

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>		5. MINERAL LEASE NO: Fee	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: El Paso E & P Company, LP		9. WELL NAME and NUMBER: DWR 3-32B5	
3. ADDRESS OF OPERATOR: 1099 18th St. Ste. 1900 CITY Denver STATE CO ZIP 80202		PHONE NUMBER: (303) 291-6417	10. FIELD AND POOL, OR WILDCAT: Altamont/BlueBell 53
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1300 ESL 1173 FWL 544398X 4456508Y 40, 259753 -110.477905		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 32 T2S R5W	
AT PROPOSED PRODUCING ZONE:			
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 7.25 miles Northwest of Duchesne, Utah		12. COUNTY: Duchesne	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1173'	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 640	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) +/-3,000' (1-32B5)	19. PROPOSED DEPTH: 13,300	20. BOND DESCRIPTION: 400JU0708	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6188' ungraded ground	22. APPROXIMATE DATE WORK WILL START: 5/1/2009	23. ESTIMATED DURATION: 56 days	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
17-1/2	13-3/8	J-55	54.5	600	Class G 400 sx	1/15cft/sk	15.6 lb/sk
12-1/4	9-5/8	N-80	40	5,352	Lead: Prem lite 600 sx	3.2cft/sk	11.0lb/sk
					Tail: Class G 160 sx	1.25cft/sk	14.4 lb/sk
8-3/4	7	HCP-110	29	9,327	Lead: Class G 420 sx	1.65cft/sk	12.49 lb/sk
					Tail: Class G 60	1.62cft/sk	14.1 lb/sk
6-1/8	4-1/2	P-110	15.1	13,300	Class G 240 sx	1.86cft/sk	14.5 lb/sk

25. ATTACHMENTS

**CONFIDENTIAL**

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"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Marie O'Keefe TITLE Sr. Regulatory Analyst  
SIGNATURE *Marie O'Keefe* DATE 2/5/2009

(This space for State use only)

API NUMBER ASSIGNED: 43-013-34207

Approved by the  
Utah Division of  
Oil, Gas and Mining  
APPROVAL:

Date: 03-15-09  
By: *[Signature]*

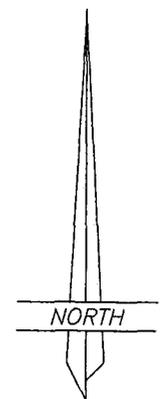
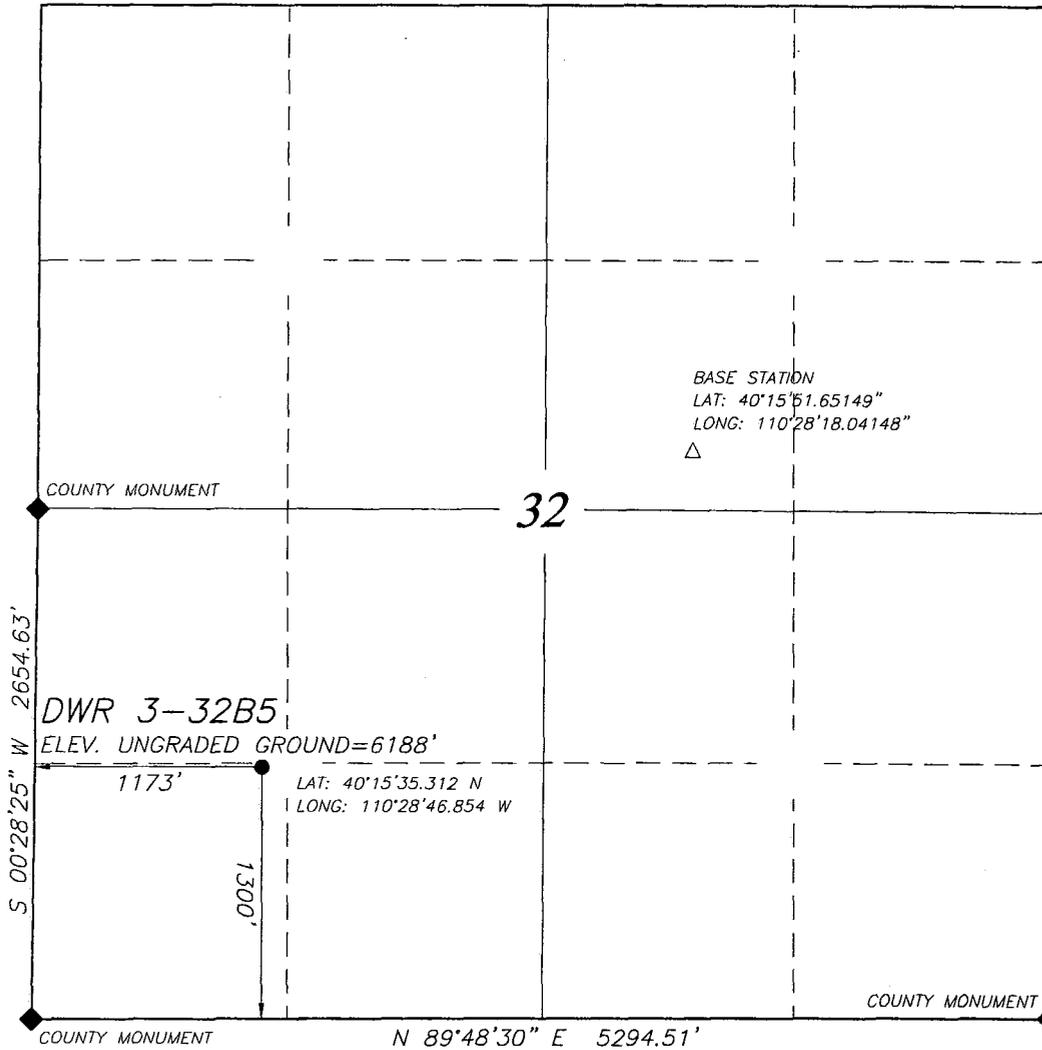
RECEIVED  
FEB 09 2009  
DIV. OF OIL, GAS & MINING

# EL PASO E & P COMPANY, L.P.

WELL LOCATION

DWR 3-32B5

LOCATED IN THE SW¼ OF THE SW¼ OF SECTION 32, T2S, R5W, U.S.B.&M. DUCHESNE COUNTY, UTAH



SCALE: 1" = 1000'

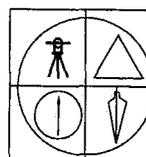
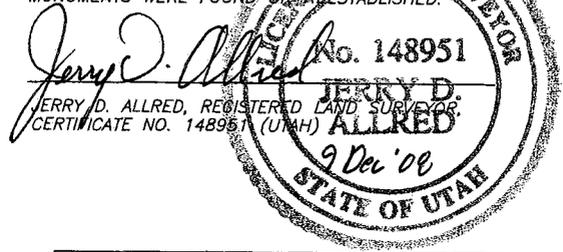


LEGEND AND NOTES

- ◆ 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
- BASIS OF BEARINGS: G.P.S. OBSERVATION WITH BASE STATION AS INDICATED
- BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE POST PROCESSED GPS ELEVATION AT THE BASE STATION OF 6130.71

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

28 NOV 2008 01-128-062

**DWR 3-32B5**  
**Sec. 32, 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	5,452'
Mahogany Bench	6,349'
L. Green River	7,693'
Wasatch	9,227'
TD	13,300'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	5,452'
	Mahogany Bench	6,349'
Oil	L. Green River	7,693'
Oil	Wasatch	9,227'

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 5,352' on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 5,352' to 9,327". An 11.0", 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 9,327' to 13,300'. 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 9,327' 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 – 5,352' 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 13,300' TD equals approximately 8,991 psi (calculated at 0.6760 psi/foot).

Maximum anticipated surface pressure based on bottom hole pressure equals approximately 6,065 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 9-5/8" casing shoe is 0.8 psi/ft at 5,352' = 4,282 psi

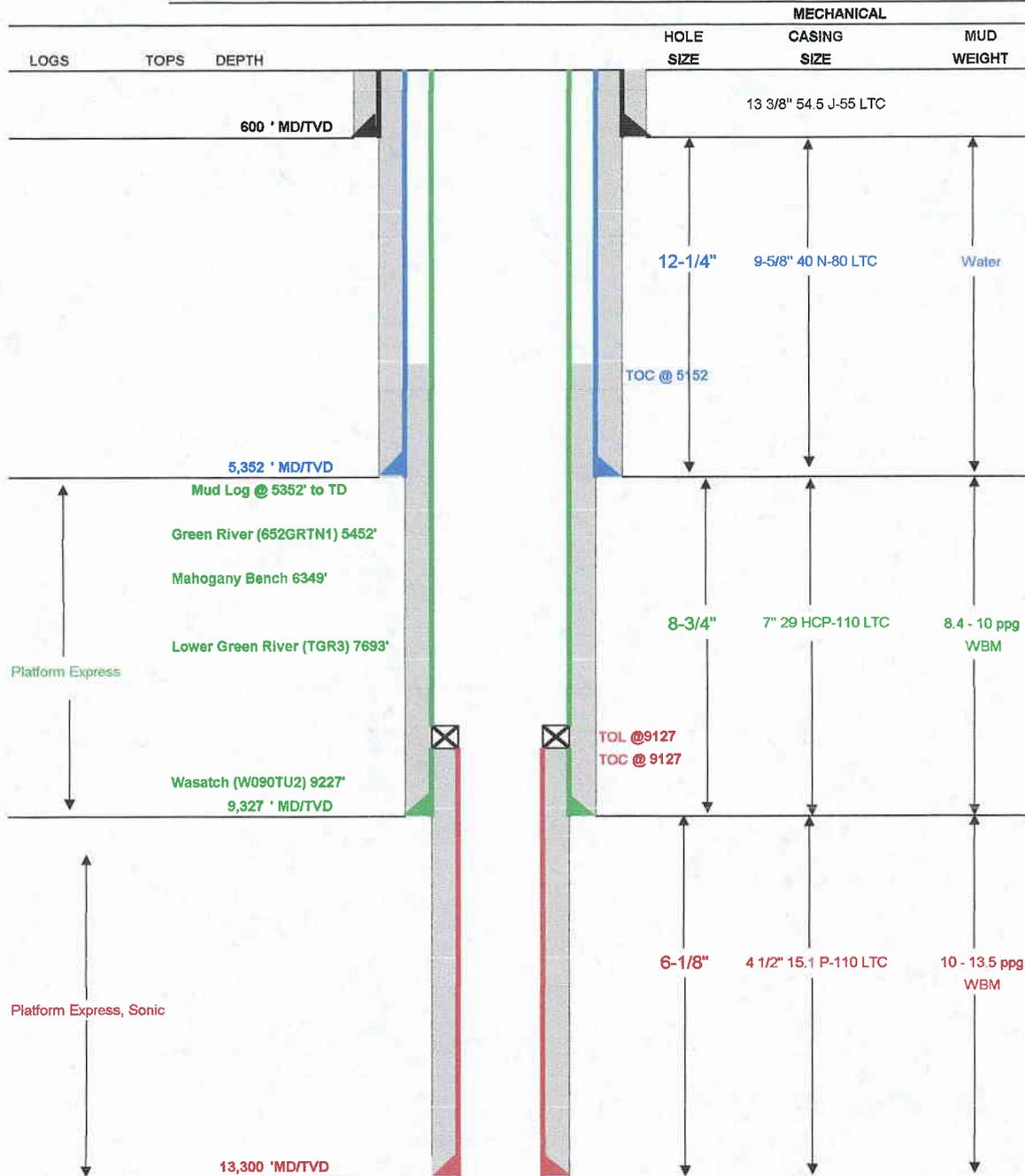
BOPE and casing design is based on the lesser of the two MASPs which is frac at shoe 4,282 psi

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



**Drilling Schematic**

Company Name: <u>El Paso Exploration &amp; Production</u>	Date: <u>January 16, 2009</u>
Well Name: <u>DWR #3-32B5</u>	TD: <u>13,300</u>
Field, County, State: <u>Altamont - Bluebell, Duchesne, Utah</u>	AFE #: _____
Surface Location: <u>Sec32 T2S R5W 1300' FSL 1173' FWL</u>	BHL: <u>Straight Hole</u>
Objective Zone(s): <u>Green River, Wasatch</u>	Elevation: <u>6197</u>
Rig: <u>Precision drilling 426</u>	Spud (est.): <u>May 1, 2009</u>
BOPE Info: <u>5.0 x 13 3/8 rotating head from 600' to 5352 11 5M BOP stack and 5M kill lines and choke manifold used from 5352 to 9327 &amp; 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams &amp; mud cross from 9327 to TD</u>	



**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 21.45 5,750	1,140 9.68 3,090	1,399M 7.51 737
SURFACE	9-5/8"	0' - 5352	40.00	N-80	LTC	1.92 11,200	1.23 9,200	0.00 797,000
INTERMEDIATE	7"	0' - 9327	29.00	HCP-110	LTC	2.26 14,420	1.90 14,350	2.15 408,000
PRODUCTION LINER	4 1/2"	9127' - 13300	15.1	P-110	LTC	2.03	1.54	2.54

CEMENT PROGRAM	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR	600	Class G + 3% CaCl2	400	10%	15.6 ppg	1.15
SURFACE	Stage 1: Lead	Premium Lite II Plus, 2% CaCl2 0.3% FL52 0.5% Sodium Metasilicate	600	25%	11.0 ppg	3.2
	Tail	Class G 50:50 poz, 2% CaCl2, 2% gel 0.3% sodium metasilicate	160	25%	14.4 ppg	1.25
INTERMEDIATE	Lead	CemCRETE Blend 55.9/44.1 (D961/D124) + 0.2 %bwob D65 + 0.2 %bwob D46 + 0.4 %bwob D13 + 0.2 %bwob D167	420	25%	12.49 ppg	1.65
	Tail	10:0 RFC (Class G)	60	25%	14.1 ppg	1.62
PRODUCTION LINER	4,173	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	240	10%	14.5 ppg	1.86

