPROXIMATELY 3.45 MILES.

API Well Number: 43013513890000

EL PASO E & P COMPANY, L.P.

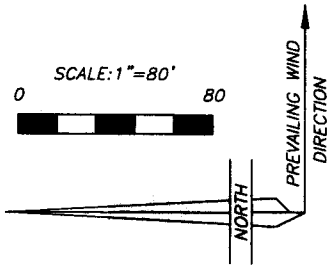
LOCATION LAYOUT FOR

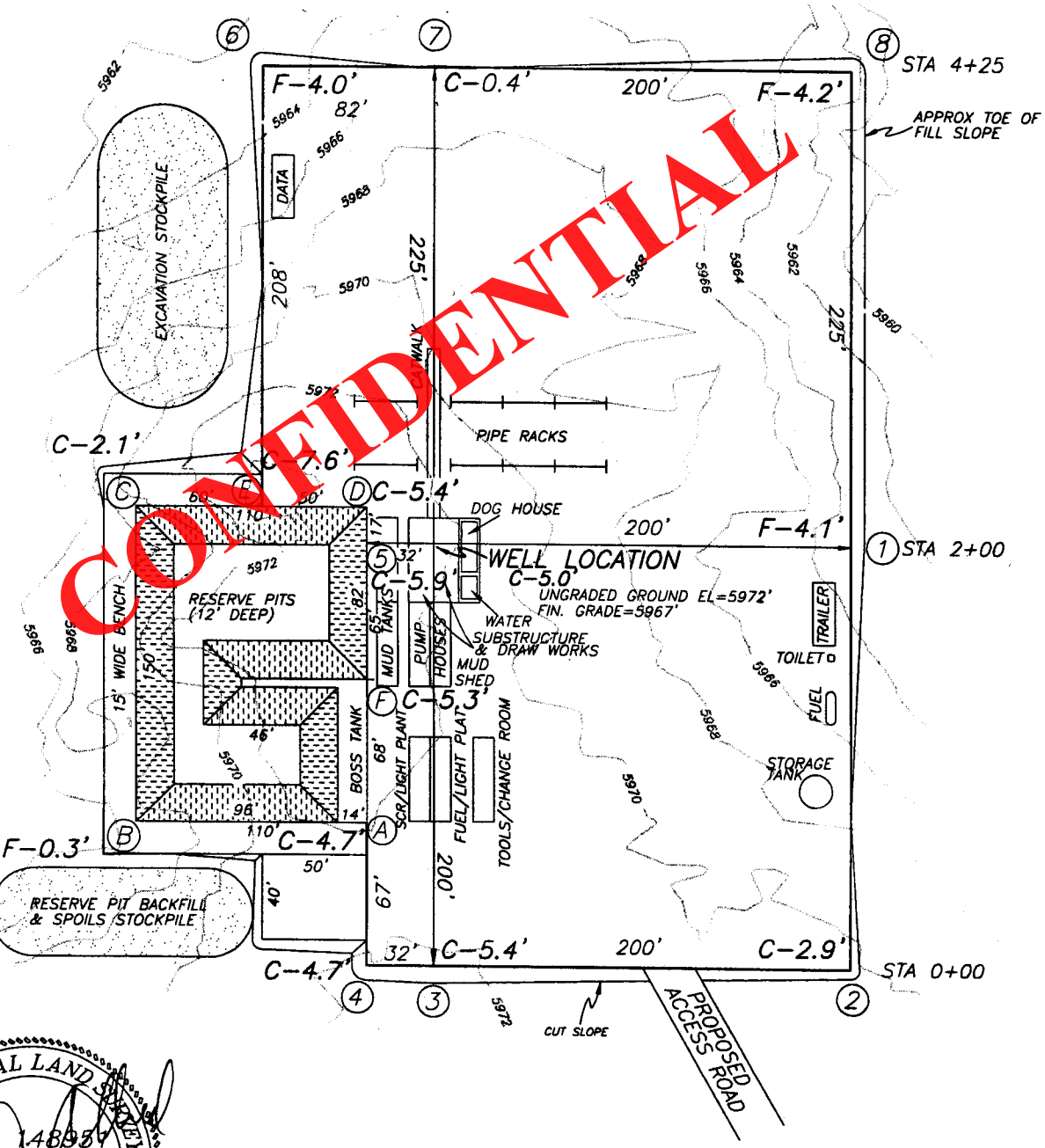
LAYTON 4-2B3

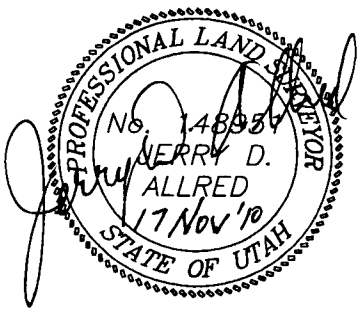
SECTION 2, T2S, R3W, U.S.B.&M.

1574' FSL, 1323' FWL

FIGURE #1







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

17 NOV 2010 01-128-189

API Well Number: 43013513890000

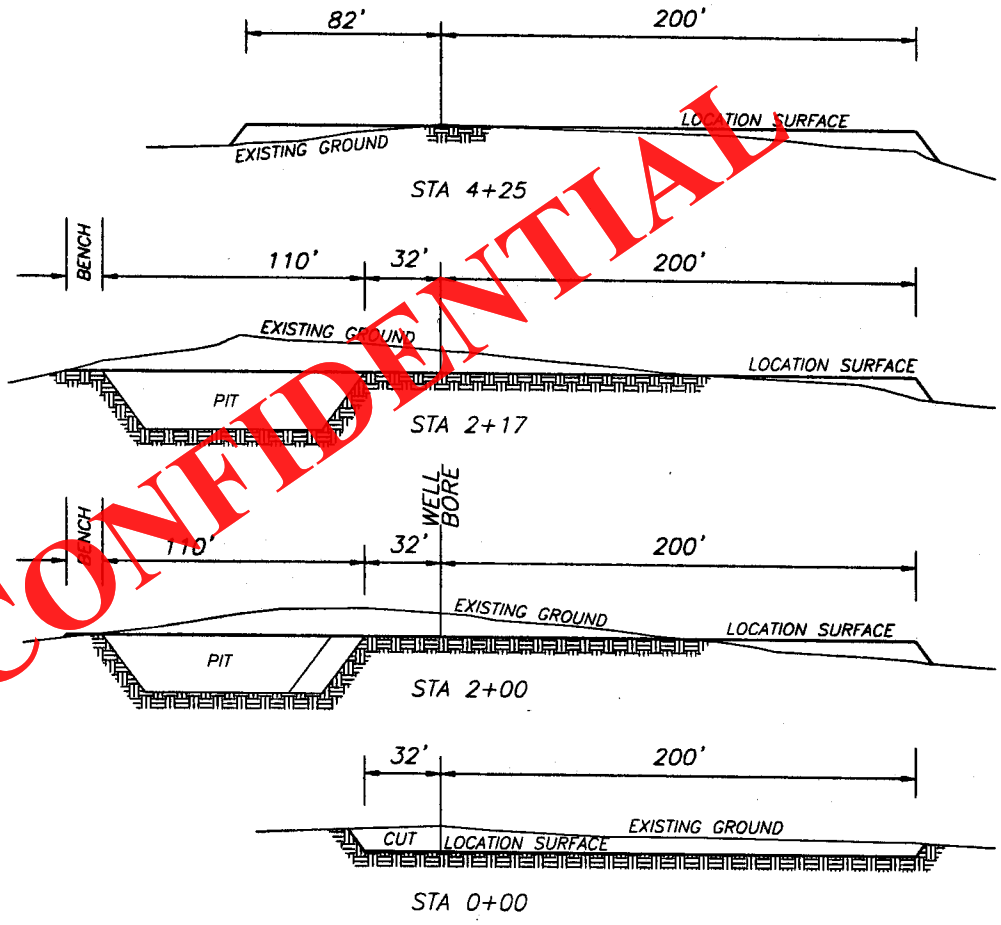
EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR
LAYTON 4-2B3
SECTION 2, T2S, R3W, U.S.B.&M.
1574' FSL, 1323' FWL

FIGURE #2

1"=40' X-SECTION SCALE
1"=80'

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



APPROXIMATE YARDAGES

TOTAL CUT (INCLUDING PIT) = 16,651 CU. YDS.

PIT CUT	=	4572 CU. YDS.
TOPSOIL STRIPPING: (6")	=	2571 CU. YDS.
REMAINING LOCATION CUT	=	9508 CU. YDS

TOTAL FILL = 3803 CU. YDS.

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

ACCESS ROAD GRAVEL=447 CU. YDS.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
17 Nov 10
STATE OF UTAH

17 NOV 2010 01-128-189

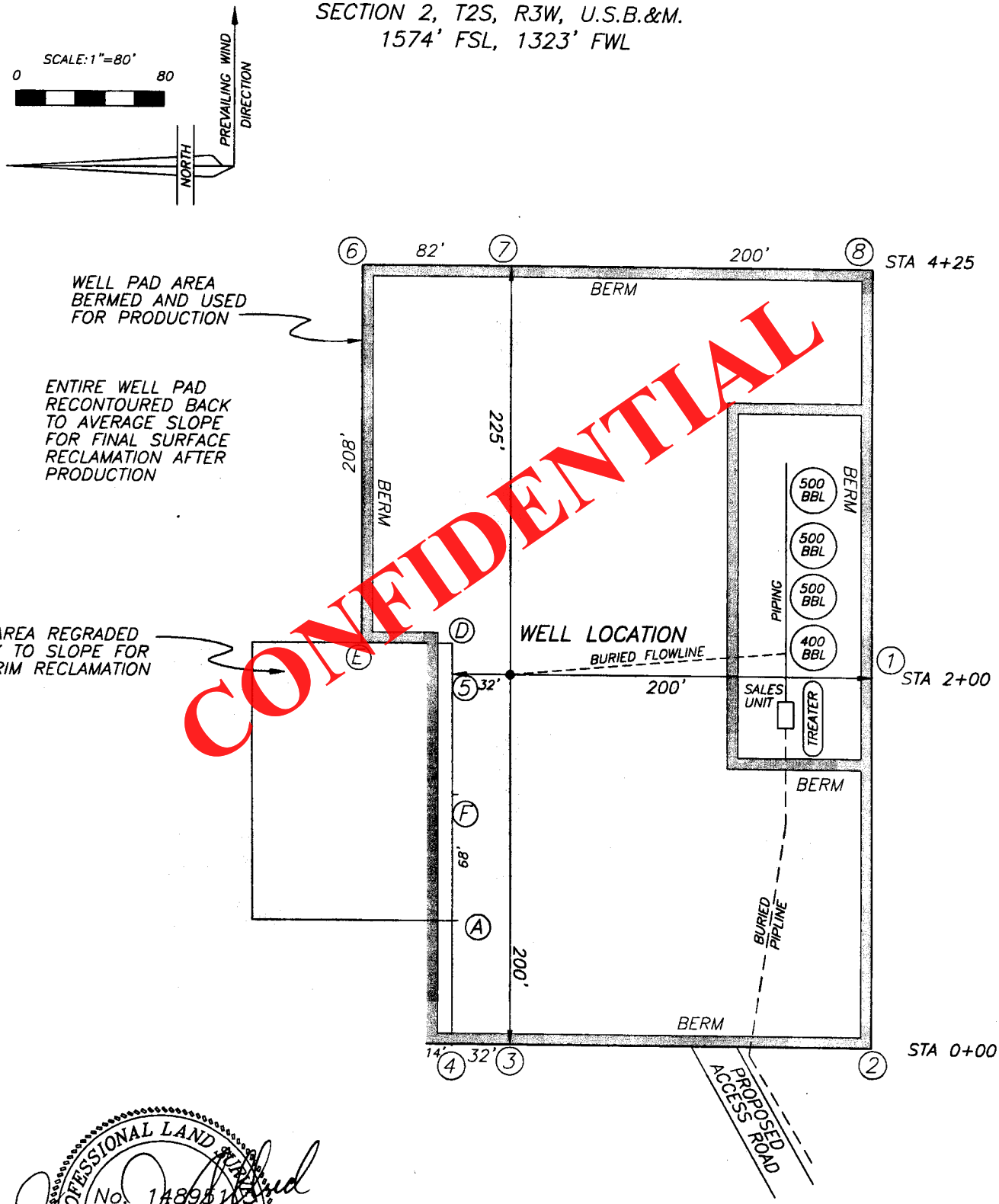
JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

API Well Number: 43013513890000

EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR
LAYTON 4-2B3
SECTION 2, T2S, R3W, U.S.B.&M.
1574' FSL, 1323' FWL

FIGURE #3



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

LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE CORRIDOR RIGHT-OF-WAY SURVEY FOR

ELPASO E&P COMPANY, L.P.

LAYTON 4-2B3

SECTION 2, T2S, R3W, U.S.B.&M.

DUCHESNE COUNTY, UTAH

USE AREA BOUNDARY DESCRIPTION

Commencing at the Southwest Corner of Section 2, Township 2 South, Range 3 West of the Uintah Special Base and Meridian;
Thence North 38°55'28" East 1741.53 feet to the TRUE POINT OF BEGINNING;
Thence North 00°13'32" East 475.00 feet;
Thence South 89°46'28" East 475.00 feet;
Thence South 00°13'32" West 475.00 feet;
Thence North 89°46'28" 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 Sections 2 and 3, Township 2 South, Range 3 West of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows:
Commencing at the Southwest Corner of said Section 2;
Thence North 20°06'19" West 1386.41 feet to the TRUE POINT OF BEGINNING, said point being on the Northeast corner of the Elpaso E&P. Co. Seeley 4-3B3 well location use boundary;
Thence North 60°08'40" East 141.73;
Thence North 89°51'03" East 351.50 feet to the West line of said Section 2;
Thence North 89°51'03" East 891.38 feet;
Thence North 66°39'32" East 223.70 feet to the West line of the Elpaso E&P Co. Layton 4-2B3 well location use boundary. Said right-of-way being 1608.32 feet in length with the side lines being shortened or elongated to intersect said use boundaries.

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.

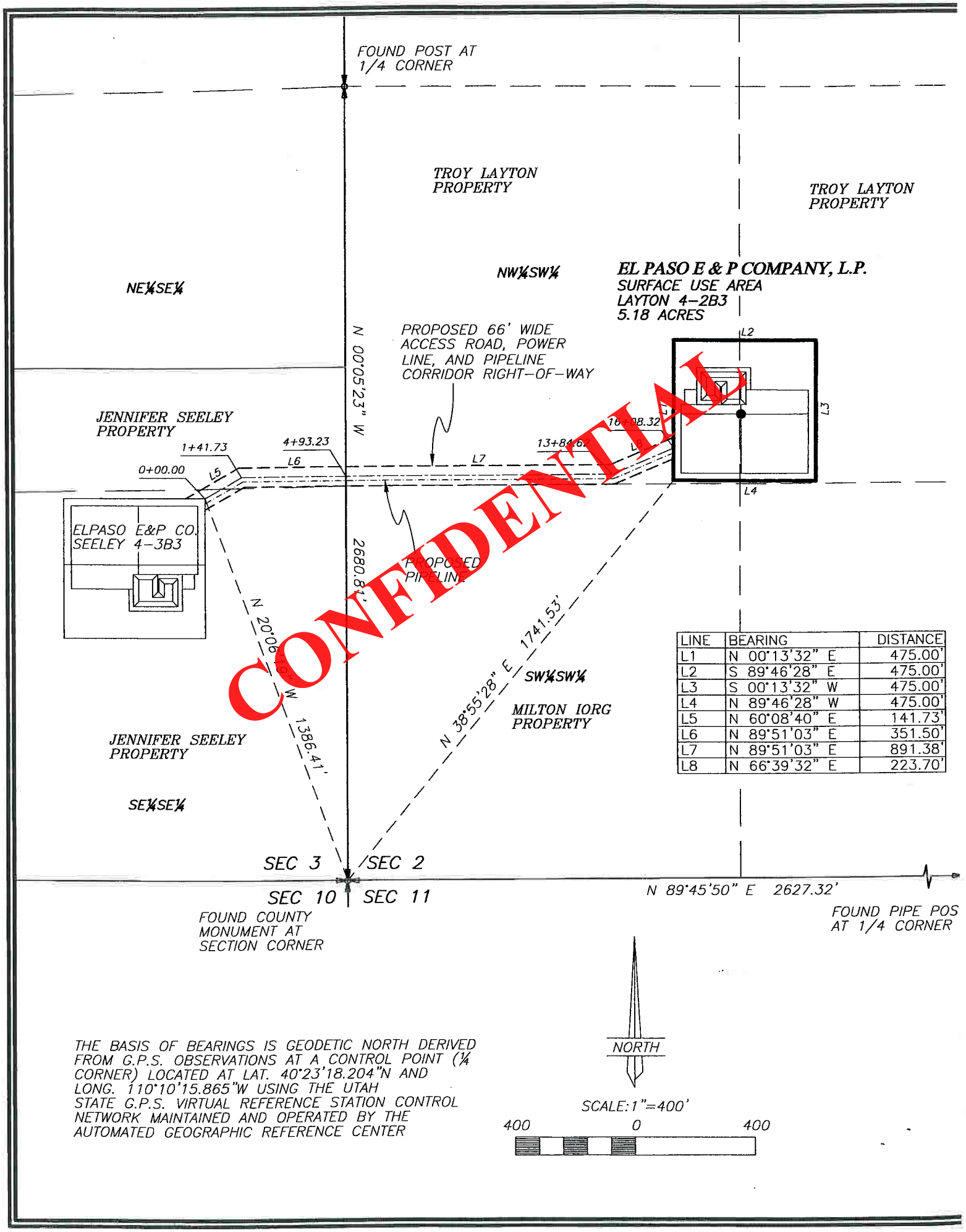
PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
23 Dec '10
STATE OF UTAH

Jerry D. Allred, Professional Land Surveyor,
Certificate 148951 (Utah)

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

REV 22 DEC 2010
16 NOV 2010 01-128-189

API Well Number: 43013513890000

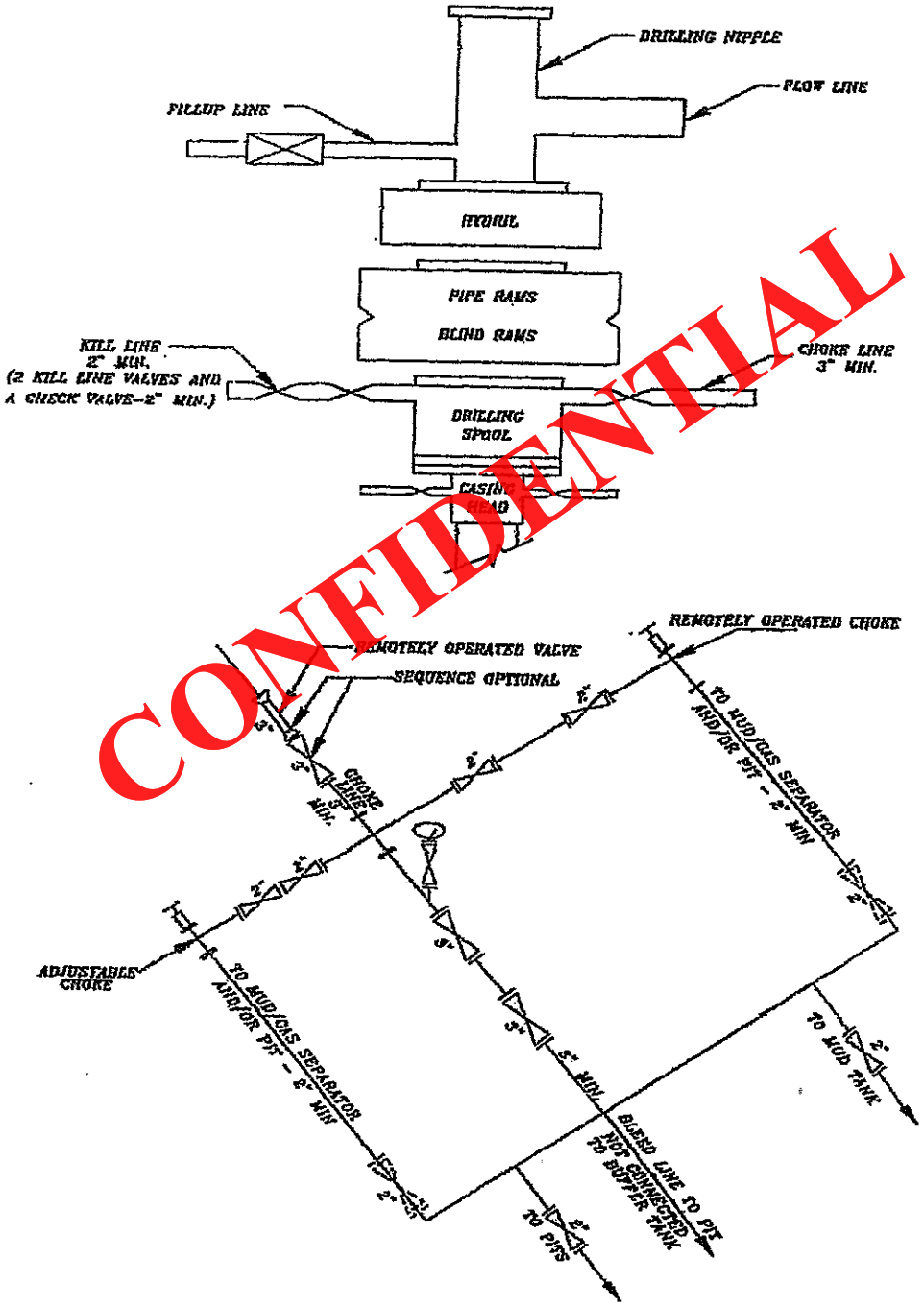


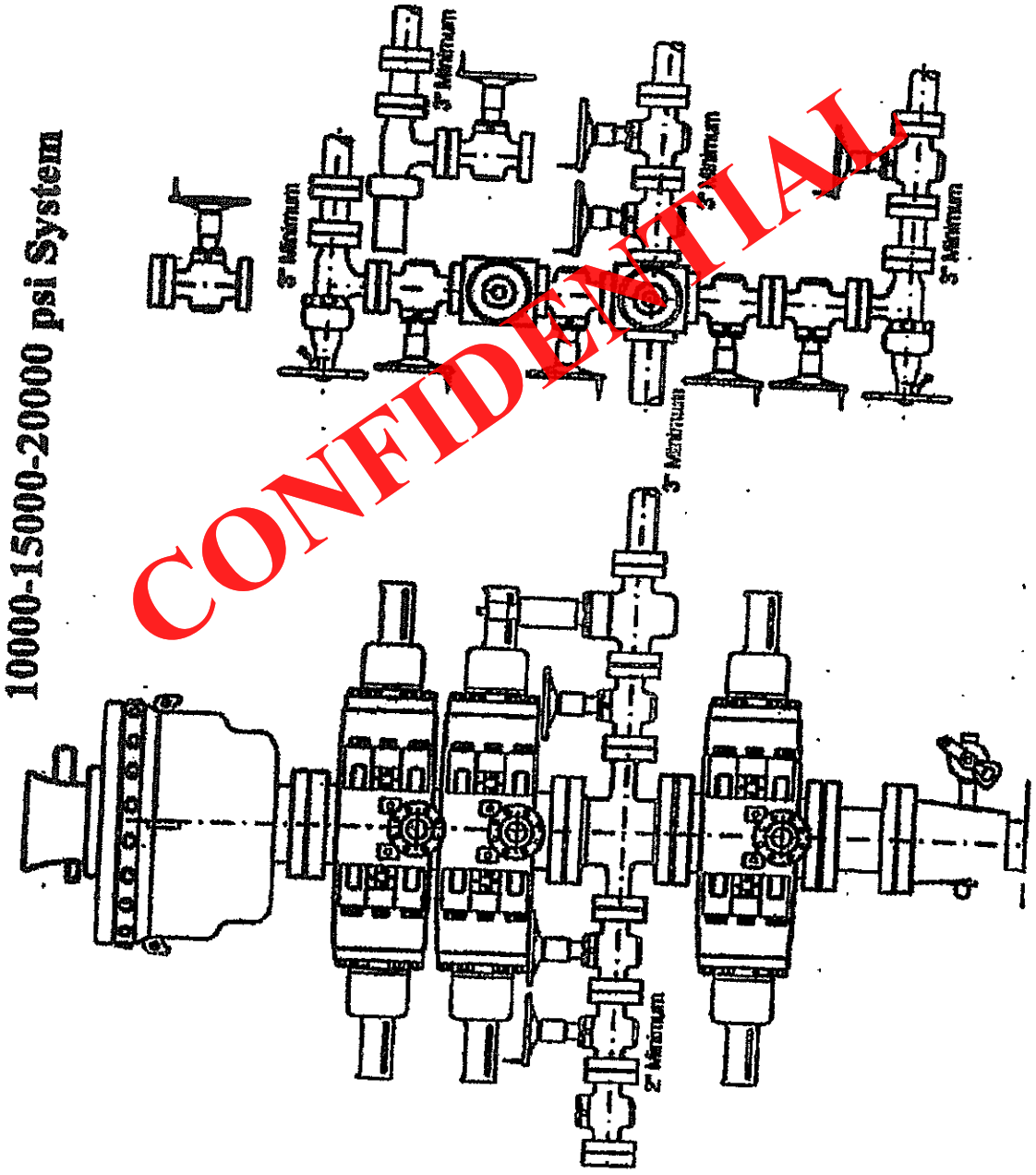
CONFIDENTIAL

LINE	BEARING	DISTANCE
L1	N 00°13'32" E	475.00'
L2	S 89°46'28" E	475.00'
L3	S 00°13'32" W	475.00'
L4	N 89°46'28" W	475.00'
L5	N 60°08'40" E	141.73'
L6	N 89°51'03" E	351.50'
L7	N 89°51'03" E	891.38'
L8	N 66°39'32" E	223.70'

