

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL

2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		1. WELL NAME and NUMBER OWL & HAWK 4-29B5	
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		3. FIELD OR WILDCAT ALTAMONT	
6. NAME OF OPERATOR EL PASO E&P COMPANY, LP		5. UNIT or COMMUNITIZATION AGREEMENT NAME	
8. ADDRESS OF OPERATOR 1099 18th ST, STE 1900 , Denver, CO, 80202		7. OPERATOR PHONE 303 291-6417	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE		9. OPERATOR E-MAIL marie.okeefe@elpaso.com	
11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
13. NAME OF SURFACE OWNER (if box 12 = 'fee') EL PASO E & P COMPANY		14. SURFACE OWNER PHONE (if box 12 = 'fee') 303.291.6400	
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1099 18TH ST STE 1900, DENVER, CO 80202		16. SURFACE OWNER E-MAIL (if box 12 = 'fee') MARIE.OKEEFE@ELPASO.COM	
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	
19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>			
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION
LOCATION AT SURFACE	1050 FSL 850 FEL	SESE	29
Top of Uppermost Producing Zone	1050 FSL 850 FEL	SESE	29
At Total Depth	1050 FSL 850 FEL	SESE	29
21. COUNTY DUCHESNE	22. DISTANCE TO NEAREST LEASE LINE (Feet) 850	23. NUMBER OF ACRES IN DRILLING UNIT 640	
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2100	26. PROPOSED DEPTH MD: 14000 TVD: 14000	
27. ELEVATION - GROUND LEVEL 6203	28. BOND NUMBER 400JU0708	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE WATER RIGHT 43-7323	

ATTACHMENTS

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

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Marie Okeefe	TITLE Sr Regulatory Analyst	PHONE 303 291-6417
SIGNATURE	DATE 01/05/2010	EMAIL marie.okeefe@elpaso.com
API NUMBER ASSIGNED 43013502080000	APPROVAL  Permit Manager	

Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
L1	6.125	4.5	0	14000		
Pipe	Grade	Length	Weight			
	Grade P-110 LT&C	4412	15.1			

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Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	4798		
Pipe	Grade	Length	Weight			
	Grade N-80 LT&C	4798	40.0			

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Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Cond	17.5	13.375	0	600		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	600	54.5			

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Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
I1	8.75	7	0	9788		
Pipe	Grade	Length	Weight			
	Grade P-110 LT&C	9788	29.0			

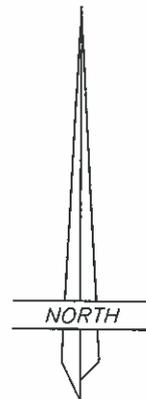
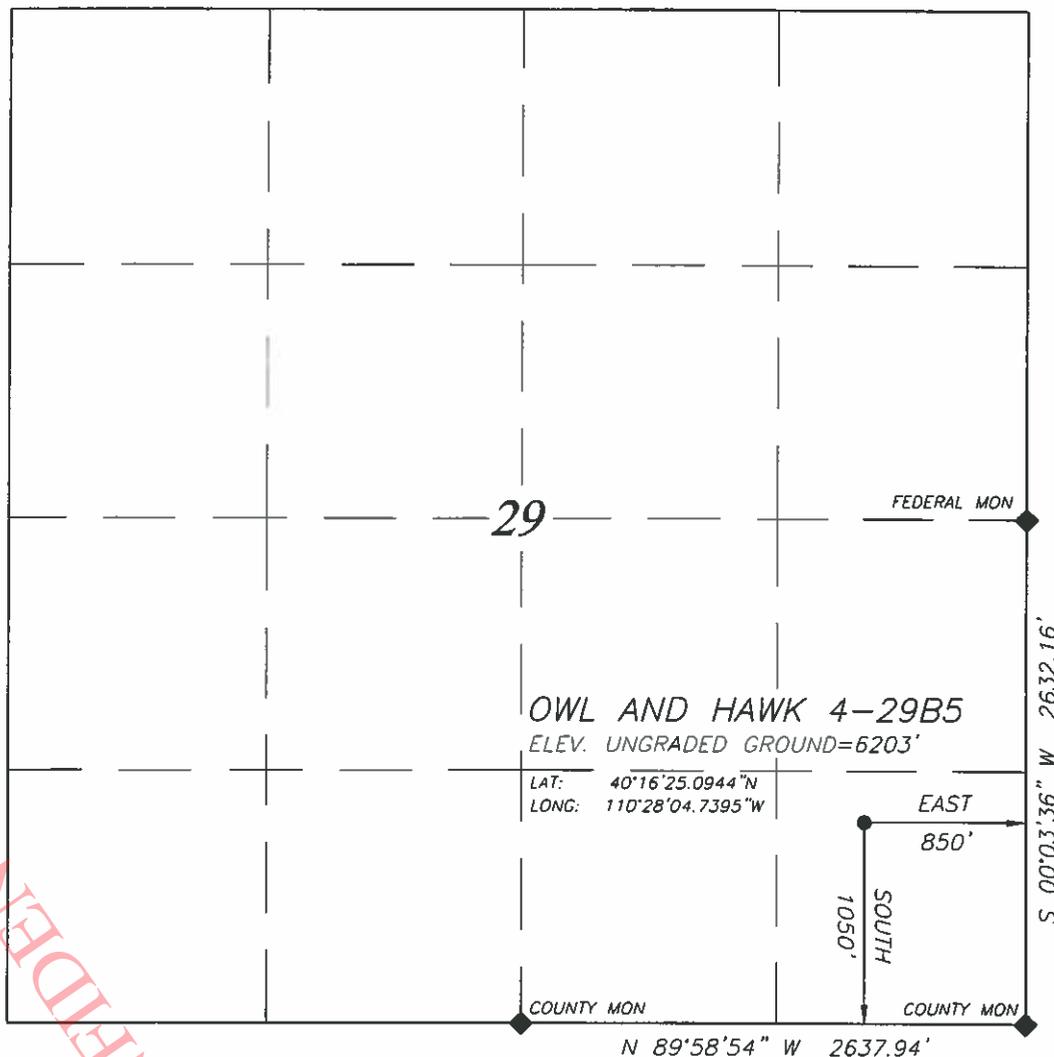
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EL PASO E & P COMPANY, L.P.

WELL LOCATION

OWL AND HAWK 4-29B5

LOCATED IN THE SE¼ OF THE SE¼ OF SECTION 29, T2S, R5W, U.S.B.&M. DUCHESNE COUNTY, UTAH



SCALE: 1" = 1000'



OWL AND HAWK 4-29B5

ELEV. UNGRADED GROUND=6203'

LAT: 40°16'25.0944"N
LONG: 110°28'04.7395"W

EAST

850'

SOUTH

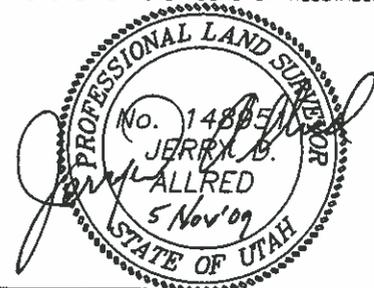
1050'

S 00°03'36" W 2632.16'

N 89°58'54" W 2637.94'

SURVEYOR'S CERTIFICATE

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



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

LEGEND AND NOTES

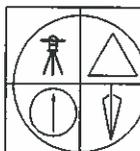
CORNER MONUMENTS FOUND AND USED BY THIS SURVEY

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

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A CONTROL POINT LOCATED AT LAT 40°15'51.6515"N AND LONG 110°28'18.0415"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



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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

4 NOV 2009 01-128-117

APIWellNo:43013502080000

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**Owl & Hawk 4-29B5
Sec. 29, T2S, R5W
DUCHESNE COUNTY, UT**

EL PASO E&P COMPANY, L.P.

DRILLING PROGRAM

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

<u>Formation</u>	<u>Depth</u>
Green River	4,898'
Mahogany Bench	6,748'
L. Green River	8,158'
Wasatch	9,688'
TD	14,000'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	4,898'
	Mahogany Bench	6,748'
Oil	L. Green River	8,158'
Oil	Wasatch	9,688'

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

A 5.0" by 20.0" rotating head on structural pipe from surface to 600'. A 5.0" by 13 3/8" Rotating Head from 600' to 4,798' on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 4,798' to 9,788'. An 11.0", 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 9,788' to 14,000'. 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 13 5/8" 5M BOP, 5M Annular. This equipment will be nipped 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 1500 psi or .22 psi/ft. The choke manifold equipment, upper Kelly cock, floor safety valves will be tested to 5M psi. The annular preventor will be tested to 250 psi low test 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 9,788’ 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 preventor will be activated weekly and weekly BOP drills will be held with each crew.

Statement on Accumulator System and Location of Hydraulic Controls:

Precision 426 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 psi and 10M psi systems.

Auxiliary Equipment:

- A) Mud logger with gas monitor – 4,798’ 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) Shale shakers, and mud cleaner.

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

Please refer to the attached wellbore diagram and drilling program

All casing will meet or exceed the following design factors

Burst = 1.00

Collapse = 1.125

Tension = 1.2 (including 100k overpull)

Cement design calculation is based on 20% over gauge, actual job pumped will be a minimum of 20% over caliper to designed TOCs on well sketch for any section logged. 100% excess over gauge will be pumped on surface casing.

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Conductor	WBM	8.4 – 8.9
Surface	WBM	8.4 – 10.0
Production	WBM	8.4 – 13.5

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

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program:**

Please refer to the attached wellbore diagram.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 14,000' TD equals approximately 9,828 psi (calculated at 0.702 psi/foot).

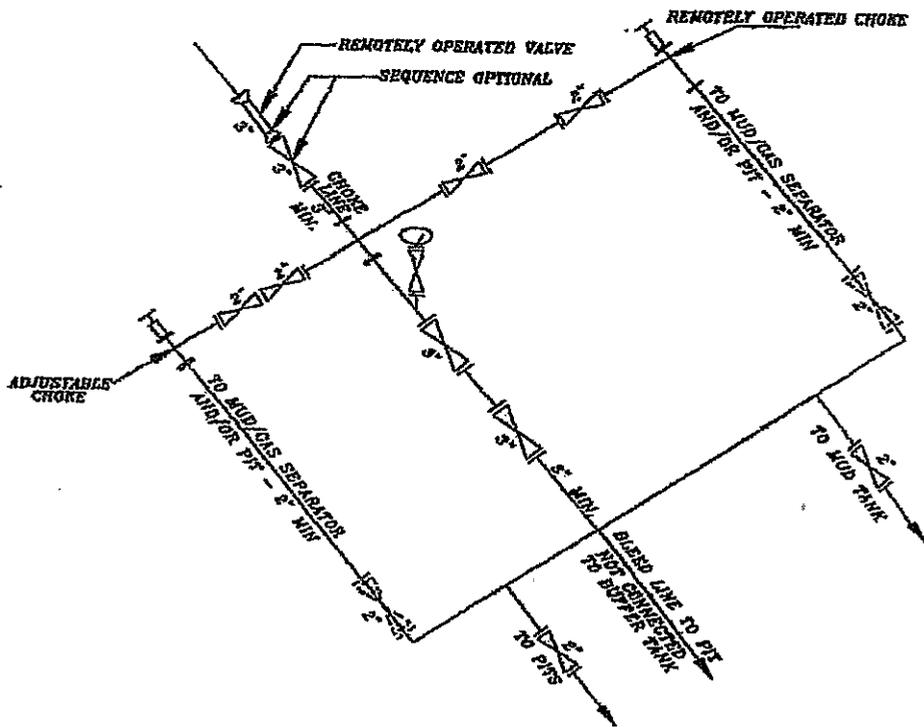
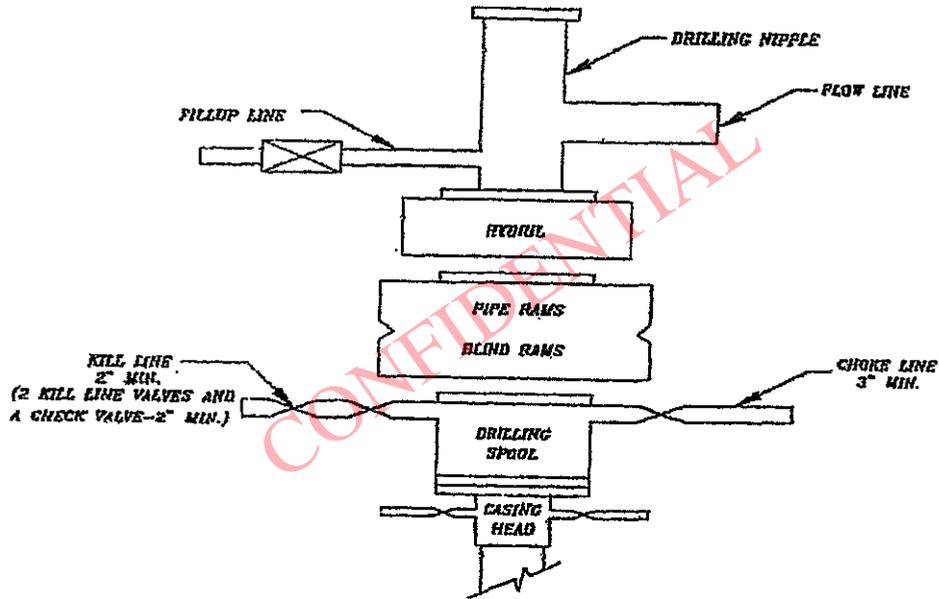
Maximum anticipated surface pressure based on bottom hole pressure equals approximately 6,748 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 9,788' = 7,830 psi

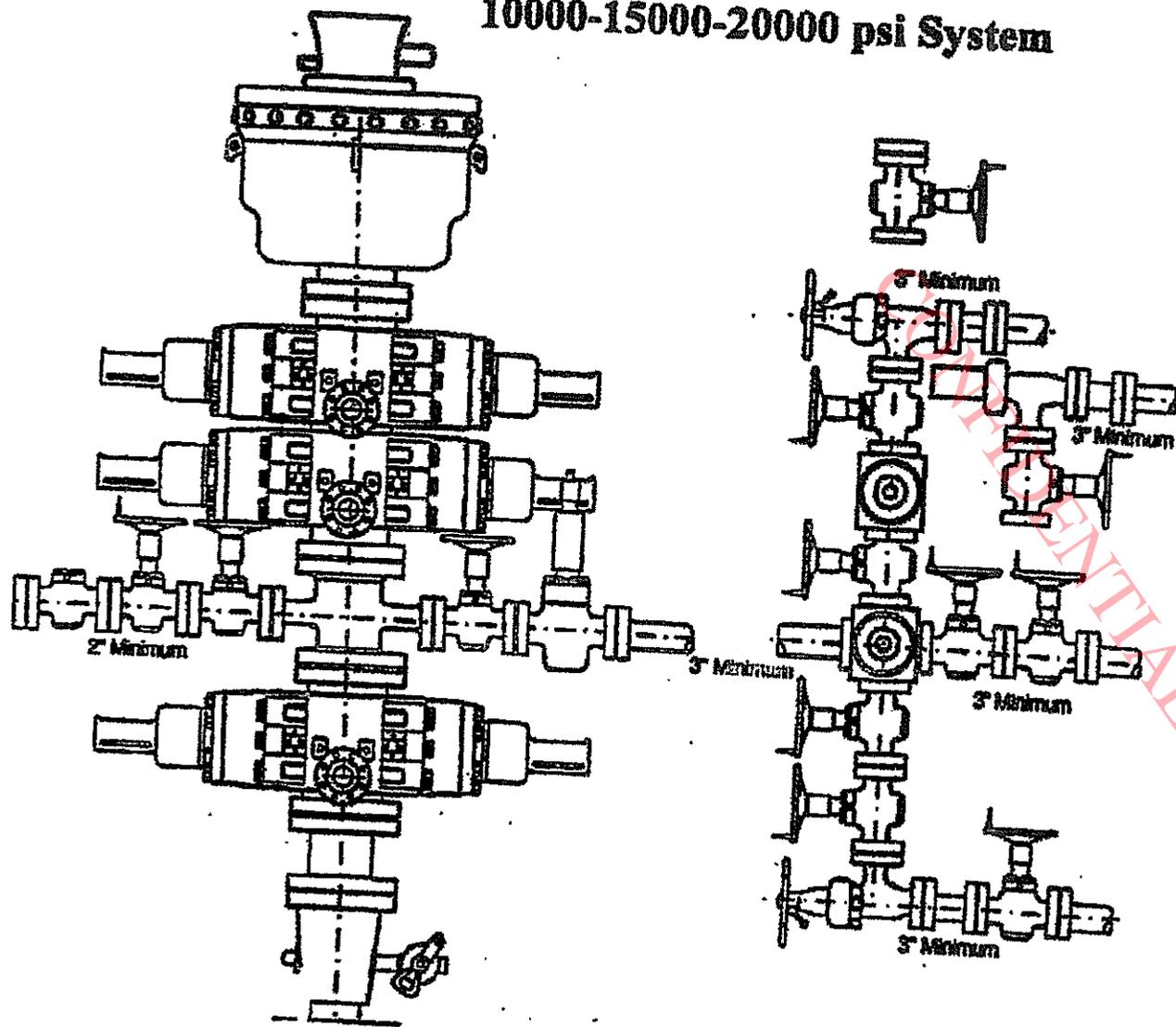
BOPE and casing design is based on the lesser of the two MASPs which is surface pressure 6,748 psi.

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

5M BOP STACK and CHOKE MANIFOLD SYSTEM



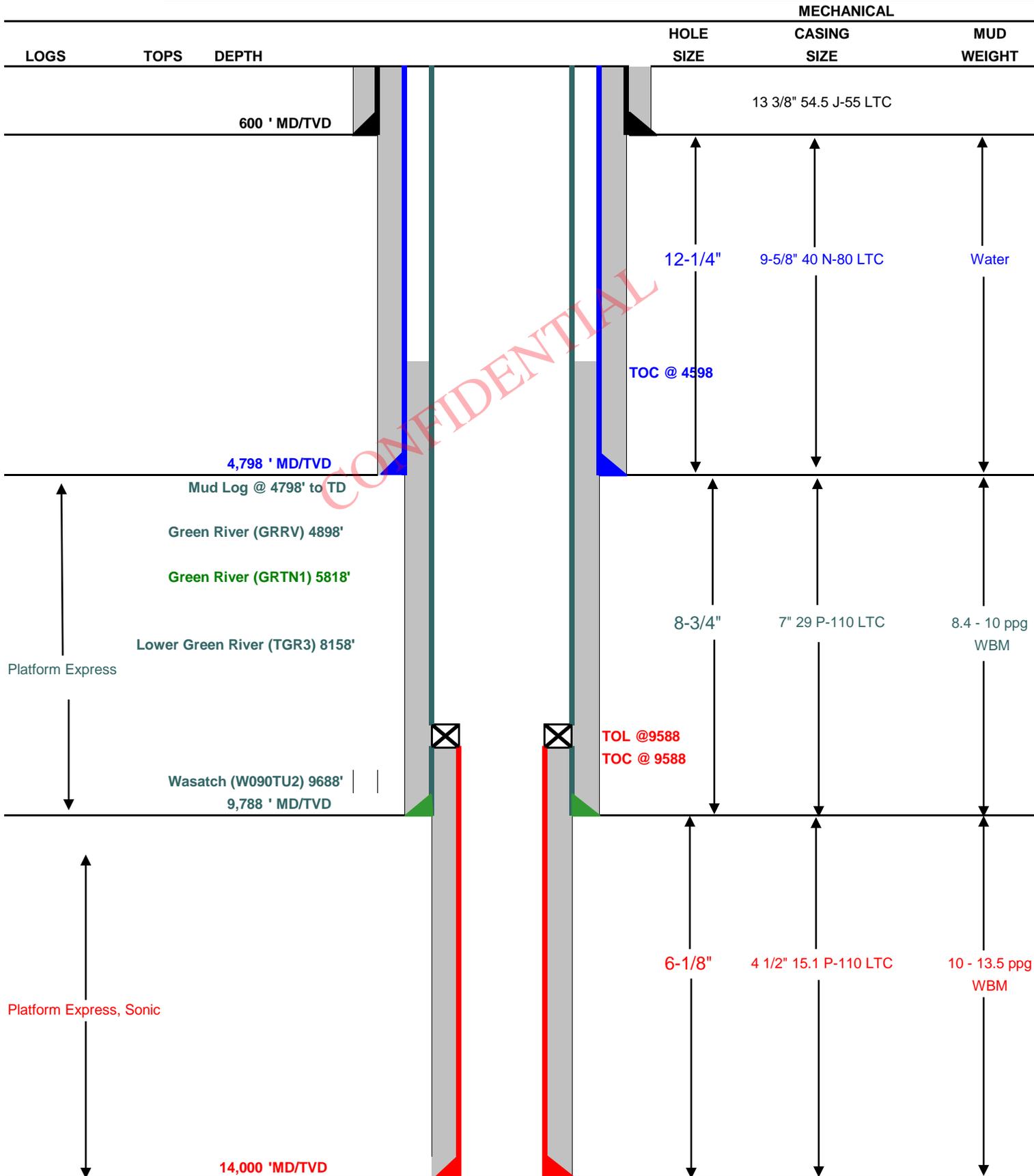
10000-15000-20000 psi System





Drilling Schematic

Company Name: El Paso Exploration & Production	Date: December 29, 2009
Well Name: OWL & HAWK 4-29B5	TD: 14,000
Field, County, State: Altamont - Bluebell, Duchesne, Utah	AFE #:
Surface Location: Sec 29 T2S R5W 1050' FSL 850' FEL	BHL: Straight Hole
Objective Zone(s): Green River, Wasatch	Elevation:
Rig: Precision drilling 426	Spud (est.):
BOPE Info: 5.0 x 13 3/8 rotating head from 600 to 4798 11 5M BOP stack and 5M kill lines and choke manifold used from 4798 to 9788 & 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 9788 to TD	



DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0' - 600	54.5	J-55	LTC	2,730 5.69	1,140 4.06	1,399 42.78
SURFACE	9-5/8"	0' - 4798	40.00	N-80	LTC	5,750 1.50	4,230 1.88	837 2.78
INTERMEDIATE	7"	0' - 9788	29.00	P-110	LTC	11,220 1.43	8,530 1.68	797 2.34
PRODUCTION LINER	4 1/2"	9588' - 14000	15.10	P-110	LTC	14,420 4.88	14,350 1.46	406 2.66

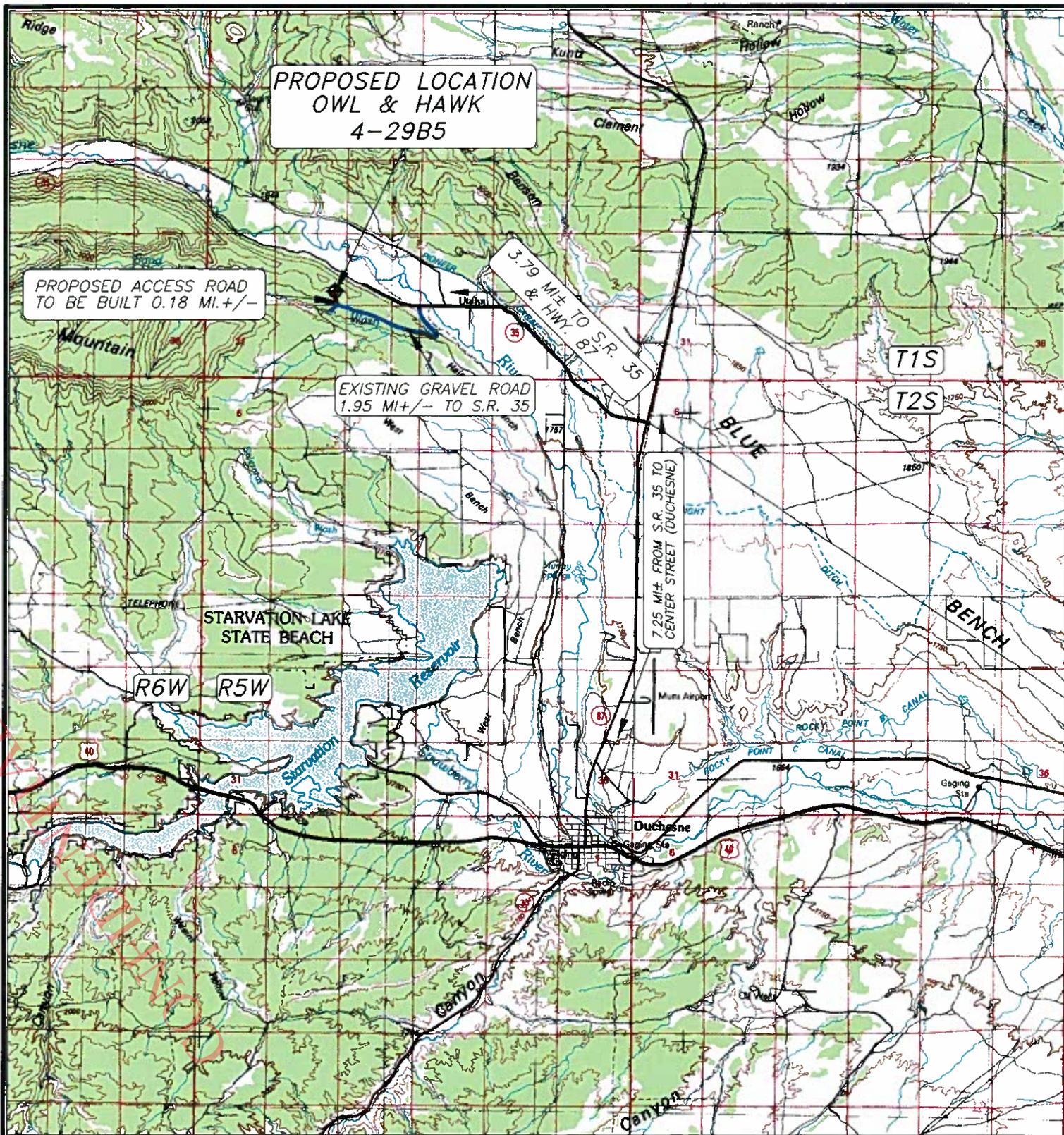
CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		600	Class G + 3% CaCl2	400	10%	15.6 ppg	1.15
SURFACE	Lead	4,298	Premium Lite II Plus, 2% CaCl2 0.3% FL52 0.5% Sodium Metasilicate	530	25%	11.0 ppg	3.2
	Tail	500	Class G 50:50 poz, 2% CaCl2, 2% gel 0.3% sodium metasilicate	90	25%	12.50	2.20
INTERMEDIATE	Lead	4,690	CemCRETE Blend 55.9/44.1 (D961/D124) + 0.2 %bwob D65 + 0.2 %bwob D46 + 0.4 %bwob D13 + 0.2 %bwob D167	280	25%	11.00	3.20
	Tail	500	10:0 RFC (Class G)	50	25%	12.5	2.20
PRODUCTION LINER		4,412	WellBond Slurry Class G + 35% D66 + 1.6 gps D600G + 0.05 gps D80 + 0.3% D167 + 0.2% D46 + 0.4% D800 + 1% D20	280	25%	14.5 ppg	1.86

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. Install 2 bow spring centralizers every 3rd joint.
LINER	Float shoe, 1 joint, float collar. Rigid centralizer every other joint. Thread lock all FE

PROJECT ENGINEER(S): Travis Lauer

MANAGER: Eric Giles



LEGEND:

◆ PROPOSED WELL LOCATION

01-128-117

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
DUCHEсне, UTAH 84021
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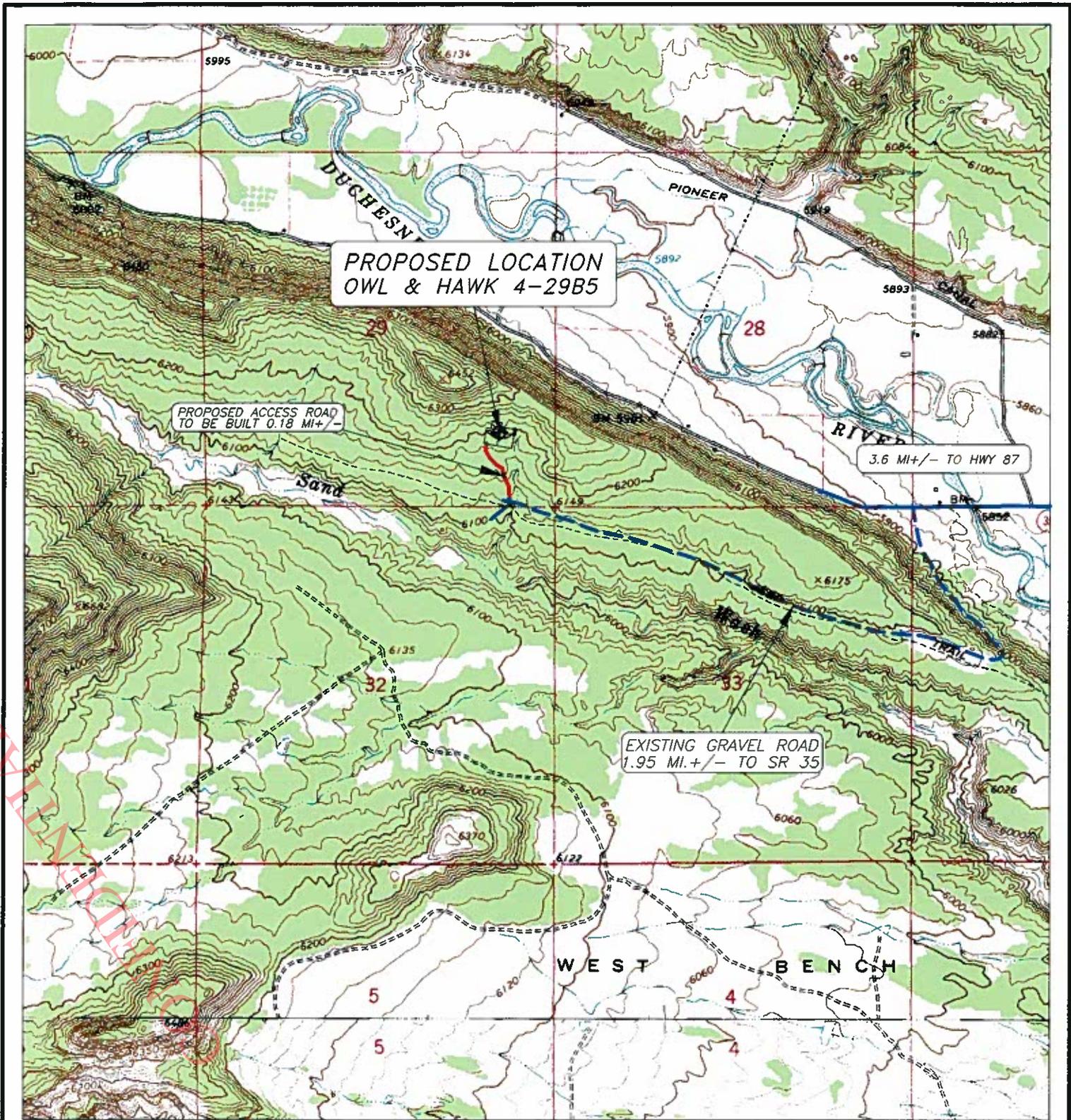
EL PASO E & P COMPANY, L.P.

OWL & HAWK 4-29B5
SECTION 29, T2S, R5W, U.S.B.&M.

1050' FSL 850' FEL

TOPOGRAPHIC MAP "A"

SCALE; 1"=10,000'
4 NOV 2009



LEGEND:

-  PROPOSED WELL LOCATION
 -  PROPOSED ACCESS ROAD
 -  EXISTING GRAVEL ROAD
 -  EXISTING PAVED ROAD
- 01-128-117

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 DUCHESNE, UTAH 84021
 (435) 738-5352

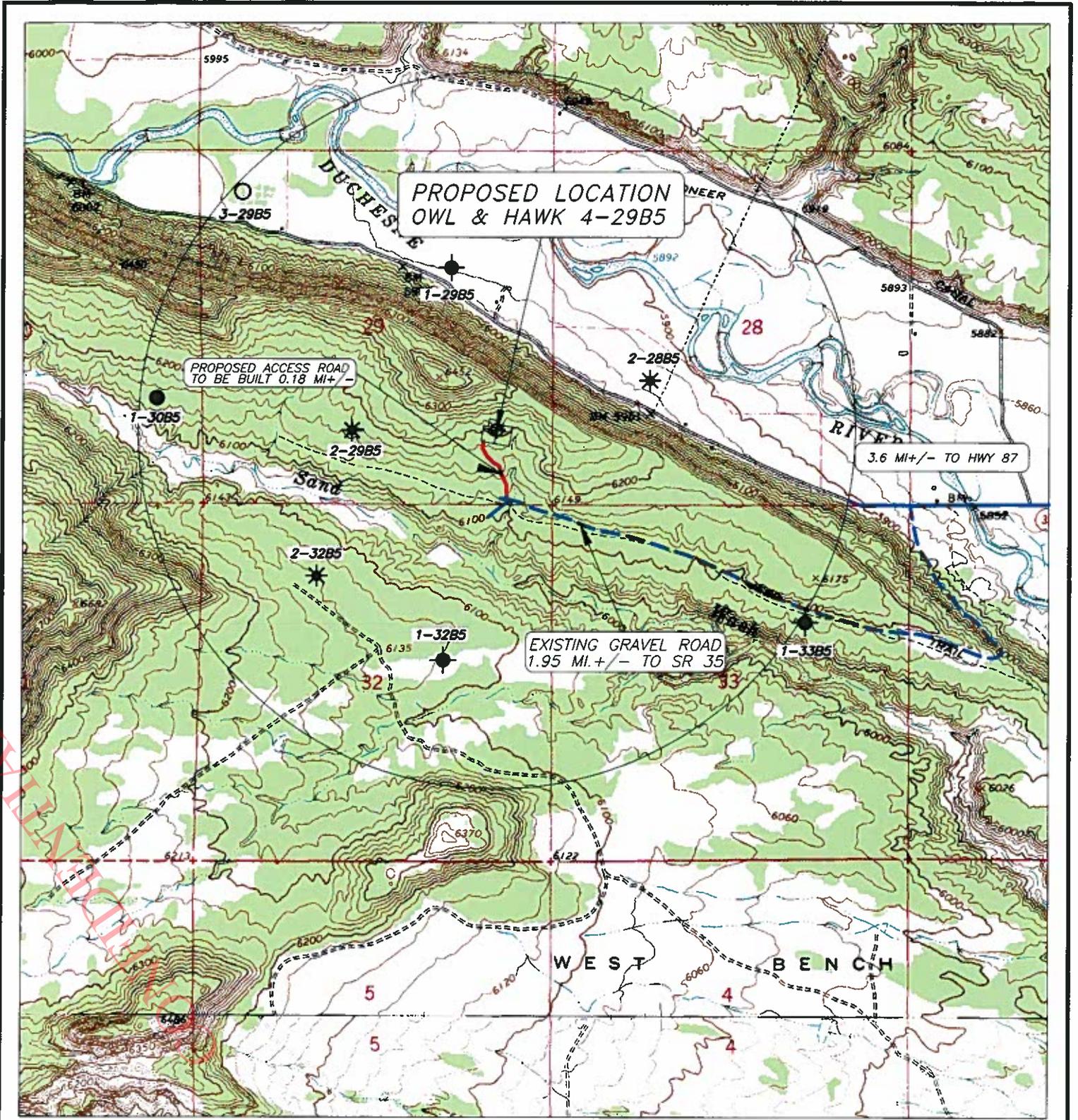


EL PASO E & P COMPANY, L.P.

OWL & HAWK 4-29B5
 SECTION 29, T2S, R5W, U.S.B.&M.
 1050' FSL 850' FEL

TOPOGRAPHIC MAP "B"
 SCALE: 1"=2000'
 4 NOV 2009

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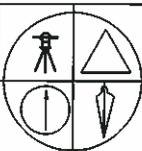


LEGEND:

-  PROPOSED WELL LOCATION
-  OTHER WELLS AS LOCATED FROM SUPPLIED MAP

2-25C6

01-128-117



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SURVEYING CONSULTANTS

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(435) 738-5352



EL PASO E & P COMPANY, L.P.

OWL & HAWK 4-29B5
SECTION 29, T2S, R5W, U.S.B.&M.
1050' FSL 850' FEL

TOPOGRAPHIC MAP "C"

SCALE; 1"=2000'
4 NOV 2009

EL PASO E&P COMPANY, L.P.
OWL & HAWK 4-29B5
SECTION 29, T2S, R5W, U.S.B.&M.

PROCEED NORTH ON PAVED STATE HIGHWAY 87 FROM THE INTERSECTION OF HIGHWAY 87 WITH U.S. HIGHWAY 40 IN DUCHESNE, UTAH APPROXIMATELY 7.25 MILES TO THE INTERSECTION OF S.R. 87 WITH S.R. 35;

TURN LEFT AND TRAVEL NORTHWESTERLY ON PAVED S.R. 35 3.79 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL ON GRAVEL ROAD 1.95 MILES TO AN INTERSECTION AND THE BEGINNING OF THE ACCESS ROAD;

FOLLOW ROAD FLAGS NORTH APPROXIMATELY 0.18 MILES TO THE PROPOSED LOCATION.

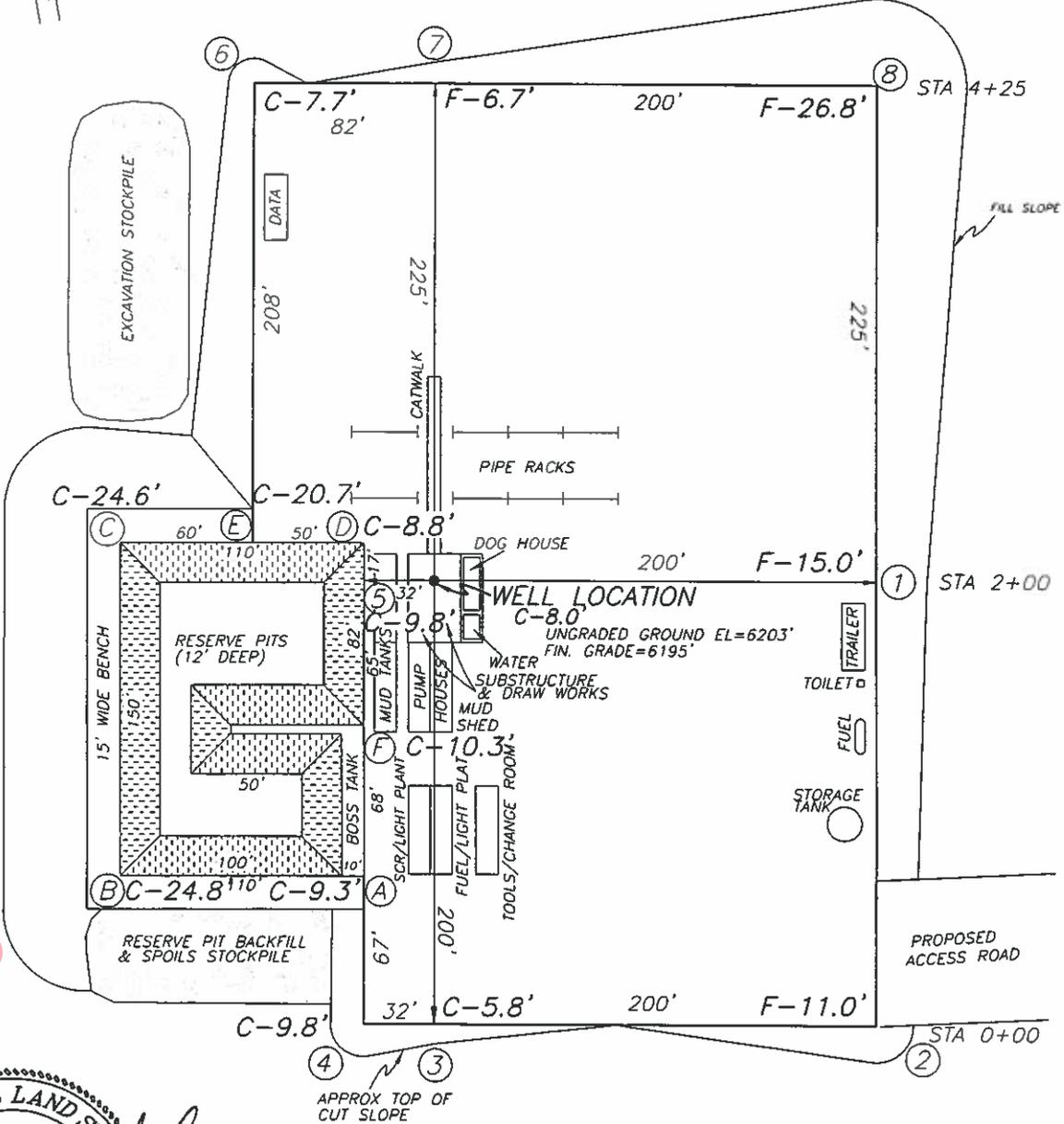
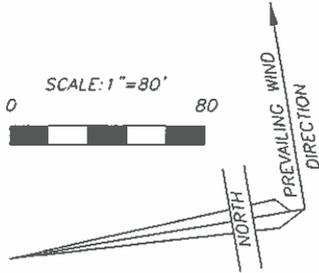
TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 14.50 MILES.