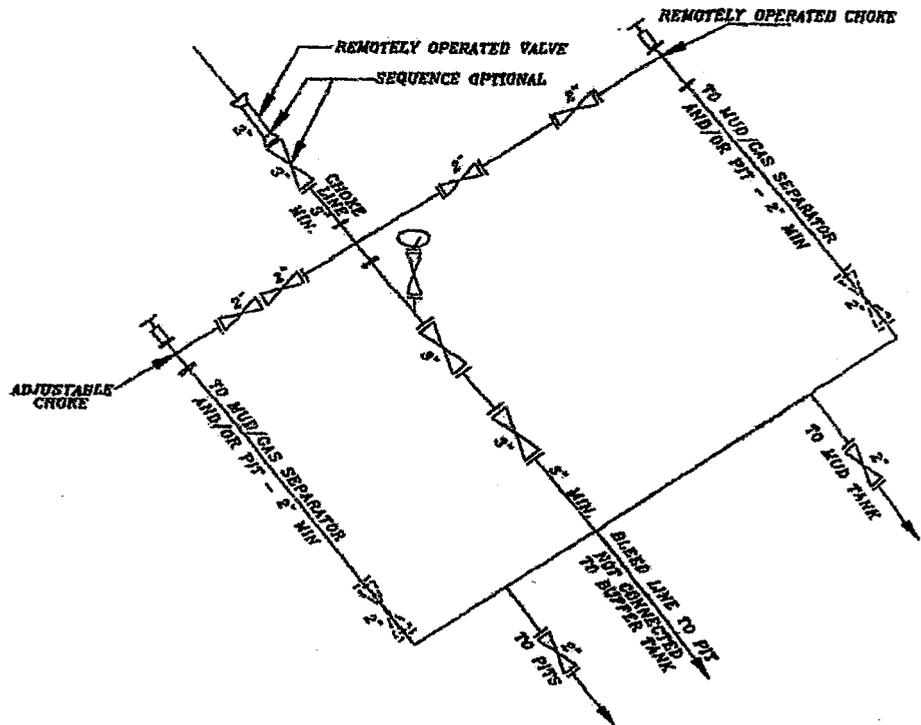
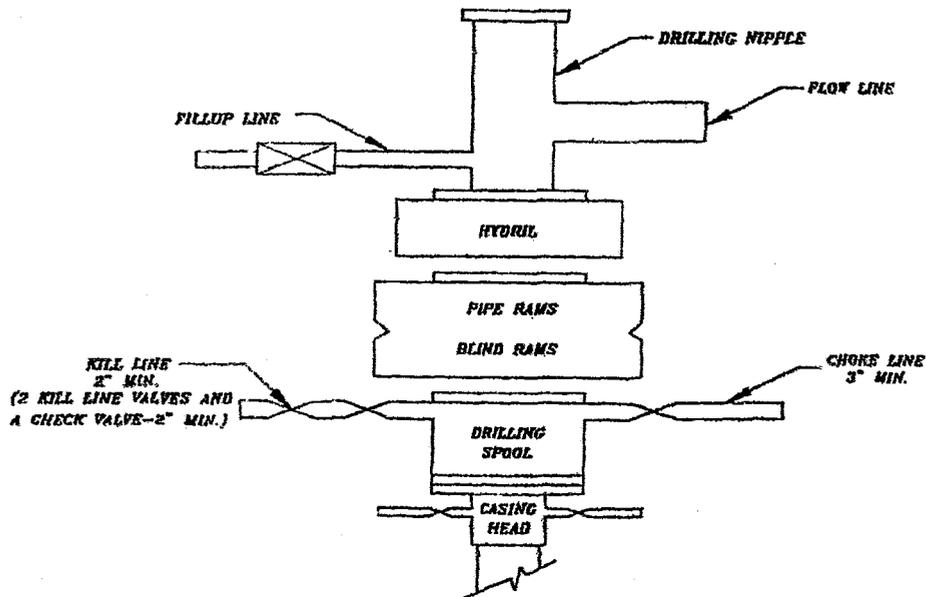
**FLOAT EQUIPMENT & CENTRALIZERS**

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

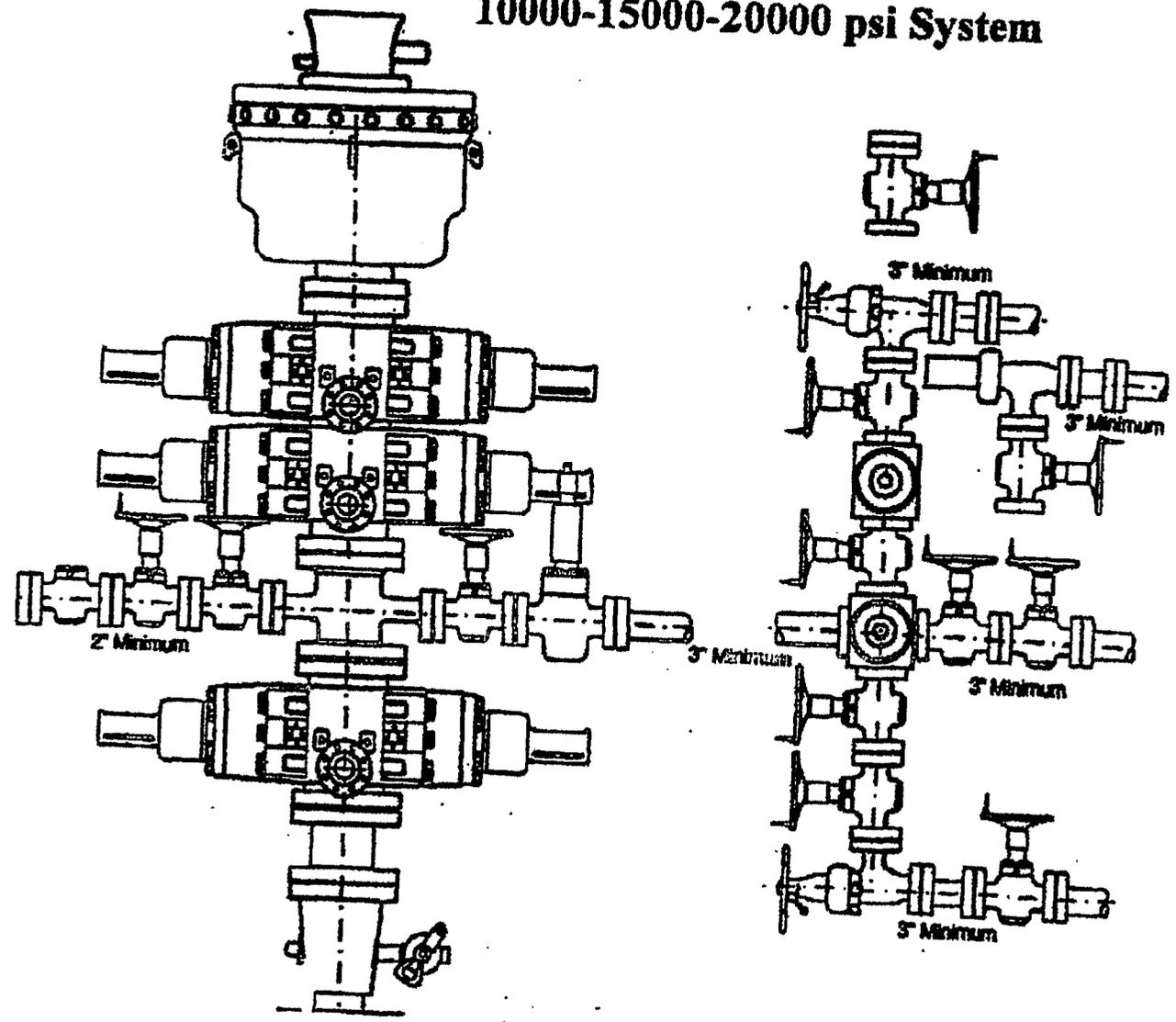
PROJECT ENGINEER(S): Travis Lauer

MANAGER: Frank Seidel

# 5M BOP STACK and CHOKE MANIFOLD SYSTEM



# 10000-15000-20000 psi System



**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 .07 miles in length and 40 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**.
- Water wells/source within one (1) mile radius of proposed well shown on the Utah Division of Water Rights Map and Listing.

**4. Location And Type Of Drilling Water Supply:**

- Water Right #43-7323 @ 1-32B5 location.
- If necessary, an alternative water source would be the Duchesne City culinary water.

**5. Existing/Proposed Facilities For Productive Well:**

- There are no existing facilities that will be utilized for this well.
- The pipeline will be constructed as shown on **Exhibit D**. A pipeline will be run 1 mile to hook up to the existing facility at the 1-32B5 well. 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 15<sup>th</sup>, and prior to ground frost, or seed will be planted after the frost has left and before May 15<sup>th</sup>. Slopes too 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:**

Included is the Surface Use Agreement with:  
Utah Department of Natural Resources  
Utah Division of Wildlife Resources  
1594 West North Temple, Suite 2110  
PO Box 146301  
Salt Lake City, Utah 84114

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 O'Keefe  
1099 18<sup>th</sup> St. Ste. 1900  
Denver, CO. 80202  
303.291.6417 - Office

**Drilling**

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



Online Services Agency List Business

# Utah Division of Water Rights

Select Related Information

**(WARNING: Water Rights makes NO claims as to the accuracy**

WATER RIGHT: **43-7323** APPLICATION/CLAIM NO.: A42293 CERT. NO.:

**OWNERSHIP\*\*\*\*\***

NAME: Shell Oil lCorp  
ADDR: 1700 Broadway  
Denver CO 80202  
INTEREST: 100% REMARKS:

**DATES, ETC.\*\*\*\*\***

LAND OWNED BY APPLICANT?  
FILED: 03/26/1973|PRIORITY: 03/29/1973|PUB BEGAN: 04/12/1973|PUB ENDED:  
ProtestEnd: |PROTESTED: [No ]|HEARNG HLD: |SE ACTION: [Approv  
EXTENSION: |ELEC/PROOF:[Election]|ELEC/PROOF:06/16/1975|CERT/WUC: 12/27/1  
RUSH LETTR: |RENOVATE: |RECON REQ: |TYPE: [  
PD BOOK: [ 43- ]|MAP: [203b ]|PUB DATE:  
Type of Right: Application to Appropriate Source of Info: Water User's Claim

**LOCATION OF WATER RIGHT\*\*\* (Points of Diversion: Click on Location to access PLAT Pro**

FLOW: 0.015 cfs SOURCE: Underground Water Well  
COUNTY: Duchesne COMMON DESCRIPTION:

POINT OF DIVERSION -- UNDERGROUND: (Click Well ID# link for more well data.)  
[\(1\) S 2348 ft W 1654 ft from NE cor, Sec 32, T 2S, R 5W, USBM](#)  
DIAMETER OF WELL: 8 ins. DEPTH: 600 to ft. YEAR DRILLED: 1973 WELL LOG? Yes  
Comment:

**USES OF WATER RIGHT\*\*\*\*\* ELU -- Equivalent Livestock Unit (cow, horse, etc.) \*\*\*\***

SUPPLEMENTAL GROUP NO. 217951.

INDUSTRIAL: Oil Well Drilling Purposes.  
Acre Feet Contributed by this Right for this Use: 10.8597

###PLACE OF USE:	*-----NORTH WEST QUARTER-----*				*-----NORTH EAST QUARTER-----*			
	* NW	NE	SW	SE	* NW	NE	SW	
<a href="#">Sec 31 T 2S R 5W USBM</a>	*X	X	X	X	*X	X	X	X
<a href="#">Sec 32 T 2S R 5W USBM</a>	*X	X	X	X	*X	X	X	X
<a href="#">Sec 33 T 2S R 5W USBM</a>	*X	X	X	X	*X	X	X	X

**OTHER COMMENTS\*\*\*\*\***

FLOW: Claim 7323 limited to a yearly diversion of 10.95 Acre Feet.