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A CONTROL POINT (¼ CORNER) LOCATED AT LAT. 40°23'18.204"N AND LONG. 110°10'15.865"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

5M BOP STACK and CHOKE MANIFOLD SYSTEM





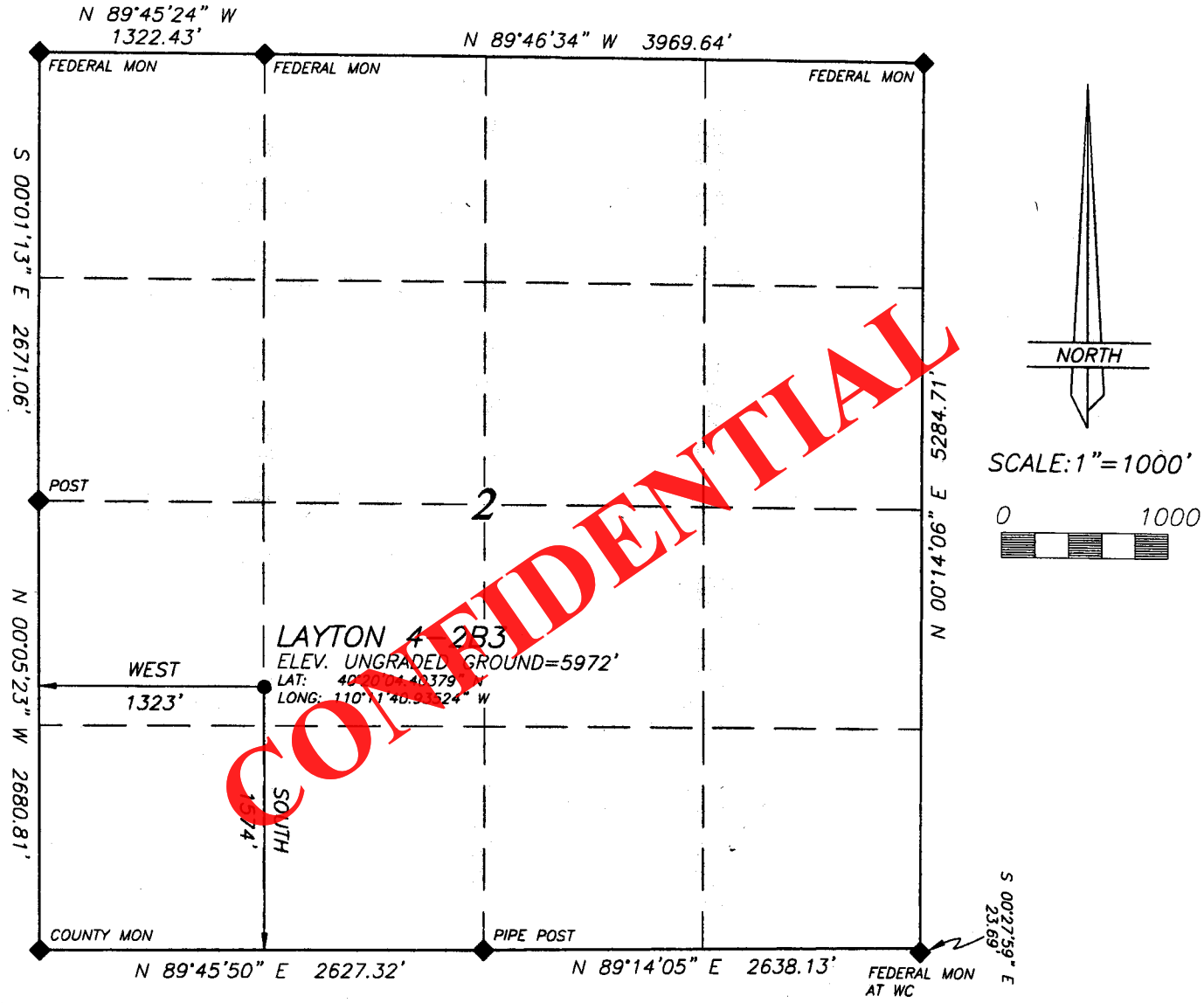
API Well Number: 43013513890000

EL PASO E & P COMPANY, L.P.

WELL LOCATION

LAYTON 4-2B3

LOCATED IN THE NE¼ OF THE SW¼ OF SECTION 2, T2S, R3W, U.S.B.&M. DUCHESNE COUNTY, 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 (¼ CORNER) LOCATED AT LAT. 40°23'18.204"N AND LONG. 110°10'15.865"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

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.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
16 Nov '10
STATE OF UTAH

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

16 NOV 2010 01-128-189

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
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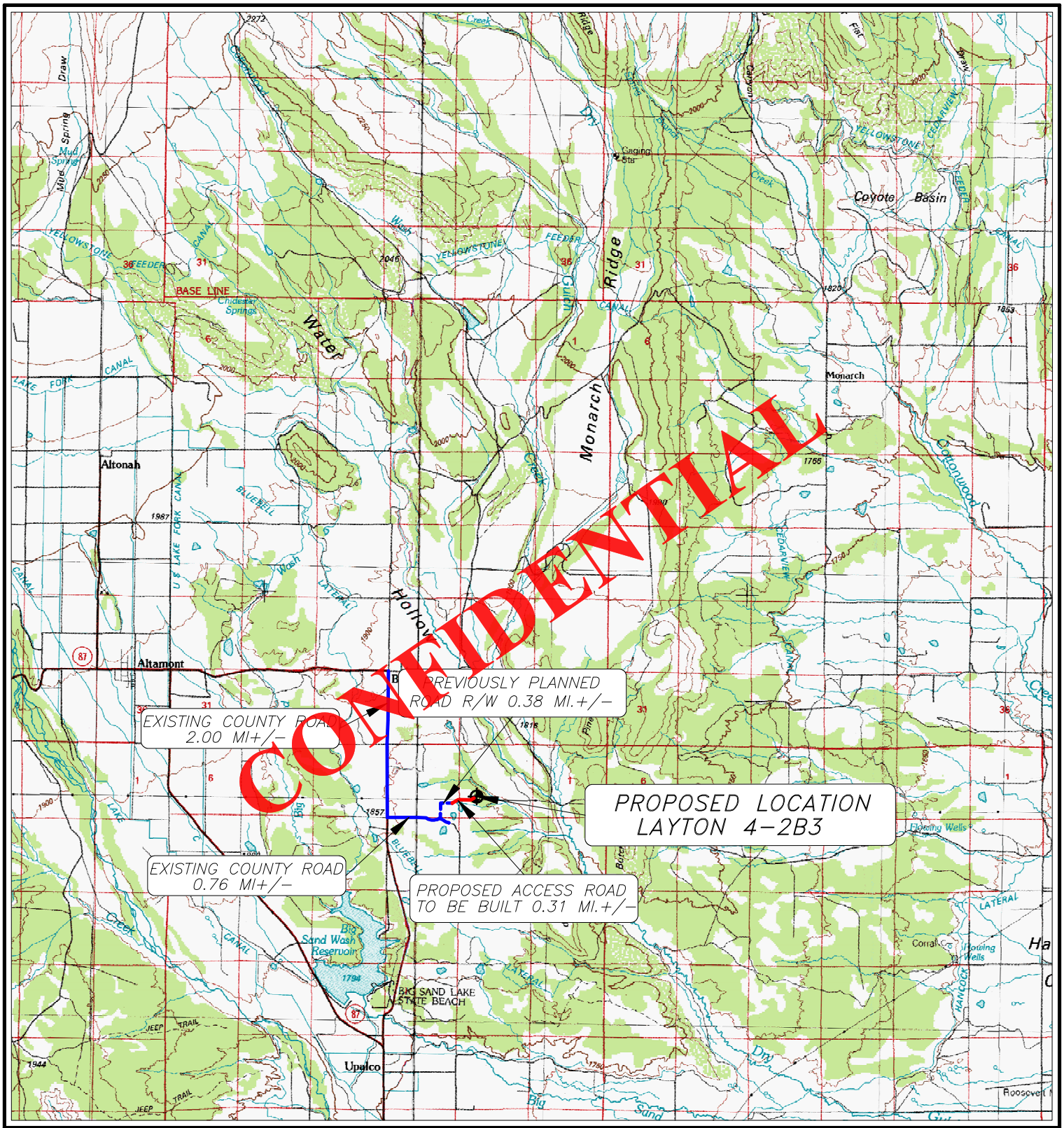

LEGEND:

◆ PROPOSED WELL LOCATION

EL PASO E & P COMPANY, L.P.

LAYTON 4-2B3

SECTION 2, T2S, R3W, U.S.B.&M.

1574' FSL 1323' FWL

01-128-189

JERRY D. ALLRED & ASSOCIATES
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NORTH

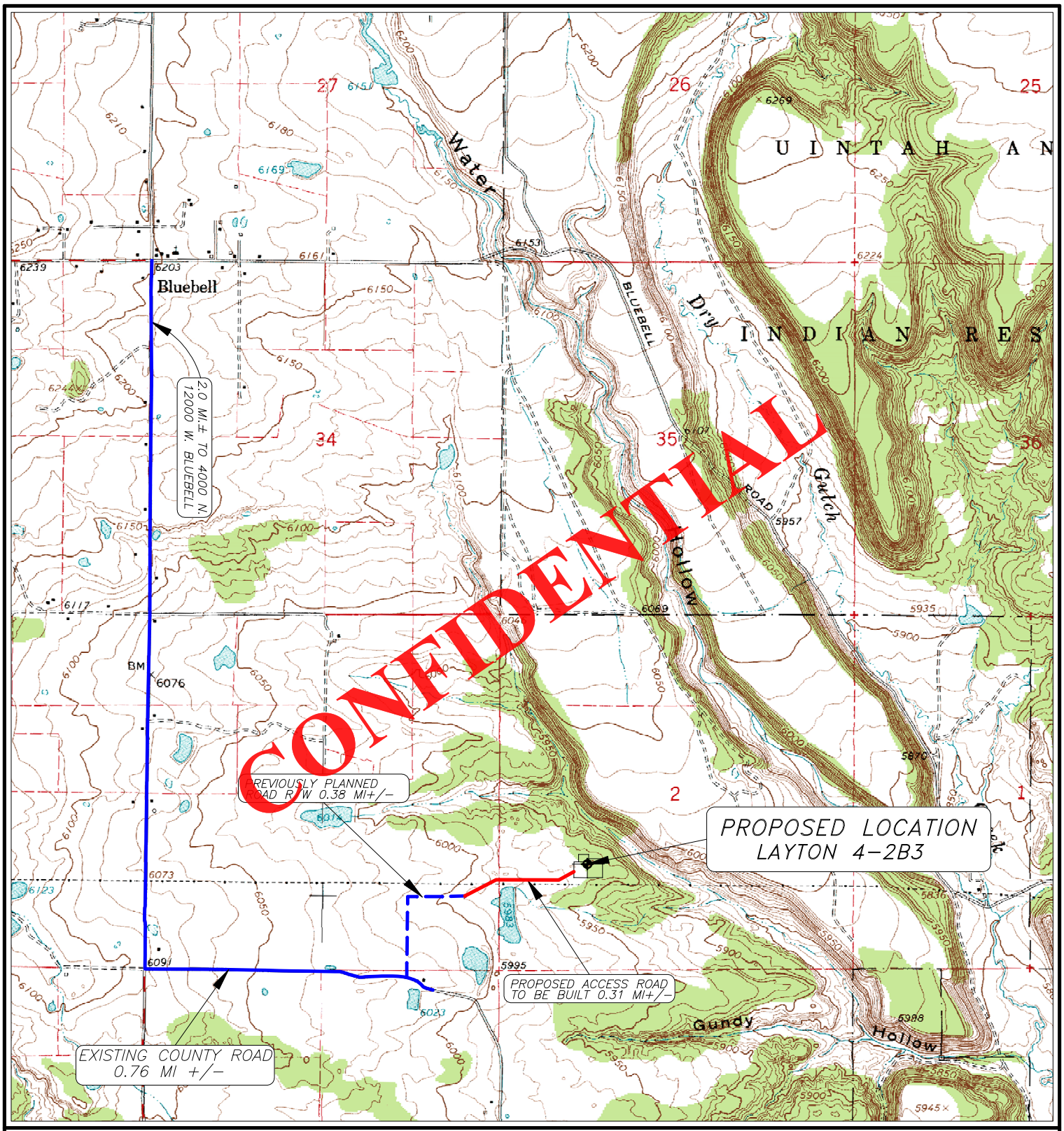
TOPOGRAPHIC MAP "A"

SCALE; 1"=10,000'

11 NOV 2010

RECEIVED: April 24, 2012

API Well Number: 43013513890000



LEGEND:

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

01-128-189

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

NORTH

EL PASO E & P COMPANY, L.P.

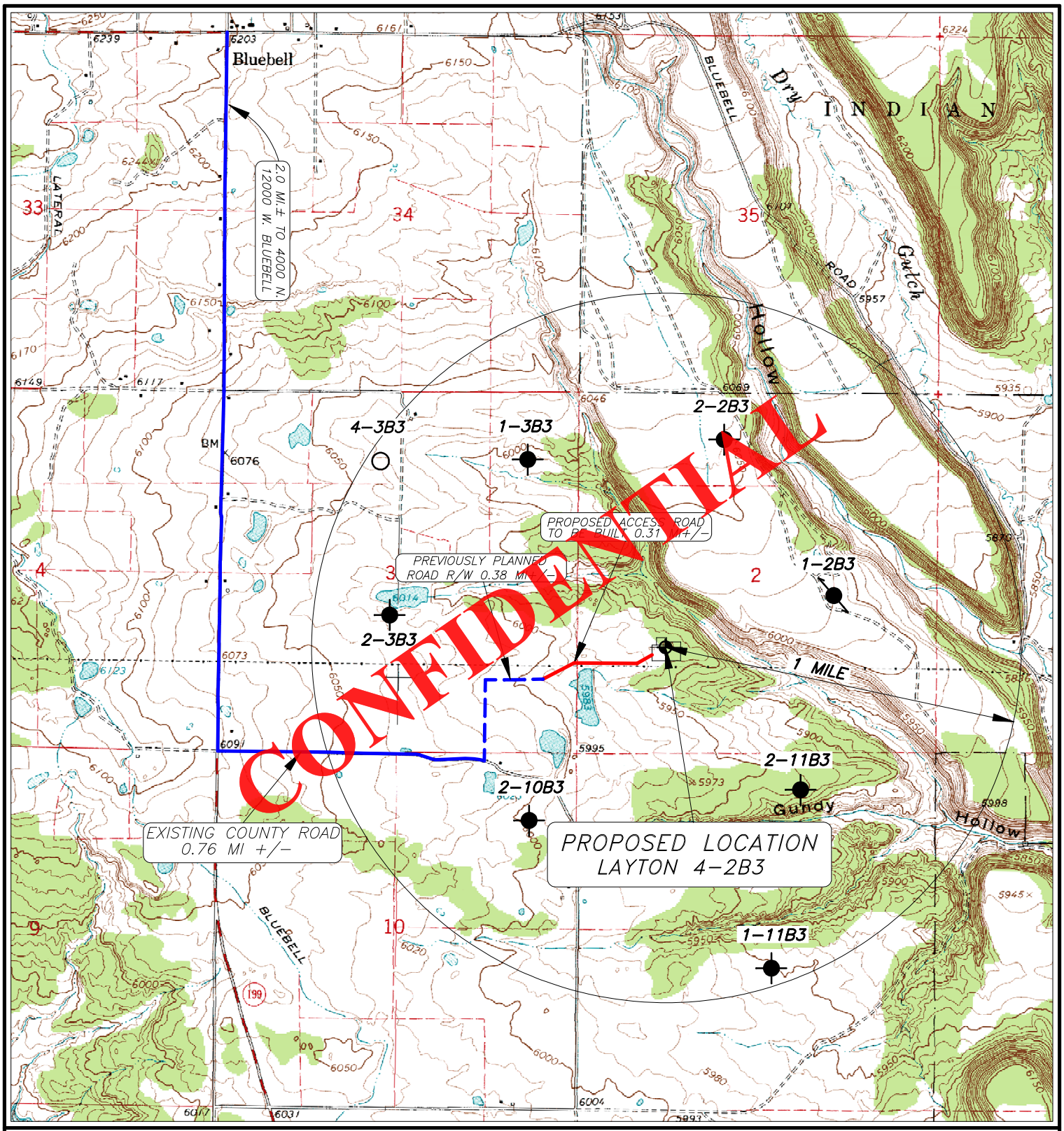
LAYTON 4-2B3
SECTION 2, T2S, R3W, U.S.B.&M.
1574' FSL 1323' FWL

TOPOGRAPHIC MAP "B"

SCALE; 1"=2000'
11 NOV 2010

RECEIVED: April 24, 2012

API Well Number: 43013513890000



LEGEND:

PROPOSED WELL LOCATION

2-25C6

OTHER WELLS AS LOCATED FROM SUPPLIED MAP

01-128-189

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NORTH

EL PASO E & P COMPANY, L.P.

LAYTON 4-2B3

SECTION 2, T2S, R3W, U.S.B.&M.

1574' FSL 1323' FWL

TOPOGRAPHIC MAP "C"

SCALE; 1"=2000'

11 NOV 2010

RECEIVED: April 24, 2012

AFFIDAVIT OF SURFACE DAMAGE AND RIGHT-OF-WAY AGREEMENTS

Byron Moos personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Byron Moos. I am an Independent Landman under contract with Transcontinent Oil Company acting as agent 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 Layton 4-2B3 well ("the Well") to be located in the N/2 of the SW/4 of Section 2, Township 2 South, Range 3 West, USM, Duchesne County, Utah (the "Drill site Location"). The surface owners of the Drill site location are Troy R. & Kimberley D. Layton, whose address is HC 65 Box 67, Bluebell, UT 84007 and whose telephone numbers are (435) 454-3369 - home and (435) 219-9070 - cell (the "Surface Owner").
3. El Paso and the Surface Owner have entered into a Damage Settlement and Release Agreement dated January 12, 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 January 12, 2011 for an access road, pipeline and power line corridor across the NW/4SW/4 of Section 2, Township 2 South, Range 3 West, USM, Duchesne County, Utah.

FURTHER AFFIANT SAYETH NOT.

Byron Moos

ACKNOWLEDGMENT

STATE OF UTAH §
§
COUNTY OF DUCHESNE §

This instrument was acknowledged before me on this the 1st day of March, 2012 by Byron Moos as a Landman acting as agent 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.

Notary Public in and for the State of Utah

Notary Public
BRADEN EMORY OAKS
Commission #610423
My Commission Expires
August 4, 2015
State of Utah

Application for Permit to Drill – State DOGM
Layton 4-2B3
Duchesne County, Utah

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 .31 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: 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 .31 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 place 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.

RECEIVED: April 24, 2012

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:**

Troy R. & Kimberley D. Layton
HC 65 Box 67
Bluebell, UT 84007
435.454.3369
435.219.9070 cell

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:**

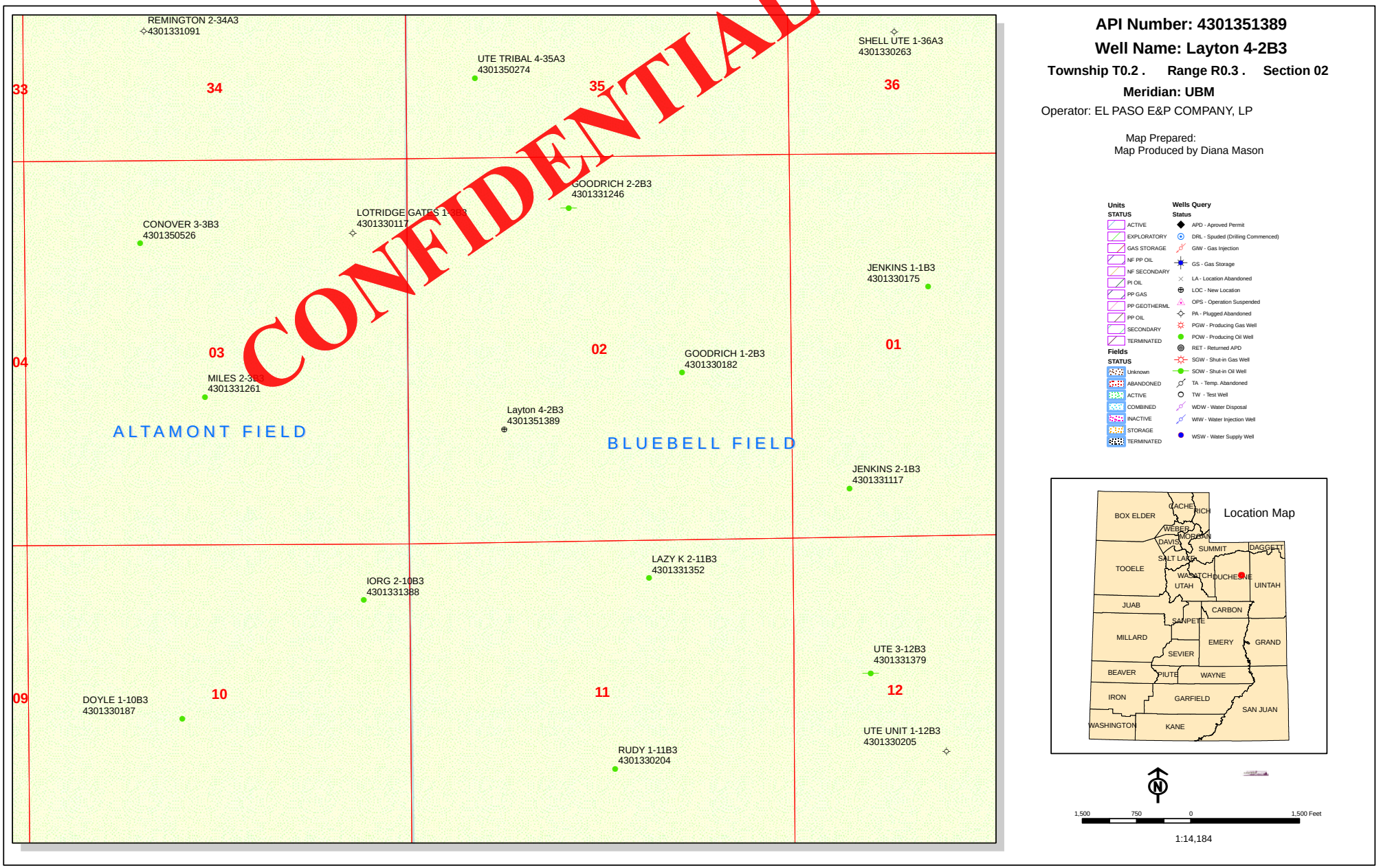
Construction and Reclamation:
El Paso E & P Company
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

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

RECEIVED: April 24, 2012

API Well Number: 43013513890000



API Number: 4301351389

Well Name: Layton 4-2B3

Township T0.2 . Range R0.3 . Section 02

Meridian: UBM

Operator: EL PASO E&P COMPANY, LP

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

Wells Query
Status
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

1,500 750 0 1,500 Feet

1:14,184

RECEIVED: April 25, 2012

API Well Number: 43013513890000

BOPE REVIEW EL PASO E&P COMPANY, LP Layton 4-2B3 43013513890000

Well Name	EL PASO E&P COMPANY, LP Layton 4-2B3 43013513890000			
String	Cond	Surf	I1	L1
Casing Size(")	13.375	9.625	7.000	4.500
Setting Depth (TVD)	1000	6000	10900	13900
Previous Shoe Setting Depth (TVD)	0	1000	6000	10900
Max Mud Weight (ppg)	9.5	9.5	11.0	14.0
BOPE Proposed (psi)	1000	1000	5000	10000
Casing Internal Yield (psi)	2730	5750	11220	12410
Operators Max Anticipated Pressure (psi)	10119			14.0