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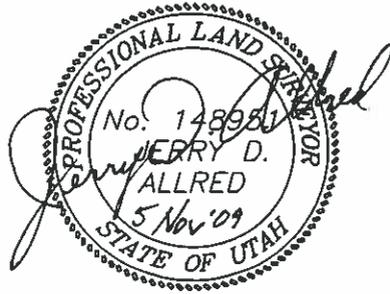
EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR
 OWL AND HAWK 4-29B5
 SECTION 29, T2S, R5W, U.S.B.&M.
 1050' FSL, 850' FEL

FIGURE #1



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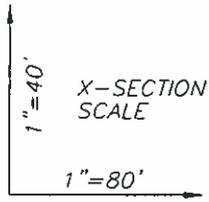
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 DUCHESNE, UTAH 84021
 (435) 738-5352

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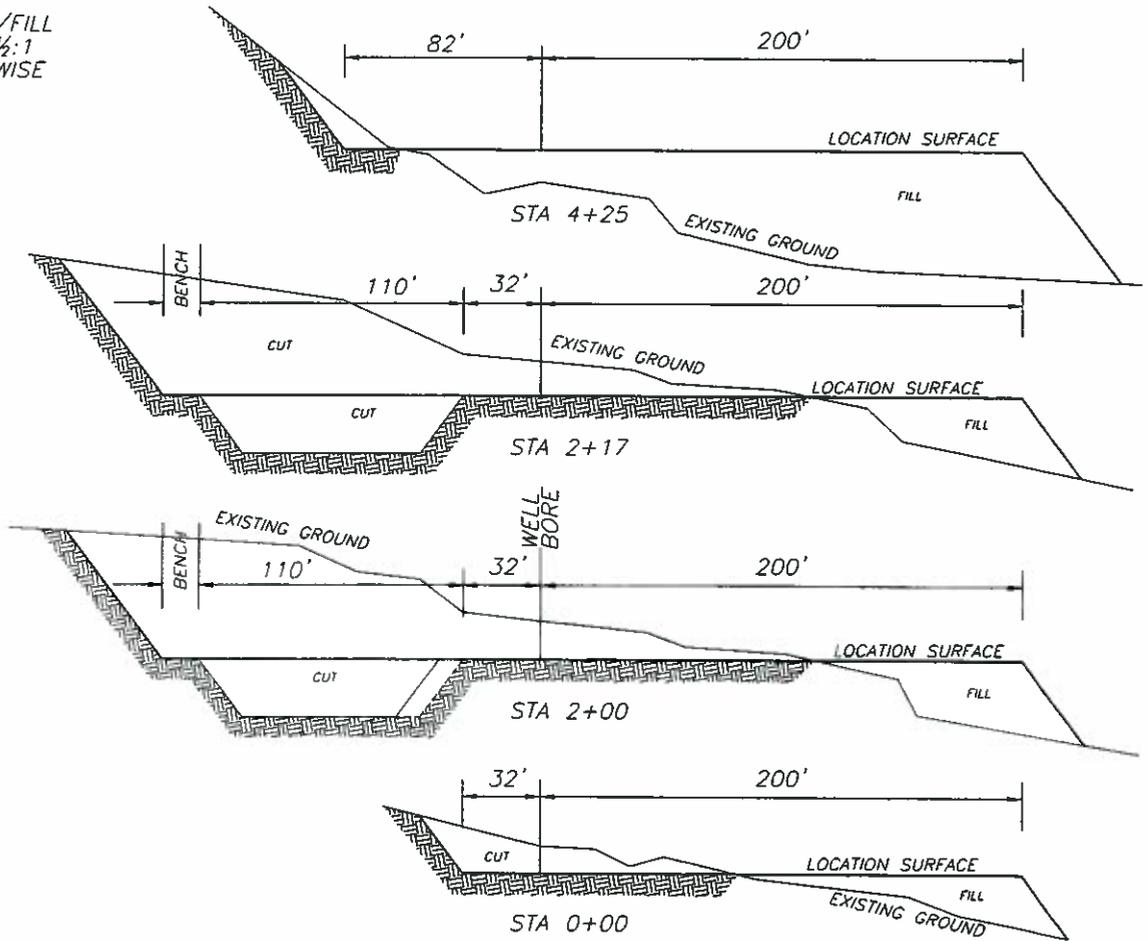
EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR
 OWL AND HAWK 4-29B5
 SECTION 29, T2S, R5W, U.S.B.&M.
 1050' FSL, 850' FEL

FIGURE #2



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



APPROXIMATE YARDAGES

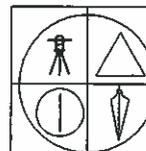
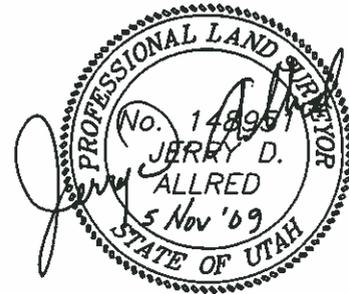
TOTAL CUT (INCLUDING PIT) = 37,239 CU. YDS.

PIT CUT = 4850 CU. YDS.

TOPSOIL STRIPPING: (6") = 3041 CU. YDS.

REMAINING LOCATION CUT = 29,348 CU. YDS.

TOTAL FILL = 27,027 CU. YDS.



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4 NOV 2009

01-128-117

APIWellNo:43013502080000

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

EL PASO E & P COMPANY, L.P.

OWL AND HAWK 4-29B5

SECTION 29, TOWNSHIP 2 SOUTH, RANGE 5 WEST

UINTAH SPECIAL BASE AND MERIDIAN

USE AREA BOUNDARY

Commencing at the Southeast Corner of Section 29, Township 2 South, Range 5 West of the Uintah Special Base and Meridian;

Thence North 39°12'59" West 1014.16 feet to the TRUE POINT OF BEGINNING;

Thence North 80°07'51" West 475.00 feet;

Thence North 09°52'09" East 440.00 feet;

Thence South 80°07'51" East 475.00 feet;

Thence South 09°52'09" West 440.00 feet to the TRUE POINT OF BEGINNING,
containing 4.80 acres.

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

A 66 feet wide access road, pipeline and power line corridor right-of-way over a portion of Section 29, Township 2 South, Range 5 West of the Uintah Special Base and Meridian, the centerline of which is further described as follows;

Commencing at the Southeast Corner of said Section 29;

Thence North 86°23'30" West 695.60 feet to the TRUE POINT OF BEGINNING, said point being on the North line of an existing roadway;

Thence North 07°44'59" West 94.81 feet;

Thence North 03°20'29" West 109.90 feet;

Thence North 24°40'55" West 175.71 feet;

Thence North 11°32'35" West 107.58 feet;

Thence North 59°55'36" West 107.43 feet;

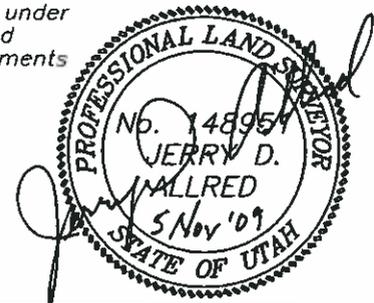
Thence North 44°21'31" West 124.20 feet;

Thence North 30°15'10" West 143.68 feet;

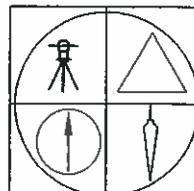
Thence North 07°05'24" East 78.35 feet to the South line of the Elpaso E&P Co. Owl and Hawk 4-29B5 well location use boundary. Said right-of-way being 941.67 feet in length, the sidelines of which being shortened or elongated to meet the use area boundary and existing road right-of-way lines.

SURVEYOR'S CERTIFICATE

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



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



JERRY D. ALLRED AND ASSOCIATES
SURVEYING CONSULTANTS

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

5 NOV 2009

01-128-117

'APIWellNo:43013502080000'



SCALE: 1=500'

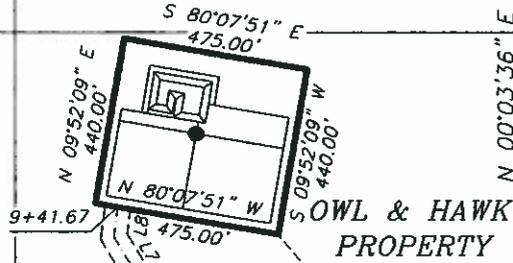
0' 500'



FOUND FEDERAL MONUMENT
AT QUARTER CORNER

ELPASO E & P COMPANY, L.P.
SURFACE USE AREA
OWL AND HAWK 4-29B5
4.80 ACRES

LINE	BEARING	DISTANCE
L1	N 07°44'59" W	94.81'
L2	N 03°20'29" W	109.90'
L3	N 24°40'55" W	175.71'
L4	N 11°32'35" W	107.58'
L5	N 59°55'36" W	107.43'
L6	N 44°21'31" W	124.20'
L7	N 30°15'10" W	143.68'
L8	N 07°05'24" E	78.35'



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

FOUND COUNTY MON
AT QUARTER CORNER

S 89°58'54" E 2637.94'

EXISTING ROAD

FOUND COUNTY MONUMENT
AT SECTION CORNER

SEC 29 SEC 28
SEC 32 SEC 33

CONFIDENTIAL

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 .18 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: Water Right 43-7323

5. Existing/Proposed Facilities For Productive Well:

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

6. Construction Materials:

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

7. Methods For Handling Waste Disposal:

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

8. Ancillary Facilities:

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

9. Surface Reclamation Plans:

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

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

10. Surface Ownership:

Owl & Hawk, L.L.C
c/o Mary F. Stanley.
7340 Binnacle Drive
Carlsbad, CA. 92011
Phone 949-422-8956

11. 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:

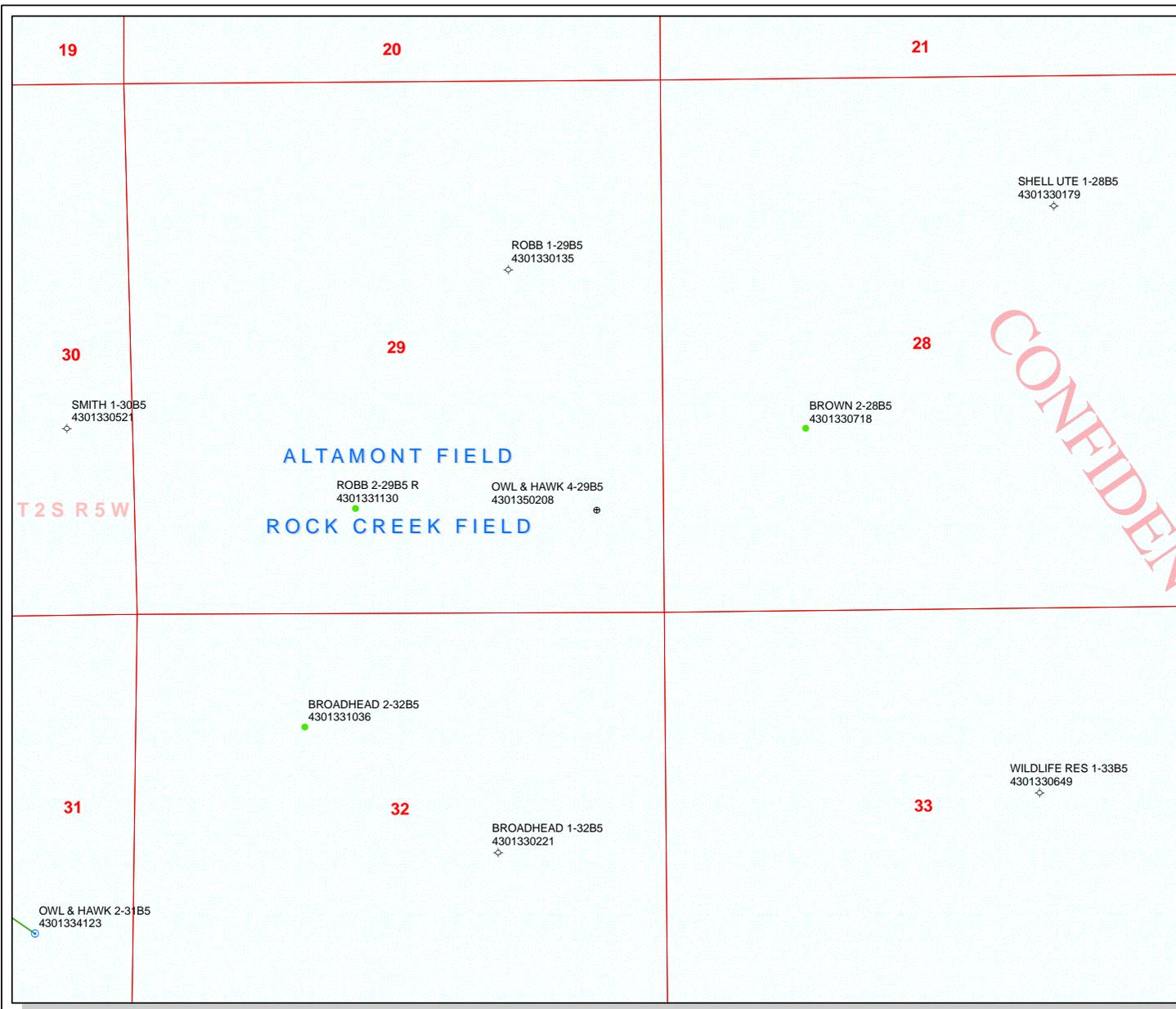
El Paso E & P Company
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

Regarding This APD

El Paso E & P Company
Marie OKeefe
1099 18th St. Ste. 1900
Denver, CO. 80202
303.291.6417 - Office

Drilling

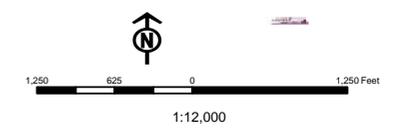
El Paso E & P Company
1099 18th St Ste 1900
Eric Giles – Drilling Manager
Denver, CO 80202
303.291.6446 – office 303.945.5440 - Cell



API Number: 4301350208
Well Name: OWL & HAWK 4-29B5
Township 02.0 S Range 05.0 W Section 29
Meridian: UBM
 Operator: EL PASO E&P COMPANY, LP

Map Prepared:
 Map Produced by Diana Mason

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



Well Name	EL PASO E&P COMPANY, LP OWL & HAWK 4-29B5 43013502080000			
String	Cond	Surf	I1	L1
Casing Size(")	13.375	9.625	7.000	4.500
Setting Depth (TVD)	600	4798	9788	14000
Previous Shoe Setting Depth (TVD)	0	600	4798	9788
Max Mud Weight (ppg)	8.4	8.9	10.0	13.5
BOPE Proposed (psi)	0	1000	5000	10000
Casing Internal Yield (psi)	2730	5750	11220	14420
Operators Max Anticipated Pressure (psi)	9828			13.5

Calculations	Cond String	13.375	"
Max BHP (psi)	$.052 * \text{Setting Depth} * \text{MW} =$	262	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	$\text{Max BHP} - (0.12 * \text{Setting Depth}) =$	190	NO Air drill
MASP (Gas/Mud) (psi)	$\text{Max BHP} - (0.22 * \text{Setting Depth}) =$	130	NO Reasonable depth
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	$\text{Max BHP} - .22 * (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	130	NO
Required Casing/BOPE Test Pressure=		600	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

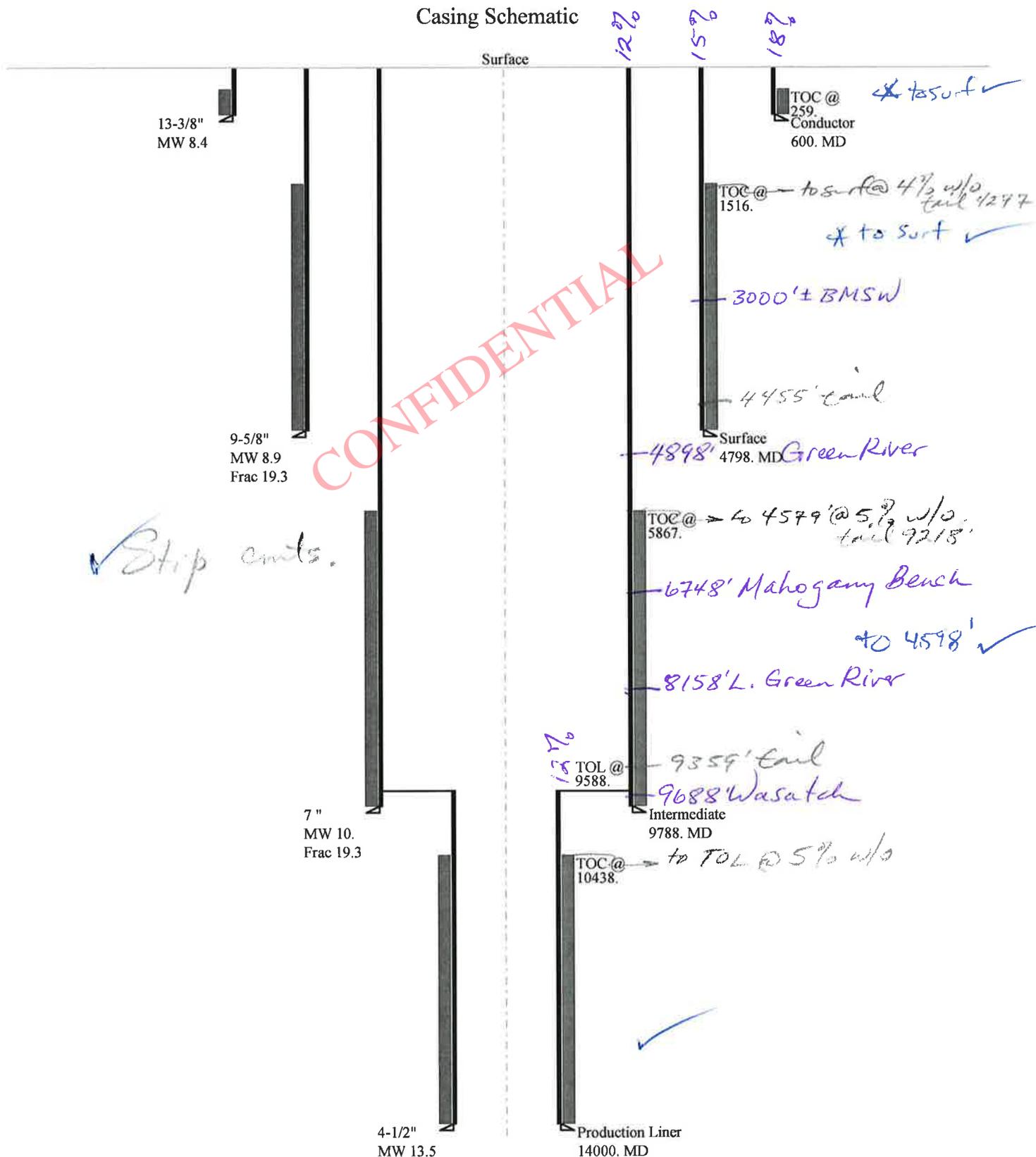
Calculations	Surf String	9.625	"
Max BHP (psi)	$.052 * \text{Setting Depth} * \text{MW} =$	2221	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	$\text{Max BHP} - (0.12 * \text{Setting Depth}) =$	1645	NO Air mist
MASP (Gas/Mud) (psi)	$\text{Max BHP} - (0.22 * \text{Setting Depth}) =$	1165	NO OK for area
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	$\text{Max BHP} - .22 * (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	1297	NO Reasonable
Required Casing/BOPE Test Pressure=		4025	psi
*Max Pressure Allowed @ Previous Casing Shoe=		600	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000	"
Max BHP (psi)	$.052 * \text{Setting Depth} * \text{MW} =$	5090	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	$\text{Max BHP} - (0.12 * \text{Setting Depth}) =$	3915	YES
MASP (Gas/Mud) (psi)	$\text{Max BHP} - (0.22 * \text{Setting Depth}) =$	2937	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	$\text{Max BHP} - .22 * (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	3992	YES OK
Required Casing/BOPE Test Pressure=		7854	psi
*Max Pressure Allowed @ Previous Casing Shoe=		4798	psi *Assumes 1psi/ft frac gradient

Calculations	L1 String	4.500	"
Max BHP (psi)	$.052 * \text{Setting Depth} * \text{MW} =$	9828	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	$\text{Max BHP} - (0.12 * \text{Setting Depth}) =$	8148	YES
MASP (Gas/Mud) (psi)	$\text{Max BHP} - (0.22 * \text{Setting Depth}) =$	6748	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	$\text{Max BHP} - .22 * (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	8901	YES OK
Required Casing/BOPE Test Pressure=		10000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		9788	psi *Assumes 1psi/ft frac gradient

43013502080000 OWL & HAWK 4-29B5

Casing Schematic



Well name:	43013502080000 OWL & HAWK 4-29B5		
Operator:	EL PASO E&P COMPANY, LP		
String type:	Conductor	Project ID:	43-013-50208
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 82 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft
 Cement top: 259 ft

Burst

Max anticipated surface pressure: 190 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 262 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.
 Neutral point: 525 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	600	13.375	54.50	J-55	ST&C	600	600	12.49	7445
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	262	1130	4.316	262	2730	10.43	32.7	514	15.72 J

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

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

Date: February 8, 2010
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 600 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013502080000 OWL & HAWK 4-29B5		
Operator:	EL PASO E&P COMPANY, LP		
String type:	Surface	Project ID:	43-013-50208
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 8.900 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 141 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft
Cement top: 1,516 ft

Burst

Max anticipated surface pressure: 3,910 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 4,486 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.
Neutral point: 4,163 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 9,788 ft
Next mud weight: 10,000 ppg
Next setting BHP: 5,085 psi
Fracture mud wt: 19,250 ppg
Fracture depth: 4,798 ft
Injection pressure: 4,798 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	4798	9.625	40.00	N-80	LT&C	4798	4798	8.75	61051
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	2218	3090	1.393	4486	5750	1.28	191.9	737	3.84 J

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

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

Date: February 8, 2010
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 4798 ft, a mud weight of 8.9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013502080000 OWL & HAWK 4-29B5		
Operator:	EL PASO E&P COMPANY, LP		
String type:	Intermediate	Project ID:	43-013-50208
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 211 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 5,867 ft

Burst

Max anticipated surface pressure: 6,738 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 8,892 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.
Neutral point: 8,307 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 14,000 ft
Next mud weight: 13,500 ppg
Next setting BHP: 9,818 psi
Fracture mud wt: 19,250 ppg
Fracture depth: 9,788 ft
Injection pressure: 9,788 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	9788	7	29.00	P-110	LT&C	9788	9788	6.059	110532
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	5085	8530	1.678	8892	11220	1.26	283.9	797	2.81 J

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

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

Date: February 8, 2010
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9788 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013502080000 OWL & HAWK 4-29B5		
Operator:	EL PASO E&P COMPANY, LP		
String type:	Production Liner	Project ID:	43-013-50208
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 13.500 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 270 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 10,438 ft

Burst

Max anticipated surface pressure: 6,738 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 9,818 psi

No backup mud specified.

Tension:

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

Liner top: 9,588 ft

Non-directional string.

Tension is based on air weight.

Neutral point: 13,099 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	4400	4.5	15.10	P-110	LT&C	14000	14000	3.701	27588
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	9818	14350	1.462	9818	14420	1.47	66.4	406	6.11 J

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

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

Date: February 8, 2010
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 14000 ft, a mud weight of 13.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

AFFIDAVIT OF SURFACE DAMAGE AGREEMENT

Catherine L. Hammock personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Catherine L. Hammock. I am a Sr. Staff Landman for El Paso E&P Company, L.P., whose address is 1099 18th Street, Denver, Colorado 80202 ("El Paso").
2. El Paso is the operator of the proposed Owl & Hawk 4-29B5 well (the "Well") to be located in the SE/4SE/4 of Section 29, Township 2 South, Range 5 West, USM, Duchesne County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location, including the access road is El Paso, therefore no Surface Damage Agreement will be required.

FURTHER AFFIANT SAYETH NOT.

Catherine L. Hammock
 Catherine L. Hammock

ACKNOWLEDGMENT

STATE OF COLORADO §
 §
 CITY AND COUNTY OF DENVER §

Before me, a Notary Public, in and for this state, on this 15th day of June, 2010, personally appeared Catherine L. Hammock, to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.

Ranae L. Johnson
 NOTARY PUBLIC

My Commission Expires:

**RANAEL JOHNSON
 NOTARY PUBLIC
 STATE OF COLORADO**
 My Commission Expires 09/26/2010

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator	EL PASO E&P COMPANY, LP				
Well Name	OWL & HAWK 4-29B5				
API Number	43013502080000	APD No	2262	Field/Unit	ALTAMONT
Location: 1/4,1/4	SESE	Sec	29	Tw	2.0S
GPS Coord (UTM)	545298	4458064	Rng	5.0W	1050 FSL 850 FEL
			Surface Owner	EL PASO E & P COMPANY	

Participants

Floyd Bartlett (DOGM) Wayne Garner (Construction Supervisor, Elpaso), Byron Moos (Landpro-Land Agent)

Regional/Local Setting & Topography

The general area is in the Sand Wash drainage of the Altamont-Bluebell oilfield of Duchesne County. Blacktail Ridge is to the west and Utahn to the east. The Sand Wash drainage originates on Blacktail Ridge and runs in a southwesterly direction approximately 12 miles to the Duchesne River. This drainage and its tributaries are ephemeral with most flows consisting of seasonal runoff. Seeps or springs are uncommon in the area. The area is characterized by gentle to moderately sloping pinion-juniper forestlands with frequent steep, deep draws especially in the headwaters and as it approaches the Duchesne River bottom. The draws and some flats have exposed sandstone bedrock out crops. Other flats contain deep sandy loam soils that are quite productive. Some benches and gentle slopes have been chained to remove the tree cover and promote seeded species for deer and elk forage. The area is approximately 9 air miles and 13 road miles northwest of Duchesne, Utah. Access is by State highways and existing county and oilfield development roads. Approximately 0.18 miles of new road over difficult terrain will be constructed to reach the location.

The Owl and Hawk 4-29B5 oil well pad is proposed on a ledgey, rocky south facing hillside which leads away from a flat-topped ridge or mesa to the north. The site is broken into two benches containing sandstone ledges or boulders. The pad is oriented in an east to west direction. Twenty-five feet of cut is planned on the northwest portion that contains the reserve pit. Fill will be moved southerly with 26.8 feet of fill on the southeast corner at Location Corner 8. Cut at the well location is 8 feet. Significant blasting will be required to construct the pad and the reserve pit. No drainages intersect the site and no diversions are needed. When constructed, the pad should be stable and suitable for drilling and operating the well.

Surface Use Plan

Current Surface Use
Wildlfe Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
18	Width 357 Length 425	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

The site was covered with about 6 inches of snow. Identified vegetation included juniper, ephedra, halogeton, slender wheat grass and annuals.

Deer, elk, coyotes, and small mammals and birds.

Soil Type and Characteristics

Surface soils are shallow with exposed surface bedrock.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

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



Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	>200	0	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	20	1 Sensitivity Level

Characteristics / Requirements

An irregular shaped reserve pit is 110' x 150' x 12' deep is planned in an area of cut in the northwest corner of the location. A 16-mil liner with a double layer of sub-felt is required.

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

Other Observations / Comments

Floyd Bartlett
Evaluator

12/9/2009
Date / Time

Application for Permit to Drill

Statement of Basis

6/30/2010

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
2262	43013502080000	LOCKED	OW	P	No
Operator	EL PASO E&P COMPANY, LP		Surface Owner-APD	EL PASO E & P COMPANY	
Well Name	OWL & HAWK 4-29B5		Unit		
Field	ALTAMONT		Type of Work	DRILL	
Location	SESE 29 2S 5W U 1050 FSL 850 FEL GPS Coord (UTM) 545354E 4458052N				

Geologic Statement of Basis

El Paso proposes to set 600 feet of conductor and 4,798 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 18 water wells within a 10,000 foot radius of the center of Section 29. These wells range in depth from 25-700 feet. The wells are listed as being used for irrigation, stock watering, oil exploration and domestic. The proposed drilling, casing and cement program should adequately protect usable ground water in this area.

Brad Hill
APD Evaluator

1/19/2010
Date / Time

Surface Statement of Basis

The general area is in the Sand Wash drainage of the Altamont-Bluebell oilfield of Duchesne County. Blacktail Ridge is to the west and Utahn to the east. The Sand Wash drainage originates on Blacktail Ridge and runs in a southwesterly direction approximately 12 miles to the Duchesne River. This drainage and its tributaries are ephemeral with most flows consisting of seasonal runoff. Seeps or springs are uncommon in the area. The area is characterized by gentle to moderately sloping pinion-juniper forestlands with frequent steep, deep draws especially in the headwaters and as it approaches the Duchesne River bottom. The draws and some flats have exposed sandstone bedrock out crops. Other flats contain deep sandy loam soils that are quite productive. Some benches and gentle slopes have been chained to remove the tree cover and promote seeded species for deer and elk forage. The area is approximately 9 air miles and 13 road miles northwest of Duchesne, Utah. Access is by State highways and existing county and oilfield development roads. Approximately 0.18 miles of new road over difficult terrain will be constructed to reach the location.

The Owl and Hawk 4-29B5 oil well pad is proposed on a ledgey, rocky south facing hillside which leads away from a flat-topped ridge or mesa to the north. The site is broken into two benches containing sandstone ledges or boulders. The pad is oriented in an east to west direction. Twenty-five feet of cut is planned on the northwest portion that contains the reserve pit. Fill will be moved southerly with 26.8 feet of fill on the southeast corner at Location Corner 8. Cut at the well location is 8 feet. Significant blasting will be required to construct the pad and the reserve pit. No drainages intersect the site and no diversions are needed. When constructed, the pad should be stable and suitable for drilling and operating the well.

Ms. Mary Stanley co-owner of the surface was invited by phone to the pre-site visit. She did not attend this particular site but joined us later in the day. Mr. Garner of ElPaso discussed the location with her. She had no objections to the use of the area. A surface use agreement is being negotiated.

Floyd Bartlett
Onsite Evaluator

12/9/2009
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
-----------------	------------------

Application for Permit to Drill Statement of Basis

6/30/2010

Utah Division of Oil, Gas and Mining

Page 2

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

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**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 1/5/2010

API NO. ASSIGNED: 43013502080000

WELL NAME: OWL & HAWK 4-29B5

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

PHONE NUMBER: 303 291-6417

CONTACT: Marie Okeefe

PROPOSED LOCATION: SESE 29 020S 050W

Permit Tech Review:

SURFACE: 1050 FSL 0850 FEL

Engineering Review:

BOTTOM: 1050 FSL 0850 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.27361

LONGITUDE: -110.46655

UTM SURF EASTINGS: 545354.00

NORTHINGS: 4458052.00

FIELD NAME: ALTAMONT

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT**
- Bond:** STATE/FEE - 400JU0708
- Potash**
- Oil Shale 190-5**
- Oil Shale 190-3**
- Oil Shale 190-13**
- Water Permit:** WATER RIGHT 43-7323
- RDCC Review:**
- Fee Surface Agreement**
- Intent to Commingle**

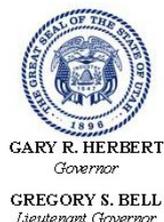
LOCATION AND SITING:

- 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 Drilling U Bdry & 1320' Fr other wells
- R649-3-11. Directional Drill**

Commingleing Approved

Comments: Presite Completed

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



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: OWL & HAWK 4-29B5
API Well Number: 43013502080000
Lease Number: FEE
Surface Owner: FEE (PRIVATE)
Approval Date: 6/30/2010

Issued to:

EL PASO E&P COMPANY, LP, 1099 18th ST, STE 1900 , Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of 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 volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface as stated in the drill 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 4598' MD as indicated in the submitted drilling plan.

Additional Approvals:

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

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

Notification Requirements:

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

- Within 24 hours following the spudding of the well – contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://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:



Acting Associate Director, Oil & Gas

<p>STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p>FORM 9</p>
<p>SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>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.</p>	<p>5. LEASE DESIGNATION AND SERIAL NUMBER: FEE</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</p> <p>7. UNIT or CA AGREEMENT NAME:</p>
<p>1. TYPE OF WELL Oil Well</p>	<p>8. WELL NAME and NUMBER: OWL & HAWK 4-29B5</p>
<p>2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP</p>	<p>9. API NUMBER: 43013502080000</p>
<p>3. ADDRESS OF OPERATOR: 1099 18th ST, STE 1900 , Denver, CO, 80202</p>	<p>PHONE NUMBER: 303 291-6417 Ext</p> <p>9. FIELD and POOL or WILDCAT: ALTAMONT</p>
<p>4. LOCATION OF WELL FOOTAGES AT SURFACE: 1050 FSL 0850 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 29 Township: 02.0S Range: 05.0W Meridian: U</p>	<p>COUNTY: DUCHESNE</p> <p>STATE: UTAH</p>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<p><input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/21/2010</p> <p><input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:</p> <p><input type="checkbox"/> SPUD REPORT Date of Spud:</p> <p><input type="checkbox"/> DRILLING REPORT Report Date:</p>	<p><input type="checkbox"/> ACIDIZE</p> <p><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</p> <p><input type="checkbox"/> CHANGE WELL STATUS</p> <p><input type="checkbox"/> DEEPEN</p> <p><input type="checkbox"/> OPERATOR CHANGE</p> <p><input type="checkbox"/> PRODUCTION START OR RESUME</p> <p><input type="checkbox"/> REPERFORATE CURRENT FORMATION</p> <p><input type="checkbox"/> TUBING REPAIR</p> <p><input type="checkbox"/> WATER SHUTOFF</p> <p><input type="checkbox"/> WILDCAT WELL DETERMINATION</p>	<p><input type="checkbox"/> ALTER CASING</p> <p><input type="checkbox"/> CHANGE TUBING</p> <p><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</p> <p><input type="checkbox"/> FRACTURE TREAT</p> <p><input type="checkbox"/> PLUG AND ABANDON</p> <p><input type="checkbox"/> RECLAMATION OF WELL SITE</p> <p><input type="checkbox"/> SIDETRACK TO REPAIR WELL</p> <p><input type="checkbox"/> VENT OR FLARE</p> <p><input type="checkbox"/> SI TA STATUS EXTENSION</p> <p><input type="checkbox"/> OTHER</p>	<p><input type="checkbox"/> CASING REPAIR</p> <p><input checked="" type="checkbox"/> CHANGE WELL NAME</p> <p><input type="checkbox"/> CONVERT WELL TYPE</p> <p><input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> PLUG BACK</p> <p><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</p> <p><input type="checkbox"/> TEMPORARY ABANDON</p> <p><input type="checkbox"/> WATER DISPOSAL</p> <p><input type="checkbox"/> APD EXTENSION</p> <p>OTHER: <input style="width: 100px;" type="text"/></p>

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

El Paso requests approval to change well name: From: Owl & Hawk 4-29B5
To: El Paso 4-29B5

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

NAME (PLEASE PRINT) Marie Okeefe	PHONE NUMBER 303 291-6417	TITLE Sr Regulatory Analyst
SIGNATURE N/A	DATE 12/21/2010	

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

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

Well Name: EL PASO 4-29B5

Api No: 43-013-50208 Lease Type FEE

Section 29 Township 02S Range 05W County DUCHESNE

Drilling Contractor PETE MARTIN DRILLING RIG # BUCKET

SPUDDED:

Date 01/26/2011

Time 9:30 AM

How DRY

Drilling will Commence: _____

Reported by WAYNE GARNER

Telephone # (435) 823-1490

Date 01/26/2011 Signed CHD

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: EL PASO 4-29B5
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013502080000
3. ADDRESS OF OPERATOR: 1099 18th ST, STE 1900 , Denver, CO, 80202	PHONE NUMBER: 303 291-6417 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1050 FSL 0850 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 29 Township: 02.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/15/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

El Paso wishes to deepen the 13.375" conductor setting depth from permitted 600', to 1,500' in order to cover possible loss and water flow zones.

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

Date: 02/15/2011
By: *Derek Duff*

NAME (PLEASE PRINT) Marie Okeefe	PHONE NUMBER 303 291-6417	TITLE Sr Regulatory Analyst
SIGNATURE N/A	DATE 2/11/2011	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013502080000

Cement should be circulated from setting depth back to surface. Note: Design factors for proposed casing are adequate.