\*\*\*\*\*  
\*\*\*\*\*E N D O F D A T A\*\*\*\*\*  
\*\*\*\*\*

Utah Division of Water Rights | 1594 West North Temple Suite 220, P.O. Box 146300, Salt Lake City, Utah 84114-6300 | 801-538-7240

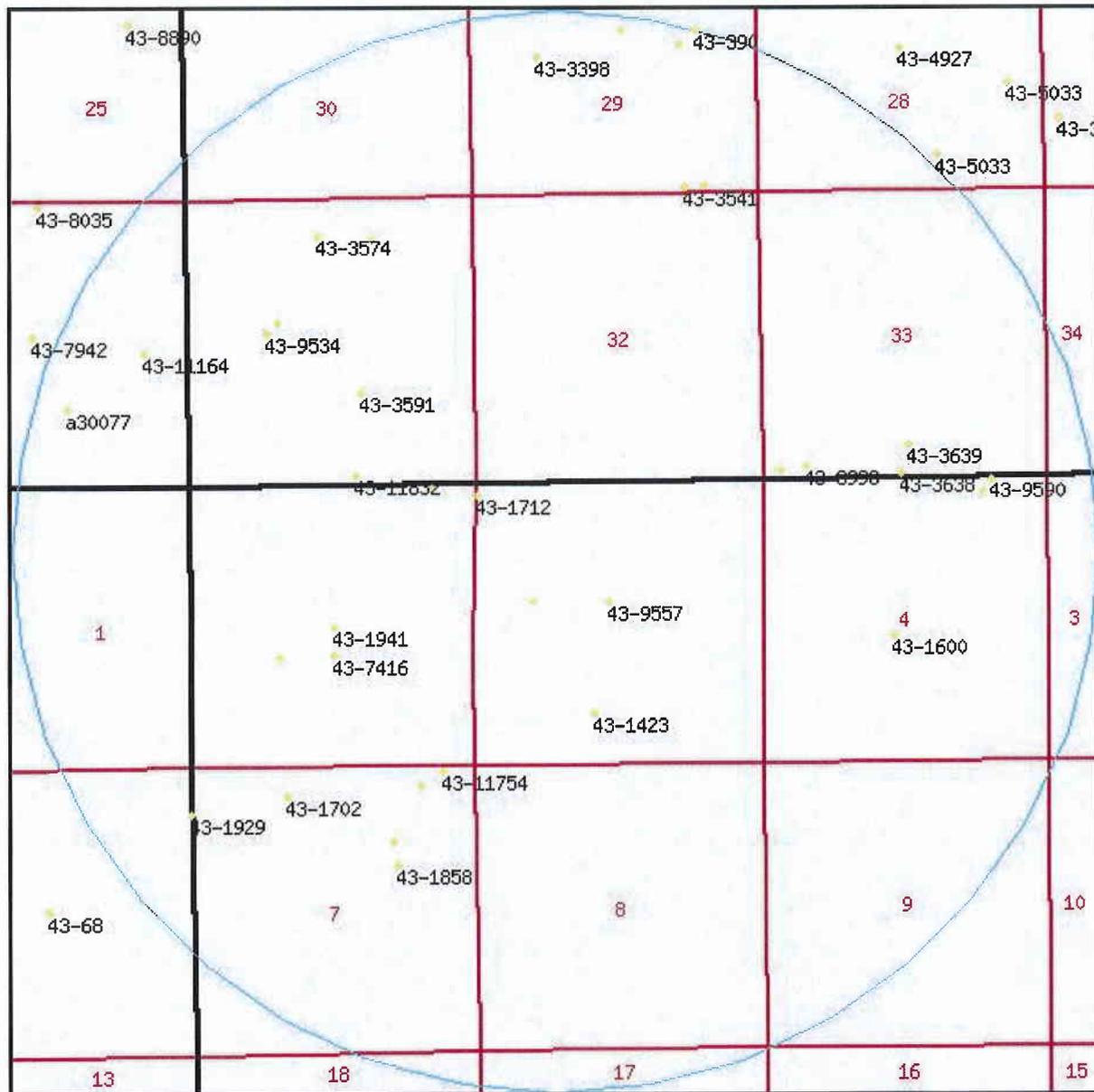
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# Utah Division of Water Rights

## WRPLAT Program Output Listing

Version: 2007.04.13.01    Rundate: 02/05/2009 11:02 AM

Radius search of 10000 feet from a point S1300 W1173 from the S4 corner, section 32, Township 2S, Range 1W, US b&m Criteria:wrtypes=W,C,E podtypes=all status=U,A,P usetypes=all



## Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner
<u>43-4927</u>	Point to Point S660 W660 E4 28 2S 1W US		P	1912	DS	0.011	0.000	E. P. EVANS 1453 SHERMAN A
<u>43-11164</u>	Surface S180 W800 E4 36 2S 2W US		A	20010626	IS	0.000	3.730	GAYLEN ROBISC P.O. BOX 72
<u>43-11738</u>	Surface S1400 W1500 NE 07 3S 1W US		A	20060307	S	0.000	1.480	MICHAEL PERRY TRUST C/O MICHAEL PE YERGENSEN TRU
<u>43-11754</u>	Surface S350 W1000 NE 07 3S 1W US		A	20060406	S	0.000	1.480	MICHAEL PERRY TRUST C/O MICHAEL PE YERGENSEN TRU
<u>43-11754</u>	Surface S110 W600 NE 07 3S 1W US		A	20060406	S	0.000	1.480	MICHAEL PERRY TRUST C/O MICHAEL PE YERGENSEN TRU
<u>43-11832</u>	Underground N170 E415 S4 31 2S 1W US	<u>well info</u>	A	20061002	DI	0.000	1.200	BUD WESS RT 1 BOX 1559
<u>43-12150</u>	Spring N419 E2443 W4 05 3S 1W US		A	20080908	S	0.000	0.280	WILLIAM AND J RR 2 BOX 2213
<u>43-1423</u>	Surface N945 W465 S4 05 3S 1W US		P	19401226	IS	3.000	0.000	UNIVERSAL ENI 680 EAST 2620 N
<u>43-1600</u>	Surface S280 E2420 W4 04 3S 1W US		P	19600321	IS	1.500	0.000	STACEY A. BATH RT 2 BOX 2020
<u>43-1702</u>	Surface S541 W865 N4 07 3S 1W US		P	19130327	I	0.630	0.000	LUTHER E. POTI MYTON UT 8405
<u>43-1712</u>	Surface S102 W827 NE 06 3S 1W US		P	19200228	DI	0.856	0.000	D.D. CARTER ROOSEVLET UT
<u>43-1712</u>	Surface S225 0 NE 06 3S 1W US		P	19200228	DI	0.856	0.000	D.D. CARTER ROOSEVLET UT
<u>43-1858</u>	Surface		P	19590825	IS	0.310	0.000	ELMER B. YERGI

	N800 W1480 E4 07 3S 1W US					MYTON UT 8405
<u>43-1909</u>	Surface	P	19550802 IS	0.250 8.570		DANIEL E. AND CROZIER 3387 SOUTH 5000
	0 W2640 E4 12 3S 2W US					
<u>43-1929</u>	Underground	P	19570607 DI	0.015 0.000		VAN O. FULLME ROOSEVELT UT
	S774 E2640 N4 12 3S 2W US					
<u>43-1941</u>	Underground	P	19350200 D	0.013 0.000		L. E. POTTER ROOSEVELT UT
	S50 W2614 E4 06 3S 1W US					
<u>43-2238</u>	Underground	P	19720706 DO	0.015 0.000		PLATEAU INC. P.O.BOX 108
	S2230 E170 N4 29 2S 1W US					
<u>43-2507</u>	Underground	P	19610828 DIS	0.010 0.000		DOYLE M. LISON ROOSEVELT UT
	S750 E780 N4 31 2S 1W US					
<u>43-3211</u>	Rediversion	P	19300509 I	0.820 0.000		EPHRAIM LAMB ROOSEVELT UT
	S2250 E1719 NW 31 2S 1W US					
<u>43-3300</u>	Underground	P	19451121 D	0.015 0.000		BRUCE V. SMITH ROOSEVELT UT
	N1300 E242 SW 27 2S 1W US					
<u>43-3354</u>	Underground	P	19461231 DIS	0.015 0.000		H. L. ALLRED ROOSEVELT UT
	N150 W990 SE 29 2S 1W US					
<u>43-3398</u>	Underground	P	19490429 S	0.015 0.000		JOSEPH A. SHRIE BOX 727
	S40 E1203 W4 29 2S 1W US					
<u>43-3405</u>	Underground	P	19500410 OS	0.015 0.000		C/O ROY TODD U BARN 411 EAST 4TH NC
	S2271 W1110 NE 29 2S 1W US					
<u>43-3541</u>	Underground	P	19560324 D	0.015 0.000		EVAN F. GOODR ROOSEVELT UT
	N100 W1350 SE 29 2S 1W US					
<u>43-3564</u>	Underground	P	19570104 D	0.015 0.000		JOSEPH F. HARR TOD PARK UT
	N150 E300 SW 33 2S 1W US					
<u>43-3574</u>	Underground	P	19580207 S	0.015 0.000		FRANCIS L. HAR ROOSEVELT UT
	S676 W200 N4 31 2S 1W US					
<u>43-3583</u>	Underground	P	19581120 DI	0.015 0.000		EVAN F. GOODR

well  
info

	N100 W1425 E4 29 2S 1W US					ROOSEVELT UT	
<u>43-3591</u>	Underground S974 W2097 E4 31 2S 1W US	P	19590423 D	0.015 0.000	RONALD A. EKS	ROOSEVELT UT	
<u>43-3638</u>	Underground N50 W70 S4 33 2S 1W US	P	19620413 D	0.015 0.000	ARCH AND MAB	ROUTE #2, BOX	
<u>43-3639</u>	Underground N600 E50 S4 33 2S 1W US	P	19620413 S	0.015 0.000	ARCH AND MAB	ROUTE #2, BOX	
<u>43-390</u>	Underground S2277 W1110 NE 29 2S 1W US	P	19570828 DOS	0.015 0.000	ROY M. TODD	ROOSEVELT UT	
<u>43-5033</u>	Underground N660 E660 S4 28 2S 1W US	P	19150000 DIS	0.056 0.000	HELENE Y. GREI	4684 SOUTH 100	
<u>43-5033</u>	Underground S660 W660 E4 28 2S 1W US	P	19150000 DIS	0.056 0.000	HELENE Y. GREI	4684 SOUTH 100	
<u>43-68</u>	Surface 0 W2640 E4 12 3S 2W US	P	19670901 IS	1.500 0.000	DANIEL E. AND CROZIER	3387 SOUTH 5000	
<u>43-7408</u>	Underground N2030 E1640 SW 06 3S 1W US	P	19740201 IS	0.500 0.000	HAROLD B. WHI	ROUTE 2	
<u>43-7416</u>	Underground N2060 0 S4 06 3S 1W US	P	19740225 IS	0.735 0.000	GRANT FARRER	MIDWAY UT 840	
<u>43-7942</u>	Underground S2460 W172 N4 36 2S 2W US	P	19770223 IS	0.015 0.000	ALEX L. AND NE	P.O. BOX 401	
<u>43-8034</u>	Underground S76 W50 N4 36 2S 2W US	<a href="#">well info</a>	P	19770223 DS	0.015 0.000	ALEX L. AND NE	P.O. BOX 401
<u>43-8035</u>	Underground S76 W50 N4 36 2S 2W US	<a href="#">well info</a>	P	19770223 DIS	0.015 0.000	RAY W. AND FL	P.O. BOX 401
<u>43-8054</u>	Underground N420 E1055 W4 05 3S 1W US	P	19770315 DIS	0.015 0.000	LES C. AND LAU MOUNTEER	4881 SOUTH 4180	

<u>43-8890</u>	Abandoned Well	<u>well info</u>	P	19810211 O	0.015 4.860	JOHN W. BURDICK 891 NORTH CAN 4)
	N612 W1011 E4 25 2S 2W US					
<u>43-8998</u>	Underground	<u>well info</u>	P	19810615 IS	0.015 0.890	A. DON DAVIES JANE DAVIES RT 2 BOX 2249
	N230 E769 SW 33 2S 1W US					
<u>43-9534</u>	Underground	<u>well info</u>	P	19840411 D	0.015 0.000	ELLEN BOWTHC P.O. BOX 1748 3578 TRUST - STI TRUSTEE
	N200 E1460 W4 31 2S 1W US					
<u>43-9557</u>	Surface		A	19840530 S	0.015 0.000	P. O. BOX 513
	N418 E2444 W4 05 3S 1W US					
<u>43-9589</u>	Surface		P	19840806 IS	0.015 1.022	STACY A. BATEM RT. 2 BOX 2020
	S323 W1190 NE 04 3S 1W US					
<u>43-9590</u>	Surface		P	19840806 IS	0.015 1.170	STACY A. BATEM RT. 2 BOX 2020
	S82 W1038 NE 04 3S 1W US					
<u>a30077</u>	Surface		A	20050414 IS	0.000 3.730	GAYLEN ROBISC P.O. BOX 72
	N1430 W2230 SE 36 2S 2W US					

Utah Division of Water Rights | 1594 West North Temple Suite 220, P.O. Box 146300, Salt Lake City, Utah 84114-6300 | 801-538-7240

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**EL PASO E&P COMPANY, L.P.**

**DWR 3-32B5**

**SECTION 32, 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;

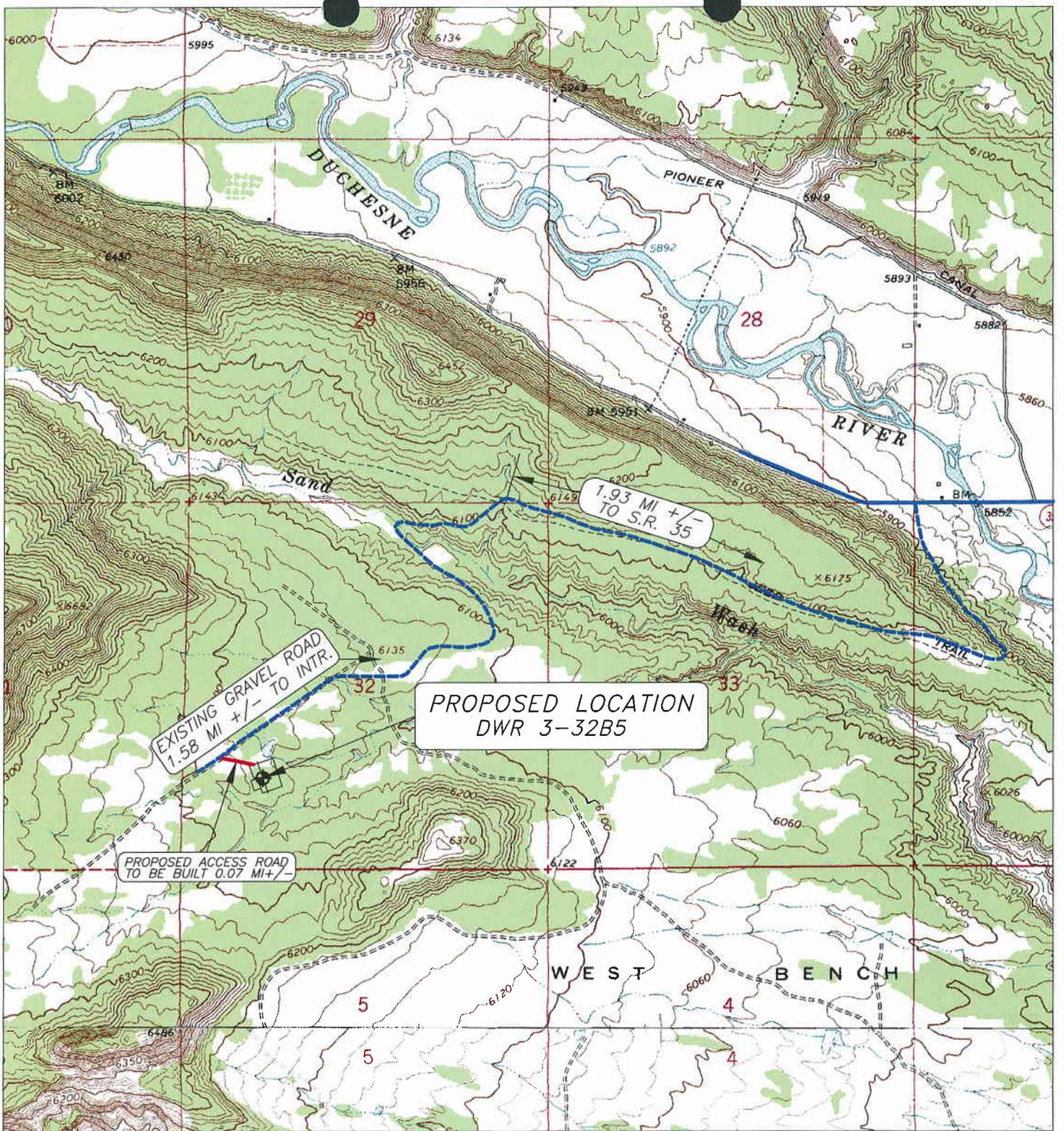
TURN LEFT ON GRAVEL ROAD 1.93 MILES TO AN INTERSECTION;

TURN LEFT ON GRAVEL ROAD 1.58 MILES TO THE BEGINNING OF THE ACCESS ROAD.