Calculations	**Cond String**	**13.375**	"	
Max BHP (psi)	.052*Setting Depth*MW=	494		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	374	YES	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	274	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	274	NO	OK
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=	2964		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2244	NO	WBM
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1644	NO	Common Practice in area, no expected pressures
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1864	NO	Reasonable
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=	6235		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	4927	YES	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	3837	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	5157	YES	OK
Required Casing/BOPE Test Pressure=		7854	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		5750	psi *Assumes 1psi/ft frac gradient	

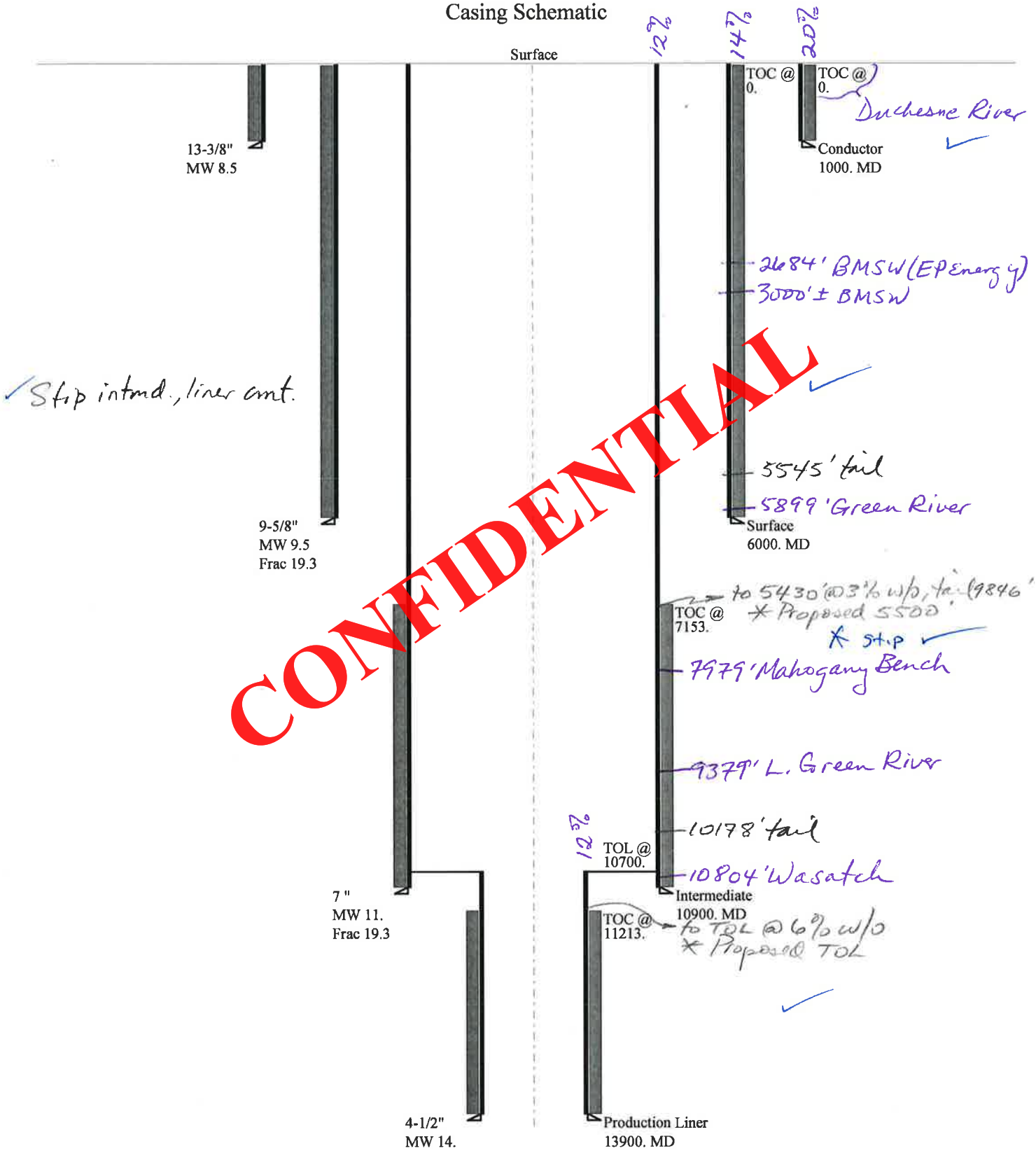
Calculations	**L1 String**	**4.500**	"	
Max BHP (psi)	.052*Setting Depth*MW=	10119		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	8451	YES	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	7061	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	9459	YES	
Required Casing/BOPE Test Pressure=		8687	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		10900	psi *Assumes 1psi/ft frac gradient	

RECEIVED: July 17, 2012

API Well Number: 43013513890000

43013513890000 Layton 4-2B3

Casing Schematic



API Well Number: 43013513890000

Well name:	**43013513890000 Layton 4-2B3**
Operator:	**EL PASO E & P COMPANY, LP**
String type:	Conductor
Project ID:	43-013-51389
Location:	DUCHESNE COUNTY

Design parameters:

Collapse

Mud weight:	8.500 ppg
Internal fluid density:	1.000 ppg

Burst

Max anticipated surface pressure:	322 psi
Internal gradient:	0.120 psi/ft
Calculated BHP	442 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

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

Tension is based on air weight.
Neutral point: 874 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	88 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	100 ft
Cement top:	0 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	1000	13.375	54.50	J-55	ST&C	1000	1000	12.49	12408

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	390	1130	2.900	442	2730	6.18	54.5	514	9.43 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: June 28,2012
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.5 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.

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

API Well Number: 43013513890000

Well name:	**43013513890000 Layton 4-2B3**
Operator:	**EL PASO E & P COMPANY, LP**
String type:	Surface
Project ID:	43-013-51389
Location:	DUCHESNE COUNTY

Design parameters:

Collapse

Mud weight:	9.500 ppg
Internal fluid density:	1.000 ppg

Burst

Max anticipated surface pressure:	3,831 psi
Internal gradient:	0.220 psi/ft
Calculated BHP	5,151 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

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

Tension is based on air weight.
Neutral point: 5,152 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	158 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	100 ft
Cement top:	Surface

Non-directional string.

Re subsequent strings:

Next setting depth:	10,900 ft
Next mud weight:	11.000 ppg
Next setting BHP:	6,229 psi
Fracture mud wt:	19.250 ppg
Fracture depth:	6,000 ft
Injection pressure:	6,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	6000	9.625	40.00	N-80	LT&C	6000	6000	8.75	76348

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	2649	3090	1.166	5151	5750	1.12	240	737	3.07 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: June 28,2012
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6000 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.

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

API Well Number: 43013513890000

Well name:	**43013513890000 Layton 4-2B3**
Operator:	**EL PASO E & P COMPANY, LP**
String type:	Intermediate
Project ID:	43-013-51389
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 11.000 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 7,051 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 9,449 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.00 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 9,085 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 227 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 7,153 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 13,900 ft
Next mud weight: 14.000 ppg
Next setting BHP: 10,109 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 10,900 ft
Injection pressure: 10,900 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	10900	7	29.00	HCP-110	LT&C	10900	10900	6.059	123089

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	6229	9200	1.477	9449	11220	1.19	316.1	797	2.52 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: June 28,2012
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 10900 ft, a mud weight of 11 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.

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

API Well Number: 43013513890000

Well name:	**43013513890000 Layton 4-2B3**
Operator:	**EL PASO E & P COMPANY, LP**
String type:	Production Liner
Project ID:	43-013-51389
Location:	DUCHESNE COUNTY

Design parameters:

Collapse

Mud weight:	14.000 ppg
Internal fluid density:	1.500 ppg

Burst

Max anticipated surface pressure:	7,051 psi
Internal gradient:	0.220 psi/ft
Calculated BHP	10,109 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

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

Tension is based on air weight.
Neutral point: 13,239 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	269 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,000 ft
Cement top:	11,213 ft
Liner top:	10,700 ft

Non-directional string.

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	3200	4.5	13.50	P-110	LT&C	13900	13900	3.795	17931

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	9026	10680	1.183	10109	12410	1.23	43.2	338	7.82 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: June 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 13900 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.

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

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator EP ENERGY E&P COMPANY, L.P.
Well Name Layton 4-2B3
API Number 43013513890000 **APD No** 5707 **Field/Unit** BLUEBELL
Location: 1/4,1/4 NESW **Sec** 2 **Tw** 2.0S **Rng** 3.0W 1574 FSL 1323 FWL
GPS Coord (UTM) 568400 4465206 **Surface Owner** Troy R. & Kimberley D. Layton

Participants

Troy Layton (surface owner); Dennis Ingram (DOGM); Jared Thacker (El Paso); Ryan Allred (Allred Surveying); David Allred (El Paso Landman); Heather Ivie (El Paso Land person)

Regional/Local Setting & Topography

This proposed well is set in the northern side of the Uintah Basin, in farmland a few miles southeast of Bluebell, Utah, which is located approximately 2.0 miles to the northwest. Gundy Hollow drains this immediate area to the southeast into Dry Gulch Creek, which also cuts through the country in a southwesterly direction. Irrigated or sprinkler pivot farmlands are found west and south of this site, but the immediate surface at the proposed location is undeveloped, pinion/juniper habitat with sagebrush ground cover and reddish blow sand across the surface. The surface at the proposed well pad does slope east and shows 4.7 feet of cut on the western side and 4.0 feet of fill at the eastern stakes.

Surface Use Plan

Current Surface Use
Deer Winter Range
Recreational

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.31	**Width** 342 **Length** 425	Onsite	DUCHR

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Pinion/juniper, sagebrush, prickly pear cactus and other plant life found at this elevation and typical of the Uintah Basin;

Potential mule deer, elk, mountain lion, coyote, raccoon, fox, rabbit, various hawk and eagle potential typical of this region and elevation.

Soil Type and Characteristics

Reddish blow sand with underlying sandstone ledges

Erosion Issues Y

Operator should seed slopes leaving location to prevent erosion and sediment down slope

RECEIVED: July 23, 2012

Sedimentation Issues Y

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Erosion Sedimentation Control Required? Y
Seeding

Paleo Survey Run? N **Paleo Potental 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)	300 to 1000	2	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	High permeability	20	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	27	1 Sensitivity Level

Characteristics / Requirements

Reserve pit is staked on the north side of location in cut, measuring 150' long by 110' wide by 12' deep with prevailing winds from the west.

Closed Loop Mud Required? **Liner Required?** Y **Liner Thickness** 20 **Pit Underlayment Required?**

Other Observations / Comments

The landowner didn't have any comments regarding the location surface because of the undeveloped pinion/juniper habitat where it is located. However, the access road runs across his pasture for cattle and has pivot points his sprinkler system. El Paso may well extend the new access road further north, then swing in from the northwest to the well site to stay away from the pivot system and buried water lines. Also a buried water line is present where the access road leaves the pavement and El Paso will move that tap.

Dennis Ingram	5/2/2012
Evaluator	**Date / Time**

RECEIVED: July 23, 2012

Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
5707	43013513890000	LOCKED	OW	P	No

Operator	EP ENERGY E&P COMPANY, L.P.	**Surface Owner-APD**	Troy R. & Kimberley D. Layton
Well Name	Layton 4-2B3	**Unit**	
Field	BLUEBELL	**Type of Work**	DRILL
Location	NESW 2 2S 3W U 1574 FSL 1323 FWL GPS Coord (UTM) 568400E 4465206N		

Geologic Statement of Basis

El Paso proposes to set 1,000 feet of conductor and 6,000 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 3,000 feet. A search of Division of Water Rights records indicates that there are 23 water wells within a 10,000 foot radius of the center of Section 2. Depth for these wells range from 30 to 300 feet. Three shallower wells probably produce water from alluvial deposits while the deeper wells probably produce water from the Duchesne River Formation. The wells are listed as being used for irrigation, stock watering,, and domestic use. Two wells are located within 1/2 mile of the proposed location and produce from depths of 112 and150 feet. The proposed drilling, casing and cement program should adequately protect the highly used Duchesne River aquifer.

Brad Hill	5/21/2012
APD Evaluator	**Date / Time**

Surface Statement of Basis

The Division scheduled a field visit to permit this well on May 2, 2012 to take input and address issues regarding the construction and drilling of this well. Troy Layton was shown as the landowner of record and was therefore invited to the presite meeting. Mr. Layton's concerns were directed at the access road because it runs north off a paved road through cattle pasture where sprinkler pivots are located. There is a landowner agreement in place and El Paso agreed to extend the access road further north before turning east into the well pad to stay away from the sprinkler pivot. A buried water tap may also need moved at the access and county roads meet to protect that line, and El Paso agreed to address that issue as well. The location pad is undeveloped pinion/juniper habitat and that location suits all parties.

The location surface is approximately five feet high in the center and will be cut to level and provide fill for the eastern side of the location. There aren't' t any drainage issues but a northern finger of Gundy Hollow runs southeasterly and is located approximately 700 feet northeast of the location surface. Adequate berming shall be done by the operator to assure the Division no fluids can leave the location. El Paso's drilling plans indicate they plan to utilize a 20 mil synthetic liner in all of their reserve pits, and will therefore need to follow that plan. The operator shall also construct any fencing and cattle guard issues they have promised in their landowner agreement.

RECEIVED: July 23, 2012

Dennis Ingram	5/2/2012
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils shall be properly installed and maintained in the reserve pit.
Pits	The reserve pit should be located on the north side of the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

RECEIVED: July 23, 2012

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 4/24/2012
API NO. ASSIGNED: 43013513890000
WELL NAME: Layton 4-2B3
OPERATOR: EP ENERGY E&P COMPANY, L.P. (N3850)
PHONE NUMBER:
CONTACT:

PROPOSED LOCATION: NESW 02 020S 030W
Permit Tech Review: ☑

SURFACE: 1574 FSL 1323 FWL
Engineering Review: ☑

BOTTOM: 1574 FSL 1323 FWL
Geology Review: ☑

COUNTY: DUCHESNE
LATITUDE: 40.33460
LONGITUDE: -110.19475
UTM SURF EASTINGS: 568400.00
NORTHINGS: 4465206.00
FIELD NAME: BLUEBELL
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/FEE - 400JU0708
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 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 - bhill
12 - Cement Volume (3) - hmacdonald
13 - Cement Volume Formation (3a) - hmacdonald

RECEIVED: July 23, 2012

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: Layton 4-2B3
API Well Number: 43013513890000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 7/23/2012

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

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-84. The expected producing formation or pool is the GREEN RIVER-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

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

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

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

Cement volume for the 4 1/2 production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 10700' TOL as indicated in the submitted drilling plan.

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 5500' MD in order to adequately isolate the Green River formation.

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:

For John Rogers
Associate Director, Oil & Gas

CONFIDENTIAL

Carol Daniels - Spud Notification T 02S R03W S02

From: "Garner, Wayne" <Wayne.Garner@EPEnergy.com>
To: Carol Daniels <caroldaniels@utah.gov>, Dennis Ingram <dennisingram@utah....
Date: 8/20/2012 2:33 PM
Subject: Spud Notification
CC: "Cawthorn, Joseph W" <Joseph.Cawthorn@EPEnergy.com>, "Gomez, Maria S" <M...

Carol, we are planning to spud the Layton 4-2B3 API # 43013513890000 on 8/22/12 with Pete Martin Drilling. WG

EP Energy
Wayne Garner
P.O. Box 120
Altamont, Utah 84001
435-454-4236 Cell 435-823-1490

RECEIVED
AUG 2 1 2012
DIV. OF OIL, GAS & MINING

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
city Houston
state TX zip 77002
Phone Number: (713) 997-5038

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301351389	Layton 4-2B3		NESW	2	2S	3W	Duchesne
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	new	18692	8/22/2012			8/28/12	
Comments: GR-WS			CONFIDENTIAL				

Well 2

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

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)

RECEIVED
AUG 22 2012
Div. of Oil, Gas & Mining

Maria S. Gomez
Name (Please Print)
Maria S. Gomez
Signature
Principal Regulatory Analyst
Title
8/22/2012
Date

(5/2000)

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
LAYTON 4-2B3

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013513890000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
BLUEBELL

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1574 FSL 1323 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NESW Section: 02 Township: 02.0S Range: 03.0W 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 11/26/2012	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		11/26/2012

RECEIVED: Nov. 26, 2012

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	LAYTON 4-2B3		
Project	ALTAMONT FIELD	**Site**	LAYTON 4-2B3
Rig Name/No.	PRECISION DRILLING/406	**Event**	DRILLING LAND
Start Date	9/20/2012	**End Date**	
Spud Date/Time	9/22/2012	**UWI**	LAYTON 4-2B3
Active Datum	KB @5,989.0ft (above Mean Sea Level)		
Afe No./Description	148799/46335 / LAYTON 4-2B3		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
8/22/2012	17:00	18:45	1.75	DPDCOND	07		P	840.0	DRILLING FROM 840' TO 885'. HOLE MAKING TOO MUCH WATER
	18:45	19:00	0.25	DPDCOND	15		P	885.0	CIRCULATE
	19:00	22:00	3.00	DPDCOND	13		P	885.0	TRIP TO CHANGE BITS
	22:00	6:00	8.00	DPDCOND	65		N	885.0	BRING EQUIPMENT FROM TOWN TO DRILL WITH MIST
	4:45	17:00		DPDCOND	07		P	40.0	DRILLING FROM 40' TO 840'
8/23/2012	6:00	9:00	3.00	DPDCOND	13		P	885.0	TRIP TO INSTALL CROWS FOOT IN BIT
	9:00	12:30	3.50	DPDCOND	16		P	885.0	WASH AND REAM TO BOTTOM
	12:30	22:00	9.50	DPDCOND	07		P	885.0	DRILLING FROM 885' TO 1040'
	18:00	20:00	2.00	MIRU	01		P	0.0	MOVE IN , RIG UP.
	22:00	1:15	3.25	DPDCOND	13		P	1,040.0	DROP SURVEY AND TRIP OUT OF HOLE
	1:15	4:15	3.00	CASCOND			P	1,040.0	RIG UP AND RUN CASING
	4:15	6:30		CASCOND	25		P	1,040.0	CEMENT WITH 1125 SACKS (230 BBLS, 1.15 YIELD, 5 GAL / SK WATER) CIRCULATED 40 BBLS OF CEMENT TO SURFACE.
9/20/2012	6:00	6:00	24.00	MIRU	01		P	1,040.0	MOVE IN RIG UP. 100% MOVED, 10% RIGGED UP
9/21/2012	6:00	23:00	17.00	MIRU	01		P	1,040.0	RIGGING UP, RAISE DERRICK
	23:00	6:00	7.00	MIRU	01		P	1,040.0	RIG UP TOP DRIVE, 95% RIGGED UP
9/22/2012	6:00	7:30	1.50	MIRU	01		P	1,040.0	RIG UP 100%
	7:30	13:30	6.00	CASCOND	28		P	1,040.0	NIPPLE UP DIVERTER STACK AND FLARE LINES.
	13:30	21:00	7.50	CASCOND	19		P	1,040.0	PJSM WITH TESTERS AND PRESSURE TEST DIVERTER STACK. PRESSURE TEST ANNULAR, HCR VALVEMANUAL VALVES, CHOKE AND KILL LINES 250 LOW / 3000 HIGH, EACH TEST 10 MINUTES.
	21:00	0:00	3.00	DRLSURF	14		P	1,040.0	PICK UP BHA
	0:00	1:00	1.00	DRLSURF	31		P	1,040.0	PRESSURE TEST CASING 1000 PSI / 30 MINUTES. OK
	1:00	2:30	1.50	DRLSURF	42		P	1,040.0	DRILLING FLOAT COLLAR, CEMENT , AND FLOAT SHOE
	2:30	3:00	0.50	DRLSURF	33		P	1,040.0	DRILL 10' OF NEW HOLE, PERFORM F.I.T. 9.1 MUD WEIGHT 184 PSI ADDED SURFACE PRESSURE. EMW 12.5 PPG.
	3:00	3:30	0.50	DRLSURF	42		P	1,050.0	CHANGE SHAKER SCREENS
	3:30	6:00	2.50	DRLSURF	07		P	1,050.0	DRILLING FROM 1050' TO 1300'
9/23/2012	6:00	7:30	1.50	DRLSURF	07		P	1,300.0	DRILLING FROM 1300' TO 1481'
	7:30	9:00	1.50	DRLSURF	45		N	1,481.0	TROUBLESHOOT TRACTION MOTOR ON #1 PUMP
	9:00	16:30	7.50	DRLSURF	07		P	1,481.0	DRILLING FROM 1481' TO 1700' (DRILLING WITH 1 PUMP)
	16:30	17:00	0.50	DRLSURF	12		P	1,700.0	RIG SERVICE