1 General

1.1 Customer Information

Company	WESTERN
Representative	
Address	

1.2 Well Information

Well	EL PASO 4-29B5		
Project	ALTAMONT FIELD	Site	EL PASO 4-29B5
Rig Name/No.	PROPETRO/5, PETE MARTIN/1, PRECISION DRILLING/404	Event	DRILLING LAND
Start Date	1/2/2011	End Date	5/29/2011
Spud Date	4/9/2011	UWI	EL PASO 4-29B5
Active Datum	KB @6,212.0ft (above Mean Sea Level)		
Afe No./Description	143460/41529 / EL PASO 4-29B5		

2 Summary

2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
2/16/2011	6:00 6:15	0.25	MIRU	41		P	40.0	CREW CHANGE & SAFETY MEETING.
	6:15 9:15	3.00	MIRU	1		P	40.0	MIRU PRO PETRO #5 RIG.
	9:15 18:00	8.75	DPDCOND	7		P	40.0	SPUD@ 0915 A.M. DRILL 17-1/2" HOLE W/ AIR & HAMMER F/ 40' TO 390'.
	18:00 18:15	0.25	DPDCOND	41		P	390.0	CREW CHANGE & SAFETY MEETING.
	18:15 20:00	1.75	DPDCOND	7		P	390.0	DRILL 17-1/2" HOLE W/ AIR & HAMMER F/ 390' TO 540'.
	20:00 20:30	0.50	DPDCOND	11		P	540.0	WIRE LINE SURVEY @ 510' .750 DEGREES.
	20:30 6:00	9.50	DPDCOND	7		P	540.0	DRILL 17-1/2" HOLE W/ AIR & HAMMER F/ 540' TO 930'. HIT WATER @ 640' 1 BPM.
2/17/2011	6:00 6:15	0.25	DPDCOND	41		P	930.0	CREW CHANGE. SAFETY MEETING.
	6:15 11:00	4.75	DPDCOND	7		P	930.0	DRILL 17-1/2" HOLE F/ 930' TO 1050'. WATER FLOW 1.5 BPM.
	11:00 11:30	0.50	DPDCOND	11		P	1,050.0	DEVIATION SURVEY @ 1020' .5 DEGREES
	11:30 18:00	6.50	DPDCOND	7		P	1,050.0	DRILL 17-1/2" HOLE F/ 1050' TO 1170'. WATER FLOW 1.5 BPM.
	18:00 18:15	0.25	DPDCOND	41		P	1,170.0	CREW CHANGE. SAFETY MEETING.
	18:15 19:00	0.75	DPDCOND	7		P	1,170.0	DRILL 17-1/2" HOLE F/ 1170' TO 1200'. WATER FLOW 1.5 BPM.
	19:00 20:00	1.00	DPDCOND	15		P	1,200.0	CIRCULATE HOLE CLEAN.
	20:00 5:15	9.25	DPDCOND	13		P	1,200.0	TOOH LD AIR HAMMER.
5:15 6:00	0.75	DPDCOND	13		P	1,200.0	PU TRI CONE START TIH.	
2/18/2011	6:00 6:15	0.25	DPDCOND	41		P	1,200.0	CREW CHANGE. SAFETY MEETING.
	6:15 12:00	5.75	DPDCOND	13		P	1,200.0	TIH
	12:00 15:00	3.00	DPDCOND	42		P	1,200.0	RIG UP WATER PUMPING EQUIPMENT.
	15:00 18:00	3.00	DPDCOND	7		P	1,200.0	DRILL 17-1/2" HOLE W/ AIR/WATER ROTARY F/ 1200' TO 1250'.
	18:00 18:15	0.25	DPDCOND	41		P	1,250.0	CREW CHANGE. SWAFETY MEETING.
	18:15 23:15	5.00	DPDCOND	7		P	1,250.0	DRILL 17-1/2" HOLE W/ AIR/WATER ROTARY F/ 1250' TO 1370'.
	23:15 23:30	0.25	DPDCOND	15		P	1,370.0	CIRCULATE FOR SURVEY.
	23:30 0:00	0.50	DPDCOND	11		P	1,370.0	DEVIATION SURVEY @ 1350' .750 DEGREES.
0:00 6:00	6.00	DPDCOND	45		N	1,370.0	RIG REPAIRS. CHANGE OUT CHARGE PUMP.	
2/19/2011	6:00 6:15	0.25	DPDCOND	41		P	1,370.0	CREW CHANGE. SAFETY MEETING.
	6:15 11:00	4.75	DPDCOND	45		N	1,370.0	RIG REPAIRS. THAW RIG WATER PUMP.
	11:00 11:30	0.50	DPDCOND	13		P	1,370.0	TIH.
	11:30 13:45	2.25	DPDCOND	7		P	1,370.0	DRILL 17-1/2" HOLE W/ WATER & AIR MIST F/ 1370' TO 1385'.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
2/20/2011	13:45 18:00	4.25	DPDCOND	43		N	1,345.0	RIG REPAIR. CHANGE OUT HYDRAULIC COOLER.
	18:00 18:15	0.25	DPDCOND	41		P	1,345.0	CREW CHANGE. SAFETY MEETING.
	18:15 6:00	11.75	DPDCOND	7		P	1,345.0	DRILL 17-1/2" HOLE W/ WATER & AIR MIST F/ 1385' TO 1490'.
	6:00 6:15	0.25	DPDCOND	41		P	1,490.0	PRE TOUR SAFETY MEETING.
	6:15 12:00	5.75	DPDCOND	7		P	1,490.0	DRILL 17 1/2" HOLE W/WATER & AIR MIST F/ 1490' TO 1550'.
	12:00 13:00	1.00	DPDCOND	15		P	1,550.0	CIRCULATE HOLE CLEAN.
	13:00 13:30	0.50	DPDCOND	11		P	1,550.0	DEVIATION SURVEY @ 1500' 1.25 DEGREES.
	13:30 18:00	4.50	DPDCOND	14		P	1,550.0	TOOH LD PIPE & BHA.
	18:00 0:00	6.00	CASCOND	24		P	1,550.0	PU & RUN 35 JOINTS, GUIDE SHOE & FLOAT COLLAR 13-3/8", 54.5 PPF, J-55, ST&C CASING TO 1523.64' GROUND LEVEL.
0:00 6:00	6.00	CASCOND	25		P	1,550.0	CEMENT 13-3/8" 54.5 PPG, J-55, ST&C CASING WITH 216 BBLs FRESH WATER, 20 BBLs GEL, LEAD PREMIUM CEMENT 11.0 PPG, 3.82 YIELD, 23 GAL/SK WATER, 238 BBLs 350 SKS, TAIL PREMIUM CEMENT 15.8 PPG, 1.15 YIELD, 5 GAL/SK WATER, 102 BBLs 500 SKS, DISPLACED W/ FRESH WATER 228 BBLs, DROPPED PLUGGED ON FLY. BUMPED PLUG FROM 410 PSI TO 850 PSI @ 2/20/2011 0323 A.M. HELD PRESSURE FOR 15 MIN. BLEED PRESSURE OFF. FLOATS HOLDING. ANNULUS FELL BACK. 15 BBLs LEAD CEMENT TO SURFACE THEN FELL BACK. WAIT 2 HRS 1ST TOP OUT WITH 20.4 BBLs 100 SKS 4% CACL2 FELL BACK. WAIT 2 HOURS 2ND TOP OUT WITH 17.4 BBLs 85 SKS 4% CACL2. CEMENT TO SURFACE & STAYED TO SURFACE. RD & RELEASE PRO PETRO.	
4/6/2011	6:00 18:00	12.00	MIRU	01		P	1,567.0	CONTINUE LAY DOWN TOP DRIVE, PREPARE RIG TO LAY DOWN DERRICK, HELD PRE-JOB SAFETY MEETING WITH RIG, WESTROC, MOUNTAIN WEST - WESTROCK HAULED AWAY 25 LOADS, 46% OF RIG (CAMP, ALL TUBULAR S / PIPE RACKS, TDU POWER UNIT AND TDU, 400 BBL STORAGE TANKS - DERRICK LAYED OVER AT 12:30 HRS 04/05/11 - SUSPENDED RIG MOVE AT 17:00 HRS WILL CONTINUE TO MOVE AT 07:00 HRS 04/06/11
	18:00 6:00	12.00	MIRU	01		P	1,567.0	WAITING ON DAYLIGHT TO CONTINUE RIG MOVE FROM THE WILSON 3-36B5 TO THE EL PASO 4-29B5
4/7/2011	6:00 6:30	0.50	MIRU	41		P	1,567.0	SAFETY MEETING WITH RIG CREWS AND WEST ROC TRUCKING ON WILSON LOCATION. DISCUSS MOVE FROM WILSON 3-36B5 TO ELPASO 4-29B5
	6:30 12:00	5.50					1,567.0	HAUL RIG OFF WILSON WELL
	12:00 14:00	2.00	MIRU	01		P	1,567.0	SPOT MATTING FOR SUB
	14:00 14:30	0.50	MIRU	01			1,567.0	SPOT SUB
	14:30 17:30	3.00	MIRU	01		P	1,567.0	INSTALL DRAWWORKS, SPOT MUD TANKS, SPOT MUD PUMPS, SPOT GENERATORS, SPOT WATER TANK AND RAISE DOG HOUSE, PIN DERRICK ON SUB, SPOT TOOL HOUSE
	17:30 19:00	1.50	MIRU	01		P	1,567.0	SET IN CAT WALK, WESTROC TRUCKING RELEASED TRUCKS AT 19:00 HRS 04/06/11
4/8/2011	19:00 6:00	11.00	MIRU	01		P	1,567.0	SHUT DOWN FOR THE NIGHT - WILL RESUME RIGGING UP RIG - 100% MOVED ON, 75% RIGGED UP
	6:00 10:15	4.25	MIRU	01		P	1,567.0	HPJSM ON CONTINUING TO RIG UP RIG
	10:15 10:30	0.25	MIRU	01		P	1,567.0	SAFETY MEETING ON RASING DERRICK
	10:30 18:00	7.50	MIRU	01		P	1,567.0	RAISE DERRICK 6" OFF HEADACH POST FOR PULL TEST BEFORE LIFTING DERRICK, WAITED 5 MINUTES, OK! CONTINUED TO RAISE DERRICK - PINNED SAME, RIG UP FLOOR - BRIDEL DOWN - PICKED UP KELLY SWIVEL - RIG UP KELLY HOSE - SPOT IN GAS BUSTER AND CHOKE MANIFOLD SHACK
18:00 19:00	1.00	MIRU	41		P	1,567.0	HELD PRE-SPUD SAFETY MEETING WITH PRECISION DRILLING, AES MUD, AIR ASSOCIATES, MELTON LOGGING CREWS	

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	19:00 19:15	0.25	MIRU	41		P	1,567.0	HELD SAFETY MEETING ON PICKING UP AND RIGGING UP TESCO TOP DRIVE UNIT
	19:15 0:00	4.75	MIRU	01		P	1,567.0	MAKE UP SWIVEL INTO TOP DRIVE, HANG SERVICE LOOP, HOOK UP HYDRAULIC LINES, TORQUE SWIVEL, INSTALL BAILS & LINK TILTS, ADJUST TORQUE SETTINGS, HOOK UP & TEST EXTEND ALARM, INSTALL DOUBLE BALL VALVE & 4 1/2" QUILL, HOOK UP KELLY HOSE
	0:00 4:15	4.25	MIRU	01		P	1,567.0	ROUGH CUT 13 3/8 CASING, MAKE FINAL CUT ON CASING (TOP OF WELL HEAD 8" ABOVE MATTING) PREP CASING, CENTER CASING BOWL & SQUARE TO SUB, LEVEL, AND WELD ON B SECTION, PRESSURE TEST TO 800 PSI FOR 15 MIN. OK!
	4:15 4:30	0.25	CASSURF	41		P	1,567.0	SAFETY MEETING ON NIPPLE UP BOP
	4:30 6:00	1.50	CASSURF	28		P	1,567.0	NIPPLE UP 13 3/8 DIVERTER
4/9/2011	6:00 13:45	7.75	CASSURF	28		P	1,567.0	CONTINUE TO NIPPLE UP 13 3/8, FLARE LINES, NEW WEATHERFORD CHOKE LINES, INSTALL WALK WAYS AND HAND RAILS AROUND DIVERTER
	13:45 14:00	0.25	CASSURF	41		P	1,567.0	SAFETY MEETING WITH WEATHERFORD TESTERS ON PRESSURE TESTING
	14:00 18:45	4.75	CASSURF	30		P	1,567.0	PRESSURE TEST ANNULAR/HCR/INSIDE KILL @ INSIDE B.O.P. 250 PSI LOW & 5000 PSI HIGH FOR 10 MIN EACH TEST. TEST MANUAL & HYDRAULIC TOP DRIVE VALVE 250 PSI LOW & 1000 PSI HIGH, TEST STAND PIPE AND KILL LINE 250 PSI LOW & 1000 PSI HIGH, 10 MIN EACH TEST.
	18:45 20:15	1.50	CASSURF	28		P	1,567.0	RIG UP FLARE LINES AND DEGASSER LINES
	20:15 20:30	0.25	CASSURF	14		P	1,567.0	LOAD DIRECTIONAL TOOLS ON CAT WALK
	20:30 20:45	0.25	CASSURF	41		P	1,567.0	PRE JOB SAFETY MEETING ON PICKING UP DIRECTIONAL TOOLS
	20:45 22:45	2.00	CASSURF	14		P	1,567.0	MAKE UP 12 1/4 REED BIT, TORK BUSTER AND DIRECTIONAL TOOLS.
	22:45 2:00	3.25	CASSURF	28		P	1,567.0	CONTINUE TO RIG UP FLARE LINES, MOVE DRILL COLLARS TO PIPE RACKS AND STRAP
	2:00 2:15	0.25	CASSURF	41		P	1,567.0	BOP DRILL WELL SECURE IN 96 SEC.
	2:15 4:00	1.75	CASSURF	14		P	1,567.0	PICK UP BHA FROM 81' TO 831'
	4:00 4:30	0.50	CASSURF	17		P	1,567.0	CUT OFF 9 WRAPS OF DRILL LINE
	4:30 6:00	1.50	CASSURF	14		P	1,567.0	PICK UP 4 1/2" DRILL PIPE
4/10/2011	6:00 6:30	0.50	CASSURF	15		P	1,567.0	CIRCULATE - HELD BOPE DRILL, ALL MEN IN PLACE IN 90 SECONDS
	6:30 8:00	1.50	CASSURF	15		P	1,567.0	HELD SAFETY MEETING WITH WEATHERFORD PRESSURE TESTER, RIG CREW ON TESTING 13 3/8" CASING - RIG UP TESTED CASING TO 1000 PSI FOR 30MINUTES, NO BLEED OFF!
	8:00 10:00	2.00	CASSURF	32		P	1,567.0	CLEAN OUT CEMENT ON TOP OF THE FLOAT COLLAR, DRILL OUT FLOAT COLLAR, SHOE TRACK - CLEAN OUT 5 FT BELOW SHOE TO 1546'
	10:00 10:15	0.25	CASSURF	15		P	1,567.0	CIRCULATED HOLE CLEAN
	10:15 10:30	0.25	CASSURF	33		P	1,567.0	PERFORMED FIT WITH WATER 8.34 PPG + 450 PSI AT SURFACE EQUALED 13.94 PPG OR 0.72 PSI GRADIENT
	10:30 12:30	2.00	CASSURF	42		P	1,567.0	HELD SAFETY MEETING WITH AIR ASSOCIATES, RIG CREW ON SECURING BLOW DOWN LINES AND INSTALLING WHIP CHECKS ON INCOMING HIGH AIR PRESSURE LINES
	12:30 13:15	0.75	CASSURF	42		P	1,567.0	HELD OPERATING PROCEEDURE WITH UNFAMILIAR CREW ON AIR DRRILLING, FUNCTION ALL VALVES - ESTABLISHED JSA FOR UP COMING OPERATIONS USING HIGH PRESSURE AIR WHILE DRILLING
	13:15 13:30	0.25	CASSURF	42		P	1,567.0	CLEAN OUT RATHOLE SECTION OF 17 1/2" HOLE FROM 1546' / 1567'

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	13:30 15:30	2.00	DRLSURF	07		P	1,567.0	START DRILLING DRILLED 12 1/4" HOLE FROM 1567' TO 1669' = (102') IN 2.HRS = 51' / HR WOB 15 K, RPM AT BIT= 68' GPM: 588, SPP:1250 PSI, TORQUE= 9550 FT LBS, ROTARY= 40 RPM
	15:30 15:45	0.25	DRLSURF	12		P	1,669.0	RIG SERVICE, FUNCTION TEST DIVERTER C/O = 21 SEC,
	15:45 21:00	5.25	DRLSURF	07		P	1,669.0	DRILLED 12 1/4" HOLE FROM 1669' TO 1987' = (318') IN 5.25 .HRS = 60.5' / HR WOB 24K, RPM AT BIT=158 ' GPM: 705, SPP:1250 PSI, TORQUE= 9550 FT LBS, ROTARY= 60 RPM
	21:00 21:15	0.25	DRLSURF	15		P	1,987.0	CIRCULATE HOLE CLEAN.
	21:15 23:00	1.75	DRLSURF	57		N	1,987.0	TRIP OUT OF HOLE FOR DIRECTIONAL TOOL FAILER, FROM 1987' TO 81' PULL ROTATING HEAD, CHECK BIT AND MTR,
	23:00 1:15	2.25	DRLSURF	57		N	1,987.0	CHANGE OUT MWD TOOLS, RESCRIBE MOTOR AND PROGRAM TOOLS
	1:15 3:00	1.75	DRLSURF	57		N	1,987.0	MAKE UP BHA, TRIP IN HOLE FROM 81' TO 1856'
	3:00 3:45	0.75	DRLSURF	57		N	1,987.0	WASH AND REAM FROM 1856' TO 1987' RETAKE SURVEYS,
	3:45 4:45	1.00	DRLSURF	07		P	1,987.0	DRILLED 12 1/4" HOLE FROM 1987' TO 2042' = (55') IN 1 .HR = 55' / HR WOB 24K, RPM AT BIT=158 ' GPM: 705, SPP:1250 PSI, TORQUE= 9550 FT LBS, ROTARY= 60 RPM
	4:45 5:00	0.25	DRLSURF	12		P	2,042.0	RIG SERVICE, FUNCTION TEST CROWNOMATIC,
	5:00 6:00	1.00	DRLSURF	07		P	2,042.0	DRILLED 12 1/4" HOLE FROM 2042' TO 2100' = (58') IN 1 .HR = 58' / HR WOB 24K, RPM AT BIT=158 ' GPM: 705, SPP:1250 PSI, TORQUE= 9550 FT LBS, ROTARY= 60 RPM
4/11/2011	6:00 16:30	10.50	DRLSURF	07		P	2,100.0	CONTINUE TO DRILL 12 1/4" HOLE FROM 2100' TO 2789' = (689') IN 10.5 HRS = 65.6' / HR WOB 28K, RPM AT BIT=158 ' GPM: 705, SPP:1789 PSI, TORQUE= 8550 FT LBS, ROTARY= 60 RPM - NOTE: LOSSES TO THE HOLE WAS 596 BBL FOR THIS SECTION OF HOLE, AVERAGE WAS 74.5 BBL / HR
	16:30 16:45	0.25	DRLSURF	12		P	2,789.0	SERVICE UP RIG - FUNCTION TESTED DIVERTER, CLOSED IN 21 SECONDS
	16:45 0:30	7.75	DRLSURF	07		P	2,789.0	HELD HAND OVER AND SAFETY MEETING 1730 TO 1800 HRS CONTINUE TO DRILL 12.1/4" HOLE FROM 2789' TO 2882' = (93') IN 7.75 HRS = 12' / HR WOB 30K, RPM AT BIT=158 ' GPM: 705, SPP:1850 PSI, TORQUE=7150 FT LBS, ROTARY= 45 MTR=98, RPM = 143, GPM = 704 - NOTE: LOSSES TO THE HOLE WAS 500 BBL FOR THIS SECTION OF HOLE, AVERAGE WAS 64.5 BBL / HR.
	0:30 0:45	0.25	DRLSURF	12		P	2,882.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER,
	0:45 3:45	3.00	DRLSURF	07		P	2,882.0	DRILLED 12.1/4" HOLE FROM 2882' TO 2964' = (82') IN 3. HRS = 27.3' / HR WOB 30/20K, RPM AT BIT=158 ' GPM: 705, SPP:3240 PSI, TORQUE=10500 FT LBS, ROTARY= 45 MTR=98, RPM = 143, GPM = 704 - NOTE: PRESSURE INCREASE AFTER MAKING CONECTION 1400 PSI LOSSES TO THE HOLE WAS 300 BBL FOR THIS SECTION OF HOLE, AVERAGE WAS 100 BBL / HR.NOTE LOST ALL RETURNS AT 2964'
	3:45 4:30	0.75	DRLSURF	52		N	2,964.0	LOST ALL RETURNS, PICK UP 90' OFF BOTTOM, CIRCULATE AND MIX SAWDUST, KEEP PIPE MOVING, FULL RETURNS,
	4:30 5:15	0.75	DRLSURF	07		P	2,964.0	DRILLED 12.1/4" HOLE FROM 2964' TO 2979' = (15') IN .75 HRS = 20' / HR WOB 20/10K, RPM AT BIT=158 ' GPM: 705, SPP:3240 PSI, TORQUE=10500 FT LBS, ROTARY= 45 MTR=98, RPM = 143, GPM = 704 -
	5:15 6:00	0.75	DRLSURF	15		P	2,979.0	CIRCULATE HOLE CLEAN, LOST ALL RETURNS TO SURFACE AT 2979'
4/12/2011	6:00 8:45	2.75	DRLSURF	13		P	2,979.0	HELD PRE TOUR HANDOVER AND SAFETY MEETING TRIP OUT OF HOLE, LAYDOWN BIT #1, TORQUE BUSTER AND MUD MOTOR,

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	8:45 9:15	0.50	DRLSURF	65		P	2,979.0	UNLOAD AND STRAP USED MUD MOTOR OFF PD # 406, HELD SAFETY MEETING ON (PICKING UP TOOLS, TRIPPING IN)
	9:15 12:45	3.50	DRLSURF	13		P	2,979.0	MAKE UP MUD MOTOR #2, BIT, SCRIB & CHECK DIRECTIONAL TOOLS, SWAP TBR PLACEMENTS IN DRILL STRING, TRIP IN BHA AND PIPE TO 1576'
	12:45 13:15	0.50	DRLSURF	15		P	2,979.0	FILL PIPE, HELD SAFETY MEETING TOPIC = (DRILLING WITH AIR)
	13:15 14:30	1.25	DRLSURF	13		P	2,979.0	TRIP IN HOLE FROM 1576 TO 2788', FILL PIPE AND CIRCULATE, UNTIL ESTABLISHED RETURNS
	14:30 15:30	1.00	DRLSURF	16		P	2,979.0	WASH AND CLEAN OUT TO BOTOM FROM 2788' TO 2979' - NOTE: PUMPED 1000 SCFM AIR, 600 GPM WATER, SPP: 1380 PSI, ECD: 5.8 PPG - HAD REALLY GOOD RETURNS TO SURFACE
	15:30 0:30	9.00	DRLSURF	07		P	2,979.0	HELD PRETOUR HANDOVER SAFETY MEETING F 1730 TO 1800 HRS, DRILLED 12.1/4" HOLE WITH AIREATED WATER FROM 2979' TO 3254' = (275') IN .9. HRS = 30.5' / HR WOB 20K, CFM=700, GPM = 676 SPP = 1590 PSI, TORQUE = 6200 FT LBS, ROTARY = 35 MTR = 95, RPM = 130,
	0:30 0:45	0.25	DRLSURF	12		P	3,254.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER,
	0:45 5:00	4.25	DRLSURF	07		P	3,254.0	DRILLED 12.1/4" HOLE WITH AIREATED WATER FROM 3254' TO 3378' = (124') IN 4.25 HRS = 29' / HR WOB 20K, CFM=700, GPM = 676 SPP = 1590 PSI, TORQUE = 6200 FT LBS, ROTARY = 35 MTR = 95, RPM = 130,
	5:00 5:30	0.50	DRLSURF	15		P	3,378.0	NO RETURNS INCREASE CFM, TRYING TO UNLOAD HOLE,
	5:30 6:00	0.50	DRLSURF	07		P	3,378.0	DRILLED 12.1/4" HOLE WITH AIREATED WATER FROM 3378' TO 3389' = (11') IN .5 HRS = 22' / HR WOB 20K, CFM=700, GPM = 676 SPP = 1590 PSI, TORQUE = 6200 FT LBS, ROTARY = 35 MTR = 95, RPM = 130,
4/13/2011	6:00 12:30	6.50	DRLSURF	07		P	3,389.0	HELD PRETOUR HANDOVER SAFETY MEETING 0530 TO 0600 DRILLED 12.1/4" HOLE WITH AIREATED WATER FROM 3389' TO 3534' = (145') IN 6.5 HRS = 22.3' / HR WOB 20K, CFM=700, GPM = 607 SPP = 1350 PSI, TORQUE = 5900 FT LBS, ROTARY = 35 MTR = 106, RPM = 141,
	12:30 12:45	0.25	DRLSURF	12		P	3,534.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER,
	12:45 2:15	13.50	DRLSURF	07		P	3,534.0	HELD PRETOUR HANDOVER SAFETY MEETING 1730 TO 1800 DRILLED 12.1/4" HOLE WITH AIREATED WATER FROM 3534' TO 3814' = (280') IN 13.5 HRS = 20.7' / HR WOB 20K, CFM=700, GPM = 607 SPP = 1350 PSI, TORQUE = 5900 FT LBS, ROTARY = 35 MTR = 106, RPM = 141,
	2:15 2:30	0.25	DRLSURF	12		P	3,814.0	RIG SERVICE, CHECK BRAKES, TONG LINES, DEADMAN BOLTS, FUNCTION TEST EXTEND ALARM, CROWNSAVER,
	2:30 6:00	3.50	DRLSURF	07		P	3,814.0	DRILLED 12.1/4" HOLE WITH AIREATED WATER FROM 3814' TO 3880' = (66') IN 3.5 HRS = 18.8' / HR WOB 20K, CFM=700, GPM = 607 SPP = 1350 PSI, TORQUE = 5900 FT LBS, ROTARY = 35 MTR = 106, RPM = 141,
4/14/2011	6:00 8:00	2.00	DRLSURF	07		P	3,880.0	HELD PRETOUR HANDOVER SAFETY MEETING 0530 TO 0600 DRILLED 12.1/4" HOLE WITH AIREATED WATER FROM 3880' TO 3908' = (28') IN 2 HRS = 14' / HR WOB 20K, CFM=700, GPM = 607 SPP = 1350 PSI, TORQUE = 5900 FT LBS, ROTARY = 35 MTR = 106, RPM = 141,
	8:00 8:15	0.25	DRLSURF	12		P	3,908.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER,
	8:15 8:45	0.50	DRLSURF	15		P	3,908.0	CIRCULATE HOLE CLEAN, HELD PRE JOB SAFETY MEETING, (TRIPPING PIPE,)

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	8:45 12:00	3.25	DRLSURF	13		P	3,908.0	TRIP OUT OF HOLE FROM 3907 TO 0' LAYDOWN USED TBRs CHANGE BITS, CHECK MOTOR, CLEAN FLOOR,
	12:00 14:00	2.00	DRLSURF	13		P	3,908.0	HELD PREJOB SAFETY MEETING, (PICKING UP BHA) TRIP IN BHA TO 830' PICKED UP NEW TBRs, CHECK MWD TOOLS,
	14:00 16:00	2.00	DRLSURF	13		P	3,908.0	HELD PREJOB SAFETY MEETING, TRIP IN HOLE WITH PIPE FROM 830' TO 3721' CHECK STRING FLOAT,
	16:00 17:00	1.00	DRLSURF	15		P	3,908.0	FILL PIPE, CURCULATE WITH FULL RETURNS, WASH FROM 3721' TO 3908'
	17:00 23:00	6.00	DRLSURF	07		P	3,908.0	HELD PRETOUR HANDOVER SAFETY MEETING 1730 TO 1800 DRILLED 12.1/4" HOLE WITH AIREATED WATER FROM 3908' TO 4001' = (93') IN 6 HRS = 15.' / HR WOB 30K / 40K CFM =800, GPM = 600 SPP = 1450 PSI, TORQUE = 6900 FT LBS, ROTARY = 60 MTR = 109, RPM = 169, SLIDE FROM 3962' TO 3982' = 20'
	23:00 23:15	0.25	DRLSURF	12		P	4,001.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER, INSTALL 2ND STRING FLOAT AT 4001'
	23:15 6:00	6.75	DRLSURF	07		P	4,001.0	DRILLED 12.1/4" HOLE WITH AIREATED WATER FROM 4001' TO 4152' = (151') IN 6.75 HRS = 22.3' / HR WOB= 40K CFM =800, GPM = 600 SPP = 1450 PSI, TORQUE = 6488 FT LBS, ROTARY = 60 MTR = 109, RPM = 169, SLIDE FROM 4011' TO 4030' = 19'
4/15/2011	6:00 11:30	5.50	DRLSURF	07		P	4,152.0	HELD PRETOUR HANDOVER SAFETY MEETING 0530 TO 0600 DRILLED 12.1/4" HOLE WITH AERATED WATER FROM 4152' TO 4284' = (132') IN 5.5 HRS = 24' / HR WOB= 40K CFM =800, GPM = 600 SPP = 1450 PSI, TORQUE = 6200 FT LBS, ROTARY = 60 MTR = 110, RPM = 170,
	11:30 11:45	0.25	DRLSURF	12		P	4,284.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER,
	11:45 0:15	12.50	DRLSURF	07		P	4,284.0	HELD PRETOUR HANDOVER SAFETY MEETING 1730 TO 1800 DRILLED 12.1/4" HOLE WITH AERATED WATER FROM 4284' TO 4563' = (279') IN 12.5 HRS = 22.3' / HR WOB= 40K CFM =800, GPM = 600 SPP = 1450 PSI, TORQUE = 6200 FT LBS, ROTARY = 60 MTR = 110, RPM = 170,
	0:15 0:30	0.25	DRLSURF	07		P	4,563.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER,
	0:30 6:00	5.50	DRLSURF	07		P	4,563.0	DRILLED 12.1/4" HOLE WITH AERATED WATER FROM 4563' TO 4630' = (67') IN 5.5 HRS = 12.1' / HR WOB= 40K CFM =800, GPM = 600 SPP = 1450 PSI, TORQUE = 6200 FT LBS, ROTARY = 60 MTR = 110, RPM = 170, SLIDE FROM 4568' TO 4588' = 20' SLIDE FROM 4613' TO 4631' = 18'
4/16/2011	6:00 7:45	1.75	DRLSURF	07		P	4,630.0	DRILLED 12 1/4" HOLE WITH AERATED WATER FROM 4630' TO 4656' = (26') IN 1.75 HRS = 14.8' / HR WOB= 40K CFM =800, GPM = 600 SPP = 1550 PSI, TORQUE = 5980 FT LBS, ROTARY = 60 MTR = 110, RPM = 170.
	7:45 8:00	0.25	DRLSURF	12		P	4,656.0	SERVICE UP RIG.
	8:00 17:30	9.50	DRLSURF	07		P	4,656.0	DRILLED 12 1/4" HOLE WITH AERATED WATER FROM 4656' TO 4806' = (150') IN 9.50 HRS = 15.7' / HR WOB= 40K CFM =800, GPM = 600 SPP = 1450 PSI, TORQUE = 6200 FT LBS, ROTARY = 60 MTR = 110, RPM = 170, WE STOP DRILLING DO TO EXCESSIVE TORQUE = 13320 FT LBS, FROM 6845 FTLBS.
	17:30 17:45	0.25	DRLSURF	13		P	4,806.0	HELD SAFETY MEETING ON POOH FOR BIT CHANGE
	17:45 23:30	5.75	DRLSURF	13		P	4,806.0	PULLED OFF BOTTOM WITH OUT CIRCULATING BOTTOMS UP - HOLE PULL 10 / 35 K OVER FROM 4819' / 3936' CONTINUED TO POOH, NO DRAG FROM 3936' TO SURFACE, CHECK MUD MOTOR, (GOOD) CHECK BIT (NO WEAR), BEARINGS STILL TIGHT, CHECK TBRs (GOOD), TRIP INTO HOLE, REINSTALL STRING FLOATS @ 3400' AND 4600'.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	23:30 0:00	0.50	DRLSURF	16		P	4,806.0	PRECAUTIONARY, WASHED AND REAM FROM 4656' TO 4806' NO TORQUE, (CLEAN).
	0:00 2:45	2.75	DRLSURF	07		P	4,806.0	DRILLED 12 1/4" HOLE WITH AERATED WATER FROM 4806' TO 4843' = (37') IN 2.75 HRS = 13.4' / HR WOB= 40K CFM = 800, GPM = 600 SPP = 1450 PSI, TORQUE = 6200 FT LBS, ROTARY = 60 MTR = 110, RPM = 170.
	2:45 3:00	0.25	DRLSURF	12		P	4,843.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER.
	3:00 3:15	0.25	DRLSURF	42		P	4,843.0	CHANGE OUT ROTATING HEAD RUBBERS.
	3:15 6:00	2.75	DRLSURF	07		P	4,843.0	DRILLED 12 1/4" HOLE WITH AERATED WATER FROM 4843' TO 4884' = (41') IN 2.75 HRS = 15' / HR WOB= 40K CFM =800, GPM = 600 SPP = 1450 PSI, TORQUE = 6200 FT LBS, ROTARY = 60 MTR = 110, RPM = 170,
4/17/2011	6:00 11:00	5.00	DRLSURF	07		P	4,884.0	HELD PRETOUR HANDOVER SAFETY MEETING 0530 TO 0600 DRILLED 12 1/4" HOLE WITH AERATED WATER FROM 4884' TO 4936' = (52') IN 5 HRS = 10.4' / HR WOB = 40K CFM = 800 / 1000, GPM = 600 SPP = 1450 PSI, TORQUE = 6200 FT LBS, ROTARY = 60 MTR = 110, RPM = 170,
	11:00 11:15	0.25	DRLSURF	12		P	4,936.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER.
	11:15 16:45	5.50	DRLSURF	07		P	4,936.0	DRILLED 12 1/4" HOLE WITH AERATED WATER FROM 4936' TO 5010' TD = (74') IN 5.5 HRS = 13.4' / HR WOB = 40K CFM = 800, GPM = 600 SPP = 1450 PSI, TORQUE = 6200 FT LBS, ROTARY = 60 MTR = 110, RPM = 170, SHUT PITS IN AT 13:45 HRS, START MUD UP, RAISE VIS TO 43 IN CFM=900, ECD= 5.25 PPG.
	16:45 20:00	3.25	DRLSURF	15		P	5,010.0	HELD PRETOUR HANDOVER SAFETY MEETING 1730 TO 1800 MUD UP, CIRCULATE AND CONDITION MUD TO VIS 43. 8.7 IN, 42, 8.7 PPG OUT, CIRCULATE TWO BOTTOMS UP, CIRCULATE HOLE CLEAN,
	20:00 22:30	2.50	DRLSURF	13		P	5,010.0	TRIP OUT OF HOLE TO SHOE. FROM 5010' TO 1500' NO DRAG OR TIGHT SPOTS, TRIP IN HOLE TO 4843'. (CLEAN)
	22:30 22:45	0.25	DRLSURF	16		P	5,010.0	PRECAUTIONARY, WASHED AND REAM FROM 4843' TO 5010' NO TORQUE, (CLEAN). MAINTAIN 43 VIS IN, LOST CIRC,
	22:45 1:15	2.50	DRLSURF	15		P	5,010.0	CONDITION MUD AND CIRCULATE HOLE CLEAN, WITH FULL RETURNS, VIS= 43 MW = 8.7PPG IN, VIS = 42. MW = 8.7 OUT, CFM = 1200, GPM = 529. ECD = 6.21 PPG
	1:15 5:15	4.00	DRLSURF	13		P	5,010.0	TRIP OUT OF HOLE, LAYDOWN 8" TOOLS AND DIRECTIONAL TOOLS, BIT # 2, CLEAN FLOOR OFF.
	5:15 5:30	0.25	CASSURF	41		P	5,010.0	HELD SAFETY MEETING WITH ELPASO REPS, PD CREW, WEATHERFORD CASING CREW, (RUNNING CASING)
	5:30 6:00	0.50	CASSURF	24		P	5,010.0	RIG UP CASING CREW AND RUN CASING,
4/18/2011	6:00 6:15	0.25	CASSURF	24		P	5,010.0	HELD SAFETY MEETING WITH ELPASO REPS, PRECISOIN DRILLING DAYLIGHT CREW, WEATHERFORD CASING CREW, (RUNNING CASING)
	6:15 7:00	0.75	CASSURF	24		P	5,010.0	CONTINUE RIG UP CASING CREW,
	7:00 15:15	8.25	CASSURF	24		P	5,010.0	RUN 4995', 115 JOINTS OF 9.5/8, 40#, N-80 LTC, CASING, START JOB, THREAD LOCK ALL FLOAT EQUIPMENT, INSTALL BOW SPRING CENTRALIZER WITH STOP COLLARS ON THE FIRST THREE JOINTS AND ONE FLOATING CENTRALIZER EVERY THIRD JOINT TO THE BASE OF CONDUCTOR, 1567' KB, RUN CASING AT A TRIP SPEED OF 1.5 MINUTES PER JOINT SLIP TO SLIP, STOP AND FILL EVERY 10 JOINTS, CONTINUE TO RUN CASING TO BOTTOM, RECORD PICK UP AND SLACK OFF WT, END JOB - NOTE: TOP OF FLOAT COLLAR AT 4950' SHOE AT 4997' KB (17'),

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	15:15 15:45	0.50	CASSURF	24		P	5,010.0	RIG DOWN WEATHERFORD CASING CREW, RIG DOWN SHORT BAILS AND ELEVATORS, INSTALL CEMENTING HEAD.
	15:45 16:45	1.00	CASSURF	24		P	5,010.0	RIG UP LONG BAILS, ELEVATORS, CEMENT LINES, VALVES, TEE, CIRCULATING HOSE,
	16:45 18:30	1.75	CASSURF	24		P	5,010.0	PUMPED THREE AIR BUBBLES FOR 2 MINUTES EACH BETWEEN 10 BBLS OF AREATED MUD, RECIPROCATED CASING, ESTABLISHED CIRCULATION WITH MUD PRIOR TO CEMENTING, VIS = 40, DENSITY = 8.75 PPG, SCFM = 1000, GPM = 264, AV= 213, ECD = 5.6, RETURNS AT 1830 HRS.
	18:30 19:30	1.00	CASSURF	15		P	5,010.0	CIRCULATE AND CONDITION HOLE WITH FULL RETURNS, RECIPROCATED CASING, VIS= 40, WT= 8.7 PPG, SCFM = 1000, ECD = 5.6 PPG, HELD SAFETY MEETING WITH EL PASO REPS, PD NIGHT CREW, SCHLUMBERGER CEMENTERS (CEMENTING CASING) RIG UP SCHLUMBERGER, PRE TEST LINES TO 500 / 4500, (GOOD) TEST 3900 PSI N2 TEST (GOOD)
	19:30 22:30	3.00	CASSURF	25		P	5,010.0	START JOB, START PUMPING SPACER = 20 BBLS MUD PUSH II, 1 GAL / BBL, F104 / D139, END SPACER, START CEMENT SLURRY, START MIXING LEAD SLURRY, PUMP 1255 / SKS, (431 BBLS) 9.0 PPG FOAM LEAD CEMENT, PUMPING NITROGEN = N2 / LAS UNDER PRESSURE CONTROL, TAKE WET AND DRY SAMPLES, RETURNS SLOWED SLIGHTLY, SWITCHED OFF OF BUSTER TO FLOW LINE SEEING GOOD RETURNS, HAD FULL RETURNS AT 250 BBLS AWAY, STOPPED NITROGEN, STARTED MIXING TAIL SLURRY, PUMP 45 SKS 13.62 PPG TAIL WITH LAS, SEEING GOOD RETURNS AT SURFACE, CLOSED ANNULAS AND OPENED FLOWBACK LINES TO RESERVE, PUMPED 233 SKS (52 BBLS) OF 13.5 PPG TXI TAIL, TAKE WET AND DRY SAMPLES, GOOD RETURNS, END TAIL SLURRY, END CEMENT SLURRY, DROP TOP PLUG ON THE FLY, START DISPLACEMENT, DISPLACE 376 BBLS OF RESERVE WATER, BUMPED TOP PLUG WITH 640 PSI, HELD PRESSURE FOR 10 MIN, FLOATS HELD, FLOWED BACK 1 BBL, BATCH UP CAP CEMENT SLURRY = 15.8 PPG WITH / S1, PUMP 10 BBLS OF 15.8 PPG, CAP SLURRY, DISPLACE WITH 1.5 BBL OF FRESH WATER, FINIAL CEMENT IN PLACE AT 23:00 HRS 04/17/11 CEMENT JOB ENDED,
	22:30 6:00	7.50	CASSURF	26		P	5,010.0	WAIT ON CEMENT, RIG DOWN SCHLUMBERGER EQUIPMENT, RIG DOWN FLOW BACK LINES,
4/19/2011	6:00 7:00	1.00	CASSURF	26		P	5,010.0	HELD PRETOUR HANDOVER SAFETY MEETING 0530 TO 0600 CONTINUED TO WAIT ON N2 CEMENT TO SET UP - CASING ANNULUS PRESSURE WAS 140 PSI
	7:00 13:00	6.00	CASSURF	26		P	5,010.0	DID A CONTROLLED BLEED OFF OF NITROGEN, BLEED DOWN ANNULUS FOR 5 MINUTES, THEN SHUT IN FOR 15 MINUTES, BLEED OFF NITROGEN FOAMED CEMENT FOR 5 MINUTES, REPEATED SAME TILL PRESSURE WAS ZERO - FILLED ANNULUS WITH 16 BBLS OF WATER, WITH RETURNS BACK TO SURFACE - ESTIMATED TOP OF CEMENT AT 263' FORM SURFACE
	13:00 18:00	5.00	CASSURF	29		P	5,010.0	NIPPLE DOWN DIVERTER SYSTEM - SET OUT 13 5/8" 5K ROTATING HEAD - ANNULAR PREVENTER, HCR VALVE - SET BACK IN 11" 10K ANNULAR, PIPE RAMS, SPACER SPOOL, HCR HELD PRETOUR HANDOVER SAFETY MEETING 1730 TO 1800
	18:00 21:30	3.50	CASSURF	25		P	5,010.0	HELD PRE JOB SAFETY MEETING WITH PRO PETRO CEMENTERS, ELPASO, PD CREW, MAKE UP AND RUN 1" PIPE TO 200' FOR TOP OUT JOB, START JOB, PUMP 16.BBLS OF 15.8, 110 SKS, 2% CACL 1/4 LB/SK FLOCELE DOWN 1" PIPE, CEMENT TO SURFACE, NO DROP, END JOB, CLEAN AND LAYDOWN 1" PIPE, RIG DOWN CEMENTERS,