FOLLOW ROAD FLAGS EAST APPROXIMATELY 0.07 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 14.62 MILES.





**LEGEND:**

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

01-128-062

JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS

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

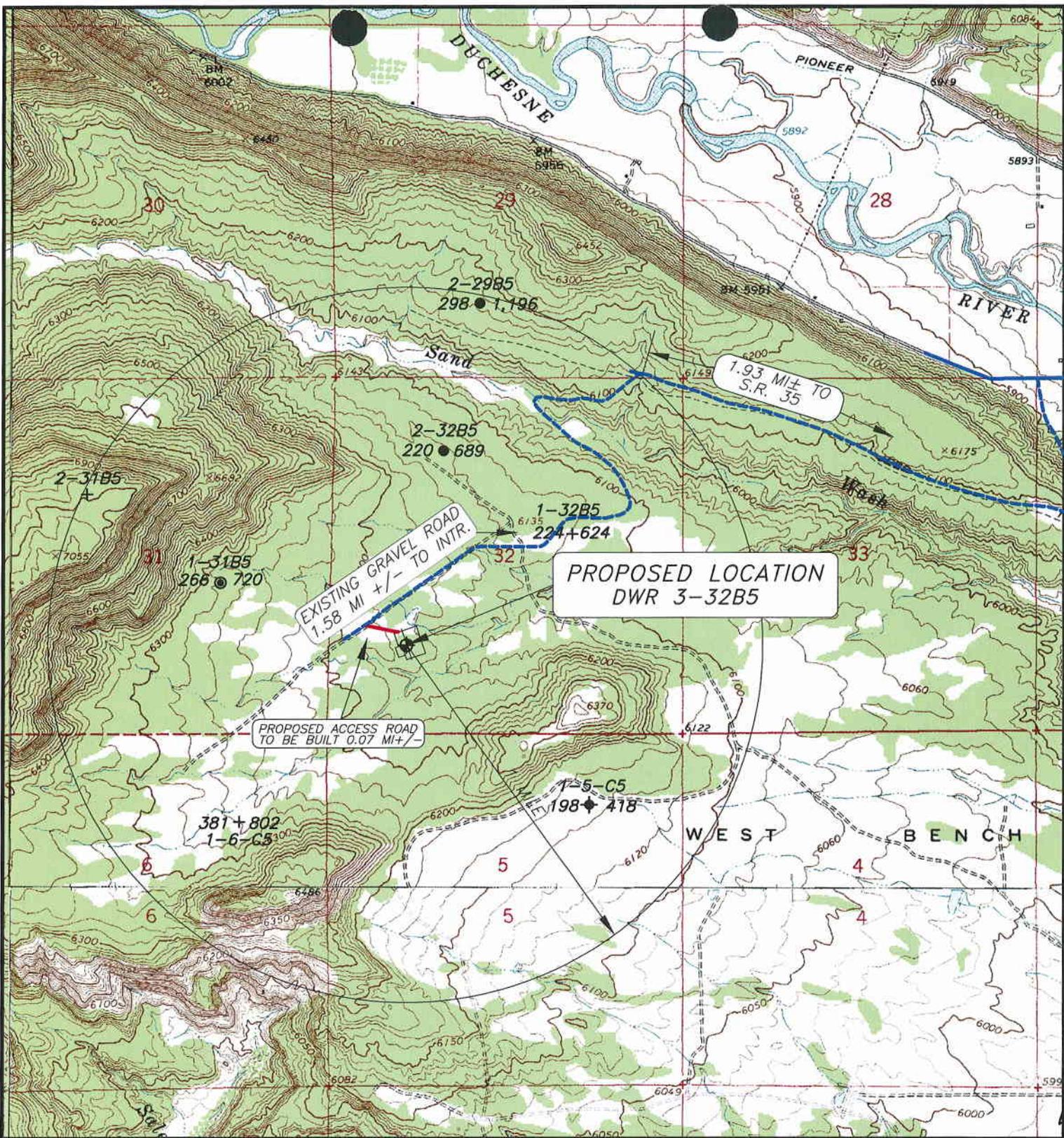


**EL PASO E & P COMPANY, L.P.**

DWR 3-32B5  
SECTION 32, T2S, R5W, U.S.B.&M.  
1300' FSL 1173' FWL

**TOPOGRAPHIC MAP "B"**

SCALE; 1"=2000'  
9 DEC 2008



**LEGEND:**

◆ PROPOSED WELL LOCATION

2-25C6 ○ + ◆ OTHER WELLS AS LOCATED FROM SUPPLIED MAP

01-128-062

**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS

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

**EL PASO E & P COMPANY, L.P.**

DWR 3-32B5

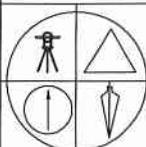
SECTION 32, T2S, R5W, U.S.B.&M.

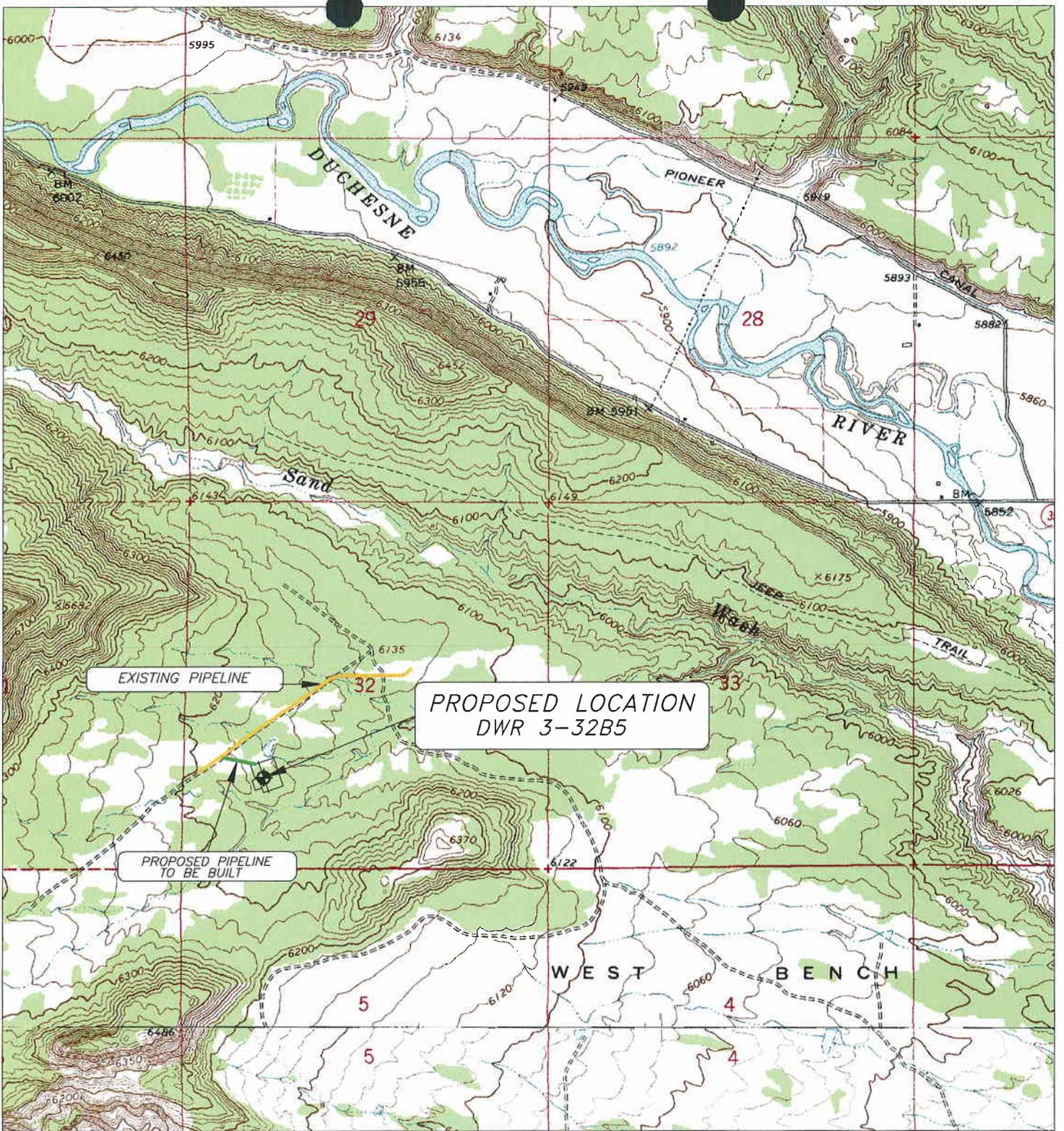
1300' FSL 1173' FWL

**TOPOGRAPHIC MAP "C"**

SCALE; 1"=2000'

9 DEC 2008





**LEGEND:**

-  PROPOSED WELL LOCATION
-  PROPOSED PIPELINE
-  EXISTING PIPELINE

01-128-062

**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS

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



**EL PASO E & P COMPANY, L.P.**

DWR 3-32B5  
SECTION 32, T2S, R5W, U.S.B.&M.  
1300' FSL 1173' FWL

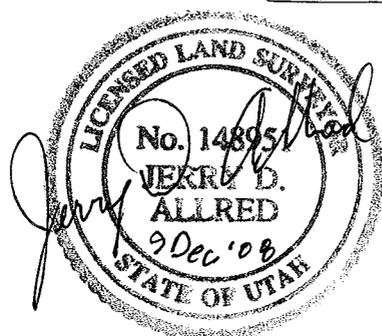
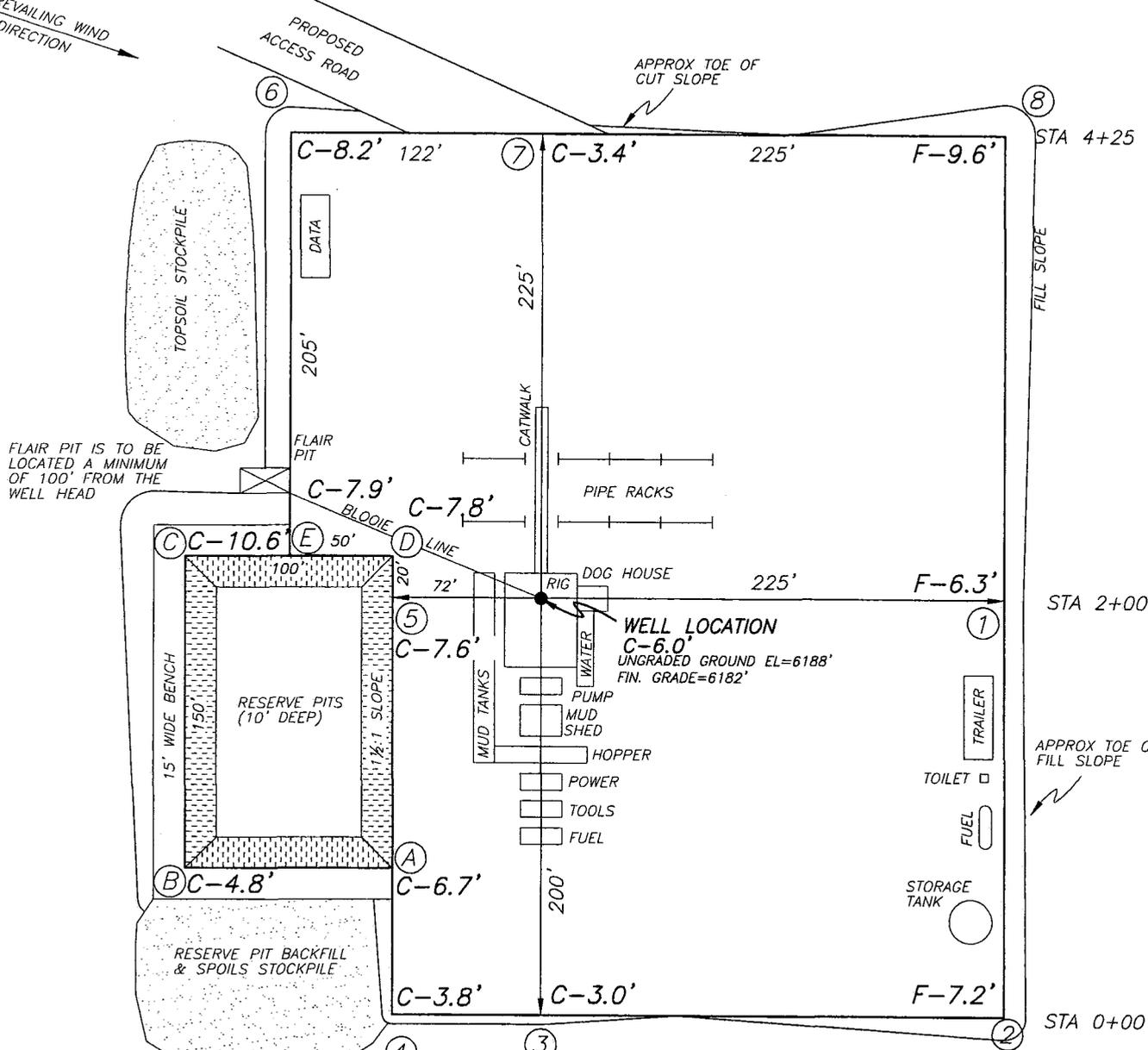
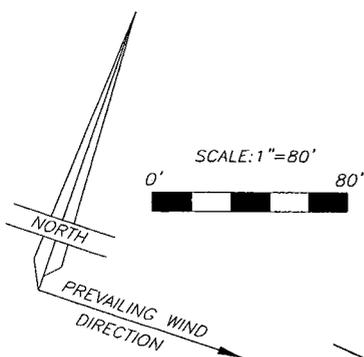
**TOPOGRAPHIC MAP "D"**