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	17:00	23:30	6.50	DRLSURF	07		P	1,700.0	DRILLING FROM 1700' TO 2258' (BOTH PUMPS ON THE HOLE @ 1900')
	23:30	0:00	0.50	DRLSURF	12		P	2,258.0	RIG SERVICE
	0:00	4:00	4.00	DRLSURF	07		P	2,258.0	DRILLING FROM 2258' TO 2632'
	4:00	4:30	0.50	DRLSURF	11		P	2,632.0	WIRELINE SURVEY
	4:30	6:00	1.50	DRLSURF	07		P	2,632.0	DRILLING FROM 2632' TO 2800'
9/24/2012	6:00	13:00	7.00	DRLSURF	07		P	2,800.0	DRILLING FROM 2800' TO 3283'
	13:00	13:30	0.50	DRLSURF	11		P	3,283.0	SURVEY AT 3,217'. 1.69 DEGREE.
	13:30	14:00	0.50	DRLSURF	12		P	3,283.0	RIG SERVICE
	14:00	6:00	16.00	DRLSURF	07		P	3,283.0	DRILLING FROM 3283' TO 4,215'.
9/25/2012	6:00	16:30	10.50	DRLSURF	07		P	4,215.0	DRILLING FROM 4215' TO 4,652'.
	16:30	17:00	0.50	DRLSURF	11		P	4,652.0	SURVEY AT 4,615'. 0.70 DEGREE.
	17:00	19:00	2.00	DRLSURF	07		P	4,652.0	DRILLING FROM 4652' TO 4,775'.
	19:00	19:30	0.50	DRLSURF	12		P	4,775.0	RIG SERVICE.
	19:30	6:00	10.50	DRLSURF	07		P	4,775.0	DRILLING FROM 4,775' - 5,231'.
9/26/2012	6:00	12:00	6.00	DRLSURF	07		P	5,213.0	DRILLING FROM 5213' TO 5305'
	12:00	0:30	12.50	DRLSURF	13		P	5,305.0	TRIP FOR BIT #2 BACK REAMING TO SURFACE. LAY DOWN MOTOR AND BIT.
	0:30	3:30	3.00	DRLSURF	13		P	5,305.0	MAKE UP NEW MOTOR, BIT, AND MONEL DC. TIH.
	3:30	6:00	2.50	DRLSURF	16		N	5,305.0	WASH & REAM FROM 5,075' - 5,305'.
9/27/2012	6:00	17:30	11.50	DRLSURF	07		P	5,305.0	DRILLED 5,305' TO 5,736'.
	17:30	18:00	0.50	DRLSURF	12		P	5,736.0	SERVICED RIG AND TOP DRIVE.
	18:00	4:00	10.00	DRLSURF	07		P	5,736.0	DRILLED 5,736' TO 5,820'.
	4:00	5:00	1.00	DRLSURF	15		P	5,820.0	C & C MUD. BUILT & HELD SLUG.
	5:00	6:00	1.00	DRLSURF	13		P	5,820.0	BACK-REAMED 5 STANDS OUT. PUMPED SLUG.
9/28/2012	6:00	10:00	4.00	DRLSURF	13		P	5,820.0	TOOH TO SHOE. TIH.
	10:00	11:30	1.50	DRLSURF	15		P	5,820.0	C & C 9.6 WBM.
	11:30	15:00	3.50	DRLSURF	13		P	5,820.0	TOOH TO DCs.
	15:00	17:30	2.50	DRLSURF	14		P	5,820.0	PJSM. LD DRILL COLLARS, SS, MM & BIT.
	17:30	18:00	0.50	CASSURF	24		P	5,820.0	CLEANED DRILL FLOOR. SERVICED RIG.
	18:00	21:00	3.00	CASSURF	24		P	5,820.0	PJSM. RU FRANK'S WESTATES' CASING TOOLS & FILL-UP TOOL.
	21:00	6:00	9.00	CASSURF	24		P	5,820.0	PJSM. PUMU 9 5/8", 40#, N-80, LTC FLOAT SHOE, 1 JOINT, FLOAT COLLAR. STAGED-IN-HOLE WITH 9 5/8", 40#, N-80, LTC SURFACE CASING. CBU AT 2,000' INTERVALS.
9/29/2012	6:00	7:00	1.00	CASSURF	24		P	5,820.0	RAN 9 5'8" CASING TO 5,820' SCP.
	7:00	9:30	2.50	CASSURF	15		P	5,820.0	RD FILL-UP TOOL. MU HALLIBURTON HEAD. C & C MUD FOR CEMENT JOB. HELD PJSM.
	9:30	13:00	3.50	CASSURF	25		P	5,820.0	TESTED P & L TO 5,000 PSI. PUMPED 100 BBLS FW SPACER. M & P 531BBLS / 940 SKS LEAD SLURRY AT 3.17 YIELD & 11.0 PPG. M & P 45 BBLS / 190 SKS TAIL SLURRY AT 1.33 YIELD & 14.2 PPG. RELEASED PLUG. DISPLACED WITH 420 BBLS 9.5 PPG WBM & 18 BBLS FW. PLUG DOWN @ 1310 HRS, 09/28/2012 WITH 1,100 PSI. FLOATS HELD, FLOWED BACK 2 BBLS. PARTIAL RETURNS TOWARD END OF JOB. RECOVERED 60 BBLS OF CEMENT BACK TO SURFACE. SHOE AT 5,820'.
	13:00	15:00	2.00	CASSURF	26		P	5,820.0	RD HALLIBURTON CEMENT HEAD. RAN 200' OF 1" TUBING FOR TOP JOB.
	15:00	16:00	1.00	CASSURF	25		P	5,820.0	TOPPED OUT WITH 21 BBLS OF 100 SKS AT 1.17 YIELD & 15.8 CLASS G CEMENT PLUS 2% CACL2. RD HALLIBURTON.
	16:00	19:30	3.50	CASSURF	29		P	5,820.0	ND DIVERTER WHILE CLEANED MUD PITS.
	19:30	1:00	5.50	CASSURF	27		P	5,820.0	CUT OFF 13 3/8" WELL HEAD & 9 5/8" CASING. WELDED 11" 5M WELL HEAD. TESTED WELD TO 2,000 PSI.
	1:00	6:00	5.00	CASSURF	28		P	5,820.0	NU BOPE WHILE CLEANED MUD PITS.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
9/30/2012	6:00	9:30	3.50	CASSURF	28		P	5,820.0	FINISHED NU 11" 10M BOPE.
	9:30	20:30	11.00	CASSURF	30		P	5,820.0	TESTED CHOKE LINE, INNER & OUTER CHOKE LINE VALVES TO 300 PSI LOW & 5,000 PSI HIGH. PRESSURE TESTED UPPER & LOWER PIPE RAMS, BOTH INNER, OUTER KILL LINE VALVES, MANUAL, BLIND RAMS, CHOKE VALVE & HYDRAULIC VALVES ON TOP DRIVE TO 300 PSI LOW & 5000 PSI HIGH FOR 10 MIN. EACH. TESTED ANNULAR TO 300 PSI LOW AND 2,500 PSI HIGH FOR 10 MINUTES. TESTED CASING TO 2,500 PSI FOR 30 MIN. REPLACED PUMP LINERS & SWABS.
	20:30	21:30	1.00	CASSURF	28		P	5,820.0	NU ROTATING HEAD & FLOW LINE.
	21:30	22:30	1.00	CASSURF	17		P	5,820.0	CUT 142' OF DRILL LINE.
	22:30	0:00	1.50	CASSURF	14		P	5,820.0	PJSM. PUMU RYAN'S 1.5 MM & MWD STEERABLE ASSY.
	0:00	1:30	1.50	CASSURF	14		P	5,820.0	PICK UP 16 X 6 1/4" DRILL COLLARS.
	1:30	3:30	2.00	CASSURF	13		P	5,820.0	TIH TO 5,771'. FILLED DP @ 2,800'.
	3:30	5:00	1.50	CASSURF	32		P	5,820.0	DRILLED FLOAT EQUIPMENT & CEMENT TO SHOE AT 5,820'. DRILLED 10' OF NH TO 5,830'.
	5:00	6:00	1.00	DRLINT1	08		P	5,830.0	C & C MUD. PERFORMED F.I.T.
10/1/2012	6:00	6:30	0.50	DRLINT1	08		P	5,830.0	DRILLED 5,830' TO 5,871'.
	6:30	8:30	2.00	DRLINT1	11		P	5,871.0	RU & RAN VAUGHN'S GYRO SURVEY.
	8:30	14:00	5.50	DRLINT1	08		P	5,871.0	DRILLED 5,871' TO 6,088'.
	14:00	14:30	0.50	DRLINT1	12		P	6,088.0	SERVICED RIG AND TOP DRIVE.
	14:30	6:00	15.50	DRLINT1	08		P	6,088.0	DRILLED 6,088' TO 6,900'.
10/2/2012	6:00	6:30	0.50	DRLINT1	08		P	6,900.0	DRILLED 6,900' TO 6,925'.
	6:30	7:00	0.50	DRLINT1	12		P	6,925.0	SERVICED RIG AND TOP DRIVE.
	7:00	6:00	23.00	DRLINT1	08		P	6,925.0	DRILLED 6,925' TO 7,773'.
10/3/2012	6:00	14:00	8.00	DRLINT1	08		P	7,773.0	DRILLED 7,773' TO 8,044'.
	14:00	14:30	0.50	DRLINT1	12		P	8,044.0	SERVICED RIG AND TOP DRIVE.
	14:30	3:00	12.50	DRLINT1	08		P	8,044.0	DRILLED 8,044' TO 8,326'.
	3:00	3:30	0.50	DRLINT1	15		P	8,326.0	PUMP PRESSURE ERRATIC. C & C MUD WHILE MIXING SLUG.
	3:30	6:00	2.50	DRLINT1	13		P	8,326.0	TOOH FOR BIT & MM. HOLE SLICK.
10/4/2012	6:00	9:30	3.50	DRLINT1	13		N	8,326.0	TOOH. MUD MOTOR PARTED AT CV JOINT. TOF AT 8,316'.
	9:30	13:00	3.50	DRLINT1	53		N	8,326.0	ORDERED FISHING TOOLS. LD RYAN'S BHA, PREP FOR FISHING WHILE WAITING ON TOOLS.
	13:00	19:00	6.00	DRLINT1	53		N	8,326.0	PUMU SLAUGH'S 8 1/8" BOWEN OVERSHOT LOADED WITH 6 3/4" SPIRAL GRAPPLE, PUMP-OUT SUB, BUMPER SUB, & DRLG JAR. TIH NEAR TOF AT 8,316'.
	19:00	20:00	1.00	DRLINT1	53		N	8,326.0	C & C MUD. ENGAGED PARTED MUD MOTOR.
	20:00	3:00	7.00	DRLINT1	53		N	8,326.0	PUMPED SLUG & SLOWLY TOOH.
	3:00	4:30	1.50	DRLINT1	53		N	8,326.0	LD FISH & FISHING TOOLS. 100% RECOVERY.
	4:30	6:00	1.50	DRLINT1	14		P	8,326.0	PUMU BHA. TIH WITH BIT 4.
10/5/2012	6:00	11:30	5.50	DRLINT1	13		P	8,326.0	TIH. TIGHT SPOT AT 7,960'.
	11:30	16:00	4.50	DRLINT1	08		P	8,326.0	DRILLED 8,326' TO 8,510'.
	16:00	16:30	0.50	DRLINT1	12		P	8,510.0	SERVICED RIG AND TOP DRIVE.
	16:30	6:00	13.50	DRLINT1	08		P	8,510.0	DRILLED 8,510' TO 9,050'.
10/6/2012	6:00	15:00	9.00	DRLINT1	08		P	9,050.0	DRILLED 9,050' TO 9,255'.
	15:00	15:30	0.50	DRLINT1	12		P	9,255.0	SERVICED RIG AND TOP DRIVE.
	15:30	6:00	14.50	DRLINT1	08		P	9,255.0	DRILLED 9,255' TO 9,569'.
10/7/2012	6:00	14:30	8.50	DRLINT1	08		P	9,569.0	DRILLED 9,569' TO 9,906'.
	14:30	15:00	0.50	DRLINT1	12		P	9,906.0	SERVICED RIG AND TOP DRIVE.
	15:00	6:00	15.00	DRLINT1	08		P	9,906.0	DRILLED 9,906' TO 10,700'.
10/8/2012	6:00	8:30	2.50	DRLINT1	07		P	10,700.0	DRILLED 10,700 - 10,830' ICP.
	8:30	11:30	3.00	DRLINT1	15		P	10,830.0	C & C 11.3 WBM.
	11:30	15:00	3.50	DRLINT1	13		P	10,830.0	TOOH TO SHOE. NUMEROUS TIGHT SPOTS.
	15:00	16:30	1.50	DRLINT1	12		P	10,830.0	CUT & SLIPPED DRILL LINE.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	16:30	20:00	3.50	DRLINT1	13		P	10,830.0	TIH SLOWLY. FILLED DP HALFWAY IN.
	20:00	0:00	4.00	DRLINT1	15		P	10,830.0	C & C WBM. 20' FLARE, INCREASED MW TO 11.6 PPG.
	0:00	6:00	6.00	DRLINT1	13		P	10,830.0	TOOH. HOLE SLICK. FILL-UPS SUFFICIENT.
10/9/2012	6:00	10:00	4.00	CASINT1	13		N	10,830.0	FINISHED TOOH. LD RYAN'S BHA. WELL FLOW AT 30 SECONDS PER QUART.
	10:00	16:00	6.00	CASINT1	13		N	10,830.0	TIH WITH RERUN BIT. FILLED AT 3,500' INTERVALS.
	16:00	19:00	3.00	CASINT1	15		N	10,830.0	CIRC GAS OUT, INCREASED MW TO 11.9 PPG, 2 X 10' FLARES, 5960 GAS.
	19:00	22:00	3.00	CASINT1	15		N	10,830.0	STOPPED PUMPS FOR 30 MINUTES. CIRC GAS OUT, 1' FLARE, 5556 GAS, MC TO 11.6. INCREASED LCM.
	22:00	1:30	3.50	CASINT1	15		N	10,830.0	C & C MUD, INCREASED MW TO 12.1 PPG, 2527 GAS, MC TO 11.9.
	1:30	5:30	4.00	CASINT1	15		N	10,830.0	C & C MUD, INCREASED MW TO 12.3 PPG, 1400 GAS, MC TO 11.9. INCREASED LCM.
	5:30	6:00	0.50	CASINT1	13		N	10,830.0	LOSING MUD AT REDUCED PUMP RATE. PUMPED SLUG. BEGAN TOOH TO LOG.
10/10/2012	6:00	13:30	7.50	CASINT1	13		N	10,830.0	TOOH TO LOG. HOLE SLICK. FILL-UPS SUFFICIENT.
	13:30	18:30	5.00	EVLINT1	22		P	10,830.0	RU HES' ELU TRUCK. RAN QUAD-COMBO TO 10,833' WLM. MAX BHT=183F.
	18:30	23:00	4.50	CASINT1	13		P	10,830.0	TIH SLOWLY WITH RERUN BIT TO 5,624'.
	23:00	1:30	2.50	CASINT1	17		P	10,830.0	C & C MUD @ 5,624' WHILE SLIP AND CUT DRILL LINE.
	1:30	2:30	1.00	CASINT1	13		P	10,830.0	TIH SLOWLY TO 8,624'.
	2:30	6:00	3.50	CASINT1	15		P	10,830.0	C & C MUD.
10/11/2012	6:00	6:30	0.50	CASINT1	13		P	10,830.0	TRIP IN HOLE TO 10,830'
	6:30	21:00	14.50	CASINT1	15		P	10,830.0	CIRCULATE AND CONDITION MUD. RAISE MUD WEIGHT TO 12.6 PPG
	21:00	6:00	9.00	CASINT1	14		P	10,830.0	SM. SLUG & LAY DOWN DRILL STRING.
10/12/2012	6:00	9:00	3.00	CASINT1	14		P	10,830.0	LAY DOWN DRILL PIPE AND BHA (FLOW CHECK AT BHA (NO FLOW)
	9:00	11:30	2.50	CASINT1	24		P	10,830.0	RIG UP CASING CREW
	11:30	6:00	18.50	CASINT1	24		P	10,830.0	PJSM. RUN 7" CASING. RAN FLOAT SHOE, 1 JOINT OF 7" 29# P-110 LTC CASING, FLOAT COLLAR. (MARKER JOINT AT 9000') CIRCULATE BOTTOMS UP AT 3,500', 5,820', 6,800'. RUNNING CSG @ 7,800'.
10/13/2012	6:00	16:30	10.50	CASINT1	24		P	10,830.0	RUNNING 7" CASING, CIRCULATE BOTTOMS UP AT 7875', 8850, 9875, AND 10,830'.
	16:30	17:00	0.50	CASINT1	24		P	10,830.0	WASH BRIDGE FROM 9900' TO 9947'
	17:00	20:00	3.00	CASINT1	24		P	10,830.0	RUN 7" CASING TO 10,830'.
	20:00	22:30	2.50	CASINT1	15		P	10,830.0	CBU. MAX GAS 5,200 UNITS. 10' FLARE. NO LOSSES. HOLD PJSM WITH HES.
	22:30	2:30	4.00	CASINT1	25		P	10,830.0	INSTALL CEMENT HEAD. TEST LINES TO 5K. PUMP 50 BBLS H2O SPACER. 90 BBLS 12PPG LEAD CMT (330 SKS. 2.31 YLD). 60 BBLS 12.5PPG TAIL CMT (91 SKS. 1.91 YLD). DROPPED PLUG & DISPLACE WITH 400 BBLS. (10 H20, 370 12.3 PPG WBM, 20 H2O) BUMPED PLUG 10-13-12 0200HRS 600 PSI OVER. HELD 5MIN. BLEAD OFF 1 1/4 BBLS. FLOATS HELD. RD HES. FULL RETURNS DURING CMT OPS. ESTIMATED TOC @ 5,250'.
	2:30	6:00	3.50	CASINT1	26		P	10,830.0	WELL FLOWING 1.8 BPH. SHUT IN & MONITOR WELL ON CHOKE. ISICP=40 PSI. SICP @ REPORT TIME= 220PSI. CLEAN MUD TANKS. RELOCATE DRILL PIPE & BHA , CHANGE TOP DRIVE SAVER SUB, DRESS FLOOR W/3 1/2" HANDLING TOOLS, WHILE WOC.
10/14/2012	6:00	8:30	2.50	CASINT1	26		P	10,830.0	WAITING ON CEMENT AND MONITOR SICP. BLED PRESSURE DOWN FROM 155 PSI TO 0 PSI. SHUT WELL IN , SICP BUILT TO 40 PSI

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	8:30	10:30	2.00	CASINT1	26		P	10,830.0	MONITOR SICP. PRESSURE DROPPED FORM 40 PSI TO 0 PSI. OPENED WELL, MOMITORED FLOW, WELL STATIC
	10:30	13:00	2.50	CASINT1	27		P	10,830.0	BACK OFF LANDING JOINT, INSTALL PACKOFF, PRESSURE TEST TO 5000 PSI / 10 MINUTES, OK.
	13:00	20:00	7.00	CASINT1	19		P	10,830.0	PRESSURE TEST BOP RAMS, INSIDE ANS OUTSIDE CHOKE AND KILL LINE VALVES, MANIFOLD LINE, TOP DRIVE DRIVE, STABBING VALVE, AND INSIDE BOP TO 250 LOW / 10,000 HIGH, BOTH TESTS 10 MINUTES EACH. PRESSURE TEST ANNULAR 250 LOW, 4000 HIGH, 10 MINUTES EACH TEST. PRESSURE TEST CASING 2500 PSI / 30 MINUTES.
	20:00	6:00	10.00	DRLPRD	14		P	10,830.0	PICK UP BHA AND 3-1/2" DRILL PIPE (7300')
10/15/2012	6:00	10:30	4.50	DRLPRD	14		P	10,830.0	PICK UP 3-1/2' DRILL PIPE
	10:30	12:00	1.50	DRLPRD	17		P	10,830.0	CUT AND SLIP DRILLING LINE
	12:00	12:30	0.50	DRLPRD	12		P	10,830.0	RIG SERVICE
	12:30	15:00	2.50	DRLPRD	14		P	10,830.0	PICK UP 3-1/2" DRILL PIPE
	15:00	16:30	1.50	DRLPRD	42		P	10,830.0	DRILLING FLOAT COLLAR CEMENT AND FLOAT SHOE. TAGGED FLOAT COLLAR AT 10,777'. CASING SHOE AT 10,819'
	16:30	17:00	0.50	DRLPRD	07		P	10,830.0	DRILLING FROM 10,830' TO 10,840'
	17:00	18:00	1.00	DRLPRD	15		P	10,840.0	CIRCULATE BOTTOMS UP FOR FIT
	18:00	18:30	0.50	DRLPRD	33		P	10,840.0	PERFORM F.I.T. 12.3 MUD WEIGHT , 1739 PSI ADDED SURFACE PRESSURE. 15.4 EMW.
	18:30	6:00	11.50	DRLPRD	07		P	10,840.0	DRILLING FROM 10,840' TO 10,980'.
10/16/2012	6:00	12:30	6.50	DRLPRD	07		P	10,980.0	DRILLING FROM 10,980' TO 11,076
	12:30	13:00	0.50	DRLPRD	12		P	11,076.0	RIG SERVICE
	13:00	2:30	13.50	DRLPRD	07		P	11,076.0	DRILLING FROM 11,076' TO 11,183'.
	2:30	6:00	3.50	DRLPRD	13		P	11,183.0	SLUG. SURVEY. TFNB #7.
10/17/2012	6:00	17:30	11.50	DRLPRD	13		P	11,183.0	TRIP FOR BIT #7
	17:30	2:00	8.50	DRLPRD	07		P	11,183.0	DRILLING FROM 11183' TO 11,266'.
	2:00	2:30	0.50	DRLPRD	12		P	11,266.0	RIG SERVICE.
	2:30	6:00	3.50	DRLPRD	07		P	11,266.0	DRILLING FROM 11,266' - 11,310'.
10/18/2012	6:00	21:00	15.00	DRLSURF	07		P	11,310.0	DRILLING FROM 11,310' - 11,457'.
	21:00	21:30	0.50	DRLPRD	12		P	11,457.0	RIG SERVICE.
	21:30	6:00	8.50	DRLPRD	07		P	11,457.0	DRILLING FROM 11,457' - 11,520'.
10/19/2012	6:00	7:30	1.50	DRLPRD	07		P	11,520.0	DRILLING FROM 11,520' TO 11,552.
	7:30	8:00	0.50	DRLPRD	12		P	11,552.0	RIG SERVICE
	8:00	6:00	22.00	DRLPRD	07		P	11,552.0	DRILLING FROM 11,552' TO 11,760'. STARTED RAISING MUD WEIGHT AT 11,551' FROM 12.5 PPG TO 13.6 PPG. STARTED LOSING MUD AT 11,640', ADDING LCM.
10/20/2012	6:00	13:30	7.50	DRLPRD	07		P	11,760.0	DRILLING FROM 11,760' TO 11,811'
	13:30	4:00	14.50	DRLPRD	13		P	11,811.0	TRIP FOR BIT #8. FILLING PIPE 30 STD INTERVALS.
	4:00	6:00	2.00	DRLPRD	17		P	11,811.0	CUT OFF DRILL LINE. CIRCULATE BOTTOMS UP.
10/21/2012	6:00	7:00	1.00	DRLPRD	13		P	11,811.0	TRIP IN HOLE.
	7:00	8:30	1.50	DRLPRD	10		P	11,811.0	DRILLING FROM 11,811' TO 11,839.
	8:30	9:00	0.50	DRLPRD	12		P	11,839.0	RIG SERVICE.
	9:00	6:00	21.00	DRLPRD	07		P	11,839.0	DRILLING FROM 11,839' TO 12,170'.
10/22/2012	6:00	16:30	10.50	DRLPRD	07		P	12,170.0	DRILLING FROM 12,170' TO 12,412'. STARTED LOSING MUD AT 12,273'. MIXING LCM.
	16:30	17:00	0.50	DRLPRD	12		P	12,412.0	RIG SERVICE.
	17:00	6:00	13.00	DRLPRD	07		P	12,412.0	DRILLING FROM 12,412' TO 12,698'.
10/23/2012	6:00	11:00	5.00	DRLPRD	07		P	12,698.0	DRILLING FROM 12,698' TO 12,796'.LOST 1100 PSI STAND PIPE PRESSURE. CHG OVER PUMPS, SAME PRESSURE INITIALLY THEN DROPPED OFF ANOTHER 800 PSI.
	11:00	11:30	0.50	DRLPRD	12		P	12,796.0	RIG SERVICE.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	11:30	13:30	2.00	DRLPRD	07		N	12,796.0	TROUBLE SHOOT PRESSURE LOSS. GO THROUGH BOTH PUMPS. CHECK ALL SURFACE EQUIPMENT, NO SURFACE LEAKS.
	13:30	6:00	16.50	DRLPRD	13		N	12,796.0	TRIP OUT OF HOLE LOOKING FOR WASH OUT. WELL SWABBING, PULLING SLOWLY.
10/24/2012	6:00	7:30	1.50	DRLPRD	13		N	12,796.0	TRIP OUT OF HOLE LOOKING FOR WASH OUT.
	7:30	8:00	0.50	DRLPRD	12		P	12,796.0	RIG SERVICE.
	8:00	20:00	12.00	DRLPRD	13		N	12,796.0	TRIP IN HOLE, SCREW INTO EACH STAND OF DRILL COLLARS AND CHECK FOR WASH, NONE FOUND. TRIP IN HOLE WITH DRILL PIPE MONITORING FILLS AND CIRCULATING BOTTOMS UP EVERY 30 STANDS.
	20:00	6:00	10.00	DRLPRD	07		P	12,796.0	DRILL 12,796' - 13,010'.
10/25/2012	6:00	10:00	4.00	DRLPRD	07		P	13,010.0	DRIILLED 13,010' TO 13,080'.
	10:00	10:30	0.50	DRLPRD	12		P	13,080.0	SERVICED RIG AND TOP DRIVE.
	10:30	6:00	19.50	DRLPRD	07		P	13,080.0	DRILLED 13,080' TO 13,375'
10/26/2012	6:00	7:30	1.50	DRLPRD	07		P	13,375.0	DRILLED 13,375' TO 13,400' TD.
	7:30	9:00	1.50	DRLPRD	15		P	13,400.0	C&C 14.4 MUD.
	9:00	11:00	2.00	DRLPRD	13		P	13,400.0	WIPER TRIP TO CSG SHOE. 4 SLIGHT PULLS.
	11:00	11:30	0.50	DRLPRD	12		P	13,400.0	CHECKED FLOW. SERVICED RIG AND TOP DRIVE.
	11:30	13:00	1.50	DRLPRD	13		P	13,400.0	TIH TO 13,400'.
	13:00	15:00	2.00	DRLPRD	15		P	13,400.0	C&C MUD. 2 X 4' FLARES ON BOTTOMS UP.
	15:00	23:30	8.50	DRLPRD	13		P	13,400.0	TOOH SLOWLY.
	23:30	1:30	2.00	DRLPRD	14		P	13,400.0	LAID DOWN STABS, PONY COLLAR, & BIT.
	1:30	6:00	4.50	EVLPRD	22		P	13,400.0	PJSM. RIG UP HALLIBURTON ELU TRUCK. RAN QUAD-COMBO WITH SONIC & IDT. TOOL IS 4.5" MAX OD X 78' LONG WITH NO CENTRALIZERS. UNABLE TO GO BELOW 13,130'. LOG UP.
10/27/2012	6:00	9:00	3.00	EVLPRD	22		P	13,400.0	FINISHED RUNNING QUAD-COMBO WITH SONIC & IDT. 232F MAX TEMP RECORDED. RD ELU.
	9:00	10:30	1.50	CASPRD1	12		P	13,400.0	SERVICED RIG & TDU. LD ELEVATORS & TOOLS. CLEANED FLOOR. PREPARED TO RU CASING TOOLS.
	10:30	6:00	19.50	CASPRD1	24		P	13,400.0	RU FRANK'S WESTSTATE'S CASING TOOLS & TORQUE-TURN. MU FLOAT SHOE, 1 JOINT OF 4 1/2", 13.50#, P-110, LTC CASING, FLOAT COLLAR, 1 JOINT, LANDING COLLAR. RIH WITH LINER. MU HES' STANDARD HANGER. SIH SLOWLY WITH 4 1/2" LINER ON 3 1/2" DP, CBU AT 3,000' INTERVALS.
10/28/2012	6:00	11:00	5.00	CASPRD1	15		P	13,400.0	C & C 14.2 PPG MUD AT 2.5 BPM. RU HES' CEMENT HEAD/MANIFOLD. PJSM WITH HES.
	11:00	12:00	1.00	CASPRD1	25		P	13,400.0	TESTED P & L TO 9,500 PSI. M & P 20 BBLS 14.2 PPG TUNED SPACER. M & P 200 SKS/57 BBLS LINER CEMENT SLURRY AT 15.4 PPG & 1.61 YLD.
	12:00	14:00	2.00	CASPRD1	25		P	13,400.0	RELEASED DP DART. DISPLACED WITH 47 BBLS 2% KCL PLUS 71 BBLS 14.2 WBM. PLUG BUMPED AT 1259 HRS, 10/27/2012 WITH 500 PSI OVER. BLED BACK 1 1/2 BBLS, FLOATS HELD. DROPPED 1 7/8" BALL, RUPTURED DISC WITH 5,700 PSI. PUMPED 52 BBLS, PRESSURED TO 6,300 PSI & EXPANDED HANGER/PACKER SEALS. PULL TESTED HANGER WITH 100K OVERPULL. SLACKED OFF 50K, SHEARED OFF LINER HANGER. PU TO TOL. LINER SHOE AT 13,398', TOP AT 10,594', WITH 225' OVERLAP. MARKER JT TOP AT 12,391'.
	14:00	18:00	4.00	CASPRD1	15		P	13,400.0	CIRCULATED BOTTOMS UP WITH 14.2 WBM. CIRCULATED 20 BBLS SPACER & 1 BBL CEMENT TO SURFACE. POSITIVE TESTED LINER TOP TO 1,000 PSI, HELD 10 MINUTES. DISPLACED 14.2 WBM WITH 2% KCL WATER. CHECKED FLOW. RD HES CEMENTERS.
	18:00	6:00	12.00	CASPRD1	14		P	13,400.0	LD 3 1/2" DP.
10/29/2012									

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:00	7:30	1.50	CASPRD1	14		P	13,400.0	FINISHED LD 3 1/2" DP & HES' LINER SETTING TOOL. 100% RECOVERY ON TOOL.
	7:30	9:00	1.50	CASPRD1	13		P	13,400.0	TIH WITH COLLARS AND REMAINING 3 1/2" DRILL PIPE.
	9:00	12:00	3.00	CASPRD1	14		P	13,400.0	LAID DOWN DRILL COLLARS AND DRILL PIPE.
	12:00	13:00	1.00	CASPRD1	59		P	13,400.0	FLUSHED THROUGH SURFACE LINES. LD RENTAL EQUIPMENT FROM FLOOR.
	13:00	20:00	7.00	CASPRD1	29		P	13,400.0	NIPPLED DOWN 11" 10K BOPE.
	20:00	22:30	2.50	CASPRD1	27		P	13,400.0	NU TUBING HEAD, FRAC VALVE, WELL CAP, AND TESTED. RIG RELEASED AT 2230 HRS, 10/28/2012.
	22:30	6:00	7.50	RDMO	02		P	13,400.0	RIGGED DOWN TDU. RIG DOWN AND PREP RIG FOR MOVE TO THE ALBA 1-21C4.
10/30/2012	6:00	6:00	24.00	RDMO	02		P	13,400.0	RIGGED DOWN 100%. 10% MOVED.