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	21:30 0:45	3.25	CASSURF	27		P	5,010.0	CLEAN CELLAR, MAKE FINAL CUT ON CASING, WARM UP CASING BOWL, INSTALL AND LEVEL AND WELD ON BOWL, RIG UP AND TEST CASING BOWL TO 1500 PSI FOR 30 MINS, (TEST GOOD)
	0:45 1:00	0.25	CASSURF	41		P	5,010.0	HELD PRE JOB SAFETY MEETING (NIPPLE UP BOPE)
	1:00 6:00	5.00	CASSURF	28		P	5,010.0	NIPPLE UP BOPE, RIG UP 11" 10M BOP STACK, ACCUM LINES, 10M FLEX HOSE, RIG UP CHOKE AND MANIFOLD LINES, TO CHOKE MANIFOLD HOUSE, INSTALL MOUSE HOLE, RIG UP FLOOR, FUNCTION TEST BOP RAMS, ANNULAR
4/20/2011	6:00 8:00	2.00	CASSURF	28		P	5,010.0	CONTINUE TO NIPPLE UP BOPs NIPPLE UP CHOKE LINE, TIGHTEN ROTATING HEAD, MOVE /SPOT MANIFOLD SHACK
	8:00 10:45	2.75	CASSURF	28		P	5,010.0	HAVE PRE JOB SAFETY MEETING WITH WEATHERFORD, TORK UP BOP BOLTS, CONNECT BOP HYDRAULIC HOSES, CHARGE UP ACCUMULATOR
	10:45 11:00	0.25	CASSURF	41		P	5,010.0	PRE JOB SAFETY MEETING WITH WEATHERFORD ON PRESSURE TESTING BOPs
	11:00 19:15	8.25	CASSURF	19		P	5,010.0	INSTALLED TEST PLUG IN WELL HEAD FOR TESTING OF BOP - RIG UP PRESSURE TESTER - FILL BOP WITH WATER FOR TESTING - TESTED UPPER, LOWER DRILL PIPE RAMS, OUT SIDE VALVES, INSIDE VALVES HCR VALVE, TESTED INSIDE BOP, FULL OPENING SAFETY VALVE, LOWER SAFETY, UPPER HYDRAULIC VALVE ON TDU, TO 250 PSI, LOW, 5000 PSI HIGH, TESTED STAND PIPE TO 250 PSI, LOW, 4000 PSI HIGH - TESTED BLIND RAMS TO 250 PSI LOW AND 5000 PSI HIGH - TEST ANNULAR PREVENTER TO 4000 PSI - NOTE: ALL LOW, HIGH TEST RAN FOR 10 MINUTES EACH PREFORMED ACCUMULATOR FUNCTION TEST (GOOD) TEST CASING TO 1500 PSI FOR 30 MIN OK. INSTALL WEAR BUSHING,
	19:15 19:30	0.25	CASSURF	41		P	5,010.0	HELD PRE JOB SAFETY MEETING, WITH ELPASO REPs, PD CREW, TOTAL DIRECTIONAL,(PICKING UP DIRECTIONAL TOOLS, BHA AND TRIPPING IN,) INSTALL WEAR BUSHING
	19:30 20:15	0.75	CASSURF	14		P	5,010.0	PICK UP DIRECTIONAL TOOLS, SCRIB, INSTALL MWD TOOLS,PRESSURE TEST MANIFOAD VALVES, AND CHOKES WHILE PICKING UP TOOLS, 250 LOW / 10000 HIGH F/ 10 MINS,
	20:15 22:30	2.25	CASSURF	13		P	5,010.0	MAKE UP BHA, TRIP IN HOLE TO 4590'
	22:30 23:15	0.75	CASSURF	17		P	5,010.0	SLIP AND CUT OFF DRILL LINE,
	23:15 23:30	0.25	CASSURF	13		P	5,010.0	TRIP IN HOLE TO 4825' TAG CEMENT,
	23:30 0:00	0.50	CASSURF	32		P	5,010.0	DRILL CEMENT AND STRINGERS AT 4825' FLOAT AT 4950' SHOE AT 4997', FROM 4825' TO 5002'
	0:00 1:00	1.00	DRLINT1	15		P	5,010.0	CIRC 2 BOTTOMS UP, CONDITION FOR FIT,
	1:00 1:15	0.25	DRLINT1	41		P	5,010.0	HELD BOP DRILL WELL AND MEN SECURE IN 96 SECONDS
	1:15 3:00	1.75	DRLINT1	33		P	5,010.0	PREFORMED FIT TEST - TEST FLUID WEIGHT 8.3 PPG, 5002' TVD, SURFACE PRESSURE 250 PSI = E MUD WT OF 9.3 PPG OR PRESSURE GRADIENT OF .48
	3:00 6:00	3.00	DRLINT1	33		P	5,010.0	MIX HIGH VIS PILL TO 48 VIS, SPOT ON BOTTOM, PREFORM FIT,
4/21/2011	6:00 7:00	1.00	DRLINT1	33		P	5,010.0	HELD PRETOUR HANDOVER SAFETY MEETING 0530 TO 0600 PREFORMED FIT TEST - TEST FLUID WEIGHT 8.3 PPG, 5002' TVD, SURFACE PRESSURE 800 PSI = E MUD WT OF 11.4 PPG OR PRESSURE GRADIENT OF .59
	7:00 8:15	1.25	DRLINT1	07		P	5,010.0	DRILLED 8 3/4" HOLE FROM 5010' TO 5054' = (44') IN 1.25 HRS = 35.2'/HR WOB 15 K, RPM AT BIT = 143 GPM: 550, SPP:2650 PSI, TORQUE= 2500 FT LBS, MWT= 8.4 VIS=27 PASON GAS= 0
	8:15 8:30	0.25	DRLINT1	41		P	5,054.0	SAFETY MEETING, BOP DRILL, WELL SECURE IN 88 SEC. FUNCTION ANNULAR 21 SEC TO CLOSE

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	8:30 14:30	6.00	DRLINT1	07		P	5,054.0	DRILLED 8 3/4" HOLE FROM 5054' TO 5335' = (281') IN 6 HRS = 47'/HR WOB 15 K, RPM AT BIT = 143 GPM: 550, SPP:2800 PSI, TORQUE= 6500 FT LBS, MWT= 8.4 VIS=27 PASON GAS=170
	14:30 14:45	0.25	DRLINT1	12		P	5,335.0	RIG SERVICE
	14:45 16:15	1.50	DRLINT1	07		P	5,335.0	DRILLED 8 3/4" HOLE FROM 5335' TO 5427'= (92') IN 1.5 HRS = 61'/HR WOB 15 K, RPM AT BIT = 143 GPM: 550, SPP:2800 PSI, TORQUE= 6500 FT LBS, MWT= 8.4 VIS=27 PASON GAS= 170
	16:15 17:00	0.75	DRLINT1	08		P	5,427.0	SLIDE DRILL 8 3/4" HOLE FROM 5427' TO 5447'
	17:00 20:15	3.25	DRLINT1	07		P	5,447.0	HELD PRETOUR HANDOVER SAFETY MEETING 1730 TO 1800 DRILLED 8 3/4" HOLE FROM 5447' TO 5615'= (168') IN 3.25 HRS = 51.6'/HR WOB 15 K, RPM AT BIT = 143 GPM: 550, SPP:2800 PSI, TORQUE= 6500 FT LBS, MWT= 8.4 VIS=27 PASON GAS= 28
	20:15 20:30	0.25	DRLINT1	41		P	5,615.0	HELD BOP DRILL, WELL SECURE MEN IN POS IN 90 SECONDS (HELD SAFETY MEETING
	20:30 21:15	0.75	DRLINT1	08		P	5,615.0	DIRECTIONAL DRILL F/ 5615' TO 5635' = 20' IN .75 = 26.6'/HR
	21:15 22:00	0.75	DRLINT1	07		P	5,635.0	DRILLED 8 3/4" HOLE FROM 5635' TO 5665'= (30') IN .75 HRS = 40'/HR WOB 15 K, RPM AT BIT = 143 GPM: 550, SPP:2800 PSI, TORQUE= 6500 FT LBS, MWT= 8.4 VIS=27 PASON GAS=15
	22:00 22:45	0.75	DRLINT1	08		P	5,665.0	DIRECTIONAL DRILL F/ 5665' TO 5685' = 20' IN .75 = 26.6'/HR
	22:45 4:30	5.75	DRLINT1	07		P	5,685.0	DRILLED 8 3/4" HOLE FROM 5685' TO 5801'= (116') IN 5.75 HRS = 20.1'/HR WOB 15 K, RPM AT BIT = 143 GPM: 550, SPP:2800 PSI, TORQUE= 6500 FT LBS, MWT= 8.4 VIS=27 PASON GAS= 30
	4:30 5:00	0.50	DRLINT1	12		P	5,801.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER.
	5:00 6:00	1.00	DRLINT1	07		P	5,801.0	DRILLED 8 3/4" HOLE FROM 5801' TO 5822'= (21') IN 1 HRS = 21'/HR WOB 15 K, RPM AT BIT = 143 GPM: 550, SPP:2800 PSI, TORQUE= 6500 FT LBS, MWT= 8.4 VIS=27 PASON GAS= 12
4/22/2011	6:00 8:30	2.50	DRLINT1	07		P	5,822.0	DRILLED 8 3/4" HOLE FROM 5822' TO 5893'= (71') IN 2.5 HRS = 28'/HR WOB 15 K, RPM AT BIT = 143 GPM: 550, SPP:2800 PSI, TORQUE= 6300 FT LBS, MWT= 8.4 VIS=27 PASON GAS= 12
	8:30 8:45	0.25	DRLINT1	12		P	5,893.0	RIG SERVICE
	8:45 14:15	5.50	DRLINT1	07		P	5,893.0	DRILLED 8 3/4" HOLE FROM TO 5893' TO 5988'= (95') IN 5.5 HRS = 17'/HR WOB 18 K, RPM AT BIT = 143 GPM: 550, SPP:2600 PSI, TORQUE= 6300 FT LBS, MWT= 8.4 VIS=27 THRS PARTY GAS= 48
	14:15 16:00	1.75	DRLINT1	08		P	5,988.0	SLIDE DRILL FROM 5988' TO 6003'
	16:00 21:45	5.75	DRLINT1	07		P	6,003.0	DRILLED 8 3/4" HOLE FROM TO 6003' TO 6081'= (78') IN 5.75 HRS = 13.5'/HR WOB 18 K, RPM AT BIT = 143 GPM: 550, SPP:2650 PSI, TORQUE= 6800 FT LBS, MWT= 8.4 VIS=27 THRS PARTY GAS= 48
	21:45 22:00	0.25	DRLINT1	12		P	6,081.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER. FUNCTION UPPER PIPE RAMS,
	22:00 22:30	0.50	DRLINT1	07		P	6,081.0	DRILLED 8 3/4" HOLE FROM TO 6081' TO 6084= (3') IN 5.75 HRS = 6 '/HR WOB 18 K, RPM AT BIT = 143 GPM: 550, SPP:2650 PSI, TORQUE= 6800 FT LBS, MWT= 8.4 VIS=27 THRS PARTY GAS= 48
	22:30 22:45	0.25	DRLINT1	45		P	6,084.0	REPAIR LEAK ON #1 PUMP SUCTION (REPLACE GASKET)
	22:45 6:00	7.25	DRLINT1	07		P	6,084.0	DRILLED 8 3/4" HOLE FROM TO 6084' TO 6204= (120') IN 7.25 HRS = 16.5 '/HR WOB 18 K, RPM AT BIT = 143 GPM: 550, SPP:2650 PSI, TORQUE= 6800 FT LBS, MWT= 8.4 VIS=27 THRS PARTY GAS= 48

4/23/2011

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:00 15:15	9.25	DRLINT1	07		P	6,204.0	DRILLED 8 3/4" HOLE FROM TO 6204' TO 6310'= (106') IN 9.25 HRS = 11.5 /HR WOB 20 K, RPM AT BIT = 143 GPM: 550, SPP:2550 PSI, TORQUE= 6100 FT LBS, MWT= 8.4 VIS=27 THRS PARTY GAS= 22
	15:15 15:45	0.50	DRLINT1	15		P	6,310.0	CIRCULATE BOTTOMS UP
	15:45 16:00	0.25	DRLINT1	41		P	6,310.0	PRE JOB SAFETY MEETING ON TRIPPING OUT OF HOLE
	16:00 19:45	3.75	DRLINT1	13		P	6,310.0	PUMP PILL, FLOW CHECK, WELL SECURE, PULL 5 STANDS FLOW CHECK WELL SECURE, TRIP OUT HOLE TO SURFACE, FUNCTION BLIND RAMS C/O 3 SECONDS
	19:45 20:45	1.00	DRLINT1	13		P	6,310.0	CHANGE OUT GAP SUB AND DIRECTIONAL TOOLS, BREAK OFF BIT AND CHECK MOTOR, CHECK FLOAT, CLEAN FLOOR
	20:45 21:00	0.25	DRLINT1	41		P	6,310.0	HELD SAFETY MEETING, (TRIPPING IN HOLE)
	21:00 22:00	1.00	DRLINT1	13		P	6,310.0	MAKE UP NEW BIT, PICK UP NEW GAP SUB AND DIRECTIONAL TOOLS, PROGRAM TOOLS,
	22:00 0:30	2.50	DRLINT1	13		P	6,310.0	TRIP IN HOLE FROM 850' TO 5000',
	0:30 0:45	0.25	DRLINT1	12		P	6,310.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER, .ADJUST BRAEKS
	0:45 2:00	1.25	DRLINT1	13		P	6,310.0	TRIP IN HOLE FROM 5000' TO 6100' WASH 210 ' TO BTM, CHANGE ROTATING HEAD,
2:00 6:00	4.00	DRLINT1	07		P	6,310.0	DRILLED 8 3/4" HOLE FROM TO 6310' TO 6454'= (144') IN 4 HRS = 36 /HR WOB 20 K, RPM AT BIT = 143 GPM: 550, SPP:2550 PSI, TORQUE= 6100 FT LBS, MWT= 8.4 VIS=27	
4/24/2011	6:00 8:15	2.25	DRLINT1	08		P	6,454.0	SLIDE DRILL 8 3/4" HOLE FROM TO 6454' TO 6474'
	8:15 9:30	1.25	DRLINT1	07		P	6,474.0	DRILLED 8 3/4" HOLE FROM 6474' TO 6517'= (43') IN 1.25 HRS = 34/HR WOB 15K, RPM AT BIT = 143 GPM: 550, SPP:2550 PSI, TORQUE= 6100 FT LBS, MWT= 8.4 VIS=27
	9:30 10:45	1.25	DRLINT1	08		P	6,516.0	SLIDE DRILL 8 3/4" HOLE FROM TO 6516' TO 6535'
	10:45 20:30	9.75	DRLINT1	07		P	6,535.0	DRILLED 8 3/4" HOLE FROM 6535' TO 6641'= (105') IN 9.75 HRS = 10.8 /HR WOB 15K, RPM AT BIT = 143 GPM: 550, SPP:2550 PSI, TORQUE= 6100 FT LBS, MWT= 8.4 VIS=27
	20:30 20:45	0.25	DRLINT1	12		P	6,641.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER. FUNCTION LOWER PIPE RAMS,
	20:45 6:00	9.25	DRLINT1	07		P	6,641.0	DRILLED 8 3/4" HOLE FROM 6641' TO 6730 '= (89') IN 9.25 HRS = 9.6 /HR WOB 15K, RPM AT BIT = 143 GPM: 550, SPP:2550 PSI, TORQUE= 6100 FT LBS, MWT= 8.4 VIS=27
4/25/2011	6:00 6:15	0.25	DRLINT1	12		P	6,730.0	RIG SERVICE
	6:15 10:15	4.00	DRLINT1	07		P	6,730.0	DRILLED 8 3/4" HOLE FROM 6730' TO 6795'= (65') IN 4 HRS = 16.25 /HR WOB 15K, RPM AT BIT = 143 GPM: 550, SPP:2630 PSI, TORQUE= 6275 FT LBS, MWT= 8.4 VIS=27
	10:15 12:00	1.75	DRLINT1	08		P	6,795.0	SLIDE DRILL FROM 6795' TO 6805', 25 WOB, 2600 PSI
	12:00 15:30	3.50	DRLINT1	07		P	6,805.0	DRILLED 8 3/4" HOLE FROM 6805' TO 6827'= (22') IN 4 HRS = 5.5 /HR WOB 15K, RPM AT BIT = 143 GPM: 550, SPP:2630 PSI, TORQUE= 6275 FT LBS, MWT= 8.4 VIS=27
	15:30 16:30	1.00	DRLINT1	08		P	6,827.0	SLIDE DRILL FROM 6827' TO 6831', 25 WOB, 2600 PSI
	16:30 19:45	3.25	DRLINT1	07		P	6,831.0	DRILLED 8 3/4" HOLE FROM 6831' TO 6846'= (15') IN 3.25 HRS = 4.6 /HR WOB 15K, RPM AT BIT = 143 GPM: 550, SPP:2630 PSI, TORQUE= 6275 FT LBS, MWT= 8.4 VIS=27
	19:45 20:00	0.25	DRLINT1	15		P	6,846.0	CIRCULATE HOLE CLEAN, PREP FOR TRIP,
	20:00 20:15	0.25	DRLINT1	41		P	6,846.0	HELD PRE JOB SAFETY MEETING (TRIPPING)
	20:15 0:45	4.50	DRLINT1	13		P	6,846.0	CHECK FOR FLOW = NO FLOW, TRIP OUT OF HOLE, BREAK OFF BIT, CHECK MOTOR, STRAP AND TALLY TBRS, CLEAN FLOOR,
	0:45 1:00	0.25	DRLINT1	41		P	6,846.0	HELD SAFETY MEETING, (LAYING DOWN AND PICKING UP BHA)

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	1:00 2:15	1.25	DRLINT1	13		P	6,846.0	MAKE UP BIT TORQUE BUSTER, PICK UP NEW MOTOR, MAKE UP DIRECTIONAL TOOLS,
	2:15 5:00	2.75	DRLINT1	13		P	6,846.0	TRIP IN BHA PICK UP NEW TBRs, TRIP IN TO 5000' FILL PIPE.
	5:00 5:15	0.25	DRLINT1	41		P	6,846.0	HELD SAFETY MEETING, (SLIP AND CUT DRILLLINE)
4/26/2011	5:15 6:00	0.75	DRLINT1	17		P	6,846.0	SLIP AND CUT DRILLING LINE,
	6:00 6:30	0.50	DRLINT1	17		P	6,846.0	CONTINUE SLIP AND CUT DRILL LINE
	6:30 7:30	1.00	DRLINT1	13		P	6,846.0	CONTINUE TO TRIP IN HOLE FROM 4968' TO 6846', PRECAUTIONARY WASH LAST 2 STANDS TO BOTTOM, HOLE IN GOOD SHAPE, NO FILL
	7:30 10:15	2.75	DRLINT1	07		P	6,846.0	DRILLED 8 3/4" HOLE FROM 6846' TO 6935' = (89') IN 2.5 HRS = 33/HR WOB 15K, RPM AT BI T = 130 GPM: 500, SPP:1950 PSI, TORQUE= 7900 FT LBS, MWT= 8.4 VIS=27
	10:15 12:00	1.75	DRLINT1	08		P	6,935.0	SLIDE DRILL FROM 6935' TO 6955'
	12:00 14:30	2.50	DRLINT1	07		P	6,955.0	DRILLED 8 3/4" HOLE FROM 6955' TO 7013' = (59') IN 2.5' HRS = 23/HR WOB 15K, RPM AT BI T = 130 GPM: 500, SPP:1950 PSI, TORQUE= 7900 FT LBS, MWT= 8.4 VIS=27
	14:30 14:45	0.25	DRLINT1	12		P	7,013.0	RIG SERVICE
	14:45 16:15	1.50	DRLINT1	08		P	7,013.0	SLIDE DRILL FROM 7013' TO 7024'
	16:15 19:30	3.25	DRLINT1	07		P	7,024.0	DRILLED 8 3/4" HOLE FROM 7024' TO 7107' = (83') IN 3.25' HRS = 25.5/HR WOB 15K, RPM AT BI T = 130 GPM: 500, SPP:1950 PSI, TORQUE= 7900 FT LBS, MWT= 8.4 VIS=27
	19:30 19:45	0.25	DRLINT1	12		P	7,107.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER. FUNCTION LOWER PIPE RAMS,
4/27/2011	19:45 6:00	10.25	DRLINT1	07		P	7,107.0	DRILLED 8 3/4" HOLE FROM 7107' TO 7335' = (228') IN 10.25' HRS = 22.2/HR WOB 15K, RPM AT BI T = 130 GPM: 500, SPP:1950 PSI, TORQUE= 7900 FT LBS, MWT= 8.4 VIS=27
	6:00 9:00	3.00	DRLINT1	07		P	7,335.0	DRILLED 8 3/4" HOLE FROM 7335' TO 7413' = (78') IN 3 HRS = 26/HR WOB 15K, RPM AT BI T = 130 GPM: 480, SPP:1950 PSI, TORQUE= 7900 FT LBS, MWT= 8.4 VIS=27
	9:00 10:45	1.75	DRLINT1	08		P	7,413.0	SLIDE DRILL FROM 7413' TO 7438', 20 WOB
	10:45 12:30	1.75	DRLINT1	07		P	7,438.0	DRILLED 8 3/4" HOLE FROM 7438' TO 7480' = (42') IN 1.75 HRS = 24/HR WOB 15K, RPM AT BI T = 130 GPM: 480, SPP:2120 PSI, TORQUE= 7800 FT LBS, MWT= 8.4 VIS=27
	12:30 12:45	0.25	DRLINT1	12		P	7,480.0	RIG SERVICE
	12:45 14:00	1.25	DRLINT1	08		P	7,480.0	SLIDE DRILL FROM 7480' TO 7485', 20 WOB
	14:00 20:45	6.75	DRLINT1	07		P	7,485.0	DRILLED 8 3/4" HOLE FROM 7485' TO 7668' = (183') IN 6.75 HRS = 27/HR WOB 15K, RPM AT BI T = 130 GPM: 500, SPP:2320 PSI, TORQUE= 7800 FT LBS, MWT= 8.4 VIS=27
	20:45 21:00	0.25	DRLINT1	12		P	7,668.0	RIG SERVICE, CHECK BRAKES, DEADMAN BOLTS, TONG LINES, FUNCTION TEST EXTEND ALARM, CROWNSAVER. FUNCTION LOWER PIPE RAMS,
	21:00 2:45	5.75	DRLINT1	07		P	7,668.0	DRILLED 8 3/4" HOLE FROM 7668' TO 7855' = (187') IN 5.75 HRS = 32.5/HR WOB 18K, RPM AT BI T = 128 GPM: 523, SPP:2565 PSI, TORQUE= 7900 FT LBS, MWT= 8.4 VIS=27
	2:45 4:30	1.75	DRLINT1	08		P	7,855.0	SLIDE DRILL FROM 7855' TO 7885' = 30' = 17.1 FPH,
4/28/2011	4:30 6:00	1.50	DRLINT1	07		P	7,885.0	DRILLED 8 3/4" HOLE FROM 7885' TO 7917' = (32') IN 1.5 HRS = 21.3/HR WOB 18K, RPM AT BI T = 128 GPM: 523, SPP:2565 PSI, TORQUE= 7900 FT LBS, MWT= 8.4 VIS=27
	6:00 14:30	8.50	DRLINT1	07		P	7,917.0	DRILL FROM 7917' TO 8133' 18 WOB
	14:30 14:45	0.25	DRLINT1	12		P	8,133.0	RIG SERVICE
4/29/2011	14:45 6:00	15.25	DRLINT1	07		P	8,133.0	DRILL FROM 8133' TO 8601', 18' WOB, START MUD UP AT 8400'
	6:00 14:30	8.50	DRLINT1	07		P	8,601.0	DRILL FROM 8601' TO 8787', 18 WOB, 45 VIS, 9.2PPG
	14:30 14:45	0.25	DRLINT1	12		P	8,787.0	RIG SERVICE
	14:45 6:00	15.25	DRLINT1	07		P	8,787.0	DRILL FROM 8787' TO 9215' 18 WOB, 43 VIS, 9.3PPG

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
4/30/2011	6:00 14:15	8.25	DRLINT1	07		P	9,215.0	DRILL FROM 9215' TO 9438' 18 WOB, 43 VIS, 9.3PPG
	14:15 14:45	0.50	DRLINT1	12		P	9,438.0	RIG SERVICE, FUNCTION HCR
	14:45 18:00	3.25	DRLINT1	07		P	9,438.0	DRILL FROM 9438' TO 9777'
5/1/2011	6:00 7:00	1.00	DRLINT1	07		P	9,777.0	DRILL FROM 9777' TO 9789'
	7:00 8:00	1.00	DRLINT1	15		P	9,789.0	CIRCULATE BOTTOMS UP
	8:00 15:15	7.25	DRLINT1	13		P	9,789.0	TRIP OUT OF HOLE FROM 9789' TO 80' FUNCTION PIPE LOWER PIPE RAMS, 4 SEC TO CLOSE, FLOW CHECKS WELL SECURE
	15:15 16:30	1.25	DRLINT1	13		P	9,789.0	LAY DOWN DIRECTIONAL TOOLS, JARS, TBRs, SHOCK SUB
	16:30 17:00	0.50	DRLINT1	12		P	9,789.0	RIG SERVICE
	17:00 22:45	5.75	DRLINT1	13		P	9,789.0	MAKE UP BIT, BIT SUB, TRIP IN HOLE TO 9789'
	22:45 6:00	7.25	DRLINT1	07		P	9,789.0	DRILL FROM 9789' TO 9935'
5/2/2011	6:00 18:30	12.50	DRLINT1	07		P	9,935.0	DRILL FROM 9935' TO 10066'
	18:30 19:00	0.50	DRLINT1	12		P	10,066.0	RIG SERVICE
	19:00 1:30	6.50	DRLINT1	07		P	10,066.0	DRILL FROM 10066' TO 10105'
	1:30 6:00	4.50	DRLINT1	13		P	10,105.0	TRIP OUT HOLE FOR BIT TO 1200'. FLOW CHECK @ 9693', 5031', WELL SECURE, @ 9100' PULL 60K OVER STRING WT. WORKED UP AND DOWN TILL PULL FREE
5/3/2011	6:00 7:15	1.25	DRLINT1	13		P	10,105.0	TRIP OUT OF HOLE TO SURFACE, BREAK BIT
	7:15 7:45	0.50	DRLINT1	12		P	10,105.0	RIG SERVICE, FUNCTION BLIND RAMS, FUNCTION PIPE RAMS 4 SEC TO CLOSE
	7:45 11:15	3.50	DRLINT1	13		P	10,105.0	MAKE UP BIT #8, TRIP IN HOLE TO 4938'
	11:15 12:30	1.25	DRLINT1	17		P	10,105.0	SLIP AND CUT DRILL LINE
	12:30 15:15	2.75	DRLINT1	13		P	10,105.0	TRIP IN HOLE TO 10105'
	15:15 16:15	1.00	DRLINT1	15		P	10,105.0	CIRCULATE HOLE
5/4/2011	16:15 6:00	13.75	DRLINT1	07		P	10,105.0	DRILL FROM 10105' TO 10258'
	6:00 12:15	6.25	DRLINT1	07		P	10,258.0	DRILL FROM 10258' TO 10305" (T.D.)
	12:15 13:15	1.00	DRLINT1	15		P	10,305.0	CIRCULATE HOLE CLEAN
	13:15 18:00	4.75	DRLINT1	13		P	10,305.0	SHORT TRIP TO SHOE, PUMP OUT 25 STANDS
	18:00 20:00	2.00	DRLINT1	13		P	10,305.0	TRIP IN HOLE TO 8200' BIT TAKING WEIGHT 30K
	20:00 0:00	4.00	DRLINT1	15		P	10,305.0	REAM FROM 8200' TO 8758'
	0:00 1:30	1.50	DRLINT1	16		P	10,305.0	CIRCULATE CONDITION MUD, MIX LCM
	1:30 6:00	4.50	DRLINT1	13		P	10,305.0	TRIP IN HOLE FROM 8758' TO 10000'
5/5/2011	6:00 6:30	0.50	DRLINT1	16		P	10,305.0	WASH AND REAM TO BOTTOM
	6:30 12:00	5.50	DRLINT1	15		P	10,305.0	CIRCULATE & CONDITION MUD
	12:00 14:30	2.50	DRLINT1	16		P	10,305.0	BACK REAM OUT OF HOLE TO 8108'
	14:30 19:30	5.00	DRLINT1	13		P	10,305.0	PUMP PILL, TRIP OUT HOLE, FLOW CHECKS @ 10285, 8108, 5031, 2900, BHA
	19:30 1:00	5.50	EVLINT1	22		P	10,305.0	PRE JOB SAFETY MEETING WITH HALLIBURTON LOGGERS, RIG UP LOGGERS, RIH TO 8524' WITH LOGGING TOOLS, HIT BRIDGE, TRY WORK THROUGH FOR 30 MIN. LOG OUT HOLE FROM 8524' RAN ARRAY COMP TRUE RESISTIVITY, SPECTRAL DENSITY DUAL SPACED NEUTRON, OH BOREHOLE BSAT IQ DEP, GAMMA RAY. RIG DOWN LOGGERS
	1:00 4:00	3.00	DRLINT1	13		P	10,305.0	TRIP IN HOLE TO SHOE
	4:00 5:00	1.00	DRLINT1	17		P	10,305.0	SLIP AND CUT DRILL LINE, FILL PIPE
	5:00 6:00	1.00	DRLINT1	13		P	10,305.0	TRIP IN HOLE TO 5900'
	5/6/2011	6:00 6:45	0.75	DRLINT1	13		P	10,305.0
6:45 12:45		6.00	DRLINT1	51		P	10,305.0	WASH AND REAM TIGHT HOLE FROM 8525' / 10,305'
12:45 17:00		4.25	DRLINT1	15		P	10,305.0	CIRCULATE AND CONDITON MUD FOR TRIPPING OUT OF THE HOLE
17:00 19:45		2.75	DRLINT1	16		P	10,305.0	BACK REAM TO 8600', HOLE PULLING TIGHT

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
5/7/2011	19:45 2:45	7.00	DRLINT1	14		P	10,305.0	PUMP PILL, FLOW CHECK, LAY DOWN 4 1/2" DRILL PIPE TO 745', FLOW CHECK
	2:45 4:45	2.00	DRLINT1	13		P	10,305.0	TRIP IN HOLE 21 STANDS IN DERRICK
	4:45 6:00	1.25	DRLINT1	14		P	10,305.0	LAY DOWN DRILL PIPE
	6:00 7:15	1.25	DRLINT1	14		P	10,305.0	LAY DOWN DRILL COLLARS
	7:15 8:00	0.75	DRLINT1	14		P	10,305.0	PULL WEAR BUSHING
	8:00 10:30	2.50	CASINT1	24		P	10,305.0	RIG UP FRANKS FILLING TOOL & POWER TONGS
	10:30 11:00	0.50	CASINT1	12		P	10,305.0	RIG SERVICE
	11:00 20:00	9.00	CASINT1	24		P	10,305.0	MAKE UP SHOE TRACK, RUN 4 1/2" CASING TO 8700' HIT BRIDGE
	20:00 5:00	9.00	CASINT1	56		N	10,305.0	ATTEMPT TO WORK CASING THROUGH BRIDGE WITH NO RETURNS. PUMP DOWN 15% LCM, GAIN FULL RETURNS, CONTINUE TO CIRCULATE @ 250 GPM AND TRY WASH PAST BRIDGE
5/8/2011	5:00 5:30	0.50	CASINT1	56		N	10,305.0	LAY DOWN 1 JOINT CASING, RIG DOWN FRANKS FRILLING TOOL, INSTALL CIRCULATING SWEDGE
	5:30 6:00	0.50	CASINT1	56		N	10,305.0	CIRCULATE THROUGH 2" HIGH PRESSURE LINE. ATTEMPT TO WASH THROUGH BRIDGE AT HIGHER PUMP RATE
	6:00 6:45	0.75	CASINT1	71		N	10,305.0	RIG DOWN 2" CIRCULATING HOSE AND 1 JOINT OF CASING
	6:45 12:00	5.25	CASINT1	71		N	10,305.0	ATTEMPTED TO PULL CASING & LAY DOWN, CASING PULLING TIGHT. PUMP OUT / LAYDOWN CASING F/ 8715 TO 8497'
5/9/2011	12:00 0:00	12.00	CASINT1	71		N	10,305.0	CASING PULLING FREELY, LAY DOWN CASING FROM 8497' TO SHOE, BOTTOM CEMENT NOSE OF FLOAT SHOE WAS BROKE OFF, BUT REST OF FLOAT SHOE IN PLACE! - LOST 4 DOUBLE BOW CENTRALIZERS, AND 3 STOP RINGS WERE LEFT IN THE HOLE AFTER PULL OUT 7" CASING
	0:00 0:45	0.75	CASINT1	71		N	10,305.0	RIG DOWN FRANKS CASING SERVICE
	0:45 3:15	2.50	CASINT1	71		N	10,305.0	INSTALL WEAR BUSHING, LOAD PIPE RACKS WITH BHA & STRAP, RIG UP FLOOR TO PICK UP 4.5" DRILL STRING
	3:15 6:00	2.75	CASINT1	71		N	10,305.0	MAKE UP BIT #9 8.75" 1-1-7 MILLTOOTH BIT - PICK UP (6.5" DRILL COLLARS) RIH
	6:00 7:00	1.00	CASINT1	17		P	10,305.0	SLIP AND CUT DRILLING LINE - INSPECTED DRUM BRAKES AND LIKAGE
	7:00 7:30	0.50	CASINT1	12		P	10,305.0	SERVICE UP RIG
5/10/2011	7:30 13:00	5.50	CASINT1	71		N	10,305.0	CONTINUED TO PICK UP 4 1/2" DRILL PIPE TO 8357' - TAGGED UP ON CENTRALIZER AT 8357'
	13:00 19:00	6.00	CASINT1	71		N	10,305.0	WASH AND REAM ON CENTRALIZERS, PUSHING SAME TO 8650'
	19:00 19:30	0.50	CASINT1	71		N	10,305.0	CIRCULATE BOTTOMS UP
	19:30 21:30	2.00	CASINT1	71		N	10,305.0	TRIP OUT OF HOLE TO 6950', HOLE PULLING TIGHT 60K OVER STRING WT FIRST 10 STANDS TO 6020'
	21:30 23:45	2.25	CASINT1	71		N	10,305.0	TRIP BACK IN HOLE, WASH / REAM LAST 5 STANDS TO BOTTOM WITH 4-15 WOB
	23:45 0:15	0.50	CASINT1	71		N	10,305.0	CIRCULATE BOTTOMS UP, ADD 20 BBLs DIESEL TO MUD
	0:15 6:00	5.75	CASINT1	71		N	10,305.0	TRIP OUT HOLE F/ 8646', BACK REAMED FIRST 5 STANDS BEFORE PIPE STARTED PULLING FREE at 8181' - POOH FOR MILL
	6:00 6:30	0.50	CASINT1	71		N	10,305.0	SERVICE UP RIG, FUNCTION TESTED UPPER 4 1/2" BOPE RAMS, CLOSED IN 4 SECONDS
5/10/2011	6:30 10:15	3.75	CASINT1	71		N	10,305.0	M/U 8.75" OD 6 BLADE FB MILL, BOOT BASKET - RIH ON BHA, 4 1/2" DP TO 4990'
	10:15 11:15	1.00	CASINT1	17		P	10,305.0	SLIP AND CUT DRILLING LINE - CIR BTMS UP, NO GAS SEEN ON BTMS UP!
	11:15 12:15	1.00	CASINT1	71		N	10,305.0	CONTINUED TO RIP IN THE HOLE TO 8200'

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	12:15 4:45	16.50	CASINT1	71		N	10,305.0	TAGGED UPON 7" CENTRALIZER 8357' - WASH AND MILL ON SAME PUSHING SAME TO 9310'
	4:45 6:00	1.25	CASINT1	71		N	10,305.0	HOLE TRYING TO PACK -OFF WORK STRING, CIRULATING FOR MILL CHANGE
5/11/2011	6:00 8:00	2.00	CASINT1	71		N	10,305.0	CIRCUALTE AND CONDITION MUD
	8:00 10:15	2.25	CASINT1	71		N	10,305.0	WASH AND BACK REAM OUT OF THE HOLE 9310' / 8139'
	10:15 14:30	4.25	CASINT1	71		N	10,305.0	POOH HOLE FREELY 8139' / SURFACE WITH MILL - C/O BOOT BASKET HAD GOOD AMOUNT OF METAL PIECES, MILL WORN OUT - FUNCTION TEST BLIND RAMS, 4 SEC'S TO CLOSE
	14:30 17:00	2.50	CASINT1	71		N	10,305.0	M/U 8.50" FB 4 BLADE MILL W/ BOOT BASKET - RIH BREAK CIR 2580'
	17:00 17:30	0.50	CASINT1	71		N	10,305.0	BREAK CIR - CIR BTMS UP, NO GAS PRESENT!
	17:30 19:00	1.50	CASINT1	71		N	10,305.0	CONTINUE TO TRIP IN THE HOLE, TAGGED UP AT 8220'
	19:00 23:00	4.00	CASINT1	71		N	10,305.0	WASH AND REAM F/ 8220' TO 8970'
	23:00 23:30	0.50	CASINT1	71		N	10,305.0	WORK TIGHT HOLE, AT 8970'
	23:30 0:00	0.50	CASINT1	71		P	10,305.0	RIG SERVICE
	0:00 1:00	1.00	CASINT1	71		N	10,305.0	WASH AND BACK REAM OUT OF HOLE, F/ 8897' TO 8715'
1:00 6:00	5.00	CASINT1	71		N	10,305.0	WASH AND REAM, F/ 8715 TO 8872' CONDITION MUD,	
5/12/2011	6:00 7:45	1.75	CASINT1	71		N	10,305.0	CIRCULATE AND CONDITION MUD, BRING UP VIS,
	7:45 14:45	7.00	CASINT1	71		N	10,305.0	WASH AND REAM FROM 8880' TO 9173'
	14:45 15:15	0.50	CASINT1	12		P	10,305.0	RIG SERVICE, FUNCTION HYDRILL C/O = 20 SEC,
	15:15 6:00	14.75	CASINT1	71		N	10,305.0	WASH AND REAM FROM 9173' TO 10,284'
5/13/2011	6:00 10:30	4.50	CASINT1	71		N	10,305.0	WASH, REAM, PUSH AND MILL ON 7" CENTRALIZERS FROM 10,284' / 10,288'
	10:30 14:30	4.00	CASINT1	71		N	10,305.0	BACK REAM AND WASH OUT OF THE HOLE FROM 10,288' / 9,556' - HOLE WANTING TO PACK OFF
	14:30 18:15	3.75	CASINT1	71		N	10,305.0	CIRCULATE CONDITION MUD - RAISED VIS, LOWER WL
	18:15 20:45	2.50	CASINT1	71		N	10,305.0	BACK REAM AND WASH OUT OF HOLE FROM 9,556' / 7817' BEFORE PULLING FREELY
	20:45 22:15	1.50	CASINT1	71		N	10,305.0	CONTINUED TO PULL OUT OF HOLE WITH OUT BACK REAMING FROM 7817' / 4900' CHECK FLOW=0, PUMP SLUG,
	22:15 22:30	0.25	CASINT1	41		P	10,305.0	HELD SAFETY MEETING, (CUT AND SLIP DRILLINE)
	22:30 23:30	1.00	CASINT1	17		P	10,305.0	CUT AND SLIP DRILLINE, ADJUST BRAKES,
	23:30 0:00	0.50	CASINT1	12		P	10,305.0	RIG SERVICE, FUNCTION TEST PIPE RAMS,
	0:00 3:00	3.00	CASINT1	71		N	10,305.0	TRIP OUT, LAYDOWN 4 BLADE 8.5 MILL, CLEAN JUNK SUB, MAKE UP 6 BLADE 8.75 MILL,
	3:00 3:15	0.25	CASINT1	41		P	10,305.0	HELD SAFETY MEETING, TRIPPING IN HOLE,
3:15 6:00	2.75	CASINT1	71		N	10,305.0	TRIP IN HOLE, FILL PIPE EVERY 2000' - 4000'	
5/14/2011	6:00 8:15	2.25	CASINT1	71		N	10,305.0	TRIP IN HOLE F/ 4652' TO 8407' TAGGED AT 8407'
	8:15 12:00	3.75	CASINT1	71		N	10,305.0	WASH AND REAM 8407' TO 8800'
	12:00 15:45	3.75	CASINT1	71		N	10,305.0	CONDITION MUD, AND CIRCULATE HOLE CLEAN,
	15:45 22:00	6.25	CASINT1	12		P	10,305.0	LUBRICATE RIG, FUNCTION TEST LOWER PIPE RAMS,
	22:00 6:00	8.00	CASINT1	71		N	10,305.0	WASH AND REAM F/ 8800' TO 9900'
5/15/2011	6:00 14:30	8.50	CASINT1	71		N	10,305.0	WASH AND REAM F/ 9900' TO 10287'
	14:30 16:00	1.50	CASINT1	71		N	10,305.0	BACK REAM F/ 10287' TO 8987'
	16:00 19:30	3.50	CASINT1	71		N	10,305.0	TRIP OUT TO SHOE,
	19:30 19:45	0.25	CASINT1	41		P	10,305.0	HELD SAFETY MEETING (SLIP AND CUT DRILLINE)
	19:45 20:30	0.75	CASINT1	17		P	10,305.0	CUT AND SLIP DRIL LINE,
	20:30 21:00	0.50	CASINT1	12		P	10,305.0	RIG SERVICE, FUNCTION TEST UPPER PIPE RAMS
	21:00 0:00	3.00	CASINT1	71		N	10,305.0	TRIP OUT OF HOLE,
	0:00 1:15	1.25	CASINT1	71		N	10,305.0	CLEAN OUT JUNK BASKET, LAYDOWN MILL, MAKE UP BIT,
	1:15 1:30	0.25	CASINT1	41		P	10,305.0	HELD SAFETY MEETING, (TRIPPING IN HOLE)
1:30 6:00	4.50	CASINT1	71		N	10,305.0	TRIP IN HOLE, FILL PIPE AT 1000' 3000' 5000',	
5/16/2011	6:00 7:00	1.00	CASINT1	71		N	10,305.0	TRIP IN THE HOLE. TAGGED UP AT 8763'