SCALE; 1"=2000'  
9 DEC 2008

# EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR  
DWR 3-32B5  
SECTION 32, T2S, R5W, U.S.B.&M.  
1300' FSL, 1173' FWL

FIGURE #1



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

# EL PASO E & P COMPANY, L.P.

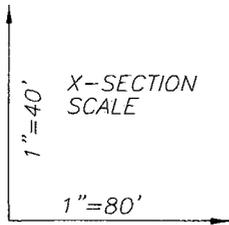
LOCATION LAYOUT FOR

DWR 3-32B5

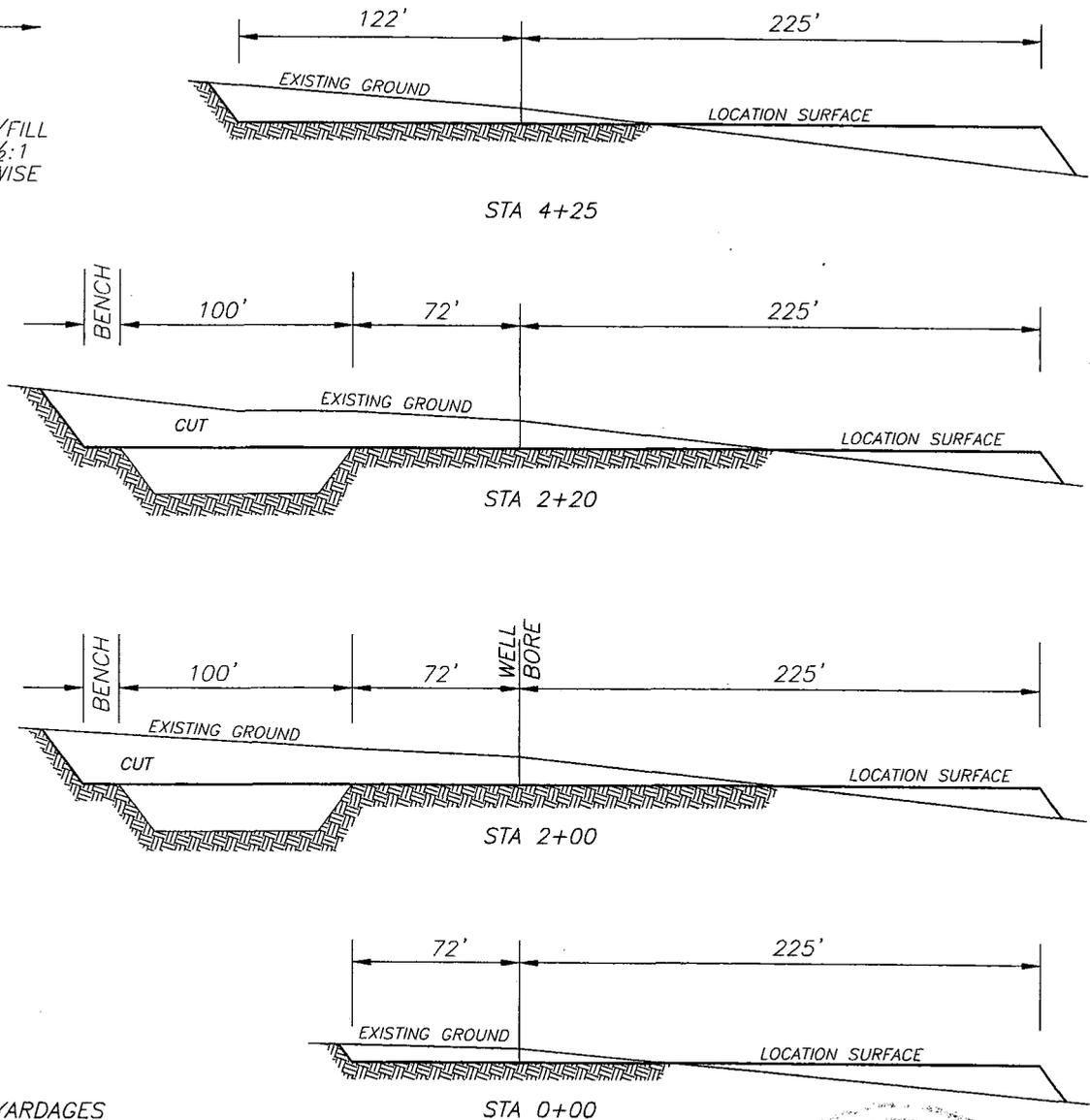
SECTION 32, T22, R5W, U.S.B.&M.

1300' FSL, 1173' FWL

FIGURE #2



NOTE: ALL CUT/FILL SLOPES ARE 1 1/2:1 UNLESS OTHERWISE NOTED



APPROXIMATE YARDAGES

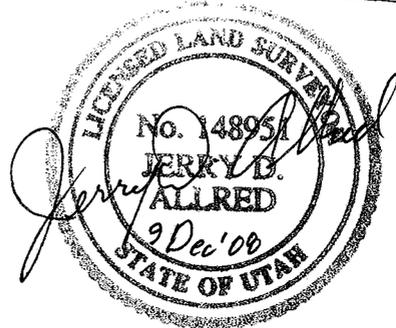
TOTAL CUT (INCLUDING PIT) = 22,534 CU. YDS.

PIT CUT = 4250 CU. YDS.

TOPSOIL STRIPPING: (6") = 3158 CU. YDS.

REMAINING LOCATION CUT = 15,126 CU. YDS.

TOTAL FILL = 8920 CU. YDS.



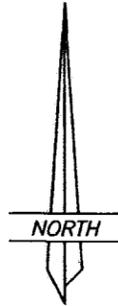
**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS  
1235 NORTH 700 EAST--P.O. BOX 975  
DUCHESNE, UTAH 84021  
(435) 738-5352

FOUND DUCHESNE COUNTY  
MONUMENT AT QUARTER CORNER

# EL PASO E & P COMPANY, L.P.

DWR 3-32B5

LOCATION SURFACE USE AREA &  
CORRIDOR RIGHT-OF-WAY  
SECTION 32, TOWNSHIP 2 SOUTH, RANGE 5 WEST  
UINTAH SPECIAL BASE AND MERIDIAN



SCALE: 1=300'



LINE	BEARING	DISTANCE
L1	S 35°50'45" E	157.30'
L2	S 84°13'07" E	261.00'

**DESCRIPTION OF SURFACE USED BOUNDARY**

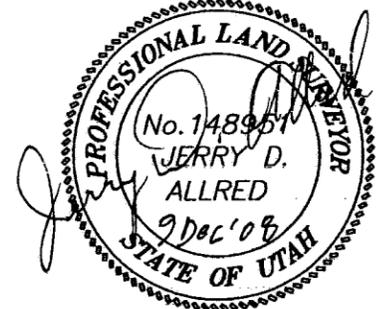
Commencing at the Southwest Corner of Section 32, Township 2 South, Range 5 West of the Uintah Special Base and Meridian;  
Thence North 45°46'00" East 1476.03 feet to the TRUE POINT OF BEGINNING;  
Thence North 18°39'13" West 465.00 feet;  
Thence North 71°20'47" East 452.00 feet;  
Thence South 18°39'13" East 465.00 feet;  
Thence South 71°20'47" West 452.00 feet to the TRUE POINT OF BEGINNING,  
containing 4.83 acres.

**CORRIDOR RIGHT-OF-WAY DESCRIPTION**

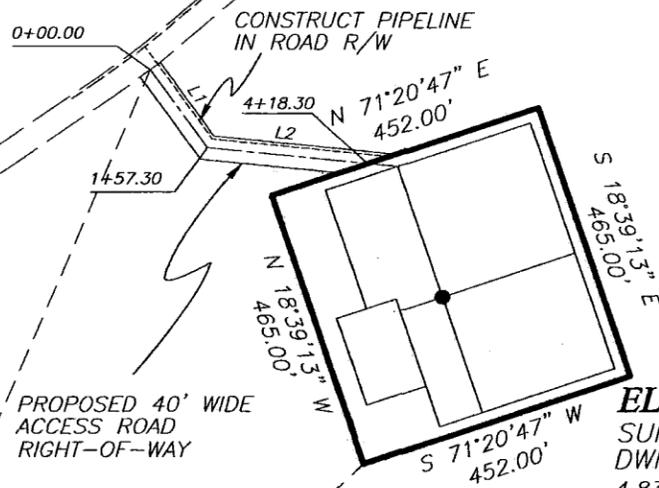
Commencing at the Southwest Corner of Section 32, Township 2 South, Range 5 West of the Uintah Special Base and Meridian;  
Thence North 22°59'58" East 1820.89 feet to the TRUE POINT OF BEGINNING, said point being on the East side of an existing road;  
Thence South 35°50'45" East 157.30 feet;  
Thence South 84°13'07" East 261.00 feet to the proposed El Paso E&P Co. DWR 3-32B5 well location use boundary. Said right-of-way being 418.30 feet in length.  
The side lines of said described right-of-way being shortened or elongated to meet the Use Area boundary and existing road right-of-way lines. The basis of bearings being a bearing of North 00°28'25" East from the Southwest Section Corner to the West Quarter Corner of said Section 32.

**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 parcel of land shown hereon, and that the monuments indicated were found or set during said survey, and that this plat accurately represents said survey to the best of my knowledge.



Jerry D. Allred, Professional Land Surveyor,  
Certificate No. 148951, (Utah)



**EL PASO E & P COMPANY, L.P.**  
SURFACE USE AREA  
DWR 3-32B5  
4.83 ACRES

THIS SURVEY WAS PERFORMED USING G.P.S. (GLOBAL POSITIONING SYSTEM) PROCEDURES AND EQUIPMENT.  
THE BASIS OF BEARINGS IS BASED ON WGS-84 DATUM.

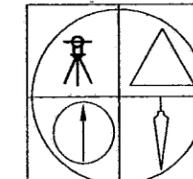
FOUND DUCHESNE COUNTY  
MONUMENT AT SECTION CORNER

SEC 32 SEC 33  
SEC 5 SEC 4

N 89°48'30" E 5294.51'

SEC 31 SEC 32  
SEC 6 SEC 5

FOUND DUCHESNE COUNTY  
MONUMENT AT SECTION CORNER



**JERRY D. ALLRED AND ASSOCIATES**  
SURVEYING CONSULTANTS

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

9 DEC 2008 01-128-062

CULTURAL RESOURCE INVENTORY OF  
LAND PROFESSIONAL'S, INC./EL PASO E&P'S  
PROPOSED DWR 3-32B5 WELL LOCATION  
IN TOWNSHIP 2S, RANGE 5W SECTION 32  
DUCHESNE COUNTY, UTAH

CULTURAL RESOURCE INVENTORY OF  
LAND PROFESSIONAL'S, INC./EL PASO E&P'S  
PROPOSED DWR 3-32B5 WELL LOCATION  
IN TOWNSHIP 2S, RANGE 5W SECTION 32  
DUCHESNE COUNTY, UTAH

By:

Nicole Shelnut

Prepared For:

Utah Division of Wildlife Resources  
P.O. Box 146301  
1594 West North Temple  
Salt Lake City, Utah 84114-6301

Prepared Under Contract With:

Land Professionals, Inc./El Paso E&P  
P.O. Box 3  
Duchesne, UT 84021

Prepared By:

Montgomery Archaeological Consultants, Inc.  
P.O. Box 219  
Moab, Utah 84532

January 14, 2009

MOAC Report No. 08-038

United States Department of Interior (FLPMA)  
Permit No. 08-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-08-MQ-1245s

## INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants, Inc. (MOAC) in Winter 2008 for Land Professional, Inc./El Paso E&P's proposed DWR 3-32B5 well location. The project area is located south of Sand Wash and northwest of West Ridge, Duchesne County, Utah. The survey was implemented at the request of Mr. Ryan Fairbanks, R&B Capital Corporation, Vernal, Utah. The project is situated on state land administered by the Utah Division of Wildlife Resources (DWR), Vernal Field Office.

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and the Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed on November 13 and December 2, 2008 by Keith R. Montgomery (Principal Investigator) under the auspices of U.S.D.I. (FLPMA) Permit No. 08-UT-60122 and State of Utah Antiquities Permit (Survey) No. U-08-MQ-1245s issued to MOAC, Moab, Utah.

A file search for previous cultural resource inventories and archaeological sites was conducted by Marty Thomas at the Salt Lake City SHPO on February 27, 2008. This consultation indicated that two inventories have been completed near the project area. In 2002, Metcalf Archaeological Consultants inventoried the Rabbit Gulch Unit of the Tabby Wildlife Management area for the DWR, resulting in the documentation of seven archaeological sites, all situated outside of the current inventory area (O'Brien et al. 2002). In 2007, MOAC conducted a cultural resource inventory for DWR's Blacktail and Sandwash Units 2-Bar Chaining project, resulting in the documentation of a prehistoric temporary camp (42Dc2370), which lies within the current inventory area (Russell 2007).