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	LAYTON 4-2B3		
Project	ALTAMONT FIELD	**Site**	LAYTON 4-2B3
Rig Name/No.	BASIC/1584	**Event**	COMPLETION LAND
Start Date	11/5/2012	**End Date**	
Spud Date/Time	9/22/2012	**UWI**	LAYTON 4-2B3
Active Datum	KB @5,989.0ft (above Mean Sea Level)		
Afe No./Description	148799/47077 / LAYTON 4-2B3		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
11/5/2012	10:00	12:00	2.00						TGSM & JSA (NU & TESTING 10K BOPE)
	12:00	16:00	4.00						NU AND TEST 10K BOPE TO 10000 PSIG FOR 15 MINUTES, 300 # NEG TEST FOR 15 MINUTES
11/6/2012	6:00	7:30	1.50	MIRU	28		P		CT TGSM & JSA (ROADING THE RIG)
	7:30	9:00	1.50	MIRU	01		P		ROAD RIG TO LOCATION FROM THE BROTHERSON 1-23B4R
	9:00	13:30	4.50	MIRU	01		P		SPOT RIG IN , SPOT PIPE RACKS,CATWALK,UNLOAD 2 7/8 TBG & 2 3/8 TBG. R.U. RIG, N.U. WASHINGTON HEAD, R.U. FLOOR EQUIPMENT. SPOT PUMP AND TANK. LAY PUMP LINES
	13:30	17:30	4.00	PRDHEQ	24		P		PUMU & RIH W/ 3 3/4" ROCK BIT, BIT SUB, 88 JTS 2-3/8", X/O TO 2 7/8" 48 JTS 2 7/8" 8RD EUE TBG.
11/7/2012	6:00	7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA (P.U. PIPE W/HYD CATWALK)
	7:30	11:30	4.00	PRDHEQ	24		P		P.U. 82 JTS 2 7/8 "130" TOTAL 2 7/8- CIRCULATE @ 6939'. CONTINUE RIH TO 10,301'CIRCULATE WELL.
	11:30	17:30	6.00	PRDHEQ	24		P		CONTINUE RIH W/ TBG, TAG CEMENT @ 13,248' (63' CEMENT TO FLOAT COLLAR) R.U. POWER SWIVEL, CIRCULATE WELL @ 13,243'. SDFTN
11/8/2012	6:00	7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA (POWER SWIVEL OPERATIONS)
	7:30	9:30	2.00	PRDHEQ	72		P		TAG CEMENT @13,248'- DRILL DOWN TO FLOAT COLLAR @ 13,311. CIRCULATE BOTTOMS UP. RACK OUT SWIVEL.
	9:30	17:30	8.00	PRDHEQ	16		P		LAY DOWN 331 JTS 2 7/8 & 88 JTS 2 3/8 TBG, FILL CSG . SDFTD.
11/9/2012	6:00	7:30	1.50	RDMO	28		P		CT TGSM & JSA (RIGGING DOWN)
	7:30	9:00	1.50	RDMO	02		P		RACK OUT PUMP LINES, RDMOL W/ BASIC 1584 (START RU POSEIDON TANK W/ HEATING UNIT)
	9:00	14:00	5.00	MIRU	01		P		MIRU LONE WOLF WIRELINE UNIT, RUN CBL/CCL/GR FROM PBTD TO 4700' UNDER 3000 PSIG SURFACE PRESSURE.
	14:00	16:00	2.00	STG01	18		P		FILL CASING PERFORM NEGATIVE TEST FOR 30 MINUTES, TEST BOPE AND CASING TO 9000 PSIG FOR 30 MINUTES. (FINISHED TANK START HAULING WATER)
	16:00	18:00	2.00	STG01	21		P		RIH W/ 2-3/4" HSC GUN LOADED 3 JSPF 15 GM CHARGES, 120* PHASING PERFORATE STAGE 1 W/ 1000 PSIG, 13032' TO 12807' NO PRESSURE CHANGES. RDMOL W/ LONE WOLF WIRE LINE UNIT.
	18:00	6:00	12.00	STG01	18		P		HAUL WATER FOR FRAC

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
11/10/2012	6:00	6:00	24.00						RU FLOW BACK LINES, START HEATING POSEIDON TANK W/ POSEIDON HEATERS, HAUL WATER FOR FRAC
11/11/2012	6:00	10:00	4.00						CSIP @ 500 PSIG, NU STINGER WELL HEAD PROTECTION, SWI
	10:00	6:00	20.00						PREP FOR FRAC
11/12/2012	6:00	14:00	8.00						MIRU WEATHERFORD FRAC EQUIPMENT
	14:00	6:00	16.00						PREP FOR FRAC
11/13/2012	6:00	7:30	1.50	STG01	28		P		TGSM & JSA (FRAC OPERATIONS)
	7:30	11:30	4.00	STG01	09		P		THAW POSEDION TANK MANTI FOLD, ATTEMPT TO PRESSURE TEST, THAW OUT PUMPS, ATTEMPT TO TEST MULTIPLE TIMES REPAIR LEAKS.
	11:30	12:30	1.00	STG01	35		P		PRESSURE TEST LINES AND EQUIPMENT TO 9500 PSIG,SIP @ 260 PSIG, BREAK DOWN STAGE 1 PERFS 9.2 BPM @ 4909 PSIG, TREAT STAGE 1 W/ 5000 GAL 15% HCL, FLUSH 10 OVER BTM PERF. ISDP @ 6734 .86 F.G 5 MIN 5343 10 MIN @ 4973 15 MIN @ 4630 AVE RATE 30 BPM, MAX RATE 49 BPM, AVE PRES 6734, MAX PRES 7838.
	12:30	13:30	1.00	STG01	35		P		TREAT STAGE 1 PERFS W/ 3240# 100 MESH IN 1/2 PPG STAGE AND 106000# SB PRIME 20/40 IN 1,2,3,3.5 PPG FLUSH TO TOP PERF ISDP @ 5963, .89 F.G, 5 MIN 5780,10 MIN 5663,15 MIN 5650', AVE RATE 60 BPM, MAX RATE 68 BPM, AVE PRES 7024, MAX PRES 8107. SWI TOT WIRELINE, STAGE 1 WATER TO RECOVER 2736. (HAD TO CALL FLUSH EARLY LOST GEL)
	13:30	15:00	1.50	STG02	21		P		RIH W/ 2-3/4" HSC GUNS LOADED 3 JSPF W/ 15.1 GM CHARGES & 120* PHASING W/ CBP, SET AND TEST CBP @ 12,795'. PERFORATE 12,779' TO 12,443' NO PRESSURE CHANGES. SWI TOT FRAC CREW
	15:00	16:00	1.00	STG02	35		P		PRESSURE TEST LINES AND EQUIPMENT TO 9500 PSIG,SIP @ 4917 PSIG, BREAK DOWN STAGE 2 PERFS 8.7 BPM @ 6414 PSIG, TREAT STAGE 2 W/ 5000 GAL 15% HCL, FLUSH 10 OVER BTM PERF. ISDP @ 5547 .87 F.G 5 MIN 5483 10 MIN @ 5431 15 MIN @ 5369 AVE RATE 30 BPM, MAX RATE 51 BPM, AVE PRES 6381, MAX PRES 6893.
	16:00	17:00	1.00	STG02	35		P		TREAT STAGE 2 PERFS W/ 3000# 100 MESH IN 1/2 PPG STAGE AND 130480# SB PRIME 20/40 IN 1,2,3,3.5,4 PPG FLUSH TO TOP PERF ISDP @ 6048, .91 F.G, 5 MIN 5907 ,10 MIN 5821, 15 MIN 5771, AVE RATE 64 BPM, MAX RATE 69 BPM, AVE PRES 6791, MAX PRES 7701. SWI TOT WIRELINE, STAGE 2 WATER TO RECOVER 2944.
	17:00	18:00	1.00	STG02	18		P		PICKLE LINES WITH BRINE WATER DRAIN EQUIPMENT, TOT WIRE LINE
	18:00	20:00	2.00	STG03	21		P		RIH W/ 2-3/4" HSC GUNS LOADED 3 JSPF W/ 15.1 GM CHARGES & 120* PHASING W/ CBP, SET AND TEST CBP @ 12,430'. PERFORATE 12,416' TO 12,163' NO PRESSURE CHANGES. SWIFN
11/14/2012	6:00	7:30	1.50	STG03	28		P		TGSM & JSA (FRAC OPERATIONS)
	7:30	8:30	1.00	STG03	18		P		PRIME AND PRESSURE TEST
	8:30	9:30	1.00	STG03	35		P		PRESSURE TEST LINES AND EQUIPMENT TO 9500 PSIG,SIP @ 4624 PSIG, BREAK DOWN STAGE 3 PERFS 9.6 BPM @ 7187 PSIG, TREAT STAGE 3 W/ 5000 GAL 15% HCL, FLUSH 10 OVER BTM PERF. ISDP @ 5137 .85 F.G 5 MIN 4225 10 MIN @ 3940 15 MIN @ 3603 AVE RATE 21 BPM, MAX RATE 38 BPM, AVE PRES 7678, MAX PRES 8197.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	9:30	10:30	1.00	STG03	35		P		TREAT STAGE 3 PERFS W/ 3000# 100 MESH IN 1/2 PPG STAGE AND 129,998# SB PRIME 20/40 IN 1,2,3,3.5,4 PPG FLUSH TO TOP PERF ISDP @ 6718, .97 F.G, 5 MIN 6432,10 MIN 6222, 15 MIN 6040', AVE RATE 67 BPM, MAX RATE 70 BPM, AVE PRES 7456, MAX PRES 8197. SWI TOT WIRELINE, STAGE 3 WATER TO RECOVER 2971.
	10:30	12:30	2.00	STG04	21		P		RIH W/ 2-3/4" HSC GUNS LOADED 3 JSPF W/ 15.1 GM CHARGES & 120* PHASING W/ CBP, SET AND TEST CBP @ 12,155'. PERFORATE 12,143' TO 11,909' NO PRESSURE CHANGES. SWI TOT FRAC CREW
	12:30	13:30	1.00	STG04	35				PRESSURE TEST LINES AND EQUIPMENT TO 9500 PSIG,SIP @ 2460 PSIG, BREAK DOWN STAGE 4 PERFS 9.1 BPM @ 5775 PSIG, TREAT STAGE 4 W/ 5000 GAL 15% HCL, FLUSH 10 OVER BTM PERF. ISDP @ 5410 .88 F.G 5 MIN 4317 10 MIN @ 3949 15 MIN @ 3666, AVE RATE 32 BPM, MAX RATE 57 BPM, AVE PRES 6835, MAX PRES 8116.
	13:30	14:30	1.00	STG04	35				TREAT STAGE 4 PERFS W/ 3000# 100 MESH IN 1/2 PPG STAGE AND 135,720# SB PRIME 20/40 IN 1,2,3,3.5,4 PPG FLUSH TO TOP PERF ISDP @ 6259, .95 F.G, 5 MIN 6155,10 MIN 6047, 15 MIN 5937', AVE RATE 69.8 BPM, MAX RATE 71.3 BPM, AVE PRES 6918, MAX PRES 8125. SWI TOT WIRELINE, STAGE 4 WATER TO RECOVER 2971.
	14:30	17:00	2.50	STG05	21				RIH W/ 2-3/4" HSC GUNS LOADED 3 JSPF W/ 15.1 GM CHARGES & 120* PHASING W/ CBP, SET AND TEST CBP @ 11,880'. PERFORATE 11,872' TO 11,645' NO PRESSURE CHANGES. SWI TOT FRAC CREW
	17:00	18:00	1.00	STG05	35				PRESSURE TEST LINES AND EQUIPMENT TO 9500 PSIG, BREAK DOWN STAGE 5 PERFS 9 BPM @ 5022 PSIG, TREAT STAGE 5 W/ 5000 GAL 15% HCL, FLUSH 10 OVER BTM PERF. ISDP @ 4994 .85 F.G 5 MIN 2016 10 MIN @ 721 15 MIN @ 0, AVE RATE 33 BPM, MAX RATE 64 BPM, AVE PRES 6204, MAX PRES 7600. CHANGE FRAC DESIGN, ADD 500# FLUID LOSS WITH PAD AND 5500 # 100 MESH
	18:00	19:00	1.00	STG05	35				TREAT STAGE 5 PERFS W/ 5500# 100 MESH IN 1/2 PPG STAGE AND 116,280# SB PRIME 20/40 IN 1,2,3 PPG FLUSH TO TOP PERF ISDP @ 6094, .95 F.G, 5 MIN 5900,10 MIN 5444, 15 MIN 5135', AVE RATE 70.5 BPM, MAX RATE 71.5 BPM, AVE PRES 7676, MAX PRES 6862. SWI TOT WIRELINE, STAGE 5 WATER TO RECOVER 2900.
	19:00	20:00	1.00	STG05	18				PICKLE LINES WITH BRINE WATER DRAIN EQUIPMENT, TOT WIRE LINE
	20:00	22:00	2.00	STG06	21				RIH W/ 2-3/4" HSC GUNS LOADED 3 JSPF W/ 15.1 GM CHARGES & 120* PHASING W/ CBP, SET AND TEST CBP @ 11,630'. PERFORATE 11,606' TO 11,333' GAINED 800 PSIG. SWIFN
11/15/2012	6:00	7:30	1.50	STG06	28		P		CT TGSM & JSA (FRAC OPERATIONS)
	7:30	8:00	0.50	STG06	18		P		PRIME PUMPS INSURE NO ICE PLUGS
	8:00	9:00	1.00	STG06	35		P		PRESSURE TEST LINES AND EQUIPMENT TO 9500 PSIG,SIP @ 3688 PSIG, BREAK DOWN STAGE 6 PERFS 9.1 BPM @ 5933 PSIG, TREAT STAGE 6 W/ 5000 GAL 15% HCL, FLUSH 10 OVER BTM PERF. ISDP @ 4834 .85 F.G 5 MIN 4257 10 MIN @ 3818 15 MIN @ 3505 AVE RATE 33 BPM, MAX RATE 68 BPM, AVE PRES 6071, MAX PRES 7217.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	9:00	10:00	1.00	STG06	35		P		TREAT STAGE 6 PERFS W/ 3500# 100 MESH IN 1/2 PPG STAGE AND 145,600# SB PRIME 20/40 IN 1,2,3,3.5,4 PPG FLUSH TO TOP PERF ISDP @ 5567, .91 F.G, 5 MIN 5487,10 MIN 5440, 15 MIN 5320', AVE RATE 71.5 BPM, MAX RATE 72 BPM, AVE PRES 5153, MAX PRES 7217. SWI TOT WIRELINE, STAGE 6 WATER TO RECOVER 3114.
	10:00	12:00	2.00	STG07	21				RIH W/ 2-3/4" HSC GUNS LOADED 3 JSPF W/ 15.1 GM CHARGES & 120* PHASING W/ CBP, SET AND TEST CBP @ 11,329'. PERFORATE 11,308" TO 11,071' NO PRESSURE CHANGES. SWI TOT FRAC CREW
	12:00	13:00	1.00	STG07	35				PRESSURE TEST LINES AND EQUIPMENT TO 9500 PSIG,SIP @ 4212 PSIG, BREAK DOWN STAGE 7 PERFS 10.6 BPM @ 4570 PSIG, TREAT STAGE 7 W/ 5000 GAL 15% HCL, FLUSH 10 OVER BTM PERF. ISDP @ 4056 .79 F.G 5 MIN 3846 10 MIN @ 3758 15 MIN @ 3723 AVE RATE 37 BPM, MAX RATE 71 BPM, AVE PRES 5335, MAX PRES 7018.
	13:00	14:00	1.00	STG07	35				TREAT STAGE 7 PERFS W/ 3000# 100 MESH IN 1/2 PPG STAGE AND 140,000# SB PRIME 20/40 IN 1,2,3,3.5,4 PPG FLUSH TO TOP PERF ISDP @ 4547, .84 F.G, 5 MIN 4424,10 MIN 4348, 15 MIN 4273', AVE RATE 71 BPM, MAX RATE 76 BPM, AVE PRES 5353, MAX PRES 7018. SWI TOT WIRELINE, STAGE 7 WATER TO RECOVER 2996.
	14:00	17:00	3.00	STG08	21				RIH W/ 2-3/4" HSC GUNS LOADED 3 JSPF W/ 15.1 GM CHARGES & 120* PHASING W/ CBP, SET AND TEST CBP @ 11,065'. PERFORATE 11,046" TO 10,850' NO PRESSURE CHANGES. SWI TOT FRAC CREW
	17:00	18:00	1.00	STG08	35				PRESSURE TEST LINES AND EQUIPMENT TO 9500 PSIG,SIP @ 3384 PSIG, BREAK DOWN STAGE 8 PERFS 8.9 BPM @ 5760 PSIG, TREAT STAGE 8 W/ 5000 GAL 15% HCL, FLUSH 10 OVER BTM PERF. ISDP @ 4580 .85 F.G 5 MIN 4219 10 MIN @ 4071 15 MIN @ 3952 AVE RATE 33.8 BPM, MAX RATE 69.8 BPM, AVE PRES 5351, MAX PRES 6319.
	18:00	19:00	1.00	STG08	35				TREAT STAGE 8 PERFS W/ 3000# 100 MESH IN 1/2 PPG STAGE AND 118,000# SB PRIME 20/40 IN 1,2,3,3.5, PPG FLUSH TO TOP PERF ISDP @ 4955, .88 F.G, 5 MIN 4684,10 MIN 4582, 15 MIN 4504', AVE RATE 71.6 BPM, MAX RATE 72.5 BPM, AVE PRES 5449, MAX PRES 6320. SWI , STAGE 8 WATER TO RECOVER 2874.
	19:00	2:00	7.00	STG08	16				RDMOL W/ WEATHERFORD FRAC EQUIPMENT AND ND STIGER WELL HEAD PROTECTION SWIN
11/16/2012	6:00	7:30	1.50						CT TGSM & JSA (COIL TBG OPERATIONS)
	7:30	10:00	2.50						SPOT EQUIPMENT RIG UP COIL TBG UNIT
	10:00	11:30	1.50						MU COIL CONNECTER, FILL COIL, PULL TEST CONNECTER TO 25 K, PRESSURE TEST COIL, MU TOOLS, 3-5/8" MILL. FUNCTION TEST TOOLS.
	11:30	13:30	2.00						SIP @ 2300 PSIG, RIH PUMP 1/2 BPM FLOWING WELL ON 12/64 CHOKE, CHANGE RATES AND FLOW AT LINER TOP, CIH TAG @ 11058
	13:30	14:30	1.00						ATTEMPT TO DRILL CBP MOTOR WILL NOT TOURQUE UP ATTEMPT RATE CHANGES, NO CHANGES ON TOURQUE
	14:30	17:00	2.50						POOH W/ COIL TBG, TEST MOTOR BAD, MU NEW MOTOR, FUNCTION TEST GOOD.
	17:00	0:30	7.50						RIH TAG PLUG 1,2 @ CTM 11,044', 11,301' TAG 3 @ 11,596' POOH CIRCULATING TO 10,800', RIH DID NOT RETAG 3 @ 11,668 DRILL UP CIH TAG 4 @ 11,877' DRILL TO 11,884. STOPPED MAKING HOLE

RECEIVED: Nov. 26, 2012

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	0:30	4:00	3.50						POOH W/ COIL TBG, MILL POLISHED, REPLACE MOTOR AND MILL.
	4:00	6:00	2.00						RIH RETAG @ 11,610 CTM
11/17/2012	6:00	8:00	2.00						ATTEMPT TO DRILL UP CBP @ 11,610' MOTOR WOULD NOT TORQUE UP AFTER 1 HR
	8:00	10:00	2.00						POOH W/ COIL L/D AND RELEASE TOOLS
	10:00	12:30	2.50						WAIT ON WEATHERFORD TOOLS
	12:30	13:30	1.00						MU COIL CONNECTOR, PULL TEST, PRESSURE TEST, MU MOTOR & 3-5/8" MILL, PRESSURE TEST STACK
	13:30	4:00	14.50						RIH TAG HIGH @ 11,545 WORK THROUGH MULTIPLE OBSTRUCTIONS TO PLUG 4 @ CTM 11,860, DRILL OUT REMAINING PLUGS 5, 6 & 7 CCLEAN OUT TO PBTD CTM @ 13,250' CIRCULATE ON BTM 1.5 HOURS W/ 500 SCFS AND 3 BPM, POOH 30 FPM TO LINER TOP, STOP @ LINER TOP CIRCULATE FOR 1 HOUR, POOH SLOW 1000' CHANGE RATES TO 3 BPM POOH.
	4:00	6:00	2.00						RDMOL
11/18/2012	6:00	6:00	24.00	FB	19		P		CURRENTLY FLOWING ON 14/64 CHOKE 2050 PSIG 32 MCF 418 OIL 137 WTR
11/19/2012	6:00	6:00	24.00	FB	19		P		CURRENTLY FLOWING ON 14/64 CHOKE 1800 PSIG 199 MCF 569 OIL 214 WTR
11/20/2012	6:00	14:00	8.00	FB	19		P		CURRENTLY FLOWING ON 14/64 CHOKE 1700 PSIG 329 MCF 414 OIL 145 WTR (24 HOUR READING)
	14:00	18:00	4.00	MIRU	01		P		MIRU KEY 005, SPOT CAT WALK PIPE RACKS, MOVE & PREP TBG CSDFD CT
	18:00	6:00	12.00	FB	19		P		FLOW BACK
11/21/2012	6:00	7:30	1.50	WLWORK	28		P		CT TGSM & JSA (WIRE LINE OPERATIONS)
	7:30	11:30	4.00	WLWORK	18		P		RU WORK FLOOR, NU LONE WOLF WIRE LINE, RIH W/ JB & 3-5/8" GAUGE RING TO 10,800' POOH, RIH W/ 4 1/2" WCS WIRE LINE SET PACKER SET AT 10,753'. POOH W/ WIRE LINE
	11:30	15:00	3.50	WLWORK	28		P		START R/D WIRE LINE UNIT, FLOOR PIN CAME OUT, RIG FLOOR FELL TO ONE SIDE. TREAT INJURED EMPLOYEES, START EP AND KEY INVESTIGATION
	15:00	17:00	2.00	RDMO	02		P		RU AND REPAIR FLOOR AS NEEDED, RDMO W/ LONE WOLF WIRE LINE UNIT. RELEASE RIG CREW BWD LEAVE ON 20/48 CHOKE.
	17:00	6:00	13.00	FB	19		P		194 GAS 187 OIL 34 WATER
11/22/2012	6:00	9:00	3.00	PRDHEQ	28		P		KEY SAFETY STAND DOWN, TRAVEL TO LOCATION, TGSM & JSA (PU TBG)
	9:00	17:00	8.00	PRDHEQ	24		P		PUMU & RIH W/ ON/OFF SKIRT, 6 JTS 2-3/8" 8RD EUE TBG, X/O TO 2-7/8" EQUIPMENT, CIH W/ 2-3/8"8RD EUE X 2-7/8" 8RD EUE X/O, 333 JTS 2-7/8" 8RD EUE TBG, SPACE OUT L/D 3 JTS 2-7/8" TBG
	17:00	19:00	2.00	PRDHEQ	06		P		PUMP 400 BBLS PACKER FLUID