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	7:00 16:30	9.50	CASINT1	71		N	10,305.0	WASH AND REAM FROM 8763' TO 9899"
	16:30 17:00	0.50	CASINT1	71		N	10,305.0	RIG SERVICE FUNCTION TEST HCR, 2 STC.
	17:00 18:30	1.50	CASINT1	71		N	10,305.0	WASH AND REAM FROM 9899' TO 10305' TAGGED BOTTOM,
	18:30 20:00	1.50	CASINT1	71		N	10,305.0	CIRCULATE AND CONDITION HOLE, VIS=110, WT=9.5,
	20:00 23:00	3.00	CASINT1	71		N	10,305.0	BACK REAM FROM 10305' TO 8499', PULLED FREELY AT 8779'
	23:00 6:00	7.00	CASINT1	71		N	10,305.0	LAY DOWN DRILLPIPE FROM 8499' TO 1000'
5/17/2011	6:00 9:30	3.50	CASINT1	71		N	10,305.0	TRIP IN DRILL PIPE OUT OF DERRICK, LAYDOWN DRILLPIPE AND BHA,
	9:30 10:00	0.50	CASINT1	29		P	10,305.0	PULL WEAR BUSHING
	10:00 10:30	0.50	CASINT1	12		P	10,305.0	RIG SERVICE, FUNCTION TEST BLIND RAMS, 4 STC
	10:30 12:00	1.50	CASINT1	71		N	10,305.0	HELD SAFETY MEETING WITH TESCO AND PREMIERE PIPE, PD CREW, RIG UP TESCO CDS AND SERVICE LOOP AND LINES,
	12:00 6:00	18.00	CASINT1	71		N	10,305.0	MAKE UP REAMING SHOE AND XO AND FLOAT COLLAR AND RUN 7" CASING, 7950' AT REPORT TIME - NOTE: LOST 158 BBLS OF MUD TO THE HOLE
5/18/2011	6:00 7:00	1.00	CASINT1	71		N	10,305.0	RUN 7" CASING WITH TESCO CDS @ 30'/MIN FROM 7865' TO 8250'
	7:00 8:00	1.00	CASINT1	71		N	10,305.0	CIRCULATE BOTTOMS UP @ 86 STKS / MIN.
	8:00 6:00	22.00	CASINT1	24		P	10,305.0	RUN 7" CASING WITH TESCO CDS @ 30'/MIN WASH AND ROTATE FROM 8250' TO 9850', AT REPORT TIME - NOTE: LOST 347 BBLS OF MUD TO THE HOLE,
5/19/2011	6:00 13:45	7.75	CASINT1	24		P	10,305.0	WASH AND ROTATE 7" CASING WITH TESCO CDS F/ 9850' TO BOTTOM (10,305') RAN A TOTAL OF 230 JOINTS OF 7" 29 HCP-110 LTC, FROM GROUND LEVEL: FLOAT COLLAR: 10,240' GL, FLOAT SHOE: 10,288' GL, NOTE: TOTAL MUD
	13:45 16:00	2.25	CASINT1	15		P	10,305.0	CIRCULATE & CONDITION MUD, KEEPING 10K WOB TO MAKE SURE ON BOTTOM
	16:00 18:00	2.00	CASINT1	24		P	10,305.0	PRE JOB SAFETY MEETING, LAY DOWN TESCO CASING RUNNING TOOL, RIG UP 2" CIRCULATING HOSE, RIG UP 350 TON ELEVATORS AND LONG BAILS WHILE CIRCULATING
	18:00 18:30	0.50	CASINT1	25		P	10,305.0	PRE JOB SAFETY MEETING WITH SCHLUMBERGER CEMENTERS. RIG UP CEMENTERS, TEST LINES TO 5000 PSI. OK!
	18:30 21:30	3.00	CASINT1	25		P	10,305.0	PUMP 50 BBLS AHEAD WATER, PUMP 670 SX (214 BBLS) 12.0 PPG LEAD 1.79 YIELD M/W 10.036 GALS / SK, PUMP 234 SX (96 BBLS) 12.5 PPG TAIL 2.3 YIELD M/W 12.94 GALS / SK, DROPPED PLUG ON THE FLY, DISPLACED 386 BBLS DRILLING MUD. (5 BBLS OVER DISPLACEMENT) PLUG DID NOT BUMP. FLOATS HELD FLOWED BACK 2 BBLS. LOST TOTAL RETURNS @ 320 BBLS DISPLACEMENT. ESTIMATED TOP OF CEMENT 4597'
	21:30 22:00	0.50	CASINT1	25		P	10,305.0	RIG DOWN CEMENTERS.
	22:00 5:00	7.00	CASINT1	29		P	10,305.0	NIPPLE DOWN BOPE, HOLD CASING STRING IN TENSION, 240K, MONITOR WELL FOR FLOW NO FLOW,
	5:00 6:00	1.00	CASINT1	28		P	10,305.0	NIPPLE DOWN, PICK UP BOPE AND SET CASING SLIPS WITH STRING WIGHT OF 197 K
		6:00 11:00	5.00	CASPRD1	29		P	10,305.0
5/20/2011	11:00 21:30	10.50	CASPRD1	28		P	10,305.0	INSTALL CROSSOVER / PRODUCTION HEAD, NIPPLE UP SINGLE GATE PIPE RAMS, DOUBLE GATE RAMS, ANNULAR AND ROTATING HEAD, HCR, KILL LINES, FLOWLINE, INSTALL HYDRALIC LINES, FUNCTION TEST ALL BOPE, RIG OUT 4.5 TOOLS, PICK UP 3.5 TOOLS, STRAP BHA WHILE NIPPLE UP,

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation	
	21:30 6:00	8.50	CASINT1	30		P	10,305.0	HELD SAFETY MEETING WITH WEATHERFORD AND PD CREW, (TESTING BOPE) START JOB, PRESSURE TEST UPPER, LOWER PIPE RAMS,KILL LINE VALVES,HCR, STABBING VALVES, INSIDE BOP, MANUAL AND HYDRALIC KELLY VALVES, SWEEP LINE,KILL LINE CHECK VALVE, BLIND RAMS, 250 PSI LOW, 10000 PSI HIGH, (ALL TESTED GOOD) TEST CASING 250 LOW 2500 HIGH, (GOOD), TEST HYDRILL AND STAND PIPE 250 LOW 4'000 HIGH, (GOOD), FUNCTION TEST ACCUMULATOR,	
5/21/2011	6:00 8:45	2.75	CASINT1	19		P	10,305.0	CONTINUE PRESSURE TESTING, TEST CASING TO 2500 PSI FOR 30 MIN. ACCUMULATOR FUNCTION TEST	
	8:45 9:00	0.25	DRLPRD	41		P	10,305.0	PRE JOB SAFETY MEETING ON PICKING UP 4 3/4" DRILL COLLARS	
	9:00 19:30	10.50	DRLPRD	14		P	10,305.0	INSTALL WEAR BUSHING, MAKE UP BIT, JUNK BASKET, BITSUB, PICK UP BHA AND 3 1/2" DRILL PIPE TO 9288"	
	19:30 20:00	0.50	DRLPRD	17		P	10,305.0	CUT AND SLIP DRILLING LINE	
	20:00 21:00	1.00	DRLPRD	14		P	10,305.0	CONTINUE TO PICK UP 3.1/2" DRILL PIPE, TAGED UP AT 10074'	
	21:00 22:00	1.00	DRLPRD	72		P	10,305.0	DRILL CEMENT F/ 10074' TO 10260', FLOAT COLLAR @ 10260'	
	22:00 22:30	0.50	DRLPRD	41		P	10,305.0	HELD BOP DRILL WELL AND MEN SECURE IN 96 SEC,	
	22:30 23:00	0.50	DRLPRD	72		P	10,305.0	DRILL CEMENT F/ 10260' TO 10305', SHOE AT 10305'	
	23:00 1:30	2.50	DRLPRD	07		P	10,305.0	DRILL 6.1/8 HOLE FROM 10305' TO 10322' PULLED UP PASSED SHOE, NO TORQUE, NO EXCESSIVE DRAG,	
	1:30 2:00	0.50	DRLPRD	33		P	10,322.0	PERFORM FIT = 2850 PSI = 14.8 EMW,	
	2:00 3:30	1.50	DRLPRD	07		P	10,322.0	DRILL 6.1/8 HOLE FROM 10322' TO 10328' PULLED UP PASSED SHOE, NO TORQUE, NO EXCESSIVE DRAG,	
5/22/2011	3:30 6:00	2.50	DRLPRD	13		P	10,328.0	CHECK FOR FLOW, NO FLOW, PUMP SLUG, TRIP OUT OF HOLE,	
	6:00 9:00	3.00	DRLPRD	13		P	10,328.0	TRIP OUT HOLE TO SURFACE, FUNCTION BLIND RAMS 4 SEC TO CLOSE	
	9:00 14:00	5.00	DRLPRD	13		P	10,328.0	MAKE UP BIT AND PACK OFF ASSEMBLY BHA AND TRIP IN HOLE TO 10311'	
	14:00 14:30	0.50	DRLPRD	41		P	10,328.0	BOB DRILL, WELL SECURE IN 90 SEC	
	14:30 15:00	0.50	DRLPRD	13		P	10,328.0	FILL PIPE, WASH TO BOTTOM FROM 10305'	
	15:00 22:00	7.00	DRLPRD	07		P	10,328.0	DRILL FROM 10328' TO 10502'	
	22:00 22:30	0.50	DRLPRD	12		P	10,502.0	LUBRICATE RIG, FUNCTION UPPER PIPE RAMS, 2 STC,	
	22:30 5:00	6.50	DRLPRD	07		P	10,502.0	DRILL FROM 10502' TO 10692'	
5/23/2011	5:00 5:30	0.50	DRLPRD	15		P	10,692.0	CIRCULATE HOLE CLEAN	
	5:30 6:00	0.50	DRLPRD	11		P	10,692.0	HELD SAFETY MEETING VAUGHNS WIRE LINE, RUN GYRO SURVEY TO 10662'	
	6:00 8:30	2.50	DRLPRD	11		P	10,692.0	CONTINUE TO RUN GYRO	
	8:30 11:30	3.00	DRLPRD	07		P	10,692.0	DRILL FROM 10692' TO 10788' INCREASE MUD WT TO 10.6	
	11:30 12:00	0.50	DRLPRD	12		P	10,788.0	RIG SERVICE	
	12:00 6:00	18.00	DRLPRD	07		P	10,788.0	DRILL FROM 10788' TO 11270' NO MUD LOSSES	
	5/24/2011	6:00 9:00	3.00	DRLPRD	07		P	11,270.0	DRILL FROM 11270' TO 11360'
		9:00 9:30	0.50	DRLPRD	12		P	11,360.0	RIG SERVICE
9:30 11:30		2.00	DRLPRD	07		P	11,360.0	DRILL FROM 11360' TO 11407' LOST RETURNS	
11:30 14:00		2.50	DRLPRD	52		N	11,407.0	PULL OFF BOTTOM, FILL BACK SIDE W/ 80 BBLS MUD THEN SWITCH TO WATER AND PUMP 120 BBLS DOWN BACK SIDE, HOLE FULL (200BBLS TOTAL)	
14:00 14:30		0.50	DRLPRD	52		N	11,407.0	FLOW CHECK, WELL STATIC	
14:30 17:30		3.00	DRLPRD	52		N	11,407.0	MIX LCM, DROP MUD WT. TO 11.5PPG, CIRCULATE 25% LCM, CIRCULATE WATER FROM ANNULAS AND DIVERT TO PIT. HAD GOOD RETURNS, AT CALCULATED BOTTOMS UP STROKES WE LOST RETURNS.	
17:30 18:00		0.50	DRLPRD	52		N	11,407.0	FILL BACK SIDE WITH TRIP TANK, HOLE TOOK 4 BBLS, MONITOR WELL, WELL NOT FLOWING	
18:00 19:00	1.00	DRLPRD	52		N	11,407.0	PUMP AT 60GPM, NO RETURNS, TRIP OUT OF HOLE TO SHOE,		

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	19:00 22:30	3.50	DRLPRD	52		N	11,407.0	FILL PIPE, ESTABLISH CIRCULATION, CIRC OUT GAS, AND BUILD VOLUME IN PITS TO 740 BBLS,
	22:30 0:00	1.50	DRLPRD	52		N	11,407.0	STAGE IN HOLE, ESTABLISH CIRCULATION EVERY 300' FROM 10217' TO 11279'
	0:00 0:30	0.50	DRLPRD	52		N	11,407.0	WASH AND REAM FROM 11297' TO 11407'
	0:30 6:00	5.50	DRLPRD	07		P	11,407.0	DRILL FROM 11407' TO 11542'
5/25/2011	6:00 9:30	3.50	DRLPRD	07		P	11,542.0	DRILL FROM 11542' TO 11646'
	9:30 10:00	0.50	DRLPRD	12		P	11,646.0	RIG SERVICE, FUNCTION LOWER PIPE RAMS 3 SEC TO CLOSE
	10:00 6:00	20.00	DRLPRD	07		P	11,646.0	DRILL FROM 11542' TO 12231'
5/26/2011	6:00 10:30	4.50	DRLPRD	07		P	12,231.0	DRILL FROM 12231' TO 12313'
	10:30 11:00	0.50	DRLPRD	12		P	12,313.0	RIG SERVICE, FUNCTION ANNULAR 21SEC TO CLOSE
	11:00 14:30	3.50	DRLPRD	07		P	12,313.0	DRILL FROM 12313' TO 12410'
	14:30 15:30	1.00	DRLPRD	15		P	12,410.0	CIRCULATE
	15:30 18:30	3.00	DRLPRD	07		P	12,410.0	DRILL FROM 12410' TO 12500'
	18:30 19:30	1.00	DRLPRD	15		P	12,500.0	CIRCULATE HOLE, INCREASE MUD WT. TO 12.0 PPG
	19:30 0:00	4.50	DRLPRD	07		P	12,500.0	DRILL FROM 12500' TO 12586' INCREASE MUD WT TO 12.2 PPG
	0:00 1:30	1.50	DRLPRD	15		P	12,586.0	CIRCULATE BOTTOMS UP, CHECK FLOW NO FLOW,
	1:30 4:30	3.00	DRLPRD	13		P	12,586.0	TRIP OUT TO SHOE, TRIP IN, DRAG 15K, NO OVER PULL
	4:30 6:00	1.50	DRLPRD	15		P	12,586.0	CIRCULATE AND CONDITION HOLE,
5/27/2011	6:00 6:30	0.50	DRLPRD	15		P	12,586.0	CIRCULATE HOLE CLEAN
	6:30 7:00	0.50	DRLPRD	11		P	12,586.0	DROP MULTI SHOT SURVEY
	7:00 13:30	6.50	DRLPRD	13		P	12,586.0	TRIP OUT HOLE. FLOW CHECK ON BOTTOM, 12122', 6214, 687, AT SURFACE. FUNCTION UPPER AND LOWER PIPE RAMS
	13:30 14:00	0.50	DRLPRD	41		P	12,586.0	PRE JOB SAFETY MEETING WITH HALLIBURTON WIRE LINE LOGGERS
	14:00 17:30	3.50	DRLPRD	11		P	12,586.0	RIG UP AND RUN WIRELINE LOGS (GAMMA RAY, RESISTIVITY, CALLIPER, POROUSITY) LOGGERS DEPTH 12584' RIG DOWN LOGGERS,
	17:30 6:00	12.50	CASPRD1	24		P	12,586.0	RIG UP CASING CREW, MAKE UP SHOE TRACK AND PUMP AND CHECK FLOATS, RUN 58 JNTS, AND 2 MARKER JTS OF 13.5# P110 CASING, RAN 18 BOWSPRING CENTRILIZERS, MAKE UP HANGER ASSEMBLY, FILL EVERY 10 STANDS, TRIP IN DRILLPIPE FILL EVERY 20 STANDS, CIRCULATE BOTTOMS UP AT THE SHOE,
5/28/2011	6:00 12:30	6.50	CASPRD1	24		P	12,586.0	RUN 4.5" PRODUCTION LINER ON 3 1/2" DRILL PIPE FROM 11509' TO 12586', WASH DOWN FROM 11534'
	12:30 17:30	5.00	CASPRD1	15		P	12,586.0	CONDITION MUD & CIRCULATE, INCREASE MUD WEIGHT TO 12.0PPG
	17:30 18:00	0.50	CASPRD1	25		P	12,586.0	PRE JOB SAFETY MEETING WITH SCHLUMBERGER CEMENTERS PRESSURE TEST LINES TO 5000PSI
	18:00 20:00	2.00	CASPRD1	25		P	12,586.0	PUMPED, 30 BBLS 13 PPG MUD PUSH. MIXED AND PUMPED 227 SACKS OR 61.6 BBLS OF SLURRY WELL BOND CEMENT: YIELD: 1.52 CUFT / SK, MW: 6.824 GALS / SK, DENSITY: 14.10 PPG - WASH OUT LINES TO PITS - DROPPED DART DISPLACED WITH 10 BBLS OF RETARDED WATER FOLLOWED BY 20 BBLS OF FRESH WATER, THEN 10 BBLS MUD PUSH 13 PPG, PUMPED 70.6 BBLS OF MUD 11.8 PPG, BUMPED PLUG WITH 2900 PSI, AT 1930 HRS 05/27/2011, FLOATS HELD, DROP BALL PUMP AND RUPTURE DISC @ 5000 PSI, PULL AND PUSH RELEASE FROM TOOL,
	20:00 21:00	1.00	CASPRD1	15		P	12,586.0	CIRCULATE HOLE 1.5 TIMES ANNULAR VOLUME,, 30 BBLS MUD PUSH AND A TRACE OF CEMENT BACK, PREFORM POSITIVE PRESSURE TEST 1500 PSI FOR 15 MIN, OK
	21:00 21:30	0.50	CASPRD1	25		P	12,586.0	RIG DOWN CEMENT HEAD AND LINES

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
5/29/2011	21:30 3:30	6.00	CASPRD1	13		P	12,586.0	HELD SAFETY MEETING, TRIP OUT 10 STANDS, LAY DOWN DRILLPIPE,
	3:30 4:30	1.00	CASPRD1	17		P	12,586.0	SLIP AND CUT DRILLLINE,
	4:30 6:00	1.50	CASPRD1	13		P	12,586.0	TRIP IN PIPE OUT OF DERRICK
	6:00 6:30	0.50	CASPRD1	13		P	12,586.0	CONTINUE TO TRIP IN PIPE OUT OF DERRICK
	6:30 11:00	4.50	CASPRD1	13		P	12,586.0	LAY DOWN DRILL PIPE AND BHA, PULL WEAR BUSHING
	11:00 16:30	5.50	CASPRD1	29		P	12,586.0	NIPPLE DOWN BOPs, INSTALL NIGHT CAP ON WELL HEAD
	16:30 0:00	7.50	RDMO	02		P	12,586.0	HAVE PRE JOB SAFETY MEETING ON RIGGING DOWN TOP DRIVE. RIG DOWN TOP DRIVE, SWIVEL, RIG DOWN FLOOR, BRIDAL UP, HANG KELLY HOSE, RIG DOWN FLOW LINE, GAS BUSTER AND FLARE LINES. CLEAN MUD TANKS. 20% RIG DOWN
	0:00 6:00	6.00	RDMO	67		P	12,586.0	WAIT ON DAYLIGHT. RELEASE RIG AT 06:00 AM 05/29/2011

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: EL PASO 4-29B5	
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013502080000	
3. ADDRESS OF OPERATOR: 1001 Louisiana St. , Houston, TX, 77002	PHONE NUMBER: 713 420-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1050 FSL 0850 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 29 Township: 02.0S Range: 05.0W Meridian: U	COUNTY: DUCHESNE	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 7/6/2011	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER: <input type="text"/>
		<input type="checkbox"/> CASING REPAIR
		<input type="checkbox"/> CHANGE WELL NAME
		<input type="checkbox"/> CONVERT WELL TYPE
		<input type="checkbox"/> NEW CONSTRUCTION
		<input type="checkbox"/> PLUG BACK
		<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
		<input type="checkbox"/> TEMPORARY ABANDON
		<input type="checkbox"/> WATER DISPOSAL
		<input type="checkbox"/> APD EXTENSION
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This report through 07/06/2011. Will begin with 07/07/11 next month.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 7/7/2011	

1 General

1.1 Customer Information

Company	WESTERN
Representative	
Address	

1.2 Well Information

Well	EL PASO 4-29B5		
Project	ALTAMONT FIELD	Site	EL PASO 4-29B5
Rig Name/No.	PEAK/700	Event	COMPLETION LAND
Start Date		End Date	
Spud Date	4/9/2011	UWI	EL PASO 4-29B5
Active Datum	KB @6,212.0ft (above Mean Sea Level)		
Afe No./Description	143460/41529 / EL PASO 4-29B5		

2 Summary

2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
6/10/2011	6:00 7:30	1.50	MIRU	28		P		CT TGSM & JSA (NU 10K BOPS)
	7:30 8:30	1.00	MIRU	01		P		SPOT RIG AND EQ., RIG UP.
	8:30 10:30	2.00	SITEPRE	18		P		UNLOAD AND PREP 84 JTS 2-3/8" 8RD EUE TBG & 330 JTS 2-7/8" 8RD EUE TBG.
	10:30 15:30	5.00	INSTUB	39		P		PUMU & RIH W/ 3-3/4" BIT, JUNK BASKET, BIT SUB, 4 3-1/8" DCS, X/O TO EUE, 80 JTS 2-3/8" 2-3/8" X 2-7/8" X/O, 72 JTS 2-7/8" 8RD EUE TBG.
	15:30 17:00	1.50	INSTUB	06		P		CIRCULATE CLEAN W/ 175 BBLS
17:00 18:30	1.50	INSTUB	39		P		CIH W/ 86 JTS 2-7/8" 8RD EUE TBG. SWIFN, CSFDN CT. EOT @ 7350'.	
6/11/2011	6:00 7:30	1.50	WBP	28		P		CT TGSM & JSA (PU TBG)
	7:30 10:30	3.00	WBP	39		P		PU MU & RIH W/ 84 JTS 2-7/8" 8RD EUE TBG, EOT @ 10,394' (TAGGED LINER TOP @ 10136' TM (W/ NO CKB ADDED.) GLM 10,128'
	10:30 12:30	2.00	WBP	06		P		CIRCULATE CLEAN.
	12:30 14:30	2.00	WBP	39		P		CIH W/ 78 JTS 2-7/8" TAG CMT @ 12,493' (GROUND LEVEL)
	14:30 19:00	4.50	WBP	06		P		RU PWR SWVL, CIRC CLEAN, DRILL TO F.C @ 12,538' C/O TO 12,568'. CIRC CLEAN R/D PWR SWVL.
19:00 19:30	0.50	WBP	39		P		LAY DOWN 20 JTS 2-7/8" 8RD N-80 EUE TBG, EOT @ 11,985. SWIFN CSDFN CT.	
6/12/2011	6:00 7:30	1.50	WBP	28		P		CT TGSM & JSA (LAYING DOWN TBG) TSIP & CSIP @ 0# PSI.
	7:30 15:30	8.00	WBP	39		P		COOH LAYING DOWN TBG
	15:30 17:30	2.00	RDMO	02		P		RIG DOWN, RACK OUT PUMP. CSDFWE CT
6/13/2011	6:00 7:00	1.00	WLWORK	28		P		HSM WRITE AND REVIEW JSA TOPIC; OVER HEAD EQUIPMENT
	7:00 9:00	2.00	SITEPRE	18		P		RU HOT OIL TRUCK MOVE T SEAL AND 2 7/8" TBG OFF LOCATION
	9:00 15:00	6.00	CHLOG	22		P		MIRU WIRELINE PU LOGGING TOOLS AND RUN IN HOLE TAG PBDT AT 12571' WL MD FILL AND HOLD A 1000 PSI ON CSG WHILE LOGGING...LOG 500' INTO SUFACE CSG TO 4500' (SURFACE CSG 4997') TOP OF CMT AT 8500' RD WIRELINE SECURE WELL SDFN
6/14/2011	6:00 7:00	1.00	SITEPRE	28		P		CREW TRAVEL TO LOC HSM WRITE AND REVIEW JSA TOPIC; PRESSURE

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	7:00 8:00	1.00	SITEPRE	09		P		REPLACE VALVE ON BOPE WITH NEW VALVE SPOT IN FLOW BACK TANKS
	8:00 9:00	1.00	STG01	36		P		RU TEST TRUCK TEST CSG TO 8500 PSI HELD FOR 30 MINS TEST GOOD BLEED OFF PRESSURE RD TEST TRUCK
	9:00 11:00	2.00	STG01			P		CONTINUE FILLING FRAC TANKS
	11:00 14:30	3.50	STG01	21		P		MIRU WIRELINE TIH w 2 3/4" HSC 15 gm CHARGE 3 jsfp 120 PHASING RU HOT OIL TRUCK FILL & PRESSURE CSG TO 1000 PSI PERFORATE STG 1 ENDING PRESSRUE 900 PSI TOH w GUN AND LAY DOWN SAME SECURE WELL
	14:30 6:00	15.50	STG01	35		P		MIRU STINGER HEAT FRAC TANKS HAUL IN SAND
6/15/2011	6:00 7:00	1.00	STG01	28		P		CREW TRAVEL TO LOC HSM WRITE AND REVIEW JSA TOPIC; PRESSURE ON LINES
	7:00 9:00	2.00	STG01	35		P		MIRU FRAC EQUIPMENT FINISH HEATING WTR RU FLOW BACK LINE PREPAIR TO FRAC STG 1
	9:00 11:30	2.50						STAGE 1; PRESSURE TEST LINES TO 9000 PSI. OPEN WELL. SICP 1400 PSI. BREAK DOWN STAGE 1 PERFORATIONS 12500' TO 12331' @ 4256 PSI, PUMPING 12 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLs. ISDP 4243 PSI. 5 MINUTE 4044 PSI. 10 MINUTE 3977 PSI. 15 MINUTE 3928 PSI. TREATED STAG 1... AS PER PROCEDURE PAD 100M SPACER 1# TERRA PROP 2# TERRA PROP 3# TERRA PROP 4# TERRA PROP FLUSH TO TOP PERF...ISDP 4718 PSI. 5 MIN 4427 PSI. 10 MINUTE 4348 PSI. 15 MINUTE 4286 PSI. AVG RATE 59 BPM. AVG PSI 6120 PSI. MAX RATE 61.8 BPM. MAX PSI 7470 PSI. TURN OVER TO WIRELINE
	9:00 9:00	0.00						
	11:30 13:00	1.50						STAGE 2; SET COMPOSITE FRAC PLUG @ 12304'. PRESSURE ON WELL 4000 PSI PERFORATE STAGE 2 PERFORATIONS 12274' TO 12090', 22 NET FEET 66 TTL SHOTS W/ 2-3/4" 3 JSFP, 120 DEG PHASING GUNS. SAW NO PRESSURE CHANGE.
	13:00 14:30	1.50						STAGE 2; PRESSURE TEST LINES TO 9150 PSI. OPEN WELL. SICP 3975 PSI. BREAK DOWN STAGE 2 PERFORATIONS 12274' TO 12099' @ 4413 PSI, PUMPING 12.9 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLs. ISDP 4260 PSI. 5 MINUTE 4244 PSI. 10 MINUTE 4114 PSI. 15 MINUTE 4039 PSI. TREATED STAG 2... AS PER PROCEDURE PAD 100M SPACER 1# TERRA PROP 2# TERRA PROP 3# TERRA PROP 4# TERRA PROP FLUSH TO TOP PERF...ISDP 4476 PSI. 5 MIN 4290 PSI. 10 MINUTE 4245 PSI. 15 MINUTE 4217 PSI. AVG RATE 61.1 BPM. AVG PSI 5776 PSI. MAX RATE 62.5 BPM. MAX PSI 7101PSI. TURN OVER TO WIRELINE
	14:30 16:00	1.50						STAGE 3; SET COMPOSITE FRAC PLUG @ 12086'. PRESSURE ON WELL 4000 PSI PERFORATE STAGE 3 PERFORATIONS 12065' TO 11863', 21 NET FEET 63 TTL SHOTS W/ 2-3/4" 3 JSFP, 120 DEG PHASING GUNS. SAW NO PRESSURE CHANGE
	16:00 17:30	1.50						STAGE 3; PRESSURE TEST LINES TO 9200 PSI. OPEN WELL. SICP 4000 PSI. BREAK DOWN STAGE 3 PERFORATIONS 12065' TO 11863' @ 5260 PSI, PUMPING 20 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLs. ISDP 3930 PSI. 5 MINUTE 3780 PSI. 10 MINUTE 3694 PSI. 15 MINUTE 3615 PSI. TREATED STAG 3... AS PER PROCEDURE PAD 100M SPACER 1# TERRA PROP 2# TERRA PROP 3# TERRA PROP 4# TERRA PROP FLUSH TO TOP PERF...ISDP 4459 PSI. 5 MIN 4167 PSI. 10 MINUTE 4115 PSI. 15 MINUTE 4075 PSI. AVG RATE 61.1 BPM. AVG PSI 5517 PSI. MAX RATE 62 BPM. MAX PSI 6902 PSI. TURN OVER TO WIRELINE

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	17:30 18:30	1.00						STAGE 4; SET COMPOSITE FRAC PLUG @ 11852'. PRESSURE ON WELL 3900 PSI PERFORATE STAGE 4 PERFORATIONS 11837' TO 11638', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS. SAW NO PRESSURE CHANGE SECURE WELL
	18:30 6:00	11.50						REFILL AND HEAT FRAC TANKS
6/16/2011	6:00 7:00	1.00	STG04	28		P		CREW TRAVEL TO LOC HSM WRITE AND REVIEW JSA TOPIC; PRESSURE
	7:00 9:00	2.00	STG04	35		P		STAGE 4; PRESSURE TEST LINES TO 9150 PSI. OPEN WELL. SICP 2800 PSI. BREAK DOWN STAGE 4 PERFORATIONS 11836' TO 11637' @ 2800 PSI, PUMPING 12 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 3972 PSI. 5 MINUTE 3686 PSI. 10 MINUTE 3524 PSI. 15 MINUTE 3336 PSI. TREATED STAG 4...AS FLOW PAD 100M SPACER 1# TERRA PROP 2# TERRA PROP 3# TERRA PROP 4# TERRA PROP PMPED 16057# CUT STG SHORT 15000# FLUSH TO TOP PERF...ISDP 5148 PSI. 5 MIN 4737 PSI. 10 MINUTE 4511 PSI. 15 MINUTE 4215 PSI. AVG RATE 61.9 BPM. AVG PSI 5681 PSI. MAX RATE 63.1 BPM. MAX PSI 6692 PSI. TURN OVER TO WIRELINE
	9:00 11:00	2.00	STG05	35		P		STAGE 5; COULD GET DOWN WITH PLUG PMPED ADDITIONAL 5 BBLS TIH SET COMPOSITE FRAC PLUG @ 11623'. PRESSURE ON WELL 6400 PSI PERFORATE STAGE 5 PERFORATIONS 11609' TO 11402', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS. SAW NO PRESSURE CHANGE SECURE WELL
	11:00 13:00	2.00	STG05	35		P		STAGE 5; PRESSURE TEST LINES TO 9250 PSI. OPEN WELL. SICP 404 PSI. BREAK DOWN STAGE 5 PERFORATIONS 11612' TO 11402' @ 5125 PSI, PUMPING 7 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 2487 PSI. 5 MINUTE 0 PSI. TREATED STAG 5...AS PER BHARATH RAJAPPA w BAKER & JONATHAN MOK w EL PASO FLUSH TO TOP PERF...ISDP 100 PSI. 5 MIN 0 PSI. AVG RATE 64.9 BPM. AVG PSI 5012 PSI. MAX RATE 65.7 BPM. MAX PSI. 6719 TURN OVER TO WIRELINE
	13:00 15:00	2.00	STG06	35		P		STAGE 6; SET COMPOSITE FRAC PLUG @ 11387'. FILL WELL w 303 BBLS TEST PLUG...PLUG TEST GOOD BLED PRESSURE DOWN TO 4000 PSI PERFORATE STAGE 6 PERFORATIONS 11355' TO 11165', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS. END PRESSURE 3040 PSI
	15:00 17:00	2.00	STG06	35		P		STAGE 6; PRESSURE TEST LINES TO 9000 PSI. OPEN WELL. SICP 1150 PSI. BREAK DOWN STAGE 6 PERFORATIONS 11355' TO 11165' @ 4190 PSI, PUMPING 6.8 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 4240 PSI. 5 MINUTE 4046 PSI. 10 MINUTE 3936 PSI. 15 MINUTE 3636 PSI. TREATED STAG 6...AS FLOW PAD 100M SPACER 1# TERRA PROP 2# TERRA PROP 3# TERRA PROP 4# TERRA PROP FLUSH TO TOP PERF...ISDP 4902 PSI. 5 MIN 4548 PSI. 10 MINUTE 4430 PSI. 15 MINUTE 4350 PSI. AVG RATE 64.7 BPM. AVG PSI 5422 PSI. MAX RATE 65.6 BPM. MAX PSI 6610 PSI. TURN OVER TO WIRELINE
	17:00 18:30	1.50	STG07	35		P		STAGE 7; SET COMPOSITE FRAC PLUG @ 11150'. PRESSURE ON WELL 4100 PSI PERFORATE STAGE 7 PERFORATIONS 11118' TO 10886', 23 NET FEET 69 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS. SAW NO PRESSURE CHANGE.
	18:30 3:00	8.50	STG07	35		P		FILL AND HEAT FRAC TANKS

6/17/2011

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
								COMPLETION; FRAC 7 STGS TTL WTR 19226 BBLs TTL PROP 844340# PLUG DEPTHS 12304, 12086, 11852, 11622, 11387, 11150
	6:00 7:00	1.00	STG07	28		P		CREW TRAVEL TO LOC HSM WRITE AND REVIEW JSA TOPIC; PRESSURE AND LINES
	7:00 10:00	3.00	STG07	35		P		STAGE 7; PRESSURE TEST LINES TO 9100 PSI. OPEN WELL. SICP 2639 PSI. BREAK DOWN STAGE 7 PERFORATIONS 11117' TO 11886' @ 4161 PSI, PUMPING 7 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLs. ISDP 3838 PSI. 5 MINUTE 3587 PSI. 10 MINUTE 3432 PSI. 15 MINUTE 3284 PSI. TREATED STAG 7... AS PER PROCEDURE PAD 100M SPACER 1# TERRA PROP 2# TERRA PROP 3# TERRA PROP 4# TERRA PROP FLUSH TO TOP PERF...ISDP 4290 PSI. 5 MIN 4005 PSI. 10 MINUTE 3887 PSI. 15 MINUTE 3810 PSI. AVG RATE 62.5 BPM. AVG PSI 4821 PSI. MAX RATE 62.5 BPM. MAX PSI 6459 PSI.
	10:00 11:00	1.00	RDMO	02		P		RIG DOWN FRAC EQUIPMENT RIG DOWN STINGER
	11:00 11:30	0.50	FB	35		P		OPEN WELL ON 10/64 CHOCK POEN PRESSURE 3250 PSI TURN WELL OVER TO FLOW BACK
	11:30 6:00	18.50	FB	35		P		FLOW BACK NO GAS NO OIL 452 BBLs OF WATER ON 10/64 CHOCK 625 PSI
6/18/2011	6:00 6:00	24.00	FB	19		P		HSM WRITE AND REVIEW JSA; TOPIC FLOW BACK PRESSURE 0 GAS 0 OIL 175 BBLs OF WATER 90 PSI OPEN ON A 20/64 CHOCK
6/22/2011	6:00 9:00	3.00	CTU	28		P		CREW TRAVEL TO LOC HSM WRITE AND REVIEW JSA TOPIC; PRESSURE ON PUMP AND LINES
	9:00 12:00	3.00	CTU	35		P		MIRU PU DRILL OUT ASSEMBLY WITH 3.75 MILL TEST BOPE AND COIL TO 5000 PSI
	12:00 15:00	3.00	CTU	35		P		OPENING PRESSURE 1000 PSI TIH w COIL TBG TAG 10970' CIRC DOWN TO 11185' (COIL TBG MD) DRILL 1ST PLUG CHASE PLUG DOWN TO 11378'
	15:00 19:00	4.00	CTU	35		C		ATTEMPT TO FINISH DRILLING 1ST PLUG AND CLEANING OUT TO 2ND PLUG FAILED UNABLE TO GET DEEPER THEN 11378' (COIL TBG MD) CYCAL OUT ON COIL TBG
	19:00 22:00	3.00	CTU	35		C		TOH w COIL TBG...MOTOR FAILED AND MILL WAS WORN
	22:00 23:00	1.00	CTU	35		P		CUT OFF 100' OF COIL PU NEW DRILL OUT ASSEMBLY WITH 3.701 MILL TEST TEST 5000 PSI OPEN PRESSURE 500 PSI
	23:00 1:30	2.50	CTU	35		P		TIH w COIL TBG TAG 11377' CONT DRILLING
	1:30 6:00	4.50	CTU	35		P		ATTEMPT TO DRILL CBP FAILED UNABLE TO GET DEEPER
6/23/2011	6:00 6:30	0.50	CTU	35		P		HSM WRITE AND REVIEW JSA TOPIC; PRESSURE
	6:30 10:30	4.00	CTU	35		P		CONTINUE DRILLING AT 11378' UNABLE TO GET DEEPER CYCLE OUT ON COIL TBG TOH w COIL TBG LAY DOWN DRILL ASSEMBLY
	10:30 12:00	1.50	CTU	35		P		CUT 100' OF 2" COIL PU DRILL ASSEMBLY w 3.75 METAL MUNCHER MILL TEST COIL 5000 PSI OPEN WELL PRESSURE 800 PSI
	12:00 20:00	8.00	CTU	35		P		TIH w COIL TBG TAG AT 11378' DRILL OUT REMAINDER OF PLUG #1 CIRC DOWN TAG AT 11423' CIRC WELL CLEAN DRILL PLUG # 2 WELL WENT ON VACUUM COILTBG STUCK UNABLE TO MOVE TBG
	20:00 1:30	5.50	CTU	35		C		PMP TWO 10 BBL SWEEPS CONTINUE PMP DWN COIL TBG w NITROGEN PULL COIL TBG IN TENTION 10K OVER RE-ESTABLISH CIRC...CYCLED OUT ON COIL TBG CONTINUE CIRC WORK COIL TBG FREE
	1:30 4:30	3.00	CTU	35		P		TOH w COIL TBG LAY DOWN DRILL OUT ASSEMBLY
	4:30 6:00	1.50	CTU	35				PU NEW DRILL OUT ASSEMBLY SIH