## DESCRIPTION OF THE PROJECT AREA

The inventory area is located south of Sand Wash and northwest of West Ridge, Duchesne County, Utah. The legal description is the SW 1/4 of Township 2S, Range 5W Section 32 (Figure 1). The project area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The entire Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. The area is characterized by steep-sided narrow ridges and benches dissected by intermittent drainages. Outcrops of the Uinta formation are characterized by a dense dendritic drainage pattern and topographic relief. This Eocene-age formation occurs as fluvial deposited interbedded sandstone and mudstone and is well-known for its fossil vertebrates.

The major water course in the study area is the Duchesne River located about 1.6 miles to the northeast. Named drainages in the area include Saleratus Wash and Sand Wash. Elevation averages 6200 ft asl. Vegetation in the project area includes low sagebrush, greasewood, saltbush, prickly pear cactus, and bunch grasses. Modern disturbances include roads, and oil/gas development.

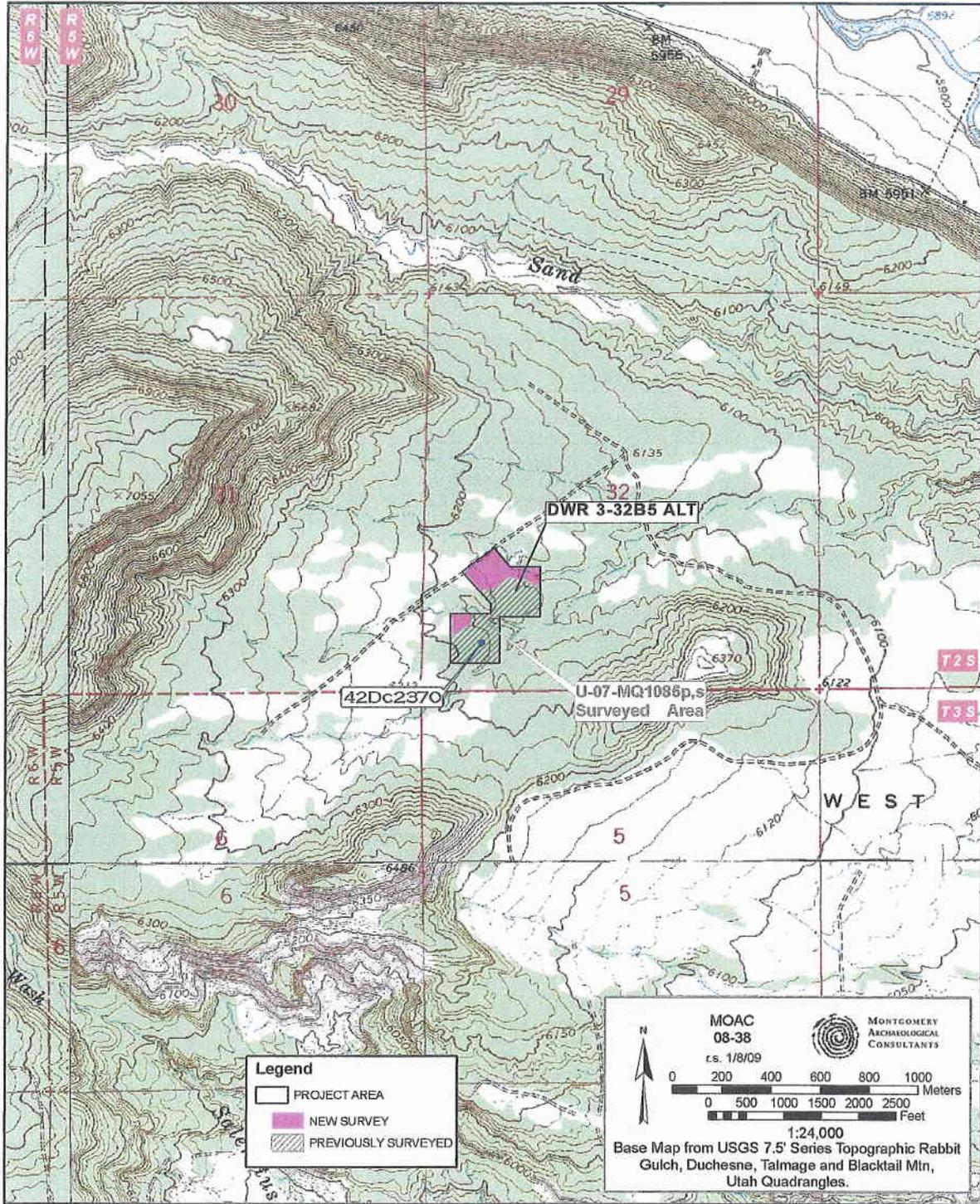


Figure 1. Land Professional, Inc./El Paso E&P's Proposed DWR 3-32B5 Well Locations.

## SURVEY METHODS

An intensive pedestrian survey was performed for this project which is considered 100% coverage. The original well location (DWR 3-32B5) was surveyed on November 13, 2008 and resulted in the location of a previously located prehistoric site (42Dc2370). To avoid this eligible site, an alternate well location (DWR 3-32B5 Alt.) was inspected to the north on December 2, 2008 by MOAC. At the proposed well locations, 10 acre parcels were defined, centered on the well pad center stake. The locations were then surveyed by the archaeologist walking parallel transects spaced no more than 10 m (33 ft) apart. Ground visibility was considered good. A portion of the project area was previously inventoried by MOAC in 2007 for DWR's Blacktail and Sandwash Units 2-Bar chaining project (Russell 2007; U-07-MQ-1085p,s). An additional 8.1 acres were surveyed for cultural resources on DWR administered land for this project.

## INVENTORY RESULTS

The inventory of Land Professional, Inc./El Paso E&P's proposed DWR 3-32B5 well location resulted in the location of a previously recorded prehistoric temporary camp (42Dc2370).

Smithsonian Site No.: 42Dc2370  
Temporary Site No.: 07-272-01  
Site Type: Prehistoric Temporary Camp  
NRHP Eligibility: Eligible, Criterion D

Description: This is a prehistoric temporary camp located on a gently sloping bench with a small aeolian hummock in the center of the site. Vegetation is dominated by pinyon and juniper trees with smaller populations of low sage brush and prickly pear cactus. The site consists of four complete flakes produced from chert, calcedony, and quartzite. Tools on site include two utilized flakes, a tested cobble, and a mano. One fire cracked rock concentration was observed on site. The feature consists of over 25 pieces of fire altered quartzite and siltstone stones. The concentration measures approximately 4 m north-south x 1.5 m east-west. No soil stain or charcoal deposits were observed within the concentration. The artifact assemblage indicates that the site was a short term temporary camp of unknown aboriginal affiliation.

## RESULTS SUMMARY

The inventory resulted in the location of one previously recorded archaeological site (42Dc2370). Site 42Dc2370 is a prehistoric temporary camp that displays good spatial patterning and excellent potential for subsurface cultural deposits, as indicated by the small deflating aeolian dune in the center of the site. The site has the potential to add to the archaeological record and is important to prehistoric research topics within the area. The site is recommended eligible under Criterion D of the National Register of Historic Places. This site should be avoided by the undertaking since an alternate well location was inspected resulting in no cultural resources.

## REFERENCES CITED

- O'Brien, P., J. Scott, K. Donovan, and E. Pennefather-O'Brien  
2002 Rabbit Gulch Unit Land Exchange: A Class II Cultural Resource Inventory in Duchesne County, Utah. Metcalf Archaeological Consultants, Eagle, Colorado. Report No. U-02-MM-0310s.
- Russell, H.  
2007 Cultural Resource Inventory of the Division of Wildlife Resources' Proposed 2-Bar Chaining (Blacktail and Sandwash Units), Duchesne County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Report No. U-07-MQ-1085p,s.
- Stokes, W.L.  
1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

*1279 DWR  
Floyd Ben Waym*

**EASEMENT LEASE AGREEMENT**  
**El Paso E & P Company, L.P.**  
**FOR WELLSITES #DWR 3-22C6, DWR 3-32B5 and DWR 3-14C6**  
**And their Supporting Roads and Pipelines**  
**RABBIT GULCH UNIT OF TABBY MOUNTAIN WILDLIFE MANAGEMENT AREA**

UDWR Easement Lease No. DUC-0806EA-028

THIS NON-EXCLUSIVE EASEMENT LEASE AGREEMENT ("Agreement") is made by and between the **Utah Division of Wildlife Resources** whose address is 1594 West North Temple, Suite 2110, Salt Lake City, Utah 84114-6301 (hereafter "**Surface Owner**") and **EL Paso E & P Company, L. P.**, whose address is 1099 18th Street, Suite 1900, Denver, Colorado 80202 (hereafter "**EL P**"). Surface Owner and EL P are collectively referred to as "**the Parties**". "Easement Lease" means the lease of an easement or right-of-way, for which the purpose, specific use, rights granted, location, term, fees, and other conditions are set forth herein.

**EXHIBITS**

- A.1 Location Surface Use Area & Corridor Right-of-Way for Wellsite DWR 3-22C6
- A.2 Depiction of DWR 3-22C6 Wellsite (Damage Area) Access Road and Pipeline Corridor
- B.1 Location Surface Use Area & Corridor Right-of-Way for Wellsite DWR 3-32B5
- B.2 Depiction of DWR 3-32B5 Wellsite (Damage Area) Access Road and Pipeline Corridor
- C.1 Location Surface Use Area & Corridor Right-of-Way for Wellsite DWR 3-14C6
- C.2 Depiction Of DWR 3-14C6 Wellsite (Damage Area) Access Road and Pipeline Corridor
- D. Surface Use Plan for EL Paso's 2007-2008 Rabbit Gulch Unit of Tabby Mountain WMA, Duchesne County, Utah
- E. Reclamation Bond Number RLB0012230
- F. Mitigation Agreement

**SECTION 1 GRANT AND LOCATION OF EASEMENT**

- 1.1 **Burdened Property.** Surface Owner owns certain real property known to Surface Owner as the Rabbit Gulch Unit of the Tabby Mountain Wildlife Management Area ("**WMA**"). Surface Owner represents that its purposes and uses of owning said WMA is to provide important habitat for wildlife, and to provide wildlife-based recreation for the general public. Surface Owner grants and conveys to EL P a nonexclusive easement lease ("**Easement**") for three wellsites ("**Wellsites**" or "**Damage Areas**") and pipelines and access roads associated with those wellsites. The legal descriptions of the road and pipeline centerlines, and of the wellsites, whichever the case may be, of the portions of the WMA to which Surface Owner is hereby granted an Easement are set forth in Exhibits A.1, B.1 and C.1, said property hereafter referred to as "**Burdened Property**" and approximately depicted in Exhibits A.2, B.2, and C.2. EL P shall have a 50-foot wide easement, 25 feet on either side of the pipeline centerlines described respectively in Exhibits A.1, B.1 and C.1, during the construction of the respective pipelines, thereafter to be reduced to a 40-foot width, 20 feet on either side of the respective centerlines. Access roads shall be of a width of 30 feet, 15 feet on either side of the respective centerlines described in Exhibits A.1, B.1 and C.1.
- 1.2 **Right of Third Parties.** This Easement is subject to all valid interests of third parties. Surface Owner claims title in fee simple, but does not warrant to EL P the validity of title to the Burdened Property. EL P shall have no claim for damages or refund against Surface Owner for any claimed failure or deficiency of Surface Owner's title to said lands, or for interference by any third party.
- 1.3 **Surveys, Maps, and Plans.** In executing this Agreement, Surface Owner is relying upon the surveys, plats, diagrams, and/or legal descriptions provided by EL P. EL P is not relying upon, and Surface Owner is not making any representations about any surveys, plats, diagrams, and/or legal descriptions provided by Surface Owner.

1.4 **Headings.** The Headings in this Agreement are for convenience only and are not intended to, and shall not be construed to limit, enlarge, or affect the scope or intent of this Easement nor the meaning of any of its provisions.

**SECTION 2 PURPOSE AND SCOPE OF EASEMENT**

2.1 **Purpose.** This Easement is granted for the purpose of ingress and egress for the construction, installation, operation, maintenance, repair, and replacement as necessary of drill pads, pipelines, and access roads, subject to and in accordance with the restrictions and conditions set forth herein, in support of EL P's oil and gas operations on the Burdened Property, and for no other purpose. EL P agrees that it shall not remove from Surface Owner's property ordinary sand and gravel or wood products of any kind without the appropriate permit or other written authorization from Surface Owner. Any unauthorized use of the Burdened Property shall be considered a material breach of this Agreement.

2.2 **Numbers and Kind of Infrastructure.** Under this Agreement, EL P shall have the right to construct, maintain and repair three subsurface-laid pipelines, not to exceed Twenty-Five (25) inches in diameter, per Wellsite, in the pipeline easement corridors described in Exhibits A.1, B.1 and C.1.

No other difference in the number, kind, or size of permanent structures to be constructed on the Burdened Property shall be allowed from that set forth in this Agreement, except production facilities, storage tanks, and such equipment deemed necessary by EL P for the production of the wells located on the Burdened Property, said production facilities, storage tanks, and such equipment to be located on the Damage Areas. Paving of any road is expressly prohibited.

2.3 **Exclusivity.** It is expressly understood and agreed that the right herein granted is non-exclusive. Surface Owner hereby reserves the right to issue other non-exclusive easements, leases, or permits on or across the Burdened Property where such uses are appropriate and compatible, or dispose of the property by sale or exchange.

2.4 **Permittees.** EL P may permit its respective employees, agents, contractors, licensees, herein individually referred to as "Permittee" and collectively referred to as "Permittees", to exercise the rights granted herein. Acts or omissions of the Permittees operating under this Easement shall be deemed an act of EL P.