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	19:00 19:30	0.50	PRDHEQ	24		P		PU 2-8', 1-6', 2-7/8" PUP JTS, 1 JT 2-7/8", 6' PUP JT HANGER, J ON PACKER, TEMPORARY LAND TBG.
	19:30 21:00	1.50	PRDHEQ	16		P		RD WORK FLOOR, N/D BOPE, N/U TREE, F&T CASING TO 2000 PSIG, TEST FLOW LINES TO 4500, PUMP OFF PUMP OUT PLUG, PUMP ADDITIONAL 5 BBLS. TOT FLOW BACK CREW
	21:00 6:00	9.00	FB	19		P		CURRENTLY FLOWING ON 14/64 CHOKE 1800 PSIG 139 MCF 181 OIL 113 WTR
11/23/2012	6:00 6:00	24.00	FB	19		P		CURRENTLY FLOWING ON 14/64 CHOKE 1650 PSIG 442 MCF 515 OIL 239 WTR (24 HOUR READING)
11/24/2012	6:00 6:00	24.00	FB	19		P		CURRENTLY FLOWING ON 14/64 CHOKE 1525 PSIG 397 MCF 439 OIL 248 WTR (24 HOUR READING)
11/25/2012	6:00 6:00	24.00	FB	19		P		CURRENTLY FLOWING ON 14/64 CHOKE 1425 PSIG 371 MCF 410 OIL 249 WTR (24 HOUR READING)
11/26/2012	6:00 6:00	24.00	FB	19		P		CURRENTLY FLOWING ON 14/64 CHOKE 1375 PSIG 348 MCF 383 OIL 259 WTR (24 HOUR READING)

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
4301351389	Layton 4-2B3		NESW	2	2S	3W	Duchesne
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
C	18692	18692	8/22/2012			1/17/2012	
Comments: Wasatch WSTC						1/31/2013	

Well 2

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

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)

RECEIVED
JAN 23 2013
Div. of Oil, Gas & Mining

Maria S. Gomez
Name (Please Print)

Maria S. Gomez
Signature

Principle Regulatory Analyst
Title

1/22/2013
Date

(5/2000)

CONFIDENTIAL

RECEIVED
JAN 2 3 2013
DIV. OF OIL, GAS & MINING

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

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

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

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

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

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1574' FSL & 1323' FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: Same
AT TOTAL DEPTH: Same

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME: 96-55

8. WELL NAME and NUMBER: Layton 4-2B3

9. API NUMBER: 4301351389

10 FIELD AND POOL, OR WILDCAT: Altamont/Bluebell

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 2 2S 3W U

12. COUNTY: Duchesne 13. STATE: UTAH

14. DATE SPUDDED: 8/22/2012 15. DATE T.D. REACHED: 10/25/2012 16. DATE COMPLETED: 11/17/2012 ABANDONED ☐ READY TO PRODUCE ☑ 17. ELEVATIONS (DF, RKB, RT, GL): GL 5967'

18. TOTAL DEPTH: MD 13,398 TVD 13,398 19. PLUG BACK T.D.: MD TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Sonic, Gamma Ray, Resistivity, Neutron Density & XRMI, Mud, CBL, SP/DSN/ACTR,

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
20	13.375 J-55	54	0	1,014		G 1,125	900	0	-
12.25	9.625 N-80	40	0	5,820		G 1,230	660	0	-
8.75	7 P-110	29	0	10,820		G 421	400	5250'	-
6.125	4.5 P-110	13.5	10,594	13,398		H 200	57	10920'	-

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	9,600							

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	11,132	13,394	11,132	13,394	12,807 13,032	0	69	Open ☑ Squeezed ☐
(B)					12,444 12,781	0	69	Open ☑ Squeezed ☐
(C)					12,165 12,416	0	69	Open ☑ Squeezed ☐
(D)					11,911 12,144	0	69	Open ☑ Squeezed ☐

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
12807' - 13032'	4998 gal 15% HCL Acid, 3240# 100 mesh, 116220# SB Prime 20/40
12444' - 12781'	4998 gal 15% HCL acid, 3000# 100 mesh, 130480# SB Prime 20/40
12165' - 12416'	4998 gal 15% HCL acid, 3000# 100 mesh, 129998# SB Prime 20/40

29. ENCLOSED ATTACHMENTS: Logs were sent by logging company to UDOGM

30. WELL STATUS:

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

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(5/2000) (CONTINUED ON BACK)

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:
11/17/2012	11/17/2012	24		600	450	250	FL

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:
14		2,050	60.00	1,400	750		600	450	250	FL

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)
				Lower Green River	9,382
				Wasatch	10,833

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 1/22/2013

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

(5/2000)

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Attachment to Well Completion Report

Form 8 Dated January 22, 2013

Well Name: Layton 4-2B3

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
11648'-11872'	0	69	Open
11339'-11609'	0	69	Open
11076'-11314'	0	69	Open
10856'-11052'	0	69	Open

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

Depth Interval	Amount and Type of Material
11911'-12144'	Acidized w/4998 gals 15% HCL. Frac w/3000 #'s 100 mesh, and 135720 #'s SB Prime 20/40
11648'-11872'	Acidized w/4998 gals 15% HCL. Frac w/5500 #'s 100 mesh, and 116280 #'s SB Prime 20/40
11339'-11609'	Acidized w/4998 gals 15% HCL. Frac w/3500 #'s 100 mesh, and 145680 #'s SB Prime 20/40
11076'-11314'	Acidized w/5000 gals 15% HCL. Frac w/3000 #'s 100 mesh, and 140000 #'s SB Prime 20/40
10856'-11052'	Acidized w/5576 gals 15% HCL. Frac w/6000 #'s 100 mesh, and 142182 #'s SB Prime 20/40

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CENTRAL DIVISION

ALTAMONT FIELD
LAYTON 4-2B3
LAYTON 4-2B3
LAYTON 4-2B3

Deviation Summary Report

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	LAYTON 4-2B3	Wellbore No.	OH
Wellbore Legal Name	LAYTON 4-2B3	Common Wellbore Name	LAYTON 4-2B3
Project	ALTAMONT FIELD	Site	LAYTON 4-2B3
Vertical Section Azimuth		North Reference	True
Origin N/S		Origin E/W	
Spud Date/Time	9/22/2012	UWI	LAYTON 4-2B3
Active Datum	KB @5,989.0ft (above Mean Sea Level)		

2 Survey Name

2.1 Survey Name: Survey #1

Survey Name	Survey #1	Company	El Paso
Started	9/22/2012	Ended	
Tool Name		Engineer	El 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 (°)
9/22/2012	Tie On	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/22/2012	NORMAL	540.0	0.46	40.14	540.0	1.66	1.40	1.66	0.09	0.09	0.00	40.14
	NORMAL	790.0	0.35	322.83	790.0	3.03	1.58	3.03	0.21	-0.04	-30.92	-138.29
	NORMAL	1,010.0	0.26	313.99	1,010.0	3.91	0.82	3.91	0.05	-0.04	-4.02	-156.77
9/23/2012	NORMAL	1,881.0	1.42		1,880.9	16.08	-0.60	16.08	0.14	0.13	5.28	54.59
	NORMAL	2,532.0	1.69		2,531.6	33.75	-0.60	33.75	0.04	0.04	0.00	0.00
	NORMAL	3,217.0	1.69		3,216.4	53.95	-0.60	53.95	0.00	0.00	0.00	0.00
9/24/2012	NORMAL	4,615.0	0.70		4,614.0	83.10	-0.60	83.10	0.07	-0.07	0.00	180.00

2.2 Survey Name: Survey #2

Survey Name	Survey #2	Company	VAUGHN ENERGY SERVICES LLC (GYRO TECHNOLOGIES INC)
Started	9/30/2012	Ended	10/1/2012
Tool Name	GMS	Engineer	El Paso

2.2.1 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

2.2.2 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 (°)
9/30/2012	Tie On	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/30/2012	NORMAL	200.0	0.14	233.35	200.0	-0.15	-0.20	-0.15	0.07	0.07	0.00	233.35
	NORMAL	400.0	0.24	256.96	400.0	-0.39	-0.81	-0.39	0.06	0.05	11.81	52.15
	NORMAL	600.0	0.20	266.34	600.0	-0.51	-1.56	-0.51	0.03	-0.02	4.69	142.09
	NORMAL	800.0	0.11	241.20	800.0	-0.63	-2.08	-0.63	0.05	-0.04	-12.57	-153.18
	NORMAL	1,000.0	0.18	226.57	1,000.0	-0.94	-2.48	-0.94	0.04	0.03	-7.32	-37.09
	NORMAL	1,200.0	0.28	238.50	1,200.0	-1.41	-3.12	-1.41	0.05	0.05	5.97	32.00
	NORMAL	1,400.0	0.44	247.13	1,400.0	-1.96	-4.24	-1.96	0.08	0.08	4.32	22.97
	NORMAL	1,600.0	0.42	272.01	1,600.0	-2.23	-5.68	-2.23	0.09	-0.01	12.44	107.26
	NORMAL	1,800.0	0.56	271.61	1,800.0	-2.18	-7.40	-2.18	0.07	0.07	-0.20	-1.61
	NORMAL	2,000.0	0.51	265.39	2,000.0	-2.22	-9.26	-2.22	0.04	-0.03	-3.11	-136.56
	NORMAL	2,200.0	0.80	247.91	2,200.0	-2.82	-11.44	-2.82	0.18	0.15	-8.74	-42.90
	NORMAL	2,400.0	1.03	254.03	2,399.9	-3.84	-14.47	-3.84	0.12	0.11	3.06	26.61
	NORMAL	2,600.0	1.28	260.53	2,599.9	-4.70	-18.40	-4.70	0.14	0.12	3.25	30.98
	NORMAL	2,800.0	1.86	273.58	2,799.8	-4.87	-23.83	-4.87	0.34	0.29	6.53	38.37
	NORMAL	3,000.0	1.59	272.76	2,999.7	-4.53	-29.84	-4.53	0.13	-0.13	-0.41	-175.01
	NORMAL	3,200.0	1.87	273.27	3,199.6	-4.21	-35.86	-4.21	0.14	0.14	0.26	3.50
	NORMAL	3,400.0	1.95	268.79	3,399.5	-4.10	-42.52	-4.10	0.09	0.04	-2.24	-62.32
	NORMAL	3,600.0	1.71	265.47	3,599.4	-4.41	-48.90	-4.41	0.13	-0.12	-1.66	-158.09
	NORMAL	3,800.0	1.41	250.92	3,799.4	-5.45	-54.19	-5.45	0.25	-0.15	-7.27	-134.39
	NORMAL	4,000.0	1.08	247.28	3,999.3	-6.98	-58.26	-6.98	0.17	-0.16	-1.82	-168.20
	NORMAL	4,200.0	1.20	247.12	4,199.3	-8.52	-61.93	-8.52	0.06	0.06	-0.08	-1.62
	NORMAL	4,400.0	1.02	243.65	4,399.2	-10.12	-65.44	-10.12	0.10	-0.09	-1.73	-161.82
	NORMAL	4,600.0	1.21	242.93	4,599.2	-11.87	-68.91	-11.87	0.10	0.10	-0.36	-4.45
	NORMAL	4,800.0	1.20	236.38	4,799.1	-13.99	-72.53	-13.99	0.07	-0.01	-3.28	-97.84
	NORMAL	5,000.0	1.35	235.93	4,999.1	-16.46	-76.22	-16.46	0.08	0.08	-0.22	-3.98
	NORMAL	5,200.0	1.85	235.35	5,199.0	-19.62	-80.83	-19.62	0.25	0.25	-0.29	-2.12
	NORMAL	5,400.0	1.59	215.19	5,398.9	-23.72	-85.09	-23.72	0.33	-0.13	-10.08	-123.10
	NORMAL	5,600.0	1.34	189.71	5,598.9	-28.30	-87.08	-28.30	0.35	-0.13	-12.74	-123.57
	NORMAL	5,696.0	1.11	182.94	5,694.8	-30.33	-87.32	-30.33	0.28	-0.24	-7.06	-151.42

2.3 Survey Name: Survey #3

Survey Name	Survey #3	**Company**	RYAN ENERGY TECHNOLOGIES
Started	10/1/2012	**Ended**	
Tool Name	MWD	**Engineer**	TONY

2.3.1 Tie On Point

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)
5,696.0	1.11	182.94	5,694.8	-30.33	-87.32

2.3.2 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 (°)
10/1/2012	Tie On	5,696.0	1.11	182.94	5,694.8	-30.33	-87.32	-30.33	0.00	0.00	0.00	0.00
	NORMAL	5,851.0	1.19	178.64	5,849.8	-33.43	-87.36	-33.43	0.08	0.05	-2.77	-48.21
	NORMAL	5,944.0	0.22	330.56	5,942.8	-34.24	-87.42	-34.24	1.49	-1.04	163.35	175.72
	NORMAL	6,037.0	1.49	359.56	6,035.8	-32.88	-87.52	-32.88	1.40	1.37	31.18	33.70
	NORMAL	6,130.0	2.02	43.07	6,128.8	-30.47	-86.41	-30.47	1.50	0.57	46.78	91.02
	NORMAL	6,223.0	1.01	57.74	6,221.7	-28.84	-84.60	-28.84	1.15	-1.09	15.77	166.22
	NORMAL	6,316.0	1.58	57.66	6,314.7	-27.71	-82.82	-27.71	0.61	0.61	-0.09	-0.22
	NORMAL	6,409.0	2.59	49.83	6,407.6	-25.67	-80.13	-25.67	1.13	1.09	-8.42	-19.69
	NORMAL	6,502.0	1.49	48.03	6,500.6	-23.51	-77.63	-23.51	1.18	-1.18	-1.94	-177.57

2.3.2 Survey Stations (Continued)

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
10/1/2012	NORMAL	6,595.0	1.32	54.36	6,593.6	-22.08	-75.86	-22.08	0.25	-0.18	6.81	140.74
	NORMAL	6,688.0	1.58	46.85	6,686.5	-20.57	-74.05	-20.57	0.35	0.28	-8.08	-39.96
10/1/2012	NORMAL	6,781.0	2.20	52.25	6,779.5	-18.61	-71.70	-18.61	0.69	0.67	5.81	18.74
	NORMAL	6,874.0	2.59	42.14	6,872.4	-15.95	-68.88	-15.95	0.62	0.42	-10.87	-52.41
	NORMAL	6,917.0	1.19	48.87	6,915.4	-14.94	-67.89	-14.94	3.29	-3.26	15.65	174.34
	NORMAL	7,061.0	1.89	33.97	7,059.3	-11.99	-65.44	-11.99	0.56	0.49	-10.35	-37.36
	NORMAL	7,154.0	3.12	39.77	7,152.2	-8.77	-62.96	-8.77	1.35	1.32	6.24	14.55
	NORMAL	7,247.0	1.89	63.94	7,245.1	-6.15	-59.97	-6.15	1.72	-1.32	25.99	150.99
	NORMAL	7,340.0	1.71	73.43	7,338.1	-5.08	-57.26	-5.08	0.37	-0.19	10.20	125.81
	NORMAL	7,434.0	2.11	53.35	7,432.0	-3.65	-54.53	-3.65	0.82	0.43	-21.36	-69.43
	NORMAL	7,527.0	2.29	67.37	7,525.0	-1.91	-51.44	-1.91	0.61	0.19	15.08	78.60
	NORMAL	7,620.0	2.50	82.27	7,617.9	-0.92	-47.71	-0.92	0.70	0.23	16.02	78.90
10/2/2012	NORMAL	7,714.0	2.02	100.46	7,711.8	-0.95	-44.05	-0.95	0.91	-0.51	19.35	132.65
	NORMAL	7,807.0	1.80	111.45	7,804.8	-1.78	-41.08	-1.78	0.46	-0.24	11.82	126.40
	NORMAL	7,900.0	1.49	126.43	7,897.7	-3.03	-38.75	-3.03	0.57	-0.33	16.11	133.12
	NORMAL	7,993.0	1.49	147.35	7,990.7	-4.77	-37.12	-4.77	0.58	0.00	22.49	100.46
	NORMAL	8,086.0	1.58	177.85	8,083.7	-7.07	-36.42	-7.07	0.87	0.10	32.80	99.11
	NORMAL	8,180.0	0.79	184.66	8,177.6	-9.01	-36.43	-9.01	0.85	-0.84	7.24	173.28
	NORMAL	8,273.0	1.32	189.93	8,270.6	-10.70	-36.66	-10.70	0.58	0.57	5.67	13.02
10/4/2012	NORMAL	8,366.0	1.80	190.46	8,363.6	-13.19	-37.11	-13.19	0.52	0.52	0.57	1.99
	NORMAL	8,459.0	1.71	203.64	8,456.6	-15.90	-37.94	-15.90	0.44	-0.10	14.17	109.10
	NORMAL	8,552.0	1.80	221.75	8,549.5	-18.26	-39.47	-18.26	0.60	0.10	19.47	89.91
	NORMAL	8,645.0	2.20	212.34	8,642.5	-20.86	-41.39	-20.86	0.56	0.43	-10.12	-44.15
	NORMAL	8,739.0	2.50	210.37	8,736.4	-24.15	-43.39	-24.15	0.33	0.32	-2.10	-16.06
	NORMAL	8,832.0	2.90	214.00	8,829.3	-27.85	-45.74	-27.85	0.47	0.43	3.90	24.97
10/5/2012	NORMAL	8,925.0	2.99	232.95	8,922.2	-31.27	-48.99	-31.27	1.05	0.10	20.38	94.23
	NORMAL	9,018.0	2.99	247.63	9,015.0	-33.65	-53.17	-33.65	0.82	0.00	15.78	97.33
	NORMAL	9,111.0	3.12	250.66	9,107.9	-35.41	-57.80	-35.41	0.22	0.14	3.26	52.68
	NORMAL	9,204.0	2.50	257.26	9,200.8	-36.70	-62.16	-36.70	0.75	-0.67	7.10	155.71
	NORMAL	9,297.0	2.29	260.46	9,293.7	-37.45	-65.97	-37.45	0.27	-0.23	3.44	149.10
	NORMAL	9,391.0	2.59	274.83	9,387.6	-37.58	-69.94	-37.58	0.72	0.32	15.29	71.18
10/6/2012	NORMAL	9,484.0	2.81	275.54	9,480.5	-37.19	-74.31	-37.19	0.24	0.24	0.76	9.00
	NORMAL	9,576.0	2.50	280.77	9,572.4	-36.60	-78.52	-36.60	0.43	-0.34	5.68	144.59
	NORMAL	9,669.0	1.80	271.93	9,665.4	-36.17	-81.97	-36.17	0.83	-0.75	-9.51	-159.02
	NORMAL	9,762.0	1.71	258.35	9,758.3	-36.40	-84.79	-36.40	0.46	-0.10	-14.60	-108.94
	NORMAL	9,855.0	1.41	240.47	9,851.3	-37.24	-87.15	-37.24	0.61	-0.32	-19.23	-130.37
	NORMAL	9,949.0	1.80	226.14	9,945.2	-38.84	-89.22	-38.84	0.59	0.41	-15.24	-53.14
	NORMAL	10,042.0	1.80	213.44	10,038.2	-41.07	-91.08	-41.07	0.43	0.00	-13.66	-96.35
	NORMAL	10,135.0	2.02	212.17	10,131.1	-43.67	-92.75	-43.67	0.24	0.24	-1.37	-11.53
	NORMAL	10,228.0	2.20	187.87	10,224.1	-46.83	-93.87	-46.83	0.97	0.19	-26.13	-90.93
	NORMAL	10,321.0	2.50	193.84	10,317.0	-50.57	-94.60	-50.57	0.42	0.32	6.42	42.22
	NORMAL	10,415.0	2.11	196.96	10,410.9	-54.21	-95.60	-54.21	0.44	-0.41	3.32	163.72
	NORMAL	10,508.0	2.29	190.63	10,503.9	-57.68	-96.44	-57.68	0.32	0.19	-6.81	-56.66
	NORMAL	10,601.0	2.20	185.05	10,596.8	-61.28	-96.94	-61.28	0.25	-0.10	-6.00	-115.15
10/16/2012	NORMAL	11,169.0	2.16		11,164.7	-61.44	-97.90	-61.44	0.77	-0.01	30.80	177.50
10/25/2012	NORMAL	13,400.0	1.48	0.00	13,394.5	9.42	-97.90	9.42	0.03	-0.03	0.00	180.00

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: LAYTON 4-2B3

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43013513890000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002

PHONE NUMBER: 713 997-5038 Ext

9. FIELD and POOL or WILDCAT: BLUEBELL

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1574 FSL 1323 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 02 Township: 02.0S Range: 03.0W 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		
✓ NOTICE OF INTENT Approximate date work will start: 4/9/2013	✓ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: repair rod

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

Please see attachment for procedure

Approved by the Utah Division of Oil, Gas and Mining

Date: April 08, 2013

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lisa Morales	713 997-3587	Regulatory Analyst
SIGNATURE N/A		**DATE** 4/8/2013

RECEIVED: Apr. 08, 2013

Layton 4-2B3 Rod Part Procedure Summary

- POOH w/rods & pump
- Acidize existing perfs w/ 7,500 gal 15% HCl.
- RIH w/ pump and rod string
- Clean location and resume production

RECEIVED: Apr. 08, 2013

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: LAYTON 4-2B3

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43013513890000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002 **PHONE NUMBER:** 713 997-5038 Ext

9. FIELD and POOL or WILDCAT: BLUEBELL

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1574 FSL 1323 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 02 Township: 02.0S Range: 03.0W 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		
✓ NOTICE OF INTENT Approximate date work will start: 7/29/2015	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

EP plans to recomplete this well to the Wasatch/LGR.