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
6/24/2011	6:00 6:30	0.50	CTU	35		P		HSM WRITE AND REVIEW JSA TOPIC; SLIPS TRIPS AND FALLS
	6:30 9:30	3.00	CTU	35		P		OPEN WELL 0 PSI TIH w COIL PMP 2 BPM 300 SCF N2 RE-ESTABLISH CIRC TAG AT 11398' 25' FT HIGH FROM PREVIOUS TAG
	9:30 13:30	4.00	CTU	35		P		CONTINUE DRILLING...DRILL HARD...DRILL DOWN TO 11403'... COIL TBG STUCK WORK TO FREE COIL TBG CONTINUE DRILL TO 11407' LOST CIRC WELL ON VACUUM
	13:30 17:00	3.50	CTU	35		C		TOH w COIL TBG ABOVE LINER TOP AT 10128' RE-ESTABLISH CIRC WITH 360 BBLs OF 2% KCL
	17:00 22:00	5.00	CTU	35		C		TIH w COIL TBG UNABLE TO GET BACK IN LINER...TOH w COIL TBG...LEFT 3.75 MILL 2 3/8" REG BOX X 2 3/8" PAC PIN XO BIT BOX BEARING HOUSING ROTOR IN HOLE...LAY DOWN REMAINING DRILL OUT ASSEMBLY SECURE WELL RIG DOWN CTS
6/25/2011	13:00 14:30	1.50	MIRU	01		P		HSM WRITE AND REVIEW JSA TOPIC; RIGGING UP...ROAD RIG FROM 2-32 B4
	14:30 18:00	3.50	MIRU	01		P		MIRU MOVE IN PIPE RACK AND TBG MOVE IN PMPs AND TANK
6/26/2011	6:00 7:00	1.00	PRDHEQ	28		P		HSM WRITE AND REVIEW JSA TOPIC; PICKING UP TBG
	7:00 16:00	9.00	PRDHEQ	52		P		CSIP 500 PSI BLEED OFF PRESSURE PU 3 3/4" WASH PIPE SHOE 3 3/4" BUSHING 3 11/16" BOWL 3 5/8" BUSHING 2- 3 5/8" WASH PIPE PUP JT 3 1/8" TOP SUB CROSS OVER SUB BACK TO 2 3/8" EUE 8RD TBG 80 JTS OF 2 3/8" N-80 8RD TBG CROSS OVER SUB 260 JTS OF 2 7/8" N-80 8RD TBG
	16:00 17:00	1.00	PRDHEQ	52		P		TAG FISH TOP AT 11402' ENGAGE FISH PULL OVER 20K
	17:00 21:00	4.00	PRDHEQ	52		P		TOH w 280 JTS OF 2 7/8" N-80 8RD TBG 80 JTS 2 3/8" OF N-80 8RD TBG NO FISH THREAD PARTED BETWEEN BOWL AND BUSHING LOST BUSHING AND WASH PIPE SHOE IN HOLE SECURE WELL SDFN
6/27/2011	6:00 7:00	1.00	PRDHEQ	28		P		HSM WRITE AND REVIEW JSA TOPIC TRIPPING TUBING
	7:00 12:00	5.00	PRDHEQ	52		P		CSIP 500 PSI GAS BLEED OFF WELL PMP 20 BBLs OF 2% KCL PU TIH w 3 1/8" OVER SHOT w 1 3/4" AND 1 11/16" GRAPLES 3 1/8" BUMPER SUB 3 1/8" JAR 3 1/16" CROSS OVER TO 2 3/8" TBG 80 JTS OF 2 3/8" TBG 280 JTS OF 2 7/8" TBG
	12:00 13:00	1.00	PRDHEQ	52		P		TAG FISH TOP AT 11395' PMP PUMP 50 BBLs OF BRINE WTR DOWN TBG ENGAGE FISH START WORKING FISH 80K TO 100K SETTING JARS OFF AT 15K TO 20K OVER SOMETHING CAME FREE TAG TAG HIGHER WHEN COMING BACK DOWN
	13:00 15:00	2.00	PRDHEQ	52		P		TOH w 30 JTS OF 2 7/8" TBG CLUCH VALVE ON RIG FAILED SHUT DOWN REPLACE VALVE
	15:00 19:00	4.00	PRDHEQ	52		P		CONT TOH w 249 JTS OF 2 7/8" TBG 80 JTS 2 3/8" TBG LD ROTOR, BEARING HOUSING, AND THE CIRC SUB FOUND FORMATION? OR GRAVEL IN CIRC SUB...DID NOT RETRIEVE 2 3/8" PAC X 2 3/8" REG XO, 3.75 MILL OR LOST FISHING TOOLS SECURE WELL SDFN
6/28/2011	6:00 7:00	1.00	PRDHEQ	28		P		HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TUBING
	7:00 11:30	4.50	PRDHEQ	52		P		CSIP 500 PSI GAS BLEED OFF WELL PMP 20 BBLs OF 2% KCL DOWN ANNULAS PU AND TIH w 3 3/4" SPEAR w 3.20 GRAPPLE CROSS OVER 3 1/8" BUMPER SUB 3 1/8" JAR CROSS OVER 80 JTS OF 2 3/8" TBG 279 JTS OF 2 7/8" TBG
	11:30 12:30	1.00	PRDHEQ	52		P		ENGAGE FISH
	12:30 16:30	4.00	PRDHEQ	52		P		TOH w 279 JTS OF 2 7/8" TBG 80 JTS OF 2 3/8" TBG
	16:30 17:00	0.50	PRDHEQ	52		P		LD FISH RETIEVED 3 3/4" BUSHING 3 3/4" WASH PIPE SHOE
	17:00 18:00	1.00	PRDHEQ	52		P		PU SIH w 3 3/4" OVER SHOT w 3" GRAPPLE 3 1/8" BUMPER SUB 3 1/8" JAR 80 JTS OF 2 3/8" TBG 10 JTS OF 2 7/8" TBG SECURE WELL SDFN
6/29/2011								

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:00 7:00	1.00	PRDHEQ	52		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; WORKING WITH FISHING TOOLS
	7:00 8:00	1.00	PRDHEQ	52		P		CSIP 500 PSI BLED OFF WELL PMP 20 BBLS OF 2% KCL DOWN ANNULAS
	8:00 10:00	2.00	PRDHEQ	52		P		FINISH TIH w 269 JTS OF 2 7/8" TBG
	10:00 14:30	4.50	PRDHEQ	52		P		ATTEMPT TO ENGAGE FISH FAILED RU POWER SWIVEL ESTABLISH CIRC w 340 BBLS OF 2% KCL CIRC DOWN w OS PRESSURE INCREASED TO 1500 PSI WORK OS CIRC BOTTOMS UP w 560 BBLS
	14:30 19:00	4.50	PRDHEQ	52		P		RD POWER SWIVEL TAG BTM WORK OS TOH w 279 JTS OF 2 7/8" TBG 80 JTS OF 2 3/8"
	19:00 19:30	0.50	PRDHEQ	52		P		DID NOT RECOVER MILL AND CROSS OVER SECURE WELL SDFN
6/30/2011	6:00 7:00	1.00	PRDHEQ	28		P		HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TUBING
	7:00 8:30	1.50	PRDHEQ	52		P		CSIP 300 PSI GAS BLED OFF WELL PMP 20 BBLS OF 2% KCL DOWN ANNULAS
	8:30 12:30	4.00	PRDHEQ	35		P		PU 3 3/4" WASH PIPE SHOE 3 1/6" TOP SUB 3 1/8" BUMPER SUB 3 1/8" JAR CROSS OVER SUB 2 7/8" IF X 2 3/8" EUE 8RD TIH w 80 JTS OF 2 3/8" TBG 279 JTS OF 2 7/8" TGB
	12:30 18:00	5.50	PRDHEQ	52		P		RU POWER SWIVEL ESTABLISH CIRC w 330 BBLS OF 2% KCL TAG AT 11398' MADE NO HOLE FOUND SMALL METAL CUTTINGS ON MAGNET AND SMALL AMOUNT OF SAND IN TRASH CATCHER
	18:00 19:30	1.50	PRDHEQ	52		P		RD POWER SWIVEL TOH w 51 JTS ABOVE LINER EOT 9800' SECURE WELL SDFN
7/1/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOC HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TUBING
	7:00 12:00	5.00	PRDHEQ	52		P		TOH w 254 JTS OF 2 7/8" TBG SHUT DOWN WAIT ON LIGHTNING STORM TO PASS CONTINUE TOH w 80 JTS OF 2 3/8" TBG
	12:00 13:30	1.50	PRDHEQ	52		P		REVISED FISHING JOB WAIT ON FISHING TOOLS
	13:30 17:00	3.50	PRDHEQ	52		P		PU 2 3/8" PAC BOX x 2 3/8" EUE 8RD PIN 2 3/8" EUE 8RD BOX x 2 3/8" REG PIN 2 3/8" REG BOX x 2 3/8" REG BOX 3 1/8" BUMPER SUB 3 1/8" JAR TIH w 80 JTS OF 2 3/8" TBG 279 JTS OF 2 7/8" TBG
	17:00 18:00	1.00	PRDHEQ	52		P		WORK THROUGH TIGHT SPOT TAG 6 FT DEEPER AT 11404' PULLED BACK THROUGH PULL UP TO 11389' WORK THROUGH TIGHT SPOT 2 MORE TIME TOH w 50 JTS OF TBG ABOVE LINER TOP OF TIGHT SPOT 11398' BTM 11402' SECURE WELL SDFN EOT 9800
7/2/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOC HSM WRITE AND REVIEW JSA TOPIC; WORKING WITH FISHING TOOLS
	7:00 8:00	1.00	PRDHEQ	52		P		CSIP 500 PSI TSIP 300 BLED OFF PRESSURE TIH w 50 JTS OF 2 7/8" TBG
	8:00 13:30	5.50	PRDHEQ	52		P		RU POWER SWIVEL ESTABLISH CIRC w 298 BBLS OF 2% KCL CIRC DOWN ENGAGE FISH ATTEMPT SCREW ON TO MILL SAW NO INDICATION IF SUCCESSFUL CIRC WELL CLEAN CONTINUE WORK TO SCEW ON TO MILL RD POWER SWIVEL
	13:30 17:30	4.00	PRDHEQ	52		P		TOH w 279 JTS OF 2 7/8" TBG 80 JTS OF 2 3/8" TBG LD FISH ASSEMBLY DID NOT CATCH SUB AND MILL
7/3/2011							NO ACTIVITY DOWN FOR WEEKEND	
7/4/2011							NO ACTIVITY DOWN FOR WEEKEND	
7/5/2011							NO ACTIVITY DOWN FOR THE WEEKEND	
7/6/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; WORKING WITH WIRELINE
	7:00 9:30	2.50	PRDHEQ	52		P		CSIP 700 PSI BLED OFF PRESSURE

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	9:30 15:30	6.00	PRDHEQ	52		P		RU WIRELINE TIH w 3 1/8" COLLAR LOCATOR TAG AT 11388' WIRELINE MD TOH...PU 3" IMPRESSION BLOCK TAG AT 11388' WIRELINE MD TOH...TIH w 1 11/16" COLLAR LOCATOR TAG AT 11388' WIRELINE MD RD WIRELINE
	15:30 18:30	3.00	PRDHEQ	52		P		PU 2 3/8" NOTCH COLLAR TIH w 80 JTS OF 2 3/8" TBG 236 JTS OF 2 7/8" TBG EOT 10037' SECURE WELL SDFN

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP		8. WELL NAME and NUMBER: EL PASO 4-29B5
3. ADDRESS OF OPERATOR: 1001 Louisiana St. , Houston, TX, 77002		9. API NUMBER: 43013502080000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1050 FSL 0850 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 29 Township: 02.0S Range: 05.0W Meridian: U		9. FIELD and POOL or WILDCAT: ALTAMONT
		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER: <input style="width: 50px;" type="text"/>	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:		
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/7/2011		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Final Report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 10/7/2011	

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	9:30 15:30	6.00	PRDHEQ	52		P		RU WIRELINE TIH w 3 1/8" COLLAR LOCATOR TAG AT 11388' WIRELINE MD TOH...PU 3" IMPRESSION BLOCK TAG AT 11388' WIRELINE MD TOH...TIH w 1 11/16" COLLAR LOCATOR TAG AT 11388' WIRELINE MD RD WIRELINE
	15:30 18:30	3.00	PRDHEQ	52		P		PU 2 3/8" NOTCH COLLAR TIH w 80 JTS OF 2 3/8" TBG 236 JTS OF 2 7/8" TBG EOT 10037' SECURE WELL SDFN
7/7/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RU POWER SWIVEL
	7:00 7:30	0.50	PRDHEQ	52		P		CSIP 500 PSI BLED OFF WELL
	7:30 8:30	1.00	PRDHEQ	52		P		FINISH TIH w 44 JTS OF 2 7/8" TBG TAG AT 11401' TBG TALLY
	8:30 14:30	6.00	PRDHEQ	52		P		RIG UP POWER SWIVEL ESTABLISH CIRC w 400 BBLS OF 2% KCL CIRC DOWN WITH NOTCH COLLAR TO 11403' CIRC LARGE PEACES OF CEMENT & OR FORMATION? TO FLATE TANK WORK TO KEEP FROM PLUGGING OFF TBG CONTINUE TO ATTEMPT TO C/O WELL
	14:30 15:00	0.50	PRDHEQ	52		C		TBG PARTED AT SURFACE SECURE WELL REWRITE AND REVIEW JSA...LAY DOWN TOP JT RD POWER SWIVEL PU 1JT OF 2 7/8" TBG SCREW INTO 2 7/8" TBG RETRIEVE 2 7/8" TGB
	15:00 19:30	4.50	PRDHEQ	52		P		TOH w 280 JTS OF 2 7/8" TBG 80 JTS OF 2 3/8" TBG LAY DOWN 5 CORK SCREWED JTS OF 2 3/8" TBG SECURE WELL SDFN
7/8/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PUMP AND LINES PRESSURE
	7:00 8:00	1.00	PRDHEQ	52		P		CSIP 500 PSI OPEN WELL BLED OFF PRESSURE UNPLUG PUMP LINES
	8:00 11:30	3.50	PRDHEQ	52		P		TALLY 5 BAD JTS OF 2 3/8" TBG TALLY 5 NEW JTS OF 2 3/8" TBG...PU 2 3/8" NOTCH COLLAR TIH w 80 JTS OF 2 3/8" TBG 280 JTS OF 2 7/8" TBG TAG AT 11401'
	11:30 17:30	6.00	PRDHEQ	52		P		RU POWER SWIVEL ESTABLISH CIRC WITH 200 BBLS OF 2% KCL WTR C/O TO 11404' CIRC UP FRAC SAND & LARGE PEACES OF FORMATION CIRC CLEAN
	17:30 18:30	1.00	PRDHEQ	52		P		RD POWER SWIVEL TOH w 43 JTS OF 2 7/8" TBG EOT 10046' SECURE WELL SDFN
7/9/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TBG
	7:00 8:30	1.50	PRDHEQ	52		P		CSIP 500 PSI BLED OFF WELL TIH w 43 JTS OF 2 7/8" TBG TAG AT 11402' LOST 2FT OVER NIGHT
	8:30 13:30	5.00	PRDHEQ	52		P		RU POWER SWIVEL ESTABLISH CIRC w 150 BBLS OF 2% KCL WTR C/O TO 11404' ATTEMPT TO C/O DEEPER FAILED CIRC CLEAN RD POWER SWIVEL
	13:30 17:30	4.00	PRDHEQ	52		P		TOH w 280 JTS OF 2 7/8" TBG 80 JTS OF 2 3/8" LAY DOWN NOTCH COLLAR AND LARGE PEACES OF FORMATION
	17:30 18:30	1.00	PRDHEQ	52		P		PU 3 3/4" JUNK MILL w STRING MILL CROSSOVER 2 3/8" REG X 2 3/8" PAC 3 1/8" BUMPER SUB 3 1/8" JAR 6-3 1/16" DRILL COLLARS CROSSOVER 2 3/8" EUE 8RD X 2 3/8" REG
	18:30 19:30	1.00	PRDHEQ	52		P		SIH w 74 JTS OF 2 3/8" TBG 2 JTS OF 2 7/8" TBG SECURE WELL SDFN
7/10/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIGGING UP POWER SWIVEL
	7:00 10:30	3.50	PRDHEQ	52		P		CSIP 500 PSI BLED OFF PRESSURE CONTINUE TIH w 278 JTS OF 2 7/8" TBG TAG 11401' LOST 3'
	10:30 12:00	1.50	PRDHEQ	52		P		RU POWER SWIVEL ESABLISH CIRC w 250 BBLS OF 2% KCL WTR

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	12:00 18:30	6.50	PRDHEQ	52		P		TAG AT 11401' C/O TO 11404' UNABLE TO GET ANY DEEPER THEN 11404' EVERY TIME WE ATTEMPT TO GET DEEPER WE LOSE CIRC...TRY INCREESING PMP RATE PMP POLYAMOR SWEEPS ATTEMPT TO DRILL WITH OUT CIRC FOR 5 TO 10 MINS AND THEN PU RE-ESTABLISH CIRC STILL UNABLE TO GET DEEPER...PU CIRC WELL CLEAN
	18:30 19:30	1.00	PRDHEQ	52		P		RD POWER SWIVEL TOH w 42 JTS OF 2 7/8" TBG ABOVE LINER TOP EOT 10055' SECURE WELL SDFN
7/11/2011								NO ACTIVITY DOWN FOR WEEKEND
7/12/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIGGING UP POWER SWIVEL
	7:00 9:00	2.00	PRDHEQ	52		P		CSIP 700 PSI TSIP ON VACUUM BLED OFF PRESSURE...REPAIRE BRAKES ON RIG
	9:00 18:30	9.50	PRDHEQ	52		P		TIH w 42 JTS OF 2 7/8" TBG TAG AT 11403' ESTABLISH CIRC w 260 BBLS OF 2% KCL C/O DOWN TO 11404' RECOVER METAL SHAVINGS IN RETURNS...LOSE 1 FT OF HOLE BACK TO 11403' CIRC WELL CLEAN
	18:30 19:30	1.00	PRDHEQ	52		P		RD POWER SWIVEL TOH w 42 JTS OF 2 7/8" TBG ABOVE LINER TOP EOT 10055' SECURE WELL SDFN
7/13/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TUBING
	7:00 7:30	0.50	PRDHEQ	52		P		CSIP 500 PSI TSIP ON VACUUM BLED OFF WELL
	7:30 12:00	4.50	PRDHEQ	52		P		TOH w 279 JTS OF 2 7/8" TBG 80 JTS OF 2 3/8" TBG LAY DOWN C/O ASSEMBLY...LOSE BTM 2' EXTENSION AND 3 1/2" MILL
	12:00 14:00	2.00	PRDHEQ	52		P		WAIT ON FISHING TOOLS
	14:00 14:30	0.50	PRDHEQ	52		P		PU 3 3/4" OVERSHOT w 2 1/4" BASKET GRAPPLE & CONTROLL 3 1/8" BUMPER SUB 3 1/8" JAR 6-3 1/16" DRILL COLLARS CROSSOVER 2 3/8" EUE X 2 3/8" REG
	14:30 18:00	3.50	PRDHEQ	52		P		TIH w 80 JTS OF 2 3/8" TBG 237 JTS OF 2 7/8" TBG EOT 10055' SECURE WELL SDFN
7/14/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; LANDYARDS
	7:00 8:30	1.50	PRDHEQ	52		P		CSIP 200 PSI TSIP 200 PSI BLED OFF PRESSURE TIH w 42 JTS OF 2 7/8" TBG TAG 11399'
	8:30 11:30	3.00	PRDHEQ	52		P		RU POWER SWIVLE ESTABLISH CIRC w 280 BBLS OF 2% KCL WTR ENGAGE FISH
	11:30 16:30	5.00	PRDHEQ	52		P		TOH w 279 JTS OF 2 7/8" TBG 74 JTS OF 2 3/8" TBG STAND BACK 6-3 1/16" COLLARS DID NOT HAVE FISH (MILL w EXTENSION) SECURE WELL SDFN
7/15/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PINCH POINTS
	7:00 13:00	6.00	PRDHEQ	52		P		CSIP 500 PSI BLED OFF WELL SECURE WELL WAIT ON FISHING TOOLS
	13:00 13:30	0.50	PRDHEQ	52		P		PU 3 5/8" BOX TAPERED TAP 3 1/8" BUMPER SUB 3 1/8" JAR 6-3 1/16" DRILL COLLARS CROSSOVER 2 3/8" EUE X 2 3/8" REG
	13:30 17:00	3.50	PRDHEQ	52		P		TIH w 74 OF 2 3/8" 237 JTS OF 2 7/8" TBG EOT 10055' SECURE WELL SDFN
7/16/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIGGING UP POWER SWIVEL
	7:00 8:00	1.00	PRDHEQ	52		P		CSIP 400 PSI TSIP 400 PSI BLED OFF PRESSURE TIH w 42 JTS OF 2 7/8" TBG TAG AT 11397'
	8:00 11:00	3.00	PRDHEQ	52		P		RU POWER SWIVEL ESTABLISH CIRC w 350 BBLS OF 2% KCL CIRC DOWN TO FISH TOP AT 11401' CIRC TBG CLEAN ROTATE DOWN TO 11402' TORQUE UP ON WITH POWER SWIVEL LOST CIRC CONTINUE WORK TORQUE RD POWER SWIVEL

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	11:00 11:30	0.50	PRDHEQ	52		P		TOH w 36 JTS OF 2 7/8" TBG PULLING WET TBG WHEN ON VACUUM
	11:30 12:30	1.00	PRDHEQ	52		P		TIH w 36 JTS OF 2 7/8" TBG TAG AT 11401' TORQUE UP TBG WITH TONGES
	12:30 16:00	3.50	PRDHEQ	52		P		TOH w 279 JTS OF 2 7/8" TBG 74 JTS OF 2 3/8" TBG DID NOT RECOVER MILL...OUTSIDE OF TAP HAS GROVES CUT INTO IT INSIDE OF TAP LOOKS UNTOUCHED
	16:00 19:30	3.50	PRDHEQ	16		P		ND 10K BOPE NU 5K BOPE SECURE WELL SDFN
7/17/2011								NO ACTIVITY DOWN FOR WEEKEND
7/18/2011								NO ACTIVITY DOWN FOR WEEKEND
7/19/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; LAYING DOWN DRILL COLLARS
	7:00 9:00	2.00	PRDHEQ	45		P		CSIP 700 PSIBLED OFF PRESSURE TIH w 6- DRILL COLLARS AND 80 JTS OF 2 3/8" TBG
	9:00 10:30	1.50	PRDHEQ	45		P		TOH LAYING DOWN 2 3/8" AND DRILL COLLARS
	10:30 14:30	4.00	PRDHEQ	45		P		TIH w 310 JTS OF 2 7/8" TBG EOT 9862'
	14:30 17:30	3.00	PRDHEQ	16		P		RIG DOWN FLOOR NIPPLE DOWN BOPE'S NIPPLE UP WELLHEAD PUMP 50 BBLs OF BIOCIDES WITH SCALE INHIBITOR DOWN TBG SECURE WELL
	17:30 19:00	1.50	RDMO	45		P		RIG DOWN PUMP & LINES RDMO SIDE OFF LOCATION
8/23/2011	6:00 10:00	4.00	MIRU	28		P		MOVE RIG TO LOCATION. HOLD SAFETY MEETING ON RIGGING UP. FILL OUT & REVIEW JSA. MOVE RIG TO LOCATION
	10:00 12:00	2.00	MIRU	01		P		RU RIG
	12:00 13:00	1.00	PRDHEQ	28				HOLD EL PASO SAFETY ORIENTATION W/ CREW
	13:00 17:00	4.00	PRDHEQ	16		P		BLOW DOWN WELL. ND BOP. NU BOP. SPOT PUMP TANK & CATWALK
	17:00 19:00	2.00	PRDHEQ	39		P		TOOH W/ 160 JTS 2-7/8"EUE TBG. SDFN
8/24/2011	6:00 7:30	1.50	PRDHEQ	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING TBG. FILL OUT & REVIEW JSA
	7:30 16:00	8.50	PRDHEQ	39		P		TOOH W/ 150 JTS 2-7/8"EUE TBG. TIH W/ 2-3/8" MULE SHOE JT, 50 JTS 2-3/8"EUE TBG, X-OVER & 268 JTS 2-7/8"EUE TBG.
	16:00 18:30	2.50	PRDHEQ	18		P		RU PUMPS & LINES. PREP TO CIRCULATE WELL
8/25/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING TUBING AND RU POWER SWIVEL
	7:30 8:00	0.50	WBP	39		P		RIH W/ 20 JTS 2 7/8 N-80 EUE TBG, EOT @ 11393'
	8:00 10:30	2.50	WBP	18		P		RU POWER SWIVEL AND PUMP LINES.
	10:30 17:00	6.50	WBP	06		P		PUMPED 1200 BBLs 2% KCL GOT CIRCULATION PUMPING 9 BPM RETURNING 1.5 BBLs, TAGGED @ 11403' TRIED TO WORK MULE SHOE THRU BAD CSG UNABLE TO MAKE HOLE RETURNING BIG PIECES OF FORMATION AND FRAC SAND.
	17:00 18:00	1.00	WBP	06				CIRCULATE TBG CLEAN
	18:00 19:00	1.00	WBP	39				RD POWER SWIVEL TOOH W/ 21-JTS 2 7/8 N-80 EUE TBG. SECURED WELL SDFN.
8/26/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING TUBING AND OVERHEAD HAZARDS. FILLED OUT JSA
	7:30 8:00	0.50	WBP	39		P		RIH W/ 41-JTS 2 7/8 N-80 EUE TBG
	8:00 9:30	1.50	WBP	06		P		RU POWER SWIVEL PUMPED 450 BBLs 2%KCL GOT CIRCULATION PUMPING 9.75 BPM RETURNING @ 2BPM.
	9:30 12:00	2.50	WBP	10		P		TAGGED @ 11403' TRIED TO WORK MULE SHOE JT IN BAD CSG. UNABLE TO MAKE HOLE RETURNING FORMATION AND FRAC SAND. WOULD PRESSURE UP WHEN SET DOWN ON MULE SHOE. TURNED MULE SHOE AND WORKED UP AND DOWN SITTING 4000 DOWN SEVERAL TIMES. STILL UNABLE TO MAKE HOLE
	12:00 13:00	1.00	WBP	06		P		CIRCULATE TBG CLEAN W/ 540 BBLs

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	13:00 17:00	4.00	WBP	39		P		RD POWER SWIVEL TOO H W/ 309 JTS 2 7/8 N-80 EUE TBG. X-OVER 50-JTS 2 3/8 N-80 EUE TBG AND MULE SHOE JT,
	17:00 19:00	2.00	WBP	39		P		RIH W/ 3 3/4 ROCK BIT, BIT SUB, 50-JTS 2 3/8 N-80 EUE TBG, X-OVER, 2- JTS 2 7/8 N-80 EUE TBG EOT @ 1651' SECURED WELL CLEANED UP LOCATION SDFN.
8/27/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING PUMPING PRESSURE AND WASHINGTON HEAD
	7:30 10:30	3.00	WBP	39		P		CONTINUED RIH W/ 308 JTS 2 7/8 N-80 EUE TBG TTL OF 310 JTS 2 7/8.
	10:30 12:00	1.50	WBP	06		P		RU POWER SWIVEL, PUMPED 450 BBLS GOT CIRC.
	12:00 16:30	4.50	WBP	10		P		TAGGED @ 11403' MADE 1' IN 2 HOURS RETURNING FORMATION AND SMALL PIECES OF METAL , TUBING STARTED TO PRESSURE UP WHEN SITTING DOWN ON BTM, CONTINUED DRILLING FOR 1 HR UNABLE TO MAKE HOLE CIRC TUBING CLEAN.RACKED OUT POWER SWIVEL.
	16:30 18:00	1.50	WBP	39		P		TOOH W/ 104-JTS 2 7/8 N-80 EUE TBG EOT @ 8127 SECURED WELL SDFN.
8/28/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING TUBING AND TUBING TONGS.
	7:30 12:00	4.50	WBP	39		P		50 CSIP OTSIP, BLED DOWN WELL CONTINUED TOO H W/ 206 JTS 2 7/8 N-80 EUE TBG X-OVER 50-JTS 2 3/8 N-80 EUE TBG,BIT SUB AND BIT. SEEN NO WEAR MARKS ON BIT OR TUBING. SERVICED RIG SECURED WELL SDFN.
8/29/2011								NO ACTIVITY
8/30/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL AND SAFETY MEETING (PROPER BODY POSITIONING)
	7:30 10:30	3.00	WBP	42		P		FIND 1 1/4" MT DRILL PIPE AND WAIT FOR PREP AND DELEVERY
	10:30 14:30	4.00	WBP	39				PICK UP 1 JT 1 1/4" MT DRILL PIPE CONVERTED TO MULE SHOE, (29.44), XOVER (1 1/4" MT X 2 3/8" EUE. (.85')) AQND TRIP IN HOLE WITH 50 JOINTS 2 3/8" EUE WORK STRING, 2 3/8" X 2 7/8" EUE XOVER, AND 260 JOINTS 2 7/8" EUE TUBING. END OF TUBING AT 10,092'
	14:30 15:00	0.50	WBP	18		P		SHUT WELL IN AND PREPARE TO FINISH TRIPPING IN HOLE AND BREAK CIRCULATION
8/31/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY ON TRIPPING TUBING AND OVERHEAD HAZARDS. FILLED OUT JSA.
	7:30 8:30	1.00	WBP	39		P		CONTINUED RIH W/ 43-JTS 2 7/8 N-80 EUE RU POWER SWIVEL.
	8:30 18:00	9.50	WBP	06		P		PUMPED 450 BBLS DOWN TBG GOT CIRC. WORKED 1 1/4" SPEAR WOULD STACK OUT AND LOSE CIRCULATION BETWEEN 11401' AND 11403'. WAS ABLE TO WORK MULE SHOE DOWN TO 11411' TWICE. CIRCULATED OUT FRAC SAND AND SMALL PIECES OF FORMATION CIRCULATE WELL CLEAN FOR 3 HRS.
	18:00 20:30	2.50	WBP	39		P		STOPPED PUMPING TUBING WAS STUCK, WORKED TUBING FREE TOO H W/ 53-JTS 2 7/8 N-80 TUBING SECURED WELL SDFN.
9/1/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING TUBING AND PINCH PIONTS FILLED OUT JSA.
	7:30 11:30	4.00	WBP	39		P		CONTINUED TOO H W/ 255-JTS 2 7/8 N-80 EUE, X-OVER 50-JTS 2 3/8 N-80 EUE TBG, X-OVER AND 1-JT 1 1/4MT DRILL PIPE W/ MOLE SHOE.
	11:30 16:00	4.50	WBP	42		P		WAIT ON TUBING AND X-OVER.
	16:00 19:00	3.00	TIEB3	39		P		RIH W/ MULE SHOE JT 1 1/4 MT DRILLPIPE, 1-JT 1 1/4" MT DRILL PIPE,X-OVER RU HYDROTESTER RIH HYDRO TESTING 50- JTS 2 3/8 DSS FOUND NO LEAKS RD HYDROTESTER, CONTINUED RIH W/ X-OVER AND 10-JTS 2 7/8 N-80 EUE TBG. EOT 2185' SECURED WELL SDFN.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
9/2/2011	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA (TRIP HAZARDS)
	6:00 7:30	1.50	PRDHEQ	28		P		CREW TRAVEL & SFTY MTG JSA REV (TRIP HAZARDS)
	7:30 10:30	3.00	PRDHEQ	39		P		RIH W/ 303 JTS 2-7/8" 8RD EUE TBG
	7:30 10:30	3.00	PRDHEQ	17		P		SICP & SITP 200 PSI BLOW DWN WELL CONT TIH W/ 303 JTS 2 7/8" TBG
	10:30 11:30	1.00	PRDHEQ	18		P		RU PWR SWVL
	10:30 11:30	1.00	PRDHEQ	18		P		RU POWER SWIVEL
	11:30 15:30	4.00	PRDHEQ	40		P		BREAK CIRCULATION W/ 450 BBLS, TAG @ 11,398' WASH DOWN TO 11,407'. (COULDN'T MAKE ADDITIONAL HOLE)
	11:30 17:30	6.00	INSTUB	10		P		BREAK CIRC W/ 450 BBLS TAG @ 11398' WASH DWN TO 11407' COULDN'T GET NO DEEPER CIRC HOLE CLEAN SWIVEL DWN 4 JTS (FIRST 3 JTS DRUG OUT) RD POWER SWIVEL
	15:30 19:00	3.50	PRDHEQ	40		P		CIRCULATE CLEAN SWVL OUT W/ 4 JTS, (1ST 3 DRAGGING) RD PWR SWVL POOH W/ 38 JTS, TBG STARTED PULLING WET. COOH W/ 42 JTS 2-7/8" 8RD EUE , SWIFN CSDFN CT.
17:30 19:00	1.50	PRDHEQ	39		P		POOH W/ 38 JTS 2 7/8 TBG STARTED PULLING WET CONT POOH W/ 42 JNTS SWIFN	
9/3/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL SAFETY MEETING ON TRIPPING WET STRING AND SLICK RIG FLOOR. FILLED OUT JSA
	7:30 12:30	5.00	WBP	39		P		TUBING STILL PULLING WET. TOOH W/ 226-JTS 2 7/8 N-80 EUE, X-OVER, 50-JTS 2 3/8 DSS, X-OVER, 2-JTS 1 1/4 MT DRILL PIPEMULE SHOE ON BTM WAS BENT 5' UP AND THE BTM JT OF 2 3/8 WAS PLUGGED WITH FRAC SAND AND SMALL PIECES OF FORMATION.
	12:30 17:00	4.50	WBP	39		P		RIH W/ 3 3/4 CONCAVE INSERT MILL, BIT SUB,X-OVER, 10JTS 2 3/8 P-110 PH6,X-OVER,40-JTS 2 3/8 N-80 EUE,X-OVER, XOVER,JARS, 1-JT 2 7/8 N-80 X-OVER, INTENSIFIER,X-OVER. AND 256-JTS 2 7/8 EUE TBG. EOT @ 9783, SECURED WELL SDFN
9/4/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON POWER SWIVEL FILLED OUT JSA.
	7:30 10:30	3.00	WBP	39		P		RIH W/ 52 -JTS 2 7/8 N-80 EUE RU POWER SWIVEL.
	10:30 17:30	7.00	WBP	10		P		REVERSED CIRCULATED W/ 450 BBLS BROKE CIRCULATION. TAGGED FILL @ 11377' WASHED DOWN TO 11396' STARTED MILLING ON IRON PUMPING 5.5 BPM RETURNING 3.5 BPM. MADE 7" CIRCULATE TUBING CLEAN,
	17:30 18:30	1.00	WBP	39		P		RACKED OUT POWER SWIVEL. TOOH W/ 50-JTS 2 7/8 N-80 EUE TBG, SECURED WELL SDFN.
9/5/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON DRILLING AND PUMPING PRESSURE. FILLED OUT JSA.
	7:30 8:30	1.00	WBP	39		P		RIH W/ 50-JTS 2 7/8 N-80 EUE TBG, RU POWER SWIVEL
	8:30 14:30	6.00	WBP	18		P		REVERSED CIRC W/ 575 BBLS BROKE CIRCULATION STARTED MILLING @ 11396' MADE 3' DOWN TO 11399' DIDN'T SET WEIGHT DOWN JUST USED TORQUE.RETURNING IRON CUTTINGS.STARTED GETTING A LOT OF SHALE.
	14:30 17:00	2.50	WBP	06		P		CIRCULATE SHALE OFF BTM FOR 2 HRS, PICKED UP ON TUBING CIRCULATE TBG CLEAN.
	17:00 18:00	1.00	WBP	39				RACKED OUT POWER SWIVEL. TOOH W/ 51-JTS 2 7/8 N-80 EUE TBG. SECURED WELL SDFN
9/6/2011							NO ACTIVITY	
9/7/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING TUBING AND TUBING TONGS. FILLED OUT JSA
	7:30 12:00	4.50	TIEB3	39		P		TOOH W/ 258-JTS 2 7/8 N-80, INTENSIFIER, 1-JT 2 7/8 N-80, JAR, 40-JTS 2 3/8 N-80 EUE, 10 JTS 2 3/8 P-110 PH6, BIT SUB AND 3 3/4" MILL. MILL WAS WORE 1/2" ON OUTER EDGE

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	12:00 15:30	3.50	WBP	39		P		RIH W/ 3 3/4 CONCAVE INSERT MILL, BIT SUB,X-OVER, 10JTS 2 3/8 P-110 PH6,X-OVER,40-JTS 2 3/8 N-80 EUE,X-OVER, XOVER,JARS, 1-JT 2 7/8 N-80 X-OVER, INTENSIFIER,X-OVER. AND 256-JTS 2 7/8 EUE TBG. EOT @ 9783, SECURED WELL SDFN
9/8/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON RIH W/ TUBING AND POWER SWIVEL FILLED OUT JSA.
	7:30 8:30	1.00	WBP	39		P		RIH W/ 51-JTS 2 7/8 N-80 EUE TBG, RU POWER SWIVEL
	8:30 18:30	10.00	WBP	18		P		REVERSED CIRC W/ 400 BBLS BROKE CIRCULATION STARTED MILLING @ 11399' MADE 4.5' DOWN TO 11404.5' DIDN'T SET WEIGHT DOWN JUST USED TORQUE.RETURNING A LITTLE IRON CUTTINGS AND A LOT OF SHALE STARTED GETTING MORE IRON @ 11404.5 CIRC TUBING CLEAN.
	18:30 18:30	0.00						RACKED OUT POWER SWIVEL. TOOH W/ 51-JTS 2 7/8 N-80 EUE TBG. SECURED WELL SDFN
9/9/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON TUBING TONGS AND PINCH POINTS.FILLED OUT JSA
	7:30 8:30	1.00	WBP	39		P		RIH W/ 51-JTS 2 7/8 N-80 EUE TBG, RU POWER SWIVEL
	8:30 17:00	8.50	WBP	18		P		REVERSED CIRC W/ 600 BBLS BROKE CIRCULATION STARTED MILLING @ 11403' DOWN TO 11406' DIDN'T SET WEIGHT DOWN JUST USED TORQUE.RETURNING A LITTLE IRON CUTTINGS AND A LOT OF SHALE. WORKED TUBING THRU THERE SEVERAL TIMES. CIRC TUBING CLEAN
	17:00 18:00	1.00	WBP	39		P		RACKED OUT POWER SWIVEL. TOOH W/ 51-JTS 2 7/8 N-80 EUE TBG. SECURED WELL SDFN
9/10/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON ELEVATORS AND INSPECTING EQUIPMENT. FILLED OUT JSA.
	7:30 8:30	1.00	WBP	39		P		RIH W/ 51-JTS 2 7/8 N-80 EUE TBG, RU POWER SWIVEL
	8:30 14:00	5.50	WBP	18		P		REVERSED CIRC W/ 600 BBLS BROKE CIRCULATION STARTED MILLING @ 11402' DOWN TO 11404' DIDN'T SET WEIGHT DOWN JUST USED TORQUE. UNABLE TO GET PAST 11404' AS SOON AS WE SET DOWN CSG WOULD PRESSURE UP.RETURNING A LITTLE FRAC SAND AND SHALE. WORKED TUBING SEVERAL TIMES. CIRC TUBING CLEAN
	14:00 18:00	4.00	WBP	39		P		TOOH W/ TUBING AND MILL 2 PORTS ON MILL WERE PLUGGED THIRD ONE WAS PARTIALLY PLUGGED. SECURED WELL SDFN.
9/11/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING TUBING AND BODY POSITIONING. FILLED OUT JSA.
	7:30 11:30	4.00	WBP	39		P		RIH W/ 3 3/4 CONCAVE INSERT MILL, BIT SUB,X-OVER, 10JTS 2 3/8 P-110 PH6,X-OVER,40-JTS 2 3/8 N-80 EUE,X-OVER, XOVER,JARS, 1-JT 2 7/8 N-80 X-OVER, INTENSIFIER,X-OVER. AND 308-JTS 2 7/8 EUE TBG. EOT @ 11389'. RRU POWER SWIVEL
	11:30 17:30	6.00	WBP	18		P		REVERSED CIRC W/ 600 BBLS BROKE CIRCULATION PUMPING 8 BPM RETURNING 1BPM. WASHED FROM @ 11402' DOWN TO 11405 RETURNING FRAC SAND AND SHALE. DRILLED FROM 11405 TO 11406' DIDN'T SET WEIGHT DOWN JUST USED TORQUE. UNABLE TO GET PAST 11406' .RETURNING A LITTLE FRAC SAND AND SHALE AND A LITTLE IRON CUTTING. WORKED TUBING SEVERAL TIMES. CIRC TUBING CLEAN
	17:30 18:30	1.00	WBP	39		P		RACKED OUT POWER SWIVEL. TOOH W/ 51-JTS 2 7/8 N-80 EUE TBG. SECURED WELL SDFN
9/12/2011							NO ACTIVITY	
9/13/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON POWER SWIVEL AND BODY POSITIONING. FILLED OUT JSA.
	7:30 8:30	1.00	WBP	06		P		PUMPED 60 BBLS DOWN TBG NO PRESSURE.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	8:30 9:30	1.00	WBP	39		P		RIH W/ 51-JTS 2 7/8 N-80 EUE TBG RU POWER SWIVEL.
	9:30 12:00	2.50	WBP	06		P		REVERSED CIRCULATE W/ 540 BBLs BROKE CIRCULATION. RU ACID TRUCK PUMPED 2 DRUMS OF ACID AND 52 BBLs DOWN TBG SHUT WELL IN FOR 1/2 HR.
	12:00 18:00	6.00	WBP	18		P		REVERSED CIRC W/ 640 BBLs BROKE CIRCULATION PUMPING 8 BPM RETURNING 1BPM. WASHED FROM @ 11404' DOWN TO 11407' DIDN'T SET WEIGHT DOWN JUST USED TORQUE. UNABLE TO GET PAST 11407' .RETURNING A LITTLE FRAC SAND AND SHALE AND A LITTLE IRON CUTTING. WORKED TUBING SEVERAL TIMES. CIRC TUBING CLEAN
	18:00 19:00	1.00	WBP	39		P		RACKED OUT POWER SWIVEL. TOOH W/ 51-JTS 2 7/8 N-80 EUE TBG. SECURED WELL SDFN
9/14/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING TUBING AND PUMPING PRESSURE. FILLED OUT JSA.
	7:30 8:30	1.00	WBP	39		P		RIH W/ 51-JTS 2 7/8 N-80 EUE TBG RU POWER SWIVEL.
	8:30 10:00	1.50	WBP	06		P		PUMPED 2 DRUMS OF 15% HCL ACID DOWN TUBING DISPLACED TO EOT W/ 52 BBLs 2% KCL. SHUT WELL IN FOR 45 MINS.
	10:00 18:00	8.00	WBP	10		P		REVERSED CIRC W/ 640 BBLs BROKE CIRCULATION PUMPING 8 BPM RETURNING 1BPM. WASHED FROM @ 11401' DOWN TO 11405'. DRILLED FROM 11405 TO 11408 SET 3000 LBS DOWN @ 11408'. WAS ABLE TO GO TO 11409' .RETURNING A LITTLE FRAC SAND, SHALE AND IRON CUTTINGS. WORKED TUBING SEVERAL TIMES. CIRC TUBING CLEAN
	18:00 19:00	1.00	WBP	39		P		RACKED OUT POWER SWIVEL. TOOH W/ 51-JTS 2 7/8 N-80 EUE TBG. SECURED WELL SDFN
9/15/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING TUBING AND OVERHEAD HAZARDS. FILLED OUT JSA
	7:30 11:30	4.00	WBP	39		P		TOOH W/ 258-JTS 2 7/8 N-80, INTENSIFIER, 1-JT 2 7/8 N-80, JAR, 40-JTS 2 3/8 N-80 EUE, 10 JTS 2 3/8 P-110 PH6, BIT SUB AND 3 3/4" MILL. MILL WAS WORE ON OUTER EDGE.
	11:30 15:30	4.00	WBP	39		P		RIH W/ 3 3/4 CONCAVE INSERT MILL, BIT SUB,X-OVER, 10JTS 2 3/8 P-110 PH6,X-OVER,40-JTS 2 3/8 N-80 EUE,X-OVER, XOVER,JARS, 1-JT 2 7/8 N-80 X-OVER, INTENSIFIER,X-OVER. AND 258-JTS 2 7/8 EUE TBG. SECURED WELL SDFN.
9/16/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL. HELD SAFETY MEETING ON POWER SWIVEL.FILLED OUT JSA.
	7:30 9:00	1.50	WBP	39		P		RIH W/ 51-JTS 2 7/8 N-80 EUE TBG. RU POWER SWIVEL
	9:00 18:30	9.50	WBP	10		P		REVERSED CIRC W/ 600 BBLs BROKE CIRCULATION PUMPING 8 BPM RETURNING 1BPM. TAGGED 11405'. WAS ABLE TO GO TO 11409'. PICKED UP ON TBG UNABLE TO GET PAST 11405' CSG WOULD PRESSURE UP.PUMPED DOWN TBG UNPLUGGED MILL. WORKED TUBING WAS ABLE TO GET TO 11407' RETURNING A LOT OF SHALE. CIRC TUBING CLEAN
	18:30 19:30	1.00	WBP	39		P		RACKED OUT POWER SWIVEL. TOOH W/ 51-JTS 2 7/8 N-80 EUE TBG. SECURED WELL SDFN
9/17/2011	6:00 7:30	1.50	PRDHEQ	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING TUBING AND PUMPING PRESSURE. FILLED OUT JSA.
	7:30 8:30	1.00	PRDHEQ	06		P		PUMPED 4 DRUMS OF 15% HCL ACID DOWN TUBING DISPLACED TO EOT W/ 52 BBLs 2% KCL. SHUT WELL IN FOR 45 MINS.
	8:30 17:00	8.50	PRDHEQ	10		P		REVERSED CIRC W/ 500 BBLs BROKE CIRCULATION PUMPING 8 BPM RETURNING 1BPM. WASHED FROM @ 11405' DOWN TO 11409'. DRILLED FROM 11405 TO 11408 RETURNING A LITTLE FRAC SAND, SHALE AND LITTLE IRON CUTTINGS. WORKED TUBING SEVERAL TIMES. CIRC TUBING CLEAN