2.5 **Seasonal Restrictions.**

(a) EL P shall not engage in construction activities on the Burdened Property including and between the dates of November 30 to April 15 ("Seasonal Closure"), subject to the mitigation agreement set forth in Exhibit F. EL P shall have the right to enter the Burdened Property during Seasonal Closure for service, maintenance and repair of its production facilities and the wells to the extent that such service, maintenance and repair could not have reasonably been anticipated or could not reasonably be scheduled for dates outside Seasonal Closure.

(b) EL P shall have the right to enter the Burdened Property at any time for emergency activities to prevent environmental damage. EL P shall notify Surface Owner of such emergency activities in accordance with Section 5 of this Agreement.

(c) The Parties agree that, except for emergency activities described in Subsection 2.5(b), should activities for major construction or major maintenance or repair projects during Seasonal Closure be desired by EL P, the Parties should consult in good faith to determine how such activities might be accomplished without undue harm to wildlife.

Any modification of this Agreement must be in writing and signed by the parties. Surface Owner or EL P shall not be bound by any oral representations of Surface Owner or EL P. If Surface Owner is the Utah Division of Wildlife Resources, authorized signatures may be provided by only the Director or the Director's designee.

**SECTION 27 SURVIVAL**

Any obligations, which are not fully performed upon termination of this Easement, shall not cease, but shall continue as obligations until fully performed.

**SECTION 28 WAIVER**

No Waiver of Conditions by Surface Owner of any default of EL P or failure of Surface Owner to timely enforce any provision of this Agreement shall constitute a waiver of or constitute a bar to subsequent enforcement of the same or other provisions of this Agreement. No provision in this Agreement shall be construed to prevent Surface Owner from exercising any legal or equitable remedy it may have.

**SECTION 29 WATER RIGHTS**

EL P shall not file an application to appropriate water from the surface or subsurface of Surface Owner's lands unless the application is approved by Surface Owner in writing and is filed in the name of the Surface Owner. All water structures, including impoundment, diversion and conveyance structures or works, used to impound, divert or convey water claimed solely under a Surface Owner water right shall be the property of Surface Owner.

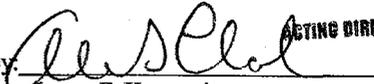
**SECTION 30 INVALIDITY**

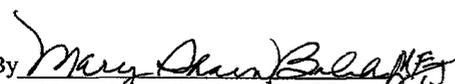
If any provision of this Agreement proves to be invalid, void, or illegal, it shall in no way affect, impair, or invalidate any other provision of this Agreement.

IN WITNESS WHEREOF, the Parties have executed this Agreement, effective on the date of the last signature below.

**SURFACE OWNER**  
**STATE OF UTAH**  
**DEPARTMENT OF NATURAL**  
**RESOURCES, DIVISION OF WILDLIFE**  
**RESOURCES**

**EL Paso E & P Company, L.P.**  
1099 18<sup>th</sup> Street, Suite 1900  
Denver, Colorado 80202

By:  **ACTING DIRECTOR**  
James F. Karpowitz  
Director of Wildlife Resources

By:   
Mary Sharon Balakas - Land Manager  
*Attorney-in-Fact*  
El Paso E & P Company, L.P.

Date: 1/12/09

Date: December 24th 2008

**Funding Approvals:  
Division of Wildlife Resources Fiscal  
Management**

By: \_\_\_\_\_

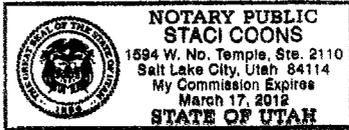
Linda Braithwaite

Budget Officer

Date: \_\_\_\_\_

STATE OF UTAH )  
 ) SS.  
COUNTY OF SALT LAKE )

On this 12 day of January, <sup>2009</sup> ~~2008~~ personally appeared before me Alvin Clark, Acting  
James F. Karpowitz, who being first duly sworn said that he is the Director of the Division of Wildlife  
Resources for the State of Utah, that the foregoing instrument was executed pursuant to authority  
granted him by The Wildlife Resource Code of Utah (23-21-1), and he acknowledged to me that  
he executed the same.



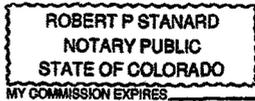
Staci Coons  
Notary Public for the State of Utah

Residing at Salt Lake

My commission expires Mar 17 2009

STATE OF COLORADO )  
CITY AND ) SS.  
COUNTY OF DENVER )

On this 29 day of December, 2008, personally appeared before me  
Mary Charis Balala me known to be the President of El Paso E&P Company, L.P. who executed the  
within and foregoing instrument, and acknowledged that the execution of the document herein  
was his free and voluntary act and deed, for the uses and purposes therein mentioned, and gave  
an oath that he is authorized to execute the within instrument for said corporation.



[Signature]  
Notary Public for the State of Colorado

Residing at 1099 18th Street Suite 1900  
DENVER, CO 80202

My commission expires 05/13/2012

EL PASO E&P COMPANY, L.P.

Onsite Date: 2/4/2009

Time: 10:15 AM

Location Name: DWR 3-32B5

Agency (Federal, Tribal, State, Private): Private Minerals DNR-surface

Access Road: No Change

Pit Liner: No Change

Well Site Layout: No Change

Any changes to proposed plats? Additional information on reserve pit, flare pit, dirt stockpile, etc.?

Reclamation: (Seed Mixture) Standard

Surface Ownership: (Special Remarks) None

Environmental: None

Wildlife Stipulations, raptors, cactus, deer, antelope, elk, trails, drlg windows, etc.

Pipeline: No Change

Archaeology/Paleontology:  
(Monitoring) moved location from 1st staking to current

Other:  
(Turnouts, low water crossing, major cuts & fill, bridges or culverts, gates, cattle guards, catchment dam, etc.)  
None

Plat Modifications: Yes  No

Prepared By: John Whiteside



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/09/2009

API NO. ASSIGNED: 43-013-34207
--------------------------------

WELL NAME: DWR 3-32B5  
 OPERATOR: EL PASO E&P COMPANY, LP ( N3065 )  
 CONTACT: MARIE OKEEFE

PHONE NUMBER: 303-291-6417

PROPOSED LOCATION:

SWSW 32 020S 050W  
 SURFACE: 1300 FSL 1173 FWL  
 BOTTOM: 1300 FSL 1173 FWL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.25975 LONGITUDE: -110.4779  
 UTM SURF EASTINGS: 544398 NORTHINGS: 4456508  
 FIELD NAME: ALTAMONT ( 55 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKN	3/9/09
Geology		
Surface		

LEASE TYPE: 4 - Fee  
 LEASE NUMBER: FEE  
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSTC  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]  
(No. 400540708 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-7323 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 13984  
Eff Date: 12-31-2008  
Siting: Well for dir. u/bdy. 1320' from other wells.
- R649-3-11. Directional Drill

COMMENTS:

Needs Permit (02-04-09)

STIPULATIONS:

- 1- STATEMENT OF BASIS
- 2- Cement Stop #4 (13 3/8" and 9 5/8")

API Number: 4301334207

Well Name: DWR 3-32B5

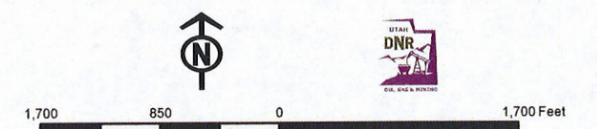
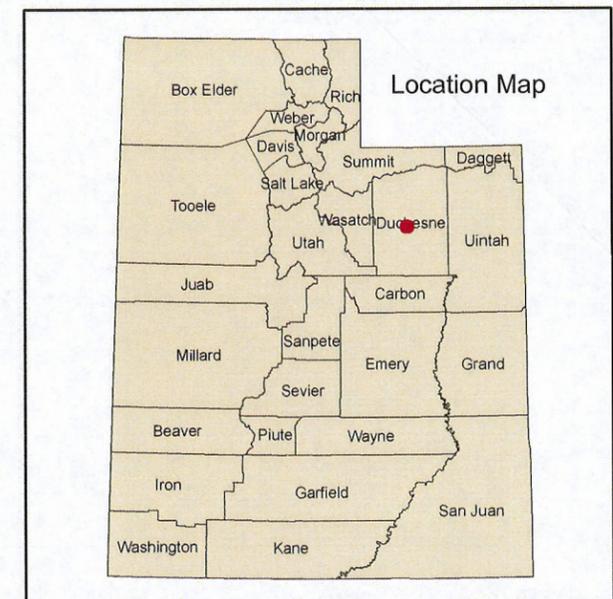
Township 02.0 S Range 05.0 W Section 32

Meridian: UBM

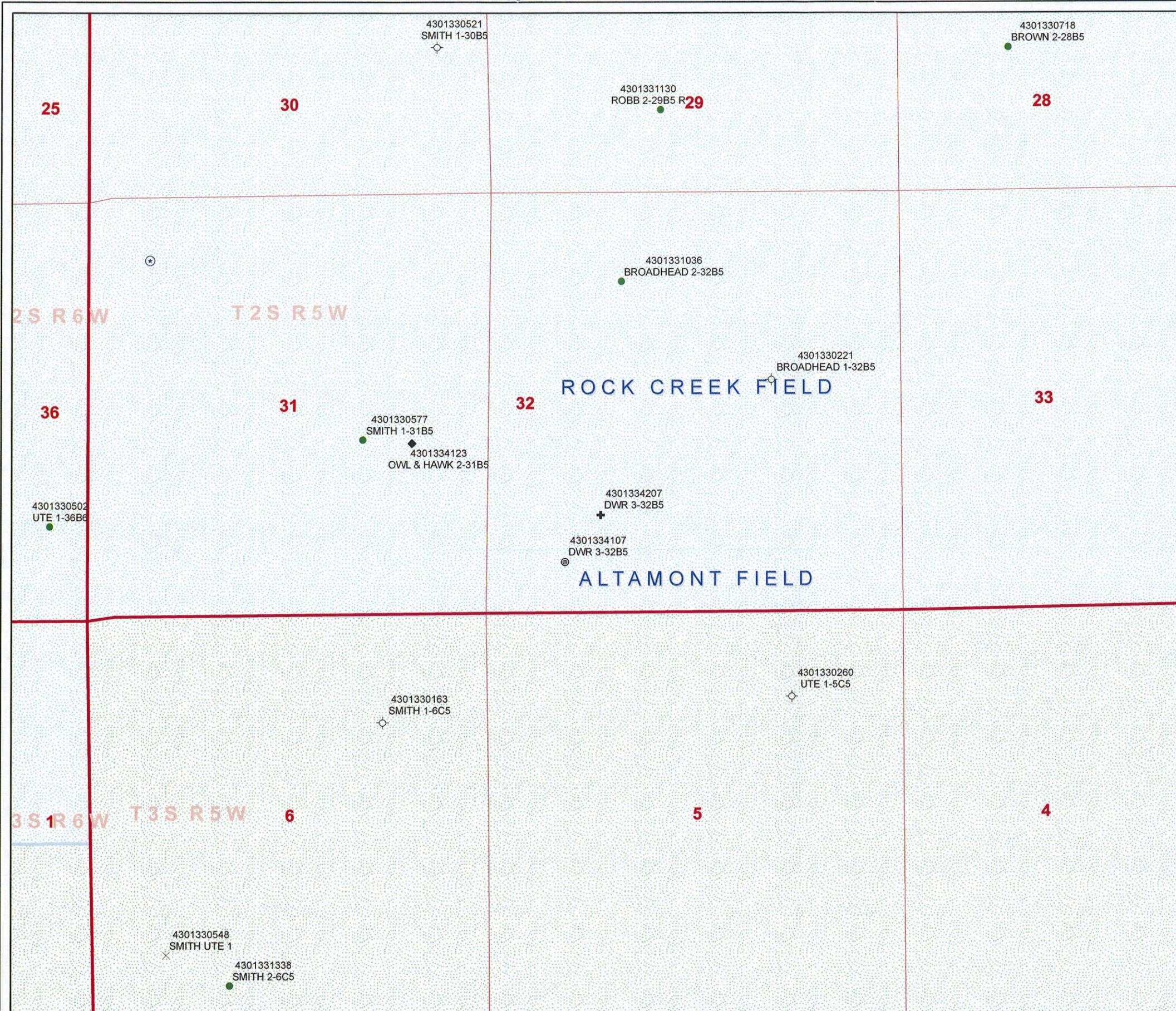
Operator: EL PASO E&P COMPANY, LP

Map Prepared:  
Map Produced by Diana Mason

<b>Units</b>	<b>Wells Query Events</b>
<b>STATUS</b>	✕ <all other values>
ACTIVE	<Null>
EXPLORATORY	◆ APD
GAS STORAGE	⊙ DRL
NF PP OIL	⊙ GI
NF SECONDARY	⊙ GS
PI OIL	⊙ LA
PP GAS	⊕ NEW
PP GEOTHERML	⊙ OPS
PP OIL	⊙ PA
SECONDARY	⊙ PGW
TERMINATED	⊙ POW
<b>Fields</b>	⊙ RET
<b>STATUS</b>	⊙ SGW
ACTIVE	⊙ SOW
COMBINED	⊙ TA
Sections	⊙ TW
Township	⊙ WD
	⊙ WI
	⊙ WS



1:15,560



# Application for Permit to Drill

## Statement of Basis

2/18/2009

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
1290	43-013-34207-00-00		OW	S	No
<b>Operator</b>	EL PASO E&P COMPANY, LP	<b>Surface Owner-APD</b>			
<b>Well Name</b>	DWR 3-32B5	<b>Unit</b>			
<b>Field</b>	ALTAMONT	<b>Type of Work</b>			
<b>Location</b>	SWSW 32 2S 5W U 1300 FSL 1173 FWL GPS Coord (UTM) 544398E 4456508N				

### Geologic Statement of Basis

El Paso proposes to set 600 feet of conductor and 5,352 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 4,200 feet. A search of Division of Water Rights records indicates that there are 14 water wells within a 10,000 foot radius of the center of Section 32. 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

2/18/2009  
Date / Time

### Surface Statement of Basis

The general area is within 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 14.6 road miles northwest of Duchesne, Utah. Access is by State highways and existing county and oilfield development roads. Approximately 0.07 miles of new road will be constructed to reach the location.