Approved by the Utah Division of Oil, Gas and Mining
July 27, 2015
Date:
By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE N/A		**DATE** 7/23/2015

RECEIVED: Jul. 23, 2015

Layton 4-2B3 Recom Summary Procedure

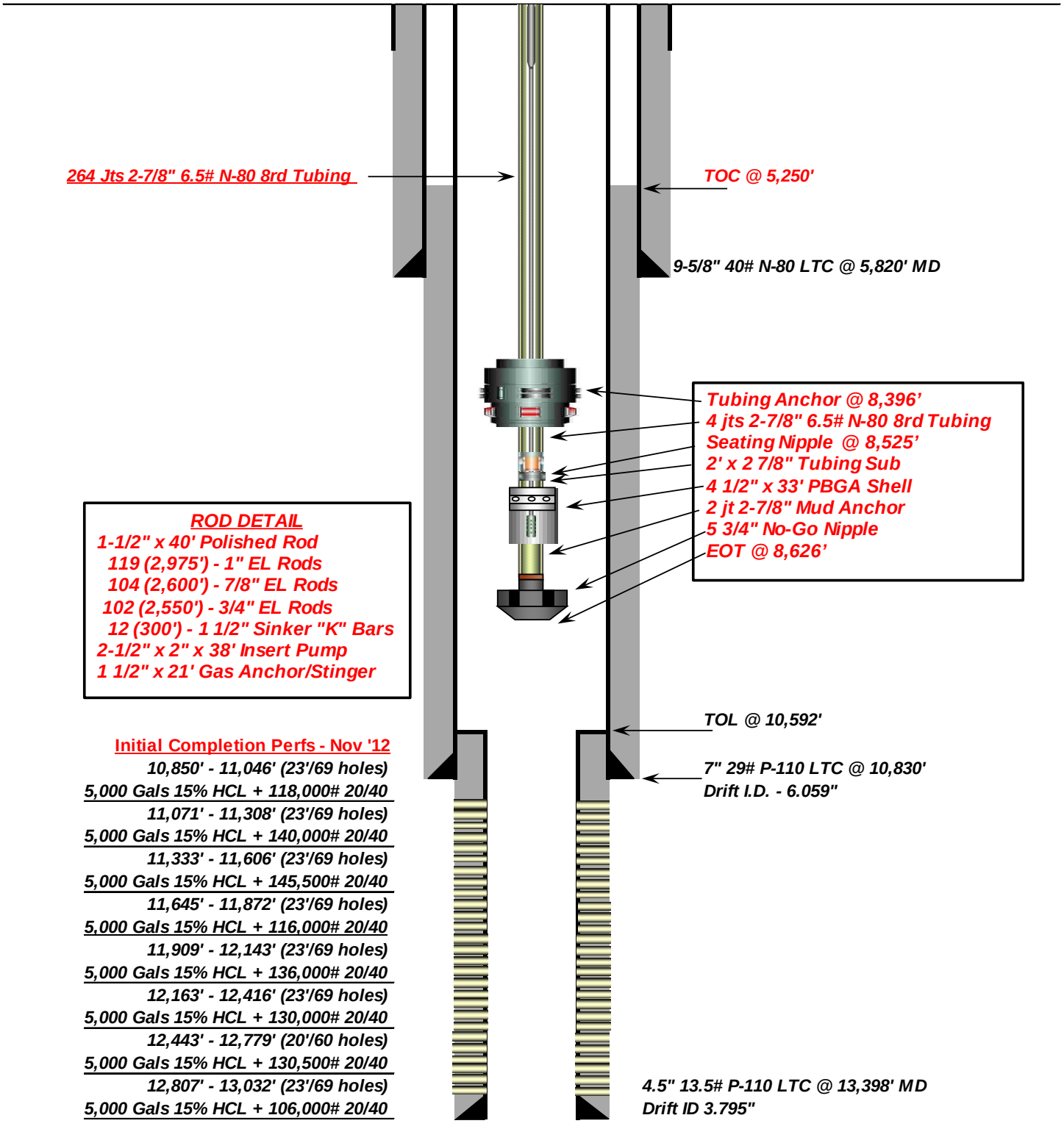
- POOH with rods, pump & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing and joints of rods.
- Circulate & Clean wellbore
- Set CBP for 4-1/2" 13.5# casing @ 10,843' to plug back currently producing zones (Top perf @ 10,850'). Dump bail 40' sand on top of plug @ 10,843'.
- Stage 1:
  - Perforate new CP70 interval from ~**10,618 – 10,795**'
  - Prop Frac perforations with **88,500 Lbs 30/50 prop** (w/**3,000 lbs 100 Mesh** & **5,000 Gal 15% HCl Aci**d) (STAGE 1 Recom)
- Stage 2:
  - RIH with 7"CBP & set @ 10,587'.
  - Perforate new LGR interval from ~**10,276 – 10,572'**
  - Prop Frac perforations with **130,000 Lbs 30/50 prop** (w/**3,000 lbs 100 Mesh** & **5,000 Gal 15% HCl Acid**) (STAGE 2 Recom)
- Stage 3:
  - RIH w/ 7" CBP & set @ 10,209'
  - Perforate new LGR interval from **~9,915' – 10,194**'
  - Acidize perforations with w/ **25,000 Gals 15% HCl Acid** (STAGE 3 Recom)
- Clean out well drilling up (2) 7" CBP, leaving 30' sand on top of 4-1/2" CBP @ 10,843'. Top perf BELOW plug @ 10,850'.
- RIH w/ production tubing and rods.
- Clean location and resume production.

RECEIVED: Jul. 23, 2015

EP ENERGY

Pumping Schematic as of July 18, 2015

Company Name:	EP Energy	Last Updated:	July 18, 2015
Well Name:	Layton 4-2B3	By:	Krug
Field, County, State:	Altamont - Bluebell, Duchesne, Utah	TD:	13,398
Surface Location:	Lat: 40° 20' 04.4379" N Long: 110° 11' 40.93524" W	BHL:	
Producing Zone(s):	Wasatch	Elevation:	

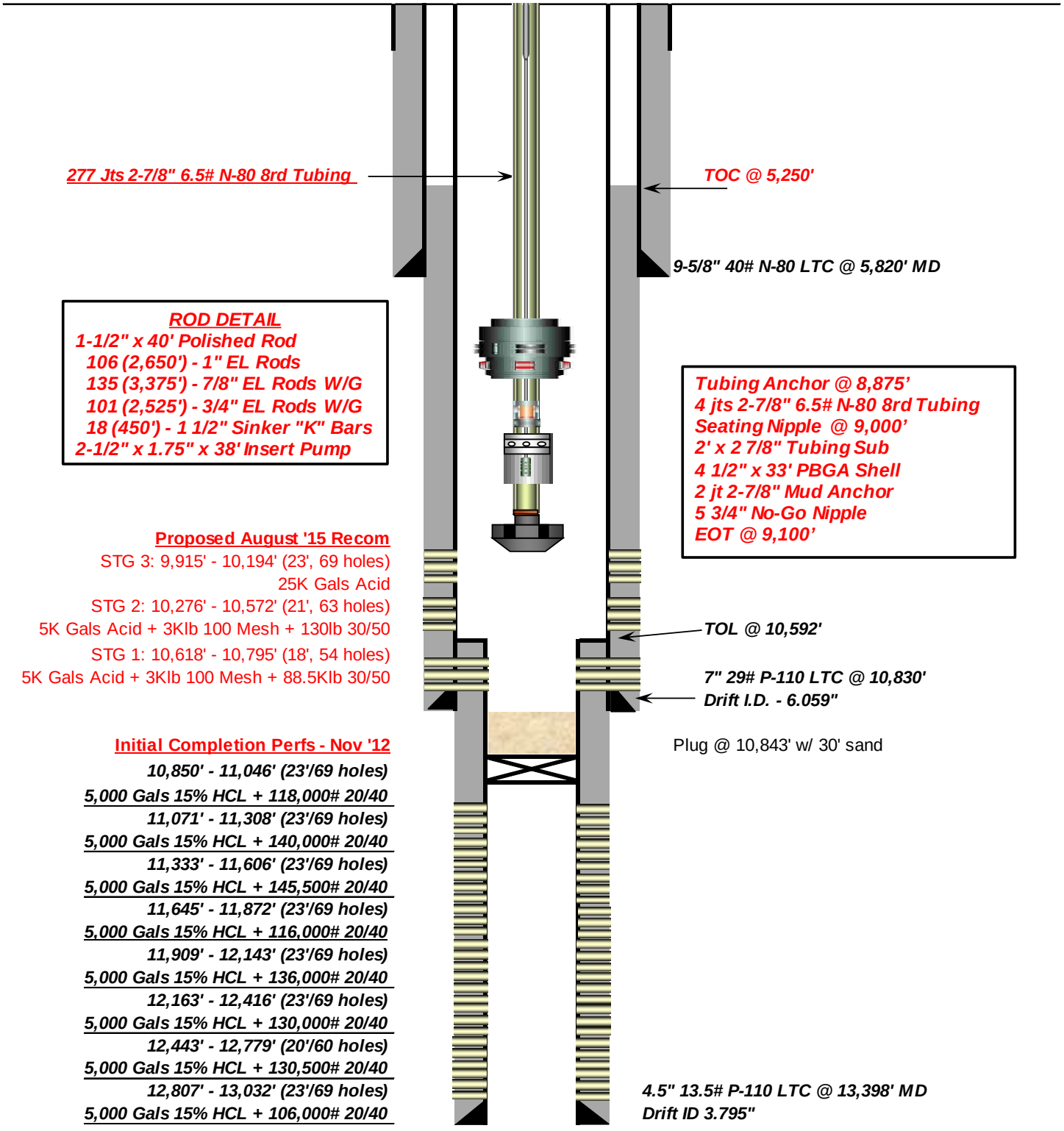


RECEIVED: Jul. 23, 2015

EP ENERGY

Proposed Recom as of July 20, 2015

Company Name:	*EP Energy*	**Last Updated:**	*July 20, 2015*
Well Name:	*Layton 4-2B3*	**By:**	*Krug*
Field, County, State:	*Altamont - Bluebell, Duchesne, Utah*	**TD:**	*13,398*
Surface Location:	*Lat: 40° 20' 04.4379" N Long: 110° 11' 40.93524" W*	**BHL:**	
Producing Zone(s):	*Wasatch*	**Elevation:**	



RECEIVED: Jul. 23, 2015

Reset Form

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

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME: 96-55

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

8. WELL NAME and NUMBER: Layton 4-2B3

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

9. API NUMBER: 4301351389

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002

PHONE NUMBER: (713) 997-5038

10 FIELD AND POOL, OR WILDCAT: Altamont/Bluebell

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1574' FSL & 1323' FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: Same
AT TOTAL DEPTH: Same

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 2 2S 3W U

12. COUNTY: Duchesne

13. STATE: UTAH

14. DATE SPUDDED: 8/22/2012

15. DATE T.D. REACHED: 10/25/2012

16. DATE COMPLETED: 8/10/2015 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): GL 5967'

18. TOTAL DEPTH: MD 13,398 TVD 13,398

19. PLUG BACK T.D.: MD TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

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

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
Previously									
Submitted									

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	9,114	8,880						

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	11,132	13,394	11,132	13,394	10,618	10,795	.38	54	Open ☑ Squeezed ☐
(B) LGR	9,382	11,132	9,382	11,132	10,276	10,572	.38	63	Open ☑ Squeezed ☐
(C)					9,915	10,194	.38	69	Open ☑ Squeezed ☐
(D)									Open ☑ Squeezed ☐

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
10618-10795	5000 gals 15% HCL Acid, 6740# 100 Mesh, 47600# 30/50 TLC
10276-10572	5000 gals 15% HCL Acid, 3040# 100 Mesh, 129800# 30/50 TLC
9915-10194	25405 gals 15% HCL Acid

29. ENCLOSED ATTACHMENTS: CBP tagged @ 11367' then set CPB @ 10836' w/40' sand on top

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

30. WELL STATUS:

(5/2000)

(CONTINUED ON BACK)

RECEIVED: Sep. 11, 2015

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:
8/10/2015	8/19/2015	24		283	46	328	Rod Pump

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:
NA	65	55	35.00	1	0		283	46	328	Producing

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)
				Previously Submitted	

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 Digitally signed by Maria Gomez DN: cn=Maria Gomez, o=EP Energy, ou=Regulatory, email=maria.gomez@epenergy.com, c=US Date: 2015.09.11 15:17:09 -05'00' DATE 9/11/2015

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

(5/2000)

RECEIVED: Sep. 11, 2015

CENTRAL DIVISION

ALTAMONT FIELD
LAYTON 4-2B3
LAYTON 4-2B3
RECOMPLETE LAND

Operation Summary Report

RECEIVED: Sep. 11, 2015

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	LAYTON 4-2B3		
Project	ALTAMONT FIELD	**Site**	LAYTON 4-2B3
Rig Name/No.		**Event**	RECOMPLETE LAND
Start date	7/23/2015	**End date**	
Spud Date/Time	9/22/2012	**UWI**	LAYTON 4-2B3
Active datum	KB @5,989.0ft (above Mean Sea Level)		
Afe No./Description	165228/54388 / LAYTON 4-2B3		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
7/31/2015	12:00	13:30	1.50	WOR	18		P		MOVED RIG FROM 2-34Z2 TO THE 4-2B3. FILLED OUT JSA ON RIGGING UP RIG.
	13:30	14:30	1.00	MIRU	01		P		MIRU WHILE PUMPING 60 BBLS DOWN CSG.
	14:30	15:30	1.00	WOR	06		P		UNSEATED PUMP. FLUSHED TBG W/ 50 BBLS.
	15:30	18:30	3.00	WOR	39		P		TOOH W/ 118-1"(98-SLK, 20-W/G), 104-7/8 W/G, 102 3/4 W/G, 12-1 1/2" K-BARS, 2 1/2" X 2" X 40' PUMP. INSTALED TIW AND NIGHT CAP IN TUBING. LEFT CSG OPEN TO TREATER.
8/1/2015	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON NIPPLING UP BOPE. FILLED OUT JSA
	7:30	11:00	3.50	WOR	16		P		0 TSIP, 50 CSIP. BLED DOWN WELL. OPENED WELL. ND WELLHEAD. PU ON TBG. INSTALLED 6' SUB UNDER HANGER. LANDED TBG. INSTALLED 2 WAY CHECK.. PRESUURE TEST BOP @ 5000 PSI . NU LUBR.ICATOR PULLED 2 WAY CHECK.
	11:00	14:00	3.00	WOR	39		P		RU RIG FLOOR RELEASED TAC. TOOH W/264-JTS 2 7/8 L-80 EUE TBG, TAC, 4-JTS 2 7/8 L-80 EUE TBG. SN, 2' 2 7/8 TBG SUB, 4 1/2 PBGA SHELL, 2 JTS 2 7/8 L-80 EUE TBG, 5 3/4" NO-GO AND 2 7/8 BULL PLUG.
	14:00	19:00	5.00	WLWORK	26		P		RU WIRELINE. PRESSURE TEST LUBRICATOR. RIH W/ 3.70 GR/JB TO 10855'. POOH. RIH W/ 5.97 GR/JB TO LINER TOP @ 10592' POOH. RIH SET HALLIBURTON 12K - 15K 4.5"CBP @ 10843' W/ 0 WELL PRESSURE. POOH. RD WIRELINE. CLOSEDIN WELL. CBP @ 10843', CLOSED AND LOCKED BLIND RAMS. CLOSED CSG VALVES AND INSTALLED NIGHT CAPS. SDFN.
8/2/2015	6:00	7:30	1.50	WOR	18		P		NO ACTIVITY
8/3/2015	6:00	6:00	24.00	WOR	18		P		NO ACTIVITY
8/4/2015	6:00	7:30	1.50	WLWORK	28		P		CREW TRAVEL HELD SAFETY MEETING ON RIGGING UP WIRELINE.
	7:30	12:00	4.50	WLWORK	18		P		RU WIRELINE PRESSURE TEST LUBRICATOR. MADE 3 DUMP BAILER RUNS DUMPED BAILED 40' SAND ON TOP OF CBP @ 10843'. RD WIRELINE.
	12:00	14:30	2.50	WHDTRE	16		P		RD RIG FLOOR. ND BOP. NU 7" FRAC MANUAL FRAC VALVE. STARED FILLING CSG. CONTINUED NU 7" HCR VALVE, GOAT HEAD, 7" HCR VALVE AND WIRELINE FLANGE.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	14:30	15:00	0.50	WHDTRE	06		P		FILLED CSG W/ 300 BBLS. PUMPED 50 BBLS@ 3 BPM @ 1000 PSI. COULDN'T GET OVER 1000 PSI. ISIP 0 PSI..
	15:00	16:30	1.50	WHDTRE	16		P		ND WIRELINE FLANGE, 7" HCR VALVE, GOAT HEAD AND 7" HCR VALVE LEFT 7" MANUAL VALVE. NU 5K BOP.
	16:30	19:30	3.00	WLWORK	26		P		RU WIRELINE RIH W/ CCL AND WEIGHT BAR. TAGGED CBP @ 11367'. RIH SET BAKER 12K CBP @ 10836' RD WIRELINE. CLOSED IN WELL. CLOSED FRAC VALVE. INSTALLED NIGHT CAP. CLOSED CSG VALVES AND INSTALLED NIGHT CAP. SDFN
8/5/2015	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON WIRELINE SAFETY. FILLED OUT JSA.
	7:30	11:00	3.50	WLWORK	26		P		RU WIRELINE MADE 3 RUNS DUMPED BAILED 40' SAND ON TOP OF CBP @ 10836'. RD WIRELINE
	11:00	13:00	2.00	WOR	73		P		WAIT FOR SAND TO SETTLE.
	13:00	14:30	1.50	WOR	06		P		FILLED CSG W/ 150 BBLS 2% KCL. PRESSURE TEST CSG @ 8000 PSI HELD. BLED DOWN WELL.
	14:30	18:00	3.50	WHDTRE	16		P		NU 7" HCR VALVE, 7" GOAT HEAD, 7" HCR VALVE AND WIRELINE FLANGE. PRESSURE TEST FRAC STACK @ 9500 PSI HELD. CLOSED IN WELL CLOSED ALL FRAC VALVES. CLOSED CSG VALVES AND INSTALLED NIGHT CAPS.
8/6/2015	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON RIGGING UP FLOW BACK LINES.
	7:30	10:30	3.00	WOR	18		P		RAN FLOW BACK LINES. STARTED HEATING WATER.
	10:30	12:30	2.00	WOR	06		P		TRANSFERRED WATER THRU CL02 UNIT.
	12:30	15:30	3.00	WLWORK	21		P		MIRU WIRELINE PERFORATED STAGE #1 FROM 10795' TO 10618'. ALL PERFS CORRELATED TO LONE WOLF RADIAL CBL, GAMMA RAY, CCL LOG RUN #1 DATED 11/08/2012. 18 NET FT. 54 SHOTS. 2 3/4" GUNS, 16 GM CHARGES, 3 SPF, 120 PHASING. STARTING PRESSURE 1000 PSI. FINAL PRESSURE 1000 PSI. RD WIRELINE. CLOSED IN WELL CLOSED AND LOCKED FRAC VALVES CLOSED CSG VALVES AND INSTALL NIGHT CAPS.
8/7/2015	9:00	10:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON RIGGING UP FRAC EQUIPMENT. FILLED OUT JSA.
	10:30	11:30	1.00	WOR	42		P		1800 CSIP. WAIT FOR HALLIBURTON TO ARRIVE ON LOCATION.
	11:30	17:30	6.00	MIRU	01		P		RIG UP FRAC EQUIPMENT.
	17:30	19:30	2.00	STG01	35		P		PRESS TEST@ 8984.OPENED UP WELL W/ 1686 PSI. BREAK DOWN STAGE # 1 PERFS @ 5861 PSI, 10.2 BPM, 12 BBLS PUMPED. EST INJ RATE 38.8 BPM, 7409 PSI. STEP RATE TEST 14 OPEN PERFS. I.S.I.P. 4990 PSI. F.G. .899, 5 MIN 4559 PSI, 10 MIN 4369 PSI. TREATED PERFS W/ 5000 GALS 15% HCL ACID. PRESSURE CAME UP WHEN ACID HIT. RAN TWO EXTRA PAD STAGES. AND EXTRA 100 MESH STAGE TRYING TO GET PRESSURE RELIEF. PRESSURE REMAINED @ 60 BPM @ 7200 PSI. PUMPED 6700 LBS 100 MESH IN 1/2 PPG STAGES AND 5000 LBS THS 30/50. IN .5# STAGE. AVG RATE 35 BPM, MAX RATE 64.7 BPM. AVG PRESS 6398, MAX PRESS 7855. I.S.I.P. 5329 PSI. F.G. .931. SHUT WELL IN 3509 BBLS TO RECOVER. TURNED WELL OVER TO WIRELINE
	19:30	22:30	3.00	WLWORK	18		P		MADE TD RUN TAGGED @ 10792'.RD WIRELINE. CLOSED IN WELL CLOSED AND LOCKED FRAC VALVES CLOSED CSG VALVES AND INSTALL NIGHT CAPS.
8/8/2015	6:00	7:30	1.50	STG01	28		P		CREW TRAVEL.HELD SAFETY MEETING ON RIGGING UP WIRELINE(LINE OF FIRE).. 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	8:30	1.00	STG02	21		P		RE- PERFORATED STAGE #1 EXCEPT FOR BTM INTERVAL. FROM 10774' TO 10618'. ALL PERFS CORRELATED TO LONE WOLF RADIAL CBL, GAMMA RAY, CCL LOG RUN #1 DATED 11/08/2012. 16 NET FT. 48 SHOTS. 2 3/4" GUNS, 16 GM CHARGES, 3 SPF, 120 PHASING. STARTING PRESSURE 4000 PSI. FINAL PRESSURE 4000 PSI. TURNED WELL OVER TO FRAC CREW.
	8:30	10:00	1.50	STG01	35		P		PRESS TEST@ 9023.OPENED UP WELL W/ 4035 PSI. BREAK DOWN STAGE # 1 PERFS @ 6187 PSI, 10 BPM, 28 BBLS PUMPED. EST INJ RATE 38 BPM, 7456 PSI. STEP RATE TEST 23 OPEN PERFS. I.S.I.P. 6254 PSI. F.G. 1.017. 5 MIN 4968 PSI, 10 MIN 4798 PSI, 15 MIN 4687. TREATED PERFS W/ 5000 GALS 15% HCL ACID. DID NOT HAVE 100 MESH ON LOCATION. PUMPED 3000 LBS 30/50 TLC IN 1/2 PPG STAGES AND 39500 LBS TLC 30/50. IN .5#, 1# AND 1.5# STAGES. AVG RATE 62 BPM, MAX RATE 63 BPM. AVG PRESS 7135, MAX PRESS 7739. I.S.I.P. 5899 PSI. F.G. .984. SHUT WELL IN 2788 BBLS TO RECOVER. TURNED WELL OVER TO WIRELINE
	10:00	13:00	3.00	STG02	21		P		SET CBP @ 10587' W/ 4600 PSI. PERFORATED STAGE #2. FROM 10572' TO 10276'. ALL PERFS CORRELATED TO LONE WOLF RADIAL CBL, GAMMA RAY, CCL LOG RUN #1 DATED 11/08/2012. 21 NET FT. 63 SHOTS. USING 2 3/4" GUNS, 16 GM CHARGES, 3 SPF, 120 PHASING. STARTING PRESSURE 4600 PSI. FINAL PRESSURE 4600 PSI. TURNED WELL OVER TO FRAC CREW.
	13:00	14:30	1.50	STG02	35		P		PRESS TEST@ 9102.OPENED UP WELL W/ 4369 PSI. BREAK DOWN STAGE # 2 PERFS @ 4838 PSI, 10 BPM, 15 BBLS PUMPED. EST INJ RATE 44.8 BPM, 5650 PSI. STEP RATE TEST 31 OPEN PERFS. I.S.I.P. 4325 PSI. F.G. .848. 5 MIN 4175 PSI, 10 MIN 4180 PSI. TREATED PERFS W/ 5000 GALS 15% HCL ACID. PUMPED 3000 LBS 100 MESH IN 1/2 PPG STAGE. AND 129,800 LBS TLC 30/50. IN .5#, 1#, 1.25#, 1.5# AND 2#STAGES. AVG RATE 70 BPM, MAX RATE 75.6 BPM. AVG PRESS 6098, MAX PRESS 6754. I.S.I.P. 4548 PSI. F.G. .869. SHUT WELL IN 4511 BBLS TO RECOVER. TURNED WELL OVER TO WIRELINE
	14:30	17:00	2.50	STG03	21		P		SET CBP @ 10209' W/ 4400 PSI. PERFORATED STAGE #3. FROM 10194' TO 9915'. ALL PERFS CORRELATED TO LONE WOLF RADIAL CBL, GAMMA RAY, CCL LOG RUN #1 DATED 11/08/2012. 23 NET FT. 69 SHOTS. USING 2 3/4" GUNS, 16 GM CHARGES, 3 SPF, 120 PHASING. STARTING PRESSURE 4400 PSI. FINAL PRESSURE 4400 PSI. TURNED WELL OVER TO FRAC CREW.
	17:00	18:00	1.00	STG03	35		P		PRESS TEST@ 9011.OPENED UP WELL W/ 4202 PSI. BREAK DOWN STAGE # 3 PERFS @ 4861 PSI, 10 BPM, 8 BBLS PUMPED. EST INJ RATE 43.8 BPM, 5500 PSI. STEP RATE TEST 28 OPEN PERFS. I.S.I.P. 4284 PSI. F.G. .859. 5 MIN 4197 PSI, 10 MIN 4152 PSI. TREATED PERFS W/ 12500 GALS 15% HCL ACID. DROPPED 95 BIO BALLS FOR DIVERTER. PUMPED 12500 GALS 15% HCL ACID. AVG RATE 35 BPM, MAX RATE 50.5 BPM. AVG PRESS 4500, MAX PRESS 7800. I.S.I.P. 3548 PSI. F.G. .869. SHUT WELL IN 1157 BBLS TO RECOVER. CLOSED IN WELL CLOSED AND LOCKED FRAC VALVES CLOSED CSG VALVES AND INSTALL NIGHT CAPS.
	18:00	20:00	2.00	RDMO	02		P		RD FRAC EQUIPMENT AND MOVED OFF LOCATION.
8/9/2015	6:00	8:00	2.00	FB	28		P		CREW TRAVEL HELD SAFETY MEETING ON FLOW BACK PROCEDURES. FILLED OUT JSA.
	8:00	8:05	0.08	FB	17		P		OPENED WELL ON 12/64 CHOKE W/ 3200 PSI.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	8:05	6:00	21.92	FB	19		P		1350 PSI ON 12/64 CHOKE. RECOVERED 0 MCF, 0 BBLS OIL AND 1007 BBLS H2O.
8/10/2015	6:00	6:30	0.50	FB	28		P		HELD SAFETY MEETING ON FLOWBACK PROCEDURES. FILLED OUT JSA.
	6:30	6:00	23.50	FB	28		P		1450 PSI ON 12/64 CHOKE. RECOVERED 0 MCF, 260 BBLS OIL AND 308 BBLS H2O.
8/11/2015	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON NIPPKING DOWN FRAC VALVES.
	7:30	9:00	1.50	WHDTRE	16		P		ND FRAC STACK TO BTM 7" MANUAL FRAC VALVE.
	9:00	14:30	5.50	CTU	01		P		MOVED AND RIGGED COIL TBG, MADE UP BHA W/ 5.93 BLADED MILL. FUNCTION TEST TOOLS. PRESSURE TEST LUBRICATOR @ 9000 PSI. HELD,
	14:30	23:00	8.50	CTU	10		P		RIH PUMPING 1 BPM AND RETURNING 1 BPM. TO 9900' INCREASED RATE TO 2.75 BPM AND RETURNING 3.5 BPM. DRILLOUT CBP @ 10209'.IN 1 1/2 HRS. DRILLED ON CBP @ 10587' FOR 3 1/2 HRS.
	23:00	2:30	3.50	CTU	39		P		TOOH W/ COIL TBG. CUT 50' COIL . CHANGED MILL TO 6"FLAT BTM MILL. FUNCTION TESTED TOOLS. PRESSURE TEST @ 9000 PSI.
	2:30	6:00	3.50	CTU	10		P		RIH PUMPING 1 BPM AND RETURNING 1 BPM. TO 9900' INCREASED RATE TO 2.75 BPM AND RETURNING 3.5 BPM. DRILLED OUT CBP @ 10587' IN @ 45 MINS. CHASED TO LINER TOP AND FINISHED DRILL CBP. CIRCULATE CLEAN ON BTM FOR 1 HR. SOOH W/ COIL.
8/12/2015	6:00	6:30	0.50	CTU	28		P		HELD SAFETY MEETING ON RIGGING DOWN COIL TBG. FILLED OUT JSA.
	6:30	8:30	2.00	CTU	39		P		FINISHED TOOH W/ COIL TBG AND BHA. BUMPED UP. LD BHA. BLEW COIL DRY. FINISNHED RIGGING DOWN COIL TBG.
	8:30	9:00	0.50	WHDTRE	16		P		NU 5 K BOP ON TOP OF 7" MANUAL FRAC VALVE. CLOSED AND LOCKED BLIND RAMS. OPEN UP WELL W/ 1200 PSI ON 12 CHOKE.
	9:00	6:00	21.00	FB	19		P		450 PSI ON 14/64 CHOKE. RECOVERED 0 MCF, 0 BBLS OIL AND 448 BBLS H2O
8/13/2015	6:00	6:30	0.50	FB	28		P		HELD SAFETY MEETING ON FLOW BACK PROCEDURES. FILLED OUT JSA.
	6:30	6:00	23.50	FB	19		P		40 PSI ON 18 CHOKE. RECOVERED 109 MCF, 237 BBLS OIL AND 265 BBLS H2O (0730 TO 0830 PRESSURE TEST AND CHARTED BOP).
8/14/2015	6:00	7:30	1.50	WLWORK	28		P		CREW TRAVEL HELD SAFETY MEETING WIRELINE SAFETY. FILLED OUT AND REVIEWED JSA.
	7:30	8:30	1.00	WLWORK	42		P		OPENWELLTO FLOW BACK TANK. WAIT ON WIRELINE. FIRST HR MADE 40 BBLS.
	8:30	10:30	2.00	WLWORK	18		P		RU WIRELINE RIH W/ 2" WEIGHT BARS AND CCL. TAGGED @ 10590' TRIED TO BEAT DOWN THRU LINER TOP. UNSUCCESSFUL. RD WIRELINE. 2HRS WELL MADE 15 BBLS WIDE OPEN TO FLOW BACK TANK.
	10:30	17:00	6.50	WOR	15		P		PUMPED 100 BBLS 10# BRINE@ 1200 PSI 1 1/2 BPM. SHUT WELLIN FOR 1/2 HR. BLED DOWN WELL SLOWLY. FLOWED BACK 50 BBLS OF WATER. TURNED TO OIL. PUMPED 200 BBLS 10 BRINE. 2 BPM @ 1500 PSI. ISIP 1300 PSI. 15 MIN 1200 PSI. SHUT IN WELL CLOSED FRAC VALVE. CLOSED AND LOCKED BLIND RAMS.CLOSED CSG VALVES AND INSTALLED NIGHT CAPS.
8/15/2015	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON WELL CONTROL FILLED OUT AND REVIEWED JSA.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:30	12:00	4.50	WOR	15		P		900 CSIP. BLED DOWN WELL USING BLOCK AND BLEED METHOD. FLOWED BACK 40 BBLS WATER. AND 100 BBLS OIL. GAS? PUMPED 20 BBLS BRINE. WELL LAYING DEAD.
	12:00	16:30	4.50	WOR	39		P		RIH W/ 3 3/4 ROCK BIT, BIT SUB, 11-JTS 2 3/8 L-80 EUE TBG, X-OVER AND 297-JTS 2 7/8 L-80 EUE TBG. PUMPING KCL AND BRINE AS NEEDED TO KEPT TBG HEAVY AND LET CSG FLOW. CLOSED IN WELL. CLOSED AND LOCKED PIPE RAMS. CLOSED CSG VALVES AND INSTALLED NIGHT CAPS.CLOSED TIW VALVE AND INSTALLED NIGHT CAP. SDFN.
8/16/2015	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING. ON PICKING UP TBG. FILLED OUT AND REVIEWED JSA.
	7:30	8:00	0.50	WOR	17		P		150 TSIP 750 CSIP. BLEED PRESSURE OFF CSG PUMPED 10 BBLS BRINE DOWN TBG.
	8:00	8:30	0.50	WOR	39		P		CONTINUED PICKING UP TUBING. TAGGED @ 10609' 4' IN # 323 2 7/8.
	8:30	14:30	6.00	WOR	10		P		RU POWER SWIVEL. ESTABLISHED REVERSED CIRCULATION. PUMPING 3 BPM AND RETURNING 3 BPM. FINISHED DRILLING UP 7" CBP STUMP AT LINER TOP. CONTINUED RIH CLEANED OUT TO 10814' 10' IN ON JT # 329'. BIT GOT PARTIALLY PLUGGED. PUMPED 15 BBLS BRINE DOWMN TBG @ 2500 PSI..
	14:30	16:00	1.50	WOR	39		P		RD POWER SWIVEL. LD 45- JTS 2 7/8 L-80 EUE TBG. EOT @ 9383'. CLOSED IN WELL. CLOSED AND LOCKED PIPE RAMS. CLOSED CSG VALVES AND INSTALLED NIGHT CAPS.CLOSED TIW VALVE AND INSTALLED NIGHT CAP. SDFN.
8/17/2015	6:00	6:00	24.00	WOR	18		P		NO ACTIVITY
8/18/2015	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON WIRELINE SAFETY FILLED OUT AND REVIEWED JSA.
	7:30	8:30	1.00	WOR	17		P		1250 CSIP, 700 TSIP. BLED DOWN WELL STIILL UNABLE TO PUMP DOWN TBG.
	8:30	10:00	1.50	WLWORK	21		P		RU WIRELINE RIH PERFORATED TBG @ 9345' . WHILE HOLDING 1000 PSI ON TBG.
	10:00	12:30	2.50	WOR	06		P		CIRCULATE WELL W/ 400 BBLS 10# BRINE. WELL DIED.
	12:30	15:30	3.00	WOR	39		P		TOOH W/ 284-JTS 2 7/8 L80 EUE TBG, X-OVER, 11-JTS 2 3/8 L-870 EUE TBG, BIT SUB AND BIT.
	15:30	19:00	3.50	WOR	39		P		RIH W/ 2 7/8 BULLPLUG, 2 JTS 2 7/8 L-80 EUE TBG, 4 1/2" PBGA, 2' 2 7/8 N-80 TBG SUB, SN, 4' 2 7/8 N-80 TBG SUB, 4-JTS 2 7/8L-80 EUE TBG, 7" TAC AND 280-JTS 2 7/8L-80 EUE TBG EOT @ 9043'. CLOSED IN WELL. CLOSED AND LOCKED PIPE RAMS. CLOSED CSG VALVES AND INSTALLED NIGHT CAPS.CLOSED TIW VALVE AND INSTALLED NIGHT CAP. SDFN
8/19/2015	6:00	7:30	1.50	WOR	28		P		CREW TRAVEL HELD SAFETY MEETING ON NIPPLING DOWN BOPE. FILLED OUT AND REVIEWED JSA.
	7:30	9:30	2.00	WOR	16		P		50 TSIP. 200 CSIP. BLED DOWN WELL. LD 1-JT 2 7/8 L-80 EUE TBG. PU 6' 2 7/8 TBG SUB AND HANGER. SET TAC @ 8881'. SN @ 9014', EOT @ 9115'. LANDED HANGER IN TBG HEAD. ND BOP. ND 7 " FRAC VALVE. WELL STARTED FLOWING UP CSG.
	9:30	11:30	2.00	WOR	06		P		WELL FLOWED 30 BLS H2O. PUMPED 4000' BALANCED PLUG 10# BRINE. WELL DIED.
	11:30	13:00	1.50	WOR	16		P		LD HANGER AND 6' TBG SUB. NU B-FLANGE AND FLOW LINE. INSTALLED 60' CAP TUBE.
	13:00	14:30	1.50	WOR	06		P		FLUSHED TBG W/ 60 BBLS 2% KCL THEN 50 BBLS BRINE THEN 10 GALS CORROSION INHIBITOR AND 5 BBLS BRINE.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	14:30 17:00	2.50	WOR	39		P		PU AND PRIMED 2 1/2"X 1 3/4"X 38' RHBC HVF PUMP. RIH W/ PUMP 3' STAB SUB, 18- 1 1/2" K-BARS, 101-3/4" W/G, 135-7/8" W/G. 102-1" (82 -SLK, 20-W/G). SPACED OUT RODS W/ 1-8', 1-6', 1-2' X 1". PU NEW POLISH ROD. FILLED TUBING W/ 2 BBLS, PRESSURE TEST AND STROKE TEST @ 1000 PSI HELD.
	17:00 19:00	2.00	RDMO	02		P		RD RIG. SLID ROTA-FLEX, CLEANED LOCATION. GOT READY TO MOVE. TURNED WELL OVER TO LEASE OPERATOR. PWOP. SDFN.