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	17:00 18:00	1.00	PRDHEQ	39		P		RACKED OUT POWER SWIVEL. TOOH W/ 51-JTS 2 7/8 N-80 EUE TBG. SECURED WELL SDFN
9/18/2011	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON POWER SWIVEL AND BODY POSITIONING. FILLED OUT JSA
	7:30 8:30	1.00	WBP	39		P		RIH W/ 51-JTS 2 7/8 N-80 EUE TBG. RU POWER SWIVEL
	8:30 10:00	1.50	WBP	06		P		PUMPED 4 DRUMS OF 15% HCL ACID DOWN TUBING DISPLACED TO EOT W/ 52 BBLs 2% KCL. SHUT WELL IN FOR 45 MINS.
	10:00 17:30	7.50						REVERSED CIRC W/ 600 BBLs BROKE CIRCULATION PUMPING 8 BPM RETURNING 1BPM. TAGGED @ 11406' DRILLED DOWN TO 11407.5'. LOST CIRCULATION PLUGGED TBG PUMPED DOWN TBG @ 2500 PSI UNPLUGGED TBG. INCREASED RATE TO 10.5 BPM PUMPED 300 BBLs GOT CIRCULATION. PUMPING 10.5 BPM AND RETURNING 1.25 BPM. CONTINUED DRILLING. TAGGED @ 11407 MADE IT TO 11408. RETURNING A LITTLE SHALE. WORKED TUBING SEVERAL TIMES FROM 11406 TO 11408 TBG KEEP PLUGGING UP. CIRC TUBING CLEAN
	17:30 18:30	1.00						RACKED OUT POWER SWIVEL. TOOH W/ 51-JTS 2 7/8 N-80 EUE TBG. SECURED WELL SDFN
9/19/2011								NO ACTIVITY
9/20/2011	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA (POWER SWIVEL OPERATIONS)
	8:00 16:30	8.50	PRDHEQ	06		P		REVERSED CIRC W/ 1600 BBLs BROKE CIRCULATION PUMPING 10.5 BPM RETURNING 1BPM. TAGGED @ 11405' DRILLED DOWN TO 11407'. FIGHTING TO KEEP CIRCULATION THROUGH OUT DAY. RETURNS LOTS OF FORMATION, LITTLE METAL, LOST 3800 BLS FOR DAY.
	16:30 18:30	2.00	PRDHEQ	39		P		CIRCULATE CLEAN PULL ABOVE LINER.
9/21/2011	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA (PULLING TUBING)
	7:30 11:30	4.00	PRDHEQ	39		P		COOH W/ 258-JTS 2 7/8 N-80, INTENSIFIER, 1-JT 2 7/8 N-80, JAR, 40-JTS 2 3/8 N-80 EUE, 10 JTS 2 3/8 P-110 PH6, BIT SUB AND 3 3/4" MILL. MILL WAS WORE ON OUTER EDGE.
	11:30 15:00	3.50	PRDHEQ	39		P		MU & RIH W/ 3-3/4" SHOE, 3-1/2" EXTENSION, TOP SUB, 10 JTS 2-3/8" PH6, X/O TO EUE, 40 JTS 2-3/8" 8RD EUE, JAR, 1 JT 2-7/8", INTENSIFIER, 258 JTS 2-7/8" 8RD EUE TBG. SWIFN CSDFN CT.
9/22/2011	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA (FOAMING UNIT OPERATIONS)
	7:30 9:30	2.00	PRDHEQ	39		P		RIH W/ 58 JTS, PU 2-8' PUP JTS SWIVEL UP W/ ADDITIONAL JT. RU GRACO FOAMING UNIT.
	9:30 13:30	4.00	PRDHEQ	06		P		BREAK CIRCULATION W/ FOAMING UNIT.
	13:30 18:30	5.00	PRDHEQ	10		P		TAG @ 11,392 CUT TO 11,394' NO TOURQUE TO 11,400' CUT TO 11,401', PLUGGED UP. PU ATTEMPT TO PUMP OUT TBG TO 3500 PSIG, NO SUCCESS. RD PWR SWVL.
	18:30 19:30	1.00	PRDHEQ	39		P		POOH W/ 58 JTS, BLOW DOWN CSG, SWIFN CSDFN CT.
9/23/2011	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA (POOH W/ TBG)
	7:30 13:00	5.50	PRDHEQ	39		P		COOH W/ 258 JTS 2-7/8", INTENSIFIER, 1 JT, JAR, 40 JTS 2-3/8" 8RD EUE, X/O, 10 JTS PH6, TOP SUB, EXTENSION, 3-3/4" SHOE. (PLUGGED W/ FORMATION ROCKS)
	13:00 17:30	4.50	PRDHEQ	39		P		RIH W/ 1-1/4" MULE SHOE, 1 JT 1-1/4" (53') X/O, 50 JTS 2-3/8" DSS, X/O, X/O, JARS, 1 JT 2-7/8", INT., 258 JTS 2-7/8" 8RD EUE TBG. SWIFN CSDFN CT.
9/24/2011	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA (POWER SWIVEL OPERATIONS)
	7:30 9:30	2.00	PRDHEQ	39		P		CIH W/ 57 JTS, 2 8" PUP JTS, 1 JT RU PWR SWVL, FOAMING UNIT PUMP & RETURN LINES.
	9:30 13:30	4.00	PRDHEQ	06		P		BREAK CIRCULATION W/ FOAMING UNIT.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	13:30 17:30	4.00	PRDHEQ	10		P		TAG @ 11,398' 11,404', 11,405' & 11,412'. 11,398' WOULD FALL THROUGH IN SEVERAL DIF POSITIONS, 11,404 MARK IN 180° WHEN FELL THROUGH WOULD GO TO 11,412' IN OPPOSITE POSITION WOULD FALL THROUGH TO 11,405'. HOW EVER ONE TIME TO 11,408'.
	17:30 19:30	2.00	PRDHEQ	39		P		PU CIRCULTE FOR 1.5 HRS, RD PWR SWIVEL POOH W/ 1 JT, 2 8' PUP JTS, 90 JTS 2-7/8" 8RD EUE TBG, SWIFN CSDFN CT.
9/25/2011	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA (LAYING DOWN TBG)
	7:30 8:30	1.00	PRDHEQ	18		P		SPOT 2ND SET OF PIPE RACKS, SORT TBG.
	8:30 15:30	7.00	PRDHEQ	39		P		POOH LAYING DOWN 226 JTS 2-7/8", INT, 1 JT, JARS, 50 JTS 2-3/8" DSS, 2 JTS 1 1/4". BTM 6' SIDES WORN. MULE SHOE WORN. NOT BENT.
	15:30 18:30	3.00	PRDHEQ	39		P		RIH & LAY DOWN TBG OUT OF DERRICK, SWIFWE CSDFWE CT.
9/26/2011								SDFWE
9/27/2011	6:00 7:30	1.50	RDMO	28		P		HELD SAFETY MEETING ON RIGGING DOWN RIG AND OVERHEAD HAZARDS.
	7:30 10:00	2.50	RDMO	18		P		ND BOPS NU WELLHEAD.
	10:00 14:30	4.50	RDMO	02		P		RACKED OUT PUMP. RD RIG CLEANED LOCATION GOT READY TO MOVE.
	14:30 17:00	2.50	MIRU	01		P		MOVED RIG TO THE 4-17C5 MOVED IN RIGGED UP.

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: EL PASO 4-29B5
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013502080000
3. ADDRESS OF OPERATOR: 1001 Louisiana St. , Houston, TX, 77002	PHONE NUMBER: 713 420-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1050 FSL 0850 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 29 Township: 02.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/27/2011	<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Set CIBP"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

El Paso had a casing breach during drill out of plugs. Tried to fish and reestablish good casing for a few months with no success. El Paso plan to plug back stages 1-5, acidize stages 6-7, and then add more perfs and proppant frac 5 more stages. See attached procedure for more details.

Approved by the Utah Division of Oil, Gas and Mining

Date: 10/27/2011

By: *Dark K. Quist*

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 10/25/2011	

El Paso 4-29B5

- Plug back Wasatch perforations from 11,402' – 12,500' and casing part at approximately 11,400' with a CIBP set at approximately 11,380' with 20' cmt set on top.
- Acidize existing Wasatch perforations above CIBP at 11,380' (10,886' - 11,355') with approximately 9000 gal 15% HCl.
- Perforate and proppant frac five additional stages from 9659' – 10,864' separated by CBPs.
- Drill out CBPs with coiled tubing unit.
- RIH w/BHA, tubing, pump, and rods.
- Clean location and resume production.

C

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

FORM 6

ENTITY ACTION FORM

Operator: El Paso E&P Company, L.P.
Address: 1001 Louisiana, Room 2730D
city Houston
state TX zip 77002

Operator Account Number: N 3065
Phone Number: (713) 420-5038

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350208	El Paso 4-29B5		SESE	29	2S	5W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	17934	17934	1/26/2011			9/27/2011	
Comments: <u>Initial Completion - Wasatch</u>			CONFIDENTIAL				<u>11/16/11</u>

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350273	Ute Tribal 3-6B2		NWSW	6	2S	2W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	18008	18008	3/28/2011			10/9/2011	
Comments: <u>Initial Completion - Wasatch</u>			CONFIDENTIAL				<u>11/16/11</u>

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350274	Ute Tribal 4-35A3		SWSW	35	1S	3W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	18009	18009	4/18/2011			9/23/2011	
Comments: <u>Initial Completion - Wasatch</u>			CONFIDENTIAL				<u>11/16/11</u>

ACTION CODES:

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

Maria S. Gomez

Name (Please Print)

Maria S. Gomez

Signature

Principle Regulatory Analyst

11/14/2011

Title

Date

RECEIVED

NOV 15 2011

(5/2000)

RECEIVED

NOV 03 2011

CONFIDENTIAL

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

DIV. OF OIL, GAS & MINING

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a TYPE OF WELL: OIL WELL [X] GAS WELL [] DRY [] OTHER Shut-in
b TYPE OF WORK: NEW WELL [X] HORIZ LATS. [] DEEP-EN [] RE-ENTRY [] DIFF. RESVR. [] OTHER []
2 NAME OF OPERATOR: El Paso E & P Company, L. P.
3 ADDRESS OF OPERATOR: 1001 Louisiana, #2730B Houston TX 77002 PHONE NUMBER: (713) 420-5138
4 LOCATION OF WELL (FOOTAGES): AT SURFACE: 1050 FSL & 850 FEL AT TOP PRODUCING INTERVAL REPORTED BELOW 1050 FSL & 850 FEL AT TOTAL DEPTH: 1050 FSL & 850 FEL
5 LEASE DESIGNATION AND SERIAL NUMBER: Fee
6 IF INDIAN, ALLOTTEE OR TRIBE NAME
7 UNIT or CA AGREEMENT NAME
8 WELL NAME and NUMBER: El Paso 4-29B5
9 API NUMBER: 4301350208
10 FIELD AND POOL, OR WILDCAT: Altamont/Bluebell
11 QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 29 2S 5W U.S.B.&M.
12 COUNTY: Duchesne 13 STATE: UTAH
14 DATE SPURRED: 2/16/2011 15 DATE T.D. REACHED: 5/26/2011 16 DATE COMPLETED: 9/27/2011 ABANDONED [] READY TO PRODUCE []
17 ELEVATIONS (DF, RKB, RT, GL): 6195' GL 6212 RKB
18 TOTAL DEPTH: MD 12,586 TVD 12,586 19 PLUG BACK T.D. MD 12,571 TVD 12,571 20 IF MULTIPLE COMPLETIONS, HOW MANY? * no 21 Top of fish MD 11,401' TVD

22 TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Array Comp True Resistivity, Spectral Density Dual Spaced Neutron, Gamma Ray, Calliper, Porosity
23 WAS WELL CORED? NO [X] YES [] (Submit analysis)
WAS DST RUN? NO [X] YES [] (Submit report)
DIRECTIONAL SURVEY? NO [X] YES [] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)
Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP **, AMOUNT PULLED

25. TUBING RECORD
Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)

26. PRODUCING INTERVALS
27. PERFORATION RECORD
Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD), INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. Note: Item 28 & Item 27 continued on attachment.
Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS: All logs submitted by service company directly.
30. WELL STATUS: Shut-in
ELECTRICAL/MECHANICAL LOGS [] GEOLOGIC REPORT [] DST REPORT [] DIRECTIONAL SURVEY []
SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [] CORE ANALYSIS [] OTHER Items 27 & 28 continued on attachment [X]

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

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

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

Produced only water (shut-in).

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 Wasatch	8,141 9,659

35. ADDITIONAL REMARKS (Include plugging procedure)

Well has casing breach. Tried to establish good casing for a few months with no success. Well has only produced some water. A Form 9 was filed and approved on 10/27/2011. Well will be plugged back, perfed, and frac'd.

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

NAME (PLEASE PRINT) Linda Renken TITLE Regulatory Analyst
 SIGNATURE *Linda Renken* DATE 11/3/2011

This report must be submitted within 30 days of

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

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

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

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

CONFIDENTIAL

November 3, 2011

El Paso E & P Company, L. P.

El Paso 4-29B5

Form 8 Well Completion or Recompletion Report and Log Attachment

Item #27 Continued – Perforation Record

<u>Interval</u>	<u>Size</u>	<u># Holes</u>	<u>Status</u>
11402 - 11609	2-3/4"	69	Open Perfs
11165 - 11355	2-3/4"	69	Open Perfs
10886 - 11118	2-3/4"	69	Open Perfs

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NOV 03 2011

DIV. OF OIL, GAS & MINING

Item #28 Continued – Acid, Fracture, Treatment, Cement Squeezes, etc.

<u>Depth Interval</u>	<u>Amount and Type of Material</u>
11638 – 11837	Acidize w/6346 gals 15% HCL. Frac w/8000 #'s 100 mesh & 108,057 #'s of Terraprop Pro 20/40 sand.
11402 – 11610	Acidize w/8245 gals 15% HCL. Frac w/13,500 #'s 100 mesh & 133,180 #'s of Terraprop Pro 20/40 sand.
11167 – 11355	Acidize w/4477 gals 15% HCL. Frac w/8000 #'s 100 mesh & 124,442 #'s of Terraprop Pro 20/40 sand.
10886 – 11118	Acidize w/4948 gals 15% HCL. Frac w/7000 #'s 100 mesh & 122,459 #'s of Terraprop Pro 20/40 sand.

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

ROUTING

CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

6/1/2012

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
Multiple Leases

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
See Attached

2. NAME OF OPERATOR:
El Paso E&P Company, L.P. Attn: Maria Gomez

9. API NUMBER:

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

10. FIELD AND POOL, OR WILDCAT:
See Attached

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **See Attached**

COUNTY:

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

STATE: **UTAH**

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

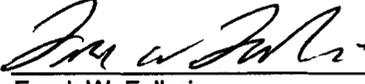
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER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

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

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.


Frank W. Falleri
Vice President
El Paso E&P Company, L.P.


Frank W. Falleri
Sr. Vice President
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) Maria S. Gomez

TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez

DATE 6/22/2012

(This space for State use only)

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JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012

Rachel Medina

(See Instructions on Reverse Side)

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

Rachel Medina

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

CONFIDENTIAL

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
El Paso 4-29B5

9. API NUMBER:
4301350208

10. FIELD AND POOL, OR WILDCAT
Altamont

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SESE 29 2S 5W
U.S.B. & M.

12. COUNTY
Duchesne

13. STATE
UTAH

14. DATE SPUDDED: 1/26/2011

15. DATE T.D. REACHED: 5/26/2011

16. DATE COMPLETED: 11/30/2011

17. ELEVATIONS (DF, RKB, RT, GL):
6195' GL

18. TOTAL DEPTH: MD 12,586
TVD 12,586

19. PLUG BACK T.D.: MD 11,360
TVD 11,360

20. IF MULTIPLE COMPLETIONS, HOW MANY? *
no

21. DEPTH BRIDGE MD 11,370
PLUG SET: TVD 11,370

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

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
26"	20"	54	0	40				Surf. (circ)	----
17-1/2"	13-3/8 J-55	54.5	0	1,524		Cl. G 923	378	Surf. (circ)	----
12-1/4"	9-5/8" N-80	40	0	4,997		Cl. G 1533	974	Surf. (circ)	----
8-3/4"	7" p110	29	0	10,308		Cl. G 904	310	4595 (cal)	----
6-1/8"	4-1/2" p110	13.5	10,129	12,586		Cl. G 227	62	10128 (cal)	----

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	10,066							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	9,659	11,355			10,886 11,355	2-3/4	60	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					10,582 10,864	2-3/4	69	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					10,311 10,545	2-3/4	69	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)					10,170 10,286	2-3/4	60	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
11370	Set CIBP and dump 10' cement on top (above fish).
9659 - 10866	Reperf and add new perms (see item #27 for details).
10886 - 11355	Acidized w/10,164 gals 15% HCL w/200 Bio-Balls (no frac done).

29. ENCLOSED ATTACHMENTS:

- RECEIVED**
JUL 13 2012
- ELECTRICAL/MECHANICAL LOGS
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION
- GEOLOGIC REPORT
 CORE ANALYSIS
- DST REPORT
 OTHER: Item #27 & #28 continued on attachment.
- DIRECTIONAL SURVEY

30. WELL STATUS:

Producing

DIV. OF OIL, GAS & MINING

(CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #28)

DATE FIRST PRODUCED: 12/1/2011		TEST DATE: 12/27/2011		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 114	GAS - MCF: 148	WATER - BBL: 395	PROD. METHOD: Flowing
CHOKE SIZE: Open	TBG. PRESS. 111	CSG. PRESS. 75	API GRAVITY 42.00	BTU - GAS	GAS/OIL RATIO 1	24 HR PRODUCTION RATES: →	OIL - BBL: 114	GAS - MCF: 148	WATER - BBL: 395	INTERVAL STATUS: Open	

INTERVAL B (As shown in Item #28)

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 #28)

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 #28)

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 Wasatch	8,141 9,659

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) Linda Renken

TITLE Regulatory Analyst

SIGNATURE *Linda Renken*

DATE 7/13/2012

This report must be submitted within 30 days of

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

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

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

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

Phone: 801-538-5340
Fax: 801-359-3940

Attachment to Well Completion Report

Form 8 Dated July 13, 2012

Well Name: El Paso 4-29B5

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
9904 – 10104	2-3/4"	69	Open
9659 – 9883	2-3/4"	66	Open

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

Depth Interval	Amount and Type of Material
10582 - 10864	Acidized w/3864 gals 15% HCL. Frac w/7501 #'s 100 mesh & 115,077 #'s 20/40 TerraProp Pro.
10311 - 10545	Acidized w/3780 gals 15% HCL. Frac w/8501 #'s 100 mesh & 131,083 #'s 20/40 TerraProp Pro.
10170 - 10286	Acidized w/4284 gals 15% HCL. Frac w/2500 #'s white 100 mesh, and 62,718 #'s TerraProp Prop, 20/40.
9904 - 10104	Acidized w/4200 gals 15% HCL. Frac w/5001 #'s white 100 mesh, and 98,640 #'s TerraProp Prop, 20/40.
9659 - 9883	Acidized w/4284 gals 15% HCL. Frac w/6001 #'s white 100 mesh, and 100,831 #'s TerraProp Prop, 20/40.

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

FORM 6

ENTITY ACTION FORM

Operator: El Paso E & P Company, LP Operator Account Number: N 3065
 Address: 1099 18th St. Ste 1900
city Denver
state CO zip 80202 Phone Number: (303) 291-6417

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350208	El Paso 4-29B5		SESE	29	2S	5W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	17934	1/26/2011			3/15/11	
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 new entity
- E - Other (Explain in 'comments' section)

Marie OKeefe

Name (Please Print)

Marie OKeefe

Signature

Sr. Regulatory Analyst

1/28/2011

Title

Date

RECEIVED
JAN 31 2011

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: EL PASO 4-29B5
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013502080000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1050 FSL 0850 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 29 Township: 02.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/4/2013	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="rod repair"/>

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: March 05, 2013

By: *D. K. Duff*

NAME (PLEASE PRINT) Lisa Morales	PHONE NUMBER 713 997-3587	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 3/1/2013	

El Paso 4-29B5 Rod Part Procedure Summary

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	8. WELL NAME and NUMBER: EL PASO 4-29B5
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1050 FSL 0850 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 29 Township: 02.0S Range: 05.0W Meridian: U	9. API NUMBER: 43013502080000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
9. FIELD and POOL or WILDCAT: ALTAMONT	COUNTY: DUCHESNE
STATE: UTAH	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/17/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Recomplete into the LGR. See attached for details.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: December 15, 2014

By: *Debra K. Quist*

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 12/15/2014	

El Paso 4-29B5 Recom Summary Procedure

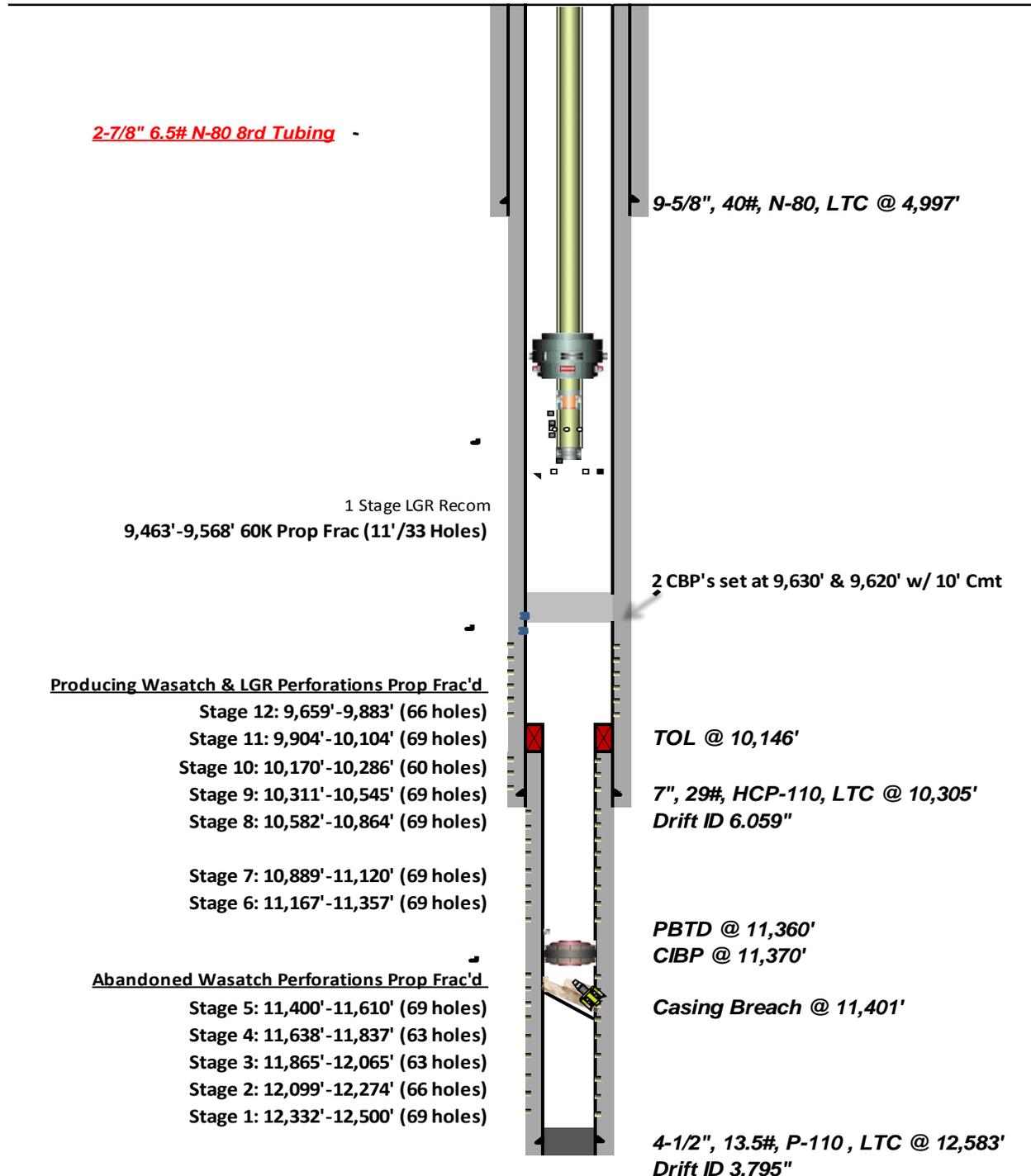
- POOH with rods, tubing string and pump, inspect/Repair/Re-furbish as needed and test to bring in working condition and put back on Rack. Replace any bad tubing.
- Circulate & Clean wellbore
- RIH with 7"CBP, set plug at ~9,630', set 2nd plug at ~ 9,620' dump bail 10' cement on top
- Stage 1:
 - Perforate new LGR interval from ~9,463' – 9,568'
 - Prop frac perforations with 60,000 lbs of proppant (STAGE 1 Recom)
- RIH w AL equipment.
- Clean location and resume production.



Proposed Pumping Schematic as of Dec 11, 2013

Company Name: **EP Energy**
 Well Name: **El Paso 4-29B5**
 Field, County, State: Altamont - Bluebell, Duchesne, Utah
 Surface Location: Lat: 40° 16' 25.094"N Long: 110° 28' 47.390"W
 Producing Zone(s): Wasatch & LGR

Last Updated: **December 11, 2013**
 By: M. Siddiqui
 TD: 12,583'
 BHL: _____
 Elevation: _____



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: EL PASO 4-29B5	
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013502080000	
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1050 FSL 0850 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 29 Township: 02.0S Range: 05.0W Meridian: U	COUNTY: DUCHESNE	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/9/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Drill out plugs at 9630' and 9620'		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 09, 2015		
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 2/9/2015	

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

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:

9. API NUMBER:

10 FIELD AND POOL, OR WILDCAT

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

12. COUNTY

13. STATE

UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

2. NAME OF OPERATOR:

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

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE:

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

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

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

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

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

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

25. TUBING RECORD

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

26. PRODUCING INTERVALS

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

27. PERFORATION RECORD

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

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

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

30. WELL STATUS:

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

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

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

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

35. ADDITIONAL REMARKS (Include plugging procedure)

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

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

This report must be submitted within 30 days of

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

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

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

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

CENTRAL DIVISION

ALTAMONT FIELD
EL PASO 4-29B5
EL PASO 4-29B5
RECOMPLETE LAND

Operation Summary Report

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

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	EL PASO 4-29B5		
Project	ALTAMONT FIELD	Site	EL PASO 4-29B5
Rig Name/No.	NABORS DRILLING/0561	Event	RECOMPLETE LAND
Start date	12/16/2014	End date	2/17/2015
Spud Date/Time	4/9/2011	UWI	EL PASO 4-29B5
Active datum	KB @6,212.0ft (above Mean Sea Level)		
Afe No./Description	164067/53045 / EL PASO 4-29B5		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
12/17/2014	14:00 14:30	0.50	MIRU	28		P		TGSM & JSA (SLIDE UNIT AND RIG UP)
	14:30 16:00	1.50	MIRU	01		P		SLIDE UNIT RIG UP
	16:00 17:30	1.50	WOR	39		P		ATTEMPT TO WORK OFF SEAT WHILE PUMPING DOWN CASING W/ NO SUCCESS.
12/18/2014	6:00 7:30	1.50	WOR	28		P		TGSM & JSA (POOH W/ RODS)
	7:30 8:00	0.50	WOR	18		P		RE ATTEMPT TO WORK OFF SEAT PARTED
	8:00 11:00	3.00	WOR	39		P		POOH INSPECTING RODS, LAID DOWN 14 1" OFF TOP OF TAPER, COOH W/ 81 1", 114 7/8", 173 3/4", LAY DOWN 9 WT BARS AND STAB SUB (PARTED AT TOP OF PULL ROD.)
	11:00 13:00	2.00	WLWORK	21		P		RU CUTTERS WIRELINE RIH W/ 1 11/16" GUN PERFORATE 10' ABOVE TAC. POOH RD WIRE LINE, FLUSH TBG W/ 60 BBLS KCL.
12/19/2014	13:00 17:30	4.50	WOR	39		P		TEMPORARY LAND TBG, NU 5 K BOPE, RU WORK FLOOR AND TBG EQUIPMENT, RELEASE TAC , POOH DRAGGING PULLING TO SLOW FOR PRS TO GET READINGS, RELEASE PRS FOR DAY POOH W/ 140 JTS 2 7/8" 8RD L-80 TBG.
	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (TRIPPING TBG)
	7:30 10:30	3.00	WOR	39		P		COOH W/ 168 JTS 2 7/8" ROTATING THROUGH COLLARS AS NEEDED. L/D TAC, COOH W/ 4 JTS. L/D PUMP AND BHA.
	10:30 15:30	5.00	WOR	39		P		MU 6" BIT, 7" CASING SCRAPER, RU HYDRO TESTING EQUIPMENT START TESTING 311 JTS 2 7/8" WORK STRING NO LEAKS OR BURSTS. EOT @ 9,877'.
12/20/2014	15:30 17:30	2.00	WOR	39		P		RU PRS SCANNING EQUIPMENT SCAN OUT W/ 51 YELLOW, 50 BLUE, 3 RED. SWI SHUT DOWN FOR DAY.
	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (SCANNING TBG)
	7:30 13:00	5.50	WOR	39		P		COOH SCANNING TBG 51 YELLOW, 85 BLUE, 71 RED L/D BIT AND SCRAPER. (TTLS 102 YELLOW, 135 BLUE, 77 RED 74 SCANNED 3 GAULDED)
12/21/2014	13:00 19:00	6.00	WLWORK	26		P		MIRU CUTTERS WIRE LINE UNIT. RU AND TEST LUB, RIH W/ CCL/JB/GR TO 9650'. RIH SET CBP @ 9630', FILL CASING WITH BBLS) RIH SET 2ND CBP @ 9620' WITH 3000 PSIG SURFACE PRESSURE. DUMP BAIL 10' CEMENT. SWI SHUT DOWN FOR DAY.
	6:00 7:30	1.50	WOR	28		P		TGSM & JSA (ND AND NU PROCEDURES)

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:30 9:00	1.50	WOR	16		P		BWD, ND BOPE, NU FRAC VALVE, FILL CASING
	9:00 10:00	1.00	WOR	18		P		ATTEMPT TO PRESSURE TEST, REACH 8000 PSIG HOLD FOR 1 MIN PRESSURE FELL TO 0.
	10:00 17:30	7.50	WLWORK	26		P		RIH W/ JB/GR TAG @ 10,120'. RIH SET CBP @ 9620', DUMP BAIL 10' CLASS "G" CEMENT. FILL CASING W/ BBLs RIH HOLD 3000 PSIG. SET 2ND CBP @ 9610'. DUMP BAIL 10' CEMENT. SWI, SHUT DOWN FOR DAY.
12/22/2014	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (PRESSURE TESTING PROCEDURES)
	7:30 10:00	2.50	WOR	16		P		PRESSURE TEST CASING TO 7000 PSIG SURFACE PRESSURE AS PER AMENDMENT TO PROCEDURE BY MOHAMMAD SIDDIQUI, GOOD TEST FOR 15 MINUTES, NU & TEST 10K STACK.
	10:00 12:00	2.00	WLWORK	21		P		RU WIRE LINE, PRESSURE TEST LUBE TO 4800 PSIG, RIH AND SHOOT STAGE 1 PERFORATIONS 9568' TO 9463' WITH 3 1/8" TAG-RTG GUN, TITANS DEEP PENETRATING 22.7 GM CHARGES, 3 JSFP AND 120° PHASING W/ 1000 PSIG SURFACE PRESSURE ENDING PRESSURE 800 PSIG. ALL PERFORATIONS CORRELATED TO THE LONE WOLF: CEMENT BOND, GR, CCL RUN #1. POOH RD WIRE LINE SWI. SHUT DOWN FOR DAY.
12/23/2014	6:00 7:30	1.50	MIRU	28		P		CT TGSM & JSA (FRAC OPERATIONS)
	7:30 14:00	6.50	MIRU	01		P		MIRU WEATHERFORD FRAC EQUIPMENT
	14:00 15:00	1.00	STG01	35		P		PRESSURE TEST TO 7800 PSIG SIP @ 318 PSIG BREAK DOWN STAGE 1 PERFS @ 4,470 PSIG @ 9.4 BPM ESTABLISH RATE TO 33.5 BPM @ 3,952 PSI ISDP @ 2,139 PSIG F.G @ .66 5/ 1,860 10/ 1820 PSIG . TREAT STAGE 1 PERFS W/ 5000 GAL 15% HCL, 3640# 100 MESH IN 1/2 PPG STAGE. AND 37,700# 30/50 IN .5,1,2 PPG STAGES. BEFORE 2# HIT FORMATION SCREENED OUT FLUSH TO TOP PERF.
	15:00 17:00	2.00	RDMO	02		P		RDMOL W/ FRAC EQUIPMENT
	17:00 6:00	13.00	FB	19		P		OPEN TO FLOW BACK 4800 ON 12/64 DROPPED TO 850 LBS HELD FOR 20 MINUTES TALKED WITH TROY OPENED UP ON 18/64 UNTIL RECOVERED CASING VOLUME TO TOP PERF, CUT CHOKE BACK TO 12/64. FLOWED 797 TOTAL BBLs, LAST HOURLY RATE 10 BBLs W/ 0 PSIG.
12/24/2014	6:00 7:30	1.50	WOR	28		P		TGSM & JSA (WIRE LINE OPERATIONS)
	7:30 12:30	5.00	WLWORK	26		P		MIRU WIRE LINE UNIT, RIH W/ JB/GR TAG @ 9470'. RIH SET CBP @ 9000'.
	12:30 15:30	3.00	WOR	16		P		BWD, ND STACK TO FRAC VALVE. NU TESTED BOPE, RU WORK FLOOR AND TBG EQUIPMENT.
	15:30 17:30	2.00	WOR	39		P		PUMU & RIH W/ 6" BIT, BIT SUB, 102 JTS YELLOW BAND, CIH PU 153 JOINTS NEW 2 7/8" L-80 8RD EUE TBG. SWI SHUT DOWN FOR DAY.
12/25/2014	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (POWER SWIVEL OPERATIONS)
	7:30 11:00	3.50	WOR	39		P		CSIP & TSIP @ 200 PSIG, BWD, COOH W/ BIT TAG SAND @ 8765' W/ JT# 272.
	11:00 17:00	6.00	WOR	40		P		BREAK CIRCULATION, CLEAN OUT SAND TO CBP @ 9011 TM. CIRCULATE CLEAN, DRILL ON CBP PU CIRCULATE CLEAN, RD SWIVEL PULL OUT W/ 10 JTS EOT @ 8682' SWI. DRAIN UP PUMP AND RETURN LINES. SHUT DOWN FOR HOLIDAY WEEK END.
12/26/2014	6:00 6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY
12/27/2014	6:00 6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY
12/28/2014	6:00 6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY
12/29/2014	6:00 6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY
12/30/2014	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (POWER SWIVEL OPERATIONS)

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:30 10:30	3.00	WOR	39		P		THAW WELL HEAD AND SURFACE EQUIPMENT NEEDED. BWD, CIH TAG CBP @ 9011'. RU POWER SWIVEL.
	10:30 17:00	6.50	WOR	40		P		DRILL UP CBP, CLEAN OUT TO PBTD 9605' T.M . CIRCULATE WELL CLEAN. RD POWER SWIVEL.
	17:00 17:30	0.50	WOR	39		P		LAY DOWN 7 JOINTS 2 7/8" 8RD EUE TBG. EOT @ 9370'.
	17:30 18:00	0.50	WOR	18		P		SHUT AND LOCK PIPE RAMS (PRESSURE UP ACCUMULATORS), SHUT IN CASING VALVES INSTALL NIGHT CAPS. INSTALL & SHUT 2 7/8" TIW VALVE, INSTALL NIGHT CAP. DRAIN UP PUMP AND RETURN LINES. CREW SHUT DOWN FOR DAY.
12/31/2014	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (PULLING AND RUNNING TBG)
	7:30 8:30	1.00	WOR	18		P		THAW WELL HEAD, TSIP AND CSIP @ 400 PSIG, BWD.
	8:30 12:30	4.00	WOR	39		P		POOH W/ 290 JTS 2 7/8" 8RD L-80 EUE TBG, BIT SUB, 6" BIT. STOP AND CIRCULATE AS NEEDED TO ENSURE WELL IS DEAD.
	12:30 15:30	3.00	WOR	39		P		PUMU & RIH W/ 5 3/4" SOLID NO-GO, 2 JTS 2 7/8", 2 7/8" #7 JOHN CRAINE DE SANDER, 4' PUP JT, +45 PSN, 6' PUP JT, 4 JTS 2 7/8", 7" TAC, 284 JTS 2 7/8" 8RD L-80 TBG.
	15:30 17:30	2.00	WOR	16		P		CIRCULATE WELL CLEAN W/ 2% KCL: BARRIER # 1 SET TAC @ 9185', TEMPORARY LAND TBG IN COMPRESSION W/ 6' PUP JT & HANGER W/ BPV IN TBG HEAD: BARRIER # 2. INSTALL 2 7/8" TIW VALVE BARRIER #3. SECURE LANDING PINS. RD WORK FLOOR AND TBG EQUIPMENT. ND BOPE, FRAC VALVE. ENSURE CASING AND TBG ARE DEAD. BACK OUT LANDING PINS, REMOVE TIW VALVE AND BPV. RE LAND TBG IN 25K TENSION. W/ HANGER & BPV IN TBG HEAD. SECURE LANDING PINS, ENSURE TBG IS DEAD, REMOVE BPV (DUE TO BPV WILL NOT FIT THROUGH 2 7/8" PUMP T.) INSTALL PUMP T. AND 2 7/8" TIW VALVE W/ NIGHT CAP. HOOK UP CASING TO FACILITIES.SHUT 1" VALVE ON PUMP T, INSTALL BULL PLUG IN 1" & SHUT 2ND CASING VALVE INSTALL NIGHT CAP. CONTACTED LEASE OPERATOR AND LET HIM KNOW CASING WAS VENTING TO FACILITIES.
1/1/2015	6:00 7:30	1.50	INARTLT	28		P		CT TGSM & JSA (RIH W/ RODS)
	7:30 10:30	3.00	INARTLT	06		P		X/O TO ROD EQUIPMENT. FLUSH TBG W/ 65 BBLS KCL W/ CORR INHIBITOR, (BARRIER 1 FLUID) REMOVE TIW VALVE AND NIGHT CAP, INSTALL ROD TABLE.
	10:30 13:30	3.00	INARTLT	39		P		PU STROKE TEST MU & RIH W/ 2 1/2" X 1 3/4" X 38' NATIONAL 2 STAGE HVR PUMP, 10 1 1/2" WT BARS, 140 3/4" W/G, 110 7/8" W/G, 1" MIXED TOP NEW. FILL TBG W/ A BBL, L/S TO 1000 PSIG, GOOD TEST W/ GOOD PUMP ACTION.
	13:30 15:30	2.00	RDMO	02		P		RIG DOWN SLIDE UNIT, NO TAG, TOTP
2/10/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, RIG MOVE
	7:30 10:30	3.00	MIRU	01		P		MOVE FROM 2-36C5, SLIDE ROTAFLEX BACK, LOTO ROTAFLEX, SPOT & RIG UP RIG, 100# CSG PSI, 50# TBG PSI, BLEED OFF
	10:30 12:00	1.50	WOR	18		P		P/U ON RODS, WORK PUMP OFFSEAT HOT OILER PUMPING DOWN CSG W/ 2% KCL @ 200 DEG
	12:00 13:00	1.00	WOR	18		P		L/D POLISH ROD & SUBS, PULL UP 3-1" RODS, CLOSE RATIGANS,
	13:00 15:30	2.50	WOR	39		P		HOT OILER FLUSH TBG W/ 60 BBLS 2% KCL @ 200 DEG POOH W/ 111-1" EL RODS, 110-7/8" EL RODS, 139-3/4" EL RODS, L/D 10 -1 1/2" K-BARS & PUMP

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		8. WELL NAME and NUMBER: EL PASO 4-29B5
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		9. API NUMBER: 43013502080000
PHONE NUMBER: 713 997-5038 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1050 FSL 0850 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 29 Township: 02.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/17/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="DO Plugs"/>

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

Drilled out plugs @ 9620' & 9630'. Open perms are: 9463'-9568',
9659'-9883', 9904'-10104', 10170'-10286', 10311'-10545',
10582'-10864', 10889'-11120', 11167'-11357'.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
June 18, 2015**

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 6/16/2015	

CENTRAL DIVISION

ALTAMONT FIELD
EL PASO 4-29B5
EL PASO 4-29B5
RECOMPLETE LAND

Operation Summary Report

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

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	EL PASO 4-29B5		
Project	ALTAMONT FIELD	Site	EL PASO 4-29B5
Rig Name/No.	NABORS DRILLING/0561	Event	RECOMPLETE LAND
Start date	12/16/2014	End date	2/17/2015
Spud Date/Time	4/9/2011	UWI	EL PASO 4-29B5
Active datum	KB @6,212.0ft (above Mean Sea Level)		
Afe No./Description	164067/53045 / EL PASO 4-29B5		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
12/17/2014	14:00 14:30	0.50	MIRU	28		P		TGSM & JSA (SLIDE UNIT AND RIG UP)
	14:30 16:00	1.50	MIRU	01		P		SLIDE UNIT RIG UP
	16:00 17:30	1.50	WOR	39		P		ATTEMPT TO WORK OFF SEAT WHILE PUMPING DOWN CASING W/ NO SUCCESS.
12/18/2014	6:00 7:30	1.50	WOR	28		P		TGSM & JSA (POOH W/ RODS)
	7:30 8:00	0.50	WOR	18		P		RE ATTEMPT TO WORK OFF SEAT PARTED
	8:00 11:00	3.00	WOR	39		P		POOH INSPECTING RODS, LAID DOWN 14 1" OFF TOP OF TAPER, COOH W/ 81 1", 114 7/8", 173 3/4", LAY DOWN 9 WT BARS AND STAB SUB (PARTED AT TOP OF PULL ROD.)
	11:00 13:00	2.00	WLWORK	21		P		RU CUTTERS WIRELINE RIH W/ 1 11/16" GUN PERFORATE 10' ABOVE TAC. POOH RD WIRE LINE, FLUSH TBG W/ 60 BBLS KCL.
12/19/2014	13:00 17:30	4.50	WOR	39		P		TEMPORARY LAND TBG, NU 5 K BOPE, RU WORK FLOOR AND TBG EQUIPMENT, RELEASE TAC , POOH DRAGGING PULLING TO SLOW FOR PRS TO GET READINGS, RELEASE PRS FOR DAY POOH W/ 140 JTS 2 7/8" 8RD L-80 TBG.
	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (TRIPPING TBG)
	7:30 10:30	3.00	WOR	39		P		COOH W/ 168 JTS 2 7/8" ROTATING THROUGH COLLARS AS NEEDED. L/D TAC, COOH W/ 4 JTS. L/D PUMP AND BHA.
	10:30 15:30	5.00	WOR	39		P		MU 6" BIT, 7" CASING SCRAPER, RU HYDRO TESTING EQUIPMENT START TESTING 311 JTS 2 7/8" WORK STRING NO LEAKS OR BURSTS. EOT @ 9,877'.
12/20/2014	15:30 17:30	2.00	WOR	39		P		RU PRS SCANNING EQUIPMENT SCAN OUT W/ 51 YELLOW, 50 BLUE, 3 RED. SWI SHUT DOWN FOR DAY.
	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (SCANNING TBG)
	7:30 13:00	5.50	WOR	39		P		COOH SCANNING TBG 51 YELLOW, 85 BLUE, 71 RED L/D BIT AND SCRAPER. (TTLS 102 YELLOW, 135 BLUE, 77 RED 74 SCANNED 3 GAULDED)
12/21/2014	13:00 19:00	6.00	WLWORK	26		P		MIRU CUTTERS WIRE LINE UNIT. RU AND TEST LUB, RIH W/ CCL/JB/GR TO 9650'. RIH SET CBP @ 9630', FILL CASING WITH BBLS) RIH SET 2ND CBP @ 9620' WITH 3000 PSIG SURFACE PRESSURE. DUMP BAIL 10' CEMENT. SWI SHUT DOWN FOR DAY.
	6:00 7:30	1.50	WOR	28		P		TGSM & JSA (ND AND NU PROCEDURES)

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:30 9:00	1.50	WOR	16		P		BWD, ND BOPE, NU FRAC VALVE, FILL CASING
	9:00 10:00	1.00	WOR	18		P		ATTEMPT TO PRESSURE TEST, REACH 8000 PSIG HOLD FOR 1 MIN PRESSURE FELL TO 0.
	10:00 17:30	7.50	WLWORK	26		P		RIH W/ JB/GR TAG @ 10,120'. RIH SET CBP @ 9620', DUMP BAIL 10' CLASS "G" CEMENT. FILL CASING W/ BBLs RIH HOLD 3000 PSIG. SET 2ND CBP @ 9610'. DUMP BAIL 10' CEMENT. SWI, SHUT DOWN FOR DAY.
12/22/2014	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (PRESSURE TESTING PROCEDURES)
	7:30 10:00	2.50	WOR	16		P		PRESSURE TEST CASING TO 7000 PSIG SURFACE PRESSURE AS PER AMENDMENT TO PROCEDURE BY MOHAMMAD SIDDIQUI, GOOD TEST FOR 15 MINUTES, NU & TEST 10K STACK.
	10:00 12:00	2.00	WLWORK	21		P		RU WIRE LINE, PRESSURE TEST LUBE TO 4800 PSIG, RIH AND SHOOT STAGE 1 PERFORATIONS 9568' TO 9463' WITH 3 1/8" TAG-RTG GUN, TITANS DEEP PENETRATING 22.7 GM CHARGES, 3 JSFP AND 120° PHASING W/ 1000 PSIG SURFACE PRESSURE ENDING PRESSURE 800 PSIG. ALL PERFORATIONS CORRELATED TO THE LONE WOLF: CEMENT BOND, GR, CCL RUN #1. POOH RD WIRE LINE SWI. SHUT DOWN FOR DAY.
12/23/2014	6:00 7:30	1.50	MIRU	28		P		CT TGSM & JSA (FRAC OPERATIONS)
	7:30 14:00	6.50	MIRU	01		P		MIRU WEATHERFORD FRAC EQUIPMENT
	14:00 15:00	1.00	STG01	35		P		PRESSURE TEST TO 7800 PSIG SIP @ 318 PSIG BREAK DOWN STAGE 1 PERFS @ 4,470 PSIG @ 9.4 BPM ESTABLISH RATE TO 33.5 BPM @ 3,952 PSI ISDP @ 2,139 PSIG F.G @ .66 5/ 1,860 10/ 1820 PSIG . TREAT STAGE 1 PERFS W/ 5000 GAL 15% HCL, 3640# 100 MESH IN 1/2 PPG STAGE. AND 37,700# 30/50 IN .5,1,2 PPG STAGES. BEFORE 2# HIT FORMATION SCREENED OUT FLUSH TO TOP PERF.
	15:00 17:00	2.00	RDMO	02		P		RDMOL W/ FRAC EQUIPMENT
	17:00 6:00	13.00	FB	19		P		OPEN TO FLOW BACK 4800 ON 12/64 DROPPED TO 850 LBS HELD FOR 20 MINUTES TALKED WITH TROY OPENED UP ON 18/64 UNTIL RECOVERED CASING VOLUME TO TOP PERF, CUT CHOKE BACK TO 12/64. FLOWED 797 TOTAL BBLs, LAST HOURLY RATE 10 BBLs W/ 0 PSIG.
12/24/2014	6:00 7:30	1.50	WOR	28		P		TGSM & JSA (WIRE LINE OPERATIONS)
	7:30 12:30	5.00	WLWORK	26		P		MIRU WIRE LINE UNIT, RIH W/ JB/GR TAG @ 9470'. RIH SET CBP @ 9000'.
	12:30 15:30	3.00	WOR	16		P		BWD, ND STACK TO FRAC VALVE. NU TESTED BOPE, RU WORK FLOOR AND TBG EQUIPMENT.
	15:30 17:30	2.00	WOR	39		P		PUMU & RIH W/ 6" BIT, BIT SUB, 102 JTS YELLOW BAND, CIH PU 153 JOINTS NEW 2 7/8" L-80 8RD EUE TBG. SWI SHUT DOWN FOR DAY.
12/25/2014	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (POWER SWIVEL OPERATIONS)
	7:30 11:00	3.50	WOR	39		P		CSIP & TSIP @ 200 PSIG, BWD, COOH W/ BIT TAG SAND @ 8765' W/ JT# 272.
	11:00 17:00	6.00	WOR	40		P		BREAK CIRCULATION, CLEAN OUT SAND TO CBP @ 9011 TM. CIRCULATE CLEAN, DRILL ON CBP PU CIRCULATE CLEAN, RD SWIVEL PULL OUT W/ 10 JTS EOT @ 8682' SWI. DRAIN UP PUMP AND RETURN LINES. SHUT DOWN FOR HOLIDAY WEEK END.
12/26/2014	6:00 6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY
12/27/2014	6:00 6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY
12/28/2014	6:00 6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY
12/29/2014	6:00 6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY
12/30/2014	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (POWER SWIVEL OPERATIONS)

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:30 10:30	3.00	WOR	39		P		THAW WELL HEAD AND SURFACE EQUIPMENT NEEDED. BWD, CIH TAG CBP @ 9011'. RU POWER SWIVEL.
	10:30 17:00	6.50	WOR	40		P		DRILL UP CBP, CLEAN OUT TO PBTD 9605' T.M . CIRCULATE WELL CLEAN. RD POWER SWIVEL.
	17:00 17:30	0.50	WOR	39		P		LAY DOWN 7 JOINTS 2 7/8" 8RD EUE TBG. EOT @ 9370'.
	17:30 18:00	0.50	WOR	18		P		SHUT AND LOCK PIPE RAMS (PRESSURE UP ACCUMULATORS), SHUT IN CASING VALVES INSTALL NIGHT CAPS. INSTALL & SHUT 2 7/8" TIW VALVE, INSTALL NIGHT CAP. DRAIN UP PUMP AND RETURN LINES. CREW SHUT DOWN FOR DAY.
12/31/2014	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (PULLING AND RUNNING TBG)
	7:30 8:30	1.00	WOR	18		P		THAW WELL HEAD, TSIP AND CSIP @ 400 PSIG, BWD.
	8:30 12:30	4.00	WOR	39		P		POOH W/ 290 JTS 2 7/8" 8RD L-80 EUE TBG, BIT SUB, 6" BIT. STOP AND CIRCULATE AS NEEDED TO ENSURE WELL IS DEAD.
	12:30 15:30	3.00	WOR	39		P		PUMU & RIH W/ 5 3/4" SOLID NO-GO, 2 JTS 2 7/8", 2 7/8" #7 JOHN CRAINE DE SANDER, 4' PUP JT, +45 PSN, 6' PUP JT, 4 JTS 2 7/8", 7" TAC, 284 JTS 2 7/8" 8RD L-80 TBG.
	15:30 17:30	2.00	WOR	16		P		CIRCULATE WELL CLEAN W/ 2% KCL: BARRIER # 1 SET TAC @ 9185', TEMPORARY LAND TBG IN COMPRESSION W/ 6' PUP JT & HANGER W/ BPV IN TBG HEAD: BARRIER # 2. INSTALL 2 7/8" TIW VALVE BARRIER #3. SECURE LANDING PINS. RD WORK FLOOR AND TBG EQUIPMENT. ND BOPE, FRAC VALVE. ENSURE CASING AND TBG ARE DEAD. BACK OUT LANDING PINS, REMOVE TIW VALVE AND BPV. RE LAND TBG IN 25K TENSION. W/ HANGER & BPV IN TBG HEAD. SECURE LANDING PINS, ENSURE TBG IS DEAD, REMOVE BPV (DUE TO BPV WILL NOT FIT THROUGH 2 7/8" PUMP T.) INSTALL PUMP T. AND 2 7/8" TIW VALVE W/ NIGHT CAP. HOOK UP CASING TO FACILITIES.SHUT 1" VALVE ON PUMP T, INSTALL BULL PLUG IN 1" & SHUT 2ND CASING VALVE INSTALL NIGHT CAP. CONTACTED LEASE OPERATOR AND LET HIM KNOW CASING WAS VENTING TO FACILITIES.
1/1/2015	6:00 7:30	1.50	INARTLT	28		P		CT TGSM & JSA (RIH W/ RODS)
	7:30 10:30	3.00	INARTLT	06		P		X/O TO ROD EQUIPMENT. FLUSH TBG W/ 65 BBLS KCL W/ CORR INHIBITOR, (BARRIER 1 FLUID) REMOVE TIW VALVE AND NIGHT CAP, INSTALL ROD TABLE.
	10:30 13:30	3.00	INARTLT	39		P		PU STROKE TEST MU & RIH W/ 2 1/2" X 1 3/4" X 38' NATIONAL 2 STAGE HVR PUMP, 10 1 1/2" WT BARS, 140 3/4" W/G, 110 7/8" W/G, 1" MIXED TOP NEW. FILL TBG W/ A BBL, L/S TO 1000 PSIG, GOOD TEST W/ GOOD PUMP ACTION.
	13:30 15:30	2.00	RDMO	02		P		RIG DOWN SLIDE UNIT, NO TAG, TOTP
2/10/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, RIG MOVE
	7:30 10:30	3.00	MIRU	01		P		MOVE FROM 2-36C5, SLIDE ROTAFLEX BACK, LOTO ROTAFLEX, SPOT & RIG UP RIG, 100# CSG PSI, 50# TBG PSI, BLEED OFF
	10:30 12:00	1.50	WOR	18		P		P/U ON RODS, WORK PUMP OFFSEAT HOT OILER PUMPING DOWN CSG W/ 2% KCL @ 200 DEG
	12:00 13:00	1.00	WOR	18		P		L/D POLISH ROD & SUBS, PULL UP 3-1" RODS, CLOSE RATIGANS,
	13:00 15:30	2.50	WOR	39		P		HOT OILER FLUSH TBG W/ 60 BBLS 2% KCL @ 200 DEG POOH W/ 111-1" EL RODS, 110-7/8" EL RODS, 139-3/4" EL RODS, L/D 10 -1 1/2" K-BARS & PUMP

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	16:30 17:30	1.00	WOR	39		P		POOH W/ 40 JTS 2 7/8" N-80 TBG, EOT @ 8115' TBG SHUT IN, CSG TO SALES, PIPE RAMS SHUT & LOCKED, SDFN. 2% KCL PUMPED = 200 BBLS DIESEL USED = 88 GAL PROPANE USED = 220 GAL
	17:39 16:30		WOR	16		P		X/O TO TBG EQUIP, N/D B- FLANGE, UNLAND TBG, INSTALL 6' TBG SUB, TBG HANGER, RELAND TBG ON HANGER, N/U BOPS, R/U FLOOR & TBG TONGS, RELEASE TAC
2/11/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, TOOH W/ TBG 100# SITP & FCP, BLEED OFF HOT OILER FLUSH TBG W/ 60 BBLS 2% KCL @ 200 DEG.
	7:30 10:00	2.50	WOR	39		P		EOT @ 8315', POOH W/244 JTS 2 7/8" N-80 TBG, 7" TAC, 4 JTS 2 7/8" N-80 TBG, 4'-2 7/8" N-80 TBG SUB, 2 7/8" SEAT NIPPLE, 4'-2 7/8" N-80 TBG SUB, CAVINS DESANDER W/ #3 SPIRAL, 2 JTS 2 7/8" N-80 TBG, 5 3/4" SOLID NO-GO.
	10:00 14:30	4.50	WOR	39		P		P/U & RIH W/ 6" ROCK BIT, 288 JTS 2 7/8" N-80 TBG, P/U 10 JTS 2 7/8" N-80 TBG, TAG @ 9565' SLMD.
	14:30 15:00	0.50	WOR	06		P		POOH ABOVE PERFS W/ 7 JTS 2 7/8" N-80 TBG, EOT @ 9344' TBG SHUT IN & NIGHT CAPPED, CSG TO SALES, PIPE RAMS SHUT & LOCKED, SDFN. 2% KCL PUMPED = 100 BBLS DIESEL USED = 64 GAL PROPANE USED = 95 GAL
2/12/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, POWER SWIVEL CONNECTIONS 100# SITP & FCP, BLEED OFF
	7:30 17:00	9.50	WOR	06		P		EOT @ 9344', RIH W/ 7 JTS 2 7/8" N-80 TBG, TAG @ 9665', R/U POWER SWIVEL BRK CIRC REV W/ 100 BBLS, PUMPING 10 BBLS MIN, CIRC GAS & OIL OUT OF WELL, C/O 45' FILL, D/O 10' CMT, CBP @ 9620' SLMD, 10' CMT, DRILL ON CBP @ 9630' SLMD, LOST CIRC, PUMPED 100 BBLS, CAUGHT CIRC, (PUMPING 4 BBLS MIN, GETTING 2 BBLS MIN RETURNS) CONT DRILL CBP, FALL FREE, CIRC CLEAN, RIH TAG @ 10114' SLMD, START DRILLING, MAKE 15' TO 10129' SLMD, CIRC CLEAN, R/D POWER SWIVEL.,
	17:00 18:00	1.00	WOR	39		P		POOH ABOVE PERFS W/ 25 JTS 2 7/8" N-80 TBG, EOT @ 9338', TUBING SHUT IN & NIGHT CAPPED, CSG TO SALES, PIPE RAMS SHUT & LOCKED, DRAIN PUMP & LINES, SDFN. 2% KCL PUMPED = 1300 BBLS DIESEL USED = 106 GAL
2/13/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, R/U & R/D POWER SWIVEL TBG & CSG ON VACUUM
	7:30 8:00	0.50	WOR	39		P		EOT @ 9338' RIH W/ 25 JTS 2 7/8" N-80 TBG, TAG @ 10129' SLMD
	8:00 11:00	3.00	WOR	06		P		R/U POWER SWIVEL BREAK CIRC REV W/ 260 BBLS, D/O 2 CBPS TO LINER TOP @ 10138', SLMD, CIRC CLEAN. R/D POWER SWIVEL.
	11:00 15:00	4.00	WOR	39		P		L/D 2 JTS 2 7/8" N-80 TBG, POOH W/ 312 JTS 2 7/8" N-80 TBG, L/D 6" BIT & BIT SUB.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	15:00 18:00	3.00	WOR	39		P		P/U & RIH W/ 3 3/4" ROCK BIT, BIT SUB, 41 JTS 2 3/8" N-80 TBG, 2 3/8" X 2 7/8" EUE X/O SUB, 190 JTS 2 7/8" N-80 TBG, EOT @ 7430' TBG SHUT IN & CAPPED, CSG TO SALES, PIPE RAMS SHUT & LOCKED, DRAIN PUMP & LINES, SDFN. 2% KCL PUMPED = 900 BBLS DIESEL USED = 118 GAL
2/14/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, TIH W/ TUBING 200# SITP & FCP, BLEED OFF
	7:30 8:30	1.00	WOR	39		P		EOT @ 7430', RIH W/ 84 JTS 2 7/8" N-80 TBG, TAG @ 10138' SLMD
	8:30 13:00	4.50	WOR	06		P		R/U POWER SWIVEL, BRK CIRC REV W/ 400 BBLS, D/O CBP REMAINS ON LINER TOP, BIT PLUGGED, UNABLE TO GET UNPLUGGED, FIN DRILLING UP CBPS PUMPING DOWN CSG, DRILL TO 10146' SLMD, FALL FREE., RIH TAG @ 11179' SLMD.
	13:00 16:30	3.50	WOR	39		P		POOH W/ 305 JTS 2 7/8" N-80 TBG, 2 3/8" X 2 7/8" EUE X/O SUB, 41 JTS 2 3/8" N-80 TBG, BIT SUB, BIT, , C/O BIT. (BIT & BIT SUB & BTM JT PLUGGED W/ RUBBER & COMPOSITE MATERIAL)
	16:30 18:00	1.50	WOR	39		P		P/U & RIH W/ 3 3/4" ROCK BIT, BIT SUB, 41 JTS 2 3/8" N-80 TBG, 2 3/8" X 2 7/8" EUE X/O SUB, 146 JTS 2 7/8" N-80 TBG, EOT @ 5995' TBG SHUT IN & CAPPED, CSG TO SALES, PIPE RAMS SHUT & LOCKED, DRAIN PUMP & LINES, SDFN. 2% KCL PUMPED = 950 BBLS DIESEL USED = 118 GAL
2/15/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, TIH W/ TBG 200# SITP & FCP, BLEED OFF
	7:30 9:00	1.50	WOR	39		P		EOT @ 5995', RIH W/ 156 JTS 2 7/8" N-80 TBG TO 11080' SLMD
	9:00 14:00	5.00	WOR	06		P		R/U POWER SWIVEL, BRK CIRC REV W/ 400 BBLS 2% KCL, CIRC IN TAG @ 11179' SLMD, C/O TO 11360' SLMD, CIRC CLEAN, R/D POWER SWIVEL
	14:00 17:00	3.00	WOR	39		P		POOH W/ 203 JTS 2 7/8" N-80 TBG, EOT @ 4660' TBG SHUT IN & NIGHT CAPPED, CSG TO SALES, PIPE RAMS SHUT & LOCKED DRAIN PUMP & LINES, SDFN. 2% KCL PUMPED = 1500 BBLS DIESEL USED = 122 GAL
2/17/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, L/D TUBING 200# SITP & FCP, BLEED OFF
	7:30 9:30	2.00	WOR	39		P		EOT @ 4660', POOH W/ 108 JTS 2 7/8" N-80 TBG, 2 3/8" X 2 7/8" EUE X/O SUB, L/D 41 JTS 2 3/8" N-80 TBG, BIT SUB & BIT, HOT OILER FLUSHING AS NEEDED.
	9:30 13:00	3.50	WOR	39		P		P/U & RIH W/ 5 3/4" SOLID NO-GO, 2 JTS 2 7/8" N-80 TBG, 2 7/8" #5 CAVINS DESANDER, 4'-2 7/8" TBG SUB, 2 7/8" SEAT NIPPLE, 4'-2 7/8" TBG SUB, 4 JTS 2 7/8" N-80 TBG, 7" TAC, 305 JTS 2 7/8" N-80 TBG, P/U 6'-2 7/8" N-80 TBG SUB, HANGER, SET TAC @ 9855.32' W/ 25K TENSION, LAND ON HANGER.
	13:00 14:00	1.00	WOR	16		P		R/D FLOOR, N/D BOPS, UNLAND TBG, REMOVE 6'- 2 7/8" TBG & HANGER, INSTALL 10K TAPPED B-FLANGE, LAND TBG ON B-FLANGE, N/U WH, INSTALL CAP STRING ASSEMBLY. HOOK UP FLOWLINE.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	14:00 15:00	1.00	WOR	18		P		X/O TO ROD EQUIP, HOT OILER FLUSH TBG W/ 70 BBLS 2% KCL, SPOT 10 GAL CORROSION INHIBITOR
	15:00 17:30	2.50	WOR	39		P		P/U & PRIME NOV 2 1/2" X 1 1/2" X 38' 2 STAGE HVR PUMP, W/ 3' STABILIZER SUB, RIH W/ 17-1 1/2" K-BARS (TOP 12 NEW) 175 - 3/4" EL RODS W/G (TO P 36 NEW) 117-7/8" EL RODS W/G (TOP 7 NEW)EOR @ 7775' P/U POLISH ROD, SECURE WELL, TBG SHUT IN, CSG TO SALES, SDFN. 2% KCL PUMPED = 150 BBLS DIESEL USED = 84 GAL PROPANE USED = 350 GAL
2/18/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, RIH W/ RODS 100# SITP & FCP, BLEED OFF
	7:30 8:30	1.00	WOR	39		P		EOR @ 7775', RIH W/ 27-1" EL RODS W/G, 24-1" EL RODS SLK, L/D 23-1" RODS SLK, CONT IN HOLE W/ 60-1" EL RODS SLK (88 TOTAL, 27 W/G 61 SLK), SPACE W/ 1" PONY RODS = 2-2', 2-4', 1-8' P/U POLISH ROD HANG OFF.
	8:30 9:30	1.00	WOR	18		P		HOT OILER FILL TBG W/ 25 BBLS 2% KCL, PSI TEST TO 500#, STROKE TEST TO 1000# (GOODTEST), PSI TEST CV TO 1000# GOOD, PUMP 20 BBLS 2% KCL @ 200 DEG ACROSS FLOWLINE.
	9:30 11:00	1.50	RDMO	02		P		RDMO, SLIDE ROTAFLEX IN, CHECK PUMP, NO TAG , GOOD PUMP ACTION. CLEAN LOCATION, TURN OVER TO OPERATOR. MOVE TO 4-4C4 2% KCL PUMPED = 200 BBLS DIESEL USED = 32 GAL PROPANE USED = 50 GAL

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		8. WELL NAME and NUMBER: EL PASO 4-29B5
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		9. API NUMBER: 43013502080000
PHONE NUMBER: 713 997-6717 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1050 FSL 0850 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 29 Township: 02.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/20/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="replace rods"/>

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 01, 2017**

NAME (PLEASE PRINT) Joe Araiza	PHONE NUMBER 713 997-5452	TITLE HSER Manager
SIGNATURE N/A	DATE 1/18/2017	

CENTRAL DIVISION

ALTAMONT FIELD
EL PASO 4-29B5
EL PASO 4-29B5
LOE LAND

Operation Summary Report

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

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	EL PASO 4-29B5		
Project	ALTAMONT FIELD	Site	EL PASO 4-29B5
Rig Name/No.		Event	LOE LAND
Start date	3/11/2013	End date	3/20/2013
Spud Date/Time	4/9/2011	UWI	EL PASO 4-29B5
Active datum	KB @6,212.0ft (above Mean Sea Level)		
Afe No./Description	160953/48645 / EL PASO 4-29B5		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (ft)	Operation
3/12/2013	6:00 7:30	1.50	MNTSSO	46		P		CREW TRAVEL, SAFETY MEETING. (MOVING RIG FROM 3-9B3 TO 4-29B5) FILL OUT AND REVIEW JSA
	7:30 9:00	1.50	MNTSSO	18		P		TRAVEL TO LOCATION
	9:00 10:30	1.50	MNTSSO	18		P		SLIDE UNIT, SPOT IN RIG AND RIG UP RIG WHILE PUMPING 60 BBLs 2% KCL DOWN CASING
	10:30 12:30	2.00	MNTSSO	18		P		LAY DOWN POLISH ROD, SUBS AND PULL OUT OF HOLE WITH 131-1" RODS, 110-7/8" RODS AND 40 3/4" RODS TO ROD PART @ 7025'
	12:30 13:30	1.00	MNTSSO	18		P		WAIT ON FISHING TOOLS
	13:30 17:00	3.50	MNTSSO	18		P		TIH WITH 2 1/2" FISHING TOOL WITH EXTENSION DRESSED TO CATCH 3/4" BODY BREAK. ENGAGE FISH @ 7025' USING 2 HOT OIL TRUCKS TO GET IN THE HOLE TO THE FISH TOP. WELL IS VERY WAXY
	17:00 18:30	1.50	MNTSSO	18		P		ATTEMPT TO CATCH FISH WHILE PUMPING DOWN CASING WITH NO SUCCESS. SET WEIGHT ON FISHING TOOL AND SECURE WELL
	18:30 18:30	0.00	MNTSSO	18		P		USED 625 GALLONS LPG PUMPED 706 BBLs 2% KCL USED 90 GALLONS DIESEL
	18:30 18:30	0.00	MNTSSO	18		P		SHUT DOWN FOR DAY
3/13/2013	6:00 7:30	1.50	MNTSSO	46		P		CREW TRAVEL SAFETY MEETING (FISHING RODS, ROD TONG SAFETY) FILL OUT AND REVIEW JSA. PUMP 100 BBLs 2% KCL DOWN CASING
	7:30 8:00	0.50	MNTSSO	18		P		ATTEMPT TO CATCH FISH WITH NO SUCCESS
	8:00 9:30	1.50	MNTSSO	18		P		TRIP OUT OF HOLE WITH ROD FISHING TOOLS. DRESS OVERSHOT WITH 11/16" GRAPPLE.
	9:30 12:30	3.00	MNTSSO	18		P		TRIP INTO WELL AND ATTEMPT TO ENGAGE FISH @ 7025. GRAPPLE WOULD CATCH BUT CONTINUED TO SLIP OFF @ 2000 LBS OVER FISHING STRING WIEGHT
	12:30 14:00	1.50	MNTSSO	18		P		TRIP OUT OF HOLE AND CHANGE OUT FISHING TOOL FOR A TRICO DOUBLE REVERSE DRESSED 3/4"-5/8"
	14:00 18:00	4.00	MNTSSO	18		P		TRIP INTO WELL AND ENGAGE FISH. PULLED 2,000 LBS OVER TOTAL STRING WEIGHT AND FISH CAME OUT OF GRAPPLE. CONTINUE TO ATTEMPT TO REACQUIRE FISH WITH NO SUCCESS. SHUT WELL IN WITH WEIGHT SETTING ON FISH. SECURE WELL FOR NIGHT

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (ft)	Operation
	18:00 18:00	0.00	MNTSSO	18		P		SHUT DOWN FOR DAY USED 70 GALLONS DIESEL USED 800 GALLONS LPG PUMPED 756 BBLs 2% KCL
3/14/2013	6:00 7:30	1.50	MNTSSO	46		P		TRIPPING RODS SAFELY (ROD TONG SAFETY, PINCH POINTS) FILL OUT AND REVIEW JSA. HOT OILER HAD 100 BBLs PUMPED DOWN CASING @ 275 DEGREES
	7:30 10:00	2.50	MNTSSO	18		P		CONTINUE TO ATTEMPT TO ENGAGE FISH WITH NO SUCCESS. POOH WITH FISHING TOOLS
	10:00 12:30	2.50	MNTSSO	18		P		PICK UP A ROD GUIDE MILL AND A 20' EXTENSION. TIH AND REMOVE 2 ROD GUIDES OFF OF ROD TO FISH
	12:30 15:00	2.50	MNTSSO	18		P		TOOH WITH RODS AND BREAK MILL OFF EXTENSION
	15:00 17:30	2.50	MNTSSO	18		P		DRESS EXTENSION WITH AN 2 1/2 OBANNON OVERSHOT WITH A 1 5/8 GRAPPLE AND TRIP IN HOLE TO ENGAGE FISH @ 7025'
	17:30 18:30	1.00	MNTSSO	18		P		ATTEMPT TO ENGAGE FISH WITH OUT SUCCESS. SECURE WELL
	18:30 18:30	0.00	MNTSSO	18		P		SHUT DOWN FOR DAY PUMPED 825 BBLs 2% KCL USED 900 GALLONS PROPANE USED 70 GALLONS DIESEL
3/15/2013	6:00 8:30	2.50	MNTSSO	46		P		BASIC HELD AREA SAFETY MEETING FROM 6:00-7:00. CREW TRAVEL, SAFETY MEETING (TRIPPING RODS SAFELY, SAFE HANDELING OF BOP'S, RIGGING UP FLOOR SAFELY, PINCH POINTS AND BODY POSITIONING) FILL OUT AND REVIEW JSA.
	8:30 9:00	0.50	MNTSSO	18		P		ATTEMPT TO ENGAGE FISH WITH NO SUCCESS
	9:00 12:00	3.00	MNTSSO	18		P		TRIP OUT OF HOLE WITH RODS (HAD SOME 1" RODS WITH GUIDES THAT WERE SLIPPING BREK OFF IN WELL HEAD. CLEANED OUT PUMP T AND RADIGANS. LAYED DOWN RODS WITH PROBLEMS.) LAYED DOWN FISHING TOOLS
	12:00 14:00	2.00	MNTSSO	18		P		CHANGE OVER TO PULL TUBING. NIPPLE DOWN WELL HEAD, NIPPLE UP BOP'S, RIG UP RIG FLOOR AND TONGS
	14:00 19:00	5.00	MNTSSO	18		P		ANCHOR RELEASED VERY HARD. RIGGED UP POWER SWIVEL AND SWIVELED 14 JOINTS OF TUBING OUT OF WELL EOT @ 9567'. SECURE WELL
	19:00 19:00	0.00	MNTSSO	18		P		SHUT DOWN FOR DAY USED 600 BBL 2% KCL USED 70 GALLONS DIESEL USED 500 GALLONS LPG
3/16/2013	6:00 7:30	1.50	MNTSSO	46		P		CREW TRAVEL SAFETY MEETING (SWIVELING TUBING OUT OF HOLE) FILL OUT AND REVIEW JSA
	7:30 19:00	11.50	MNTSSO	18		P		OPEN WELL, START SWIVELING OUT FROM 9567' E.O.T., 7" TAC @ 9334', POOH W/212 JTS TOTAL, HAVE TO WORK 7" TAC ALL THE WAY, E.O.T. @ 3298'- 98 JTS IN ABOVE 7" TAC. SECURE WELL
	19:00 19:00	0.00	MNTSSO	18		P		SHUT WELL IN FOR DAY USED 100 BBLs 2% KCL 100 GALLONS LPG USED 60 GALLONS DIESEL
3/17/2013	6:00 7:30	1.50	MNTSSO	46		P		CREW TRAVEL SAFETY MEETING (STRIPPING RODS OUT OF HOLE) FILL OUT AND REVIEW JSA
	7:30 10:30	3.00	MNTSSO	18		P		SWIVEL OUT TBG FROM 3298'-98 JTS IN. SWIVEL OUT 10 JTS TO 3/4 FISH. CHANGE HANDLING TOOLS TO RODS, UNSEAT ROD PUMP.
	10:30 11:30	1.00	MNTSSO	18		P		FLUSH RODS & SPRAY OFF RIG FLOOR & AROUND WELLHEAD.
	11:30 14:00	2.50	MNTSSO	18		P		POOH W/REST OF 3/4 RODS, 10-1 1/2 K-BARS, L.D. ROD PUMP, CHANGE OVER TO HANDLE TBG.
	14:00 16:00	2.00	MNTSSO	18		P		POOH W/TBG FROM JT 222, 7" TAC HANGING UP THE REST OF THE WAY OUT, L.D. BHA.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (ft)	Operation
	16:00 18:00	2.00	MNTSSO	18		P		R.U. DELSCO-RUN T.D. CHECK... @ 11368. R.D.DELSCO, SECURE WELL
	18:00 18:00	0.00	MNTSSO	18		P		SHUT DOWN FOR DAY USED 70 GALLONS DIESEL USED 100 GALLONS PROPANE USED 150 BBLs KCL
3/18/2013	6:00 6:00	24.00	MNTSSO	18		P		NO ACTIVITY DOWN FOR WEEKEND
3/19/2013	6:00 7:00	1.00	PRDHEQ	46		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIGGING DOWN POWER SWIVEL
	7:00 8:00	1.00	PRDHEQ	42		P		R/D POWER SWIVLE
	8:00 13:00	5.00	PRDHEQ	42		P		P/U 5 3/4" SOILD NO-GO 2-JTS OF 2 7/8" TBG 4 1/2" PBGA SHELL 2' X 2 7/8" TBG SUB 2 7/8" PSN 6' X 2 7/8" TBG SUB 4-JTS OF 2 7/8" TBG 7" TAC w CARBIDE SLIPS P/U 41 JTS CONTINUE OUT OF DERRICK w 264 JTS OF 2 7/8" TBG P/U 3-JTS 2 7/8" NEW TBG... (TTL 308 JTS ABOVE TAC) SET TAC AT 9777' EOT 10007'
	13:00 15:00	2.00	PRDHEQ	42		P		FLUSH TBG RIG DOWN FLOOR N/D BOPE N/U WELL HEAD CHANGE HANDLING TOOLS
	15:00 18:00	3.00	PRDHEQ	42		P		P/U AND PRIME 2 1/2" X 1 3/4" X 38' RHBC PUMP w DIP TUBE 10-K BARS 140-3/4" (10-NEW ON TOP OF TAPER) P/U POLISH SECURE WELL SDFN
3/20/2013	6:00 7:00	1.00	PRDHEQ	46		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING RODS
	7:00 10:30	3.50	PRDHEQ	42		P		FINISH TOH w 110-7/8" 131-1" RODS SPACE OUT w 8' 8' 2' 2' X 1" PONY RODS FILL TBG w 35 BBLs TEST AND STROKE TO 1000 PSI TEST GOOD
	10:30 14:00	3.50	PRDHEQ	42		P		RDMO SLIDE ROTO FLEX TURN WELL OVER TO PRODUCTION

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2	Summary.....	1
2.1	Operation Summary.....	1