Table of Contents

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: LAYTON 4-2B3

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43013513890000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002

PHONE NUMBER: 713 997-5038 Ext

9. FIELD and POOL or WILDCAT: BLUEBELL

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1574 FSL 1323 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 02 Township: 02.0S Range: 03.0W 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		
✓ NOTICE OF INTENT Approximate date work will start: 11/5/2015	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: DO Plugs

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

EP intends to drill out CBP's at 11602' (tagged @ 11597') & 11585'.

Approved by the
Utah Division of
Oil, Gas and Mining
November 04, 2015

Date:

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE N/A		**DATE** 11/3/2015

RECEIVED: Nov. 03, 2015

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
Fee

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
LAYTON 4-2B3

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013513890000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
BLUEBELL

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1574 FSL 1323 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NESW Section: 02 Township: 02.0S Range: 03.0W 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 11/19/2015	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☑ OTHER	OTHER: DO Plugs

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

Drilled out only one plug @ 10386'. Opened perfs @ 10856'-11376' & 9915'-10795'. Cleaned scale & acidized with 275 gals 15% HCL. See attached.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 19, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		1/13/2016

RECEIVED: Jan. 13, 2016

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	14:30	17:00	2.50	WOR	39		P		PU AND PRIMED 2 1/2"X 1 3/4"X 38' RHBC HVF PUMP. RIH W/ PUMP 3' STAB SUB, 18- 1 1/2" K-BARS, 101-3/4" W/G, 135-7/8" W/G. 102-1" (82 -SLK, 20-W/G). SPACED OUT RODS W/ 1-8', 1-6', 1-2' X 1". PU NEW POLISH ROD. FILLED TUBING W/ 2 BBLS, PRESSURE TEST AND STROKE TEST @ 1000 PSI HELD.
	17:00	19:00	2.00	RDMO	02		P		RD RIG. SLID ROTA-FLEX, CLEANED LOCATION. GOT READY TO MOVE. TURNED WELL OVER TO LEASE OPERATOR. PWOP. SDFN.
11/13/2015	6:00	7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC-TRIPPING RODS.
	7:00	8:30	1.50	MIRU	01		P		RU PEAK 2500 AND HOT OIL EXPRESS HOT OILER.
	8:30	9:30	1.00	UNINARTLT	03		P		UNSEAT PUMP. FLUSH TBG W 65 BBLS HOT KCL H20.
	9:30	12:00	2.50	UNINARTLT	03		P		POOH W RODS.
	12:00	12:45	0.75	WOR	16		P		ND WELLHEAD. NU BOP.
	12:45	17:15	4.50	UNINSTUB	39		P		POOH W 200 JTS 2 7/8" TBG. TAC DRAGGING (POOH SLOW FOR SAFETY). SHUT PIPE RAMS, INSTALL TIW, AND SECURE WELL. SDFD.
11/14/2015	6:00	7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC-PICKING UP PIPE W WINCH AND POWERSWIVEL.
	7:00	8:30	1.50	UNINSTUB	03		P		FINISH POOH W 2 7/8" TBG AND PRODUCTION BHA.
	8:30	12:00	3.50	WOR	39		P		PU 3 3/4" ROCK BIT, 91 JTS 2 3/8" TBG AND TIH W 250 JTS 2 7/8" TBG. TAG UP AT 10,826'.
	12:00	13:00	1.00	WOR	18		P		RU POWERSWIVEL AND RIG PUMP.
	13:00	14:00	1.00	WOR	06		P		PUMP 225 BBLS H20 TO ESTABLISH CIRCULATION.
	14:00	17:00	3.00	WOR	10		P		DRILL SAND AND CBP. CIRCULATE TBG CLEAN. DID NOT DRILL UP PLUG.
	17:00	17:30	0.50	WOR	39		P		POOH ABOVE LINER TOP. SDFD.
11/15/2015	6:00	7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON ICE PLUGS WRITE & REVIEW JSA'S
	7:30	9:00	1.50	WOR	39		P		RIH W/ 20 JTS 2-7/8" TBG, RU POWER SWIVEL, MU JT W/ SWIVEL RIH & TAG @ 10857', BREAK CIRC W/ 55 BBLS 2% KCL
	9:00	14:00	5.00	WOR	10		P		CLEAN OUT FILL TO 10863' QUIT MAKING HOLE, RETURNING LOTS OF SCALE, CIRC TBG CLEAN, LD 1 JT W/ P.S. & RIG DWN SWIVEL
	14:00	18:00	4.00	WOR	39		P		TOOH W/ 250 JTS 2-7/8" EUE L-80 TBG, 2-7/8" X 2-3/8" EUE X OVER, 91 JTS 2-3/8" WORK STRING TBG, BITSUB & BIT, SECURE WELL, CLOSE & LOCK BLIND RAMS, CLOSE & NIGHT CAP CSG VALVES, SDFN
11/16/2015	6:00	7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON RIH W/ TBG & OVER HEAD LOADS WRITE & REVIEW JSA'S
	7:30	10:00	2.50	WOR	39		P		MU & TIH W/ 3-3/4" JUNK MILL, BIT SUB, 91 JTS 2-3/8" WORK STRING, 2-7/8" X 2-3/8" EUE X OVER & 250 JTS 2-7/8" EUE L-80 TBG
	10:00	16:00	6.00	WOR	10		P		RU POWER SWIVEL PU 1 JT & MAKE CONNECTION W/ SWIVEL, BREAK REVERSE CIRC W/ 55 BBLS 2% KCL, TAG UP @ 10863', CLEAN OUT TO 10870', MILL PLUGGING UP & VERY TORQUEY, RECOVERING HARD SCALE & SOME IRON, CIRC TBG CLEAN, RIG DWN POWER SWIVEL
	16:00	18:00	2.00	WOR	39		P		SPOT 275 GALS 15% HCL ACID DWN TBG & DISPLACE W/ 51 BBLS 2% KCL TO END OF TBG, POOH & STAND BACK IN DERRICK W/ 30 JTS 2-7/8" EUE L-80 TBG, EOT @ 9923', SECURE SHUT & LOCK PIPE RAMS, CLOSE & NIGHT CAP TIW VALVE & CSG VALVES, SDFN
11/17/2015	6:00	7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; C/O OPERATIONS

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:00	18:00	11.00	WOR	10		P		CSIP 0 PSI TSIP 0 PSI TIH w 30-JTS OF 2 7/8" TBG R/U POWER SWIVELCONTINUE C/O FROM 10870' TO 10890' CIRC WELL CLEAN R/D POWER SWIVLE TOH w 30 JTS 2-7/8" EUE L-80 TBG, EOT @ 9923', SECURE SHUT & LOCK PIPE RAMS, CLOSE & NIGHT CAP TIW VALVE & CSG VALVES, DRAIN PUMP AND LINES SDFN
11/18/2015	6:00	7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIG OPERATIONS
	7:00	10:00	3.00	WOR	39		P		TOH w 224-JTS OF 2 7/8" TBG CHANGE HANDLING TOOLS 91-JTS OF 2 3/8" TBG L/D MILL
	10:00	13:30	3.50	WLWORK	22		P		MIRU WIRELINE TIH w 1 11/16" WT BARS TAG AT 10854' TOH L/D SAME P/U TIH w IMPRESSION BLOCK TAG AT 10854' TOH BLOCK SHOWED MARK ON ONE SIDE R/D WIRELINE
	13:30	16:30	3.00	WOR	39		P		TIH w 91-JTS OF 2 3/8" TBG TOH L/D 91-JTS OF 2 3/8" TBG
	16:30	18:00	1.50	WOR	39		P		P/U 5 3/4" NO-GO 2-JTS OF 2 7/8" TBG 4 1/2" PBGA 2' X 2 7/8" TBG SUB 2 7/8" PSN 4' X 2 7/8" TBG SUB 4-JTS OF 2 7/8" TBG 7" TAC 40-JTS OF 2 7/8" TBG EOT 1450' SECURE WELL CLOSE AND LOCK PIPE RAMS, CLOSE AND NIGHT CAP TIW VALVE AND CSG VALVES, SDFN
11/19/2015	6:00	7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC-TRIPPING RODS.
	7:00	10:00	3.00	INSTUB	39		P		FINISH TIH W PRODUCTION TBG. SPACE OUT TBG. SET TAC @ 10,131'.
	10:00	11:00	1.00	WOR	16		P		RD WOR FLOOR. ND BOP. NU B FLANGE. INSTALL RATAGIN AND FLOW T.
	11:00	11:30	0.50	WOR	06		P		FLUSH TBG W 60 BBLS AND 10 GALS TECHNIB ROD CHEM.
	11:30	17:00	5.50	INARTLT	03		P		PU/PRIME PUMP, PU 17 - 1 1/2" SINKER BARS & TIH W 158 - 3/4" EL W/G (PU 57 NEW), 134 - 7/8" EL W/G, 96 - 1" EL MIX. SPACE OUT RODS W 6' - 1" RODS SUB. PU/MU POLISHED ROD. FILL TBG W 1 BBL AND STROKE TEST TO 1000 PSI. SDFD. CANNOT RD WOR DUE TO WIND.
11/20/2015	6:00	7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA.
	7:00	9:30	2.50	RDMO	02		P		ATTEMPT TO RD WOR. HYDRAULICS NOT WORKING. MECHANIC REPAIR PROBLEM. RD WOR.
	9:30	10:00	0.50	INARTLT	03		P		SLIDE ROTAFLEX UNIT. START UNIT. TURN WELL OVER TO OPERATOR. MOVE TO UTE TRIBAL 1-30 Z1.

RECEIVED: Jan. 13, 2016

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: LAYTON 4-2B3

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43013513890000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002 **PHONE NUMBER:** 713 997-6717 Ext

9. FIELD and POOL or WILDCAT: BLUEBELL

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1574 FSL 1323 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 02 Township: 02.0S Range: 03.0W 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 4/10/2013	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☑ OTHER	OTHER: replace pump

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

See attached report for completed procedure.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
February 02, 2017

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Joe Araiza	713 997-5452	HSER Manager
SIGNATURE		**DATE**
N/A		1/19/2017

RECEIVED: Jan. 19, 2017

CENTRAL DIVISION

ALTAMONT FIELD
LAYTON 4-2B3
LAYTON 4-2B3
LOE LAND

Operation Summary Report

RECEIVED: Jan. 19, 2017

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	LAYTON 4-2B3		
Project	ALTAMONT FIELD	**Site**	LAYTON 4-2B3
Rig Name/No.		**Event**	LOE LAND
Start date	4/8/2013	**End date**	4/10/2013
Spud Date/Time	9/22/2012	**UWI**	LAYTON 4-2B3
Active datum	KB @5,989.0ft (above Mean Sea Level)		
Afe No./Description	161052/48758 / LAYTON 4-2B3		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (ft)	Operation
4/9/2013	6:00	7:30	1.50	PRDHEQ	46		P		CT HOLD SAFETY MTG ON ROADING EQUIP, WRITE & REVIEW JSA'S
	7:30	8:30	1.00	PRDHEQ	18		P		ROAD RIG TO LOC
	8:30	10:00	1.50	PRDHEQ	18		P		SLIDE P.U. BACK SPOT IN & RU RIG, WHILE PUMPING 60 BBLS 2% KCL DWN CSG W/ H.O.
	10:00	12:00	2.00	PMPNG	24		P		UNSEAT ROD PUMP FLUSH RODS W/ 55 BBLS 2% KCL, RESEAT PUMP FILL TBG, W/ 5 BBLS 2% KCL, TEST TBG TO 1000 PSI GOOD TEST, UN SEAT PUMP
	12:00	15:00	3.00	PRDHEQ	42		P		LD 1-1/2" X 40' POLISH ROD, POOH W/ 119-1", 104-7/8", 102-3/4" RODS, LD 12, 1-1/2" WT BARS & 2-1/2" X 2" X 38' PUMP, FLUSHING RODS AS NEEDED
	15:00	16:00	1.00	PMPNG	24		P		FLUSH TBG W/ 50 BBLS 2% KCL
	16:00	18:00	2.00	PRDHEQ	42		P		PU PRIME & RIH W/ REBUILT 2-1/2" X 2" X 40' INSERT PUMP, PU 12, 1-1/2" WT BARS, TIH W/ 102- 3/4" CHANGING OUT 22 3/4" BOXES DUE TO PITTING P.U. POLISH ROD SECURE WELL SDFN
4/10/2013	6:00	7:30	1.50	PRDHEQ	46		P		CT HOLD SAFETY MTG, RIH W/ RODS, WRITE & REVIEW JSA'S
	7:30	11:00	3.50	PRDHEQ	42		P		LD POLISH ROD, CONT RIH W/ 104-7/8", 119-1" RODS PU POLISH ROD & SEAT PUMP
	11:00	13:30	2.50	PMPNG	24		P		FILL TBG W/ 7 BBLS 2% KCL, STROKE TEST PUMP TO 1000 PSI GOOD TEST, RD RIG SLIDE IN PUMPING UNIT, HANG OFF RODS, TURN WELL OVER TO PROD, PU LOCATION
	13:30	17:00	3.50	PRDHEQ	18		P		ROAD RIG TO 2-4B4 SLIDE PUMPING UNIT BACK SPOT IN & RU RIG SDFN
8/6/2013	12:30	14:00	1.50	PRDHEQ	18		P		ROAD RIG FROM 4-3 B3 TO 4-2 B3 MIRU PUMP 60 BBLS HOT 2% DOWN CSG BLOW DOWN TBG
	14:00	15:00	1.00	PRDHEQ	42		P		UNSEAT PUMP @ 8525' L/D POLISH ROD & 1-1" ROD RE-SPACE RODS W/ 1-8',1-6',1-4',1-2' X 1" SUBS
	15:00	16:00	1.00	PRDHEQ	42		P		P/U NEW 1 1/2" X 40' POLISH ROD SEAT PUMP FILL TBG W/ 15 BBLS STROKE TEST TO 1000 PSI GOOD TEST
	16:00	18:00	2.00	PRDHEQ	18		P		R/D RIG SLIDE ROTA FLEX AHEAD HANG OFF RODS TURN OVER TO PRODUCTION SDFD

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