The proposed DWR 3-32B5 oil well location has been moved from a near by previous staked location to avoid an archeological site. It now is located along a gentle northeast sloping ridge or rise. This ridge runs in a northeast to southwest direction. To construct the pad the ridge will be flattened with fill moved from the south to the north. Small swales intersect the location but do not extend upslope beyond the pad. No diversions will be required. No seeps, springs or surface water is known to exist in the immediate area. The selected site appears to be a good site for constructing a pad, drilling and operating a well.

The Utah Division of Wildlife Resources owns the surface and the minerals are owned by another entity. Ben Williams and Pat Rainbolt represented the UDWR at the pre-site. Mr. Williams stated that a Surface Use Agreement has been executed. The area is classified as crucial winter habitat for elk and deer. The location is within a larger area recently chained to remove the pinion/juniper vegetation and improve the forage for wintering big game animals. As part of the surface use agreement, ElPaso Production has agreed to mitigate for the loss of the recently treated habitat by pushing over nearby pinion and juniper trees. Also, if applicable, they will make an additional payment that will allow them to construct the site and drill the well during the big game critical wintering period of November 15th to April 15th.

Floyd Bartlett  
Onsite Evaluator

2/4/2009  
Date / Time

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# Application for Permit to Drill

## Statement of Basis

2/18/2009

Utah Division of Oil, Gas and Mining

Page 2

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### Conditions of Approval / Application for Permit to Drill

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

# ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

**Operator** EL PASO E&P COMPANY, LP  
**Well Name** DWR 3-32B5  
**API Number** 43-013-34207-0      **APD No** 1290      **Field/Unit** ALTAMONT  
**Location:** 1/4,1/4 SWSW      **Sec** 32      **Tw** 2S      **Rng** 5W      1300 FSL 1173 FWL  
**GPS Coord (UTM)** 544371      4456518      **Surface Owner**

## Participants

Floyd Bartlett (DOGM), Wayne Garner (Construction Supervisor, Elpaso), John Whitesides (ElPaso Land Agent), Ben Williams and Pat Rainbolt (Utah Division of Wildlife Resources).

## Regional/Local Setting & Topography

The general area is within 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 14.6 road miles northwest of Duchesne, Utah. Access is by State highways and existing county and oilfield development roads. Approximately 0.07 miles of new road will be constructed to reach the location.

The proposed DWR 3-32B5 oil well location has been moved from a near by previous staked location to avoid an archeological site. It now is located along a gentle northeast sloping ridge or rise. This ridge runs in a northeast to southwest direction. To construct the pad the ridge will be flattened with fill moved from the south to the north. Small swales intersect the location but do not extend upslope beyond the pad. No diversions will be required. No seeps, springs or surface water is known to exist in the immediate area. The selected site appears to be a good site for constructing a pad, drilling and operating a well.

The Utah Division of Wildlife Resources owns the surface and the minerals are owned by another entity.

## Surface Use Plan

### **Current Surface Use**

Grazing  
Recreational  
Wildlife Habitat  
Deer Winter Range

### **New Road**

Miles	Well Pad	Src Const Material	Surface Formation
0.07	Width 312      Length 425	Onsite	UNTA

**Ancillary Facilities** N

## Waste Management Plan Adequate?

## Environmental Parameters

**Affected Floodplains and/or Wetland** N

**Flora / Fauna**

The site is currently poorly vegetated but has been seeded as part of the recent chaining project. Existing plants include needle and thread grass, a few sagebrush, prickly pear, slender wheatgrass and a red-stemmed annual that invaded following the chaining.

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

**Soil Type and Characteristics**

Surface soils are deep sandy loam.

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diverson Required** N

**Berm Required?** N

**Erosion Sedimentation Control Required?** N

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

**Reserve Pit**

<b>Site-Specific Factors</b>		<b>Site Ranking</b>
<b>Distance to Groundwater (feet)</b>	100 to 200	5
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	>1320	0
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>	10 to 20	5
<b>Affected Populations</b>	<10	0
<b>Presence Nearby Utility Conduits</b>	Not Present	0
<b>Final Score</b>		25
		1 <b>Sensitivity Level</b>

**Characteristics / Requirements**

A reserve pit is 100' x 150' x 10' deep is planned in an area of cut in the southeast corner of the location. A 16-mil liner with an appropriate sub-felt liner as dictated by the roughness of the surface of the pit is required.

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

**Other Observations / Comments**

Floyd Bartlett  
**Evaluator**

2/4/2009  
**Date / Time**

Casing Schematic

Surface

12%

15%

18%

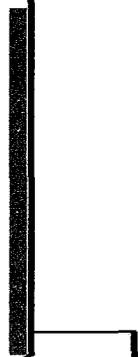
13-3/8"  
MW 8.4



9-5/8"  
MW 8.4  
Frac 19.3



7"  
MW 10.  
Frac 19.3



4-1/2"  
MW 13.5



TOC@ surf w/ 2% w/o  
259.  
Conductor  
600. MD  
Propose to surface  
\* step ✓

TOC@ to surf. w/ 4% tail 4826  
1679.

propose to surface  
\* step ✓

4200' ± BMSW

5005' tail

5452' Surface Green River  
5352. MD

TOC@ to 5042' w/ 4% w/o tail 3800  
6247. 6349' Mahogany Bench

Propose to 5152' ✓  
VOK.

7693' L. Green River

12%  
TOL@ 9127.

8948' tail

9227' Wasatch

Intermediate  
9327. MD

TOC@ to TOC w/ 0% w/o  
10453.

Propose to 9127' ✓  
VOK.

Production Liner  
13300. MD



✓ Step ends.

Well name:	<b>43013342070000 El Paso DWR 3-32B5</b>	
Operator:	<b>El Paso E &amp; P Company, L.P.</b>	
String type:	Conductor	Project ID: 43-013-34207-0000
Location:	Duchesne County, Utah	

**Design parameters:**

**Collapse**

Mud weight: 8.400 ppg  
Internal fluid density: 2.330 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 73 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 600 ft

Cement top: 259 ft

**Burst**

Max anticipated surface pressure: 190 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP: 262 psi  
  
Annular backup: 2.33 ppg

**Tension:**

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

**Non-directional string.**

Tension is based on buoyed weight.  
Neutral point: 525 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)	Internal Capacity (ft³)
1	600	13.375	54.50	J-55	ST&C	600	600	12.49	520.8
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	189	1130	5.973	190	2730	14.38	29	514	17.95 J

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

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

Date: March 3, 2009  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 600 ft, a mud weight of 8.4 ppg. An internal gradient of .121 psi/ft was used for collapse from TD to TD. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>43013342070000 El Paso DWR 3-32B5</b>	
Operator:	<b>El Paso E &amp; P Company, L.P.</b>	
String type:	Surface	Project ID: 43-013-34207-0000
Location:	Duchesne County, Utah	

**Design parameters:**

**Collapse**

Mud weight: 8.400 ppg  
Internal fluid density: 2.330 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 140 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 600 ft  
Cement top: 1,679 ft

**Burst**

Max anticipated surface pressure: 3,744 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP: 4,386 psi  
Annular backup: 2.33 ppg

**Tension:**

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

Tension is based on buoyed weight.  
Neutral point: 4,683 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 9,372 ft  
Next mud weight: 10.000 ppg  
Next setting BHP: 4,869 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 5,352 ft  
Injection pressure: 5,352 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)	Internal Capacity (ft³)
1	5352	9.625	40.00	N-80	LT&C	5352	5352	8.75	2278.5
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	1688	3090	1.831	3744	5750	1.54	187	737	3.93 J

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

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

Date: March 3, 2009  
Salt Lake City, Utah

Remarks:  
Collapse is based on a vertical depth of 5352 ft, a mud weight of 8.4 ppg. An internal gradient of .121 psi/ft was used for collapse from TD to Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>43013342070000 El Paso DWR 3-32B5</b>	
Operator:	<b>El Paso E &amp; P Company, L.P.</b>	
String type:	Intermediate	Project ID: 43-013-34207-0000
Location:	Duchesne County, Utah	

**Design parameters:**

**Collapse**

Mud weight: 10.000 ppg  
Internal fluid density: 2.330 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 196 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 6,247 ft

**Burst**

Max anticipated surface pressure: 6,401 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 8,453 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: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 7,915 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 13,300 ft  
Next mud weight: 13.500 ppg  
Next setting BHP: 9,327 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 9,327 ft  
Injection pressure: 9,327 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)	Internal Capacity (ft³)
1	9327	7	29.00	HCP-110	LT&C	9327	9327	6.059	1945.4
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	3716	9200	2.476	8453	11220	1.33	230	797	3.47 J

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

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

Date: March 3, 2009  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 9327 ft, a mud weight of 10 ppg. An internal gradient of .121 psi/ft was used for collapse from TD to Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	<b>43013342070000 EI Paso DWR 3-32B5</b>	
Operator:	<b>EI Paso E &amp; P Company, L.P.</b>	
String type:	Production Liner	Project ID: 43-013-34207-0000
Location:	Duchesne County, Utah	

**Design parameters:**

**Collapse**

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

**Burst**

Max anticipated surface pressure: 6,401 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP: 9,327 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

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

Tension is based on buoyed weight.  
Neutral point: 12,440 ft

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 251 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 10,453 ft

Liner top: 9,127 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)	Internal Capacity (ft³)
1	4200	4.5	15.10	P-110	LT&C	13300	13300	3.701	335.3
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	9327	14350	1.538	9327	14420	1.55	50	406	8.05 J

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

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

Date: March 3, 2009  
Salt Lake City, Utah

**Remarks:**

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 13300 ft, a mud weight of 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.

**BOPE REVIEW**

**EI Paso DWR 3-32B5 API 43-013-34207-0000**

Well Name	EI Paso DWR 3-32B5 API 43-013-34207-0000			
	String 1	String 2	String 3	String 4
Casing Size (")	13 3/8	9 5/8	7	4 1/2
Setting Depth (TVD)	600	5352	9327	13300
Previous Shoe Setting Depth (TVD)	0	600	5352	9327
Max Mud Weight (ppg)	8.4	8.4	10	13.5
BOPE Proposed (psi)	500	500	5000	10000
Casing Internal Yield (psi)	2730	5750	11220	14420
Operators Max Anticipated Pressure (psi)	8991			13.0 ppg

<b>Calculations</b>	<b>String 1</b>	<b>13 3/8 "</b>	
Max BHP [psi]	.052*Setting Depth*MW =	262	
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	190	YES <input checked="" type="checkbox"/> Rotating head
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	130	YES
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	130	← NO <i>o.k.</i>
Required Casing/BOPE Test Pressure		500 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		0 psi	*Assumes 1psi/ft frac gradient

<b>Calculations</b>	<b>String 2</b>	<b>9 5/8 "</b>	
Max BHP [psi]	.052*Setting Depth*MW =	2338	
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	1696	NO Rotating head
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1160	NO → <i>o.k. no expected pressure (rotating head prob. o.k. up till 1600 psi)</i>
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	1292	← NO <i>Reasonable</i>
Required Casing/BOPE Test Pressure		4025 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		600 psi	*Assumes 1psi/ft frac gradient

<b>Calculations</b>	<b>String 3</b>	<b>7 "</b>	
Max BHP [psi]	.052*Setting Depth*MW =	4850	
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	3731	YES <input checked="" type="checkbox"/>
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	2798	YES
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	3976	YES <input checked="" type="checkbox"/>
Required Casing/BOPE Test Pressure		7854 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		5352 psi	*Assumes 1psi/ft frac gradient

<b>Calculations</b>	<b>String 4</b>	<b>4 1/2 "</b>	
Max BHP [psi]	.052*Setting Depth*MW =	9337	
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	7741	YES <input checked="" type="checkbox"/>
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	6411	YES
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	8463	YES <input checked="" type="checkbox"/>
Required Casing/BOPE Test Pressure		10000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		9327 psi	*Assumes 1psi/ft frac gradient



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

March 11, 2009

El Paso E & P Company, LP  
1099 18th St., Ste. 1900  
Denver, CO 80202

Re: DWR 3-32B5 Well, 1300' FSL, 1173' FWL, SW SW, Sec. 32, T. 2 South, R. 5 West,  
Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval drill the referenced well is granted.

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. The API identification number assigned to this well is 43-013-34207.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor



Operator: El Paso E & P Company, LP

Well Name & Number DWR 3-32B5

API Number: 43-013-34207

Lease: Fee

Location: SW SW      Sec. 32      T. 2 South      R. 5 West

### Conditions of Approval

#### 1. 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.

#### 2. Notification Requirements

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

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

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

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

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

- Dan Jarvis at:           (801) 538-5338 office           (801) 942-0871 home
- Carol Daniels at:       (801) 538-5284 office
- Dustin Doucet at:      (801) 538-5281 office           (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

#### 4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

Page Two  
43-013-34207  
March 11, 2009

5. 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.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> DWR 3-32B5
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP	<b>9. API NUMBER:</b> 43013342070000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th ST, STE 1900 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 291-6417 Ext
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1300 FSL 1173 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 32 Township: 02.0S Range: 05.0W Meridian: U	<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/22/2009  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b> <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____

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

EL PASO IS CHANGING THE CASING PLAN TO THE SUBJECT WELL'S APPROVED PERMIT. SEE ATTACHED WELLBORE DIAGRAM AND 8 PT PLAN. CONDUCTOR CSG WILL BE SET AT 1650' AND SURFACE CASING WILL BE SET AT 5447'. PLEASE NOTE THAT WE MAY HAVE TO CEMENT THE SURFACE CASING WITH FOAM CEMENT DUE TO POTENTIAL LOSSES IN THE AREA.

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

**Date:** September 22, 2009

**By:** *Derek DeWitt*

<b>NAME (PLEASE PRINT)</b> Marie Okeefe	<b>PHONE NUMBER</b> 303 291-6417	<b>TITLE</b> Sr Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 9/22/2009



**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 43013342070000**

**All previous conditions of approval still apply.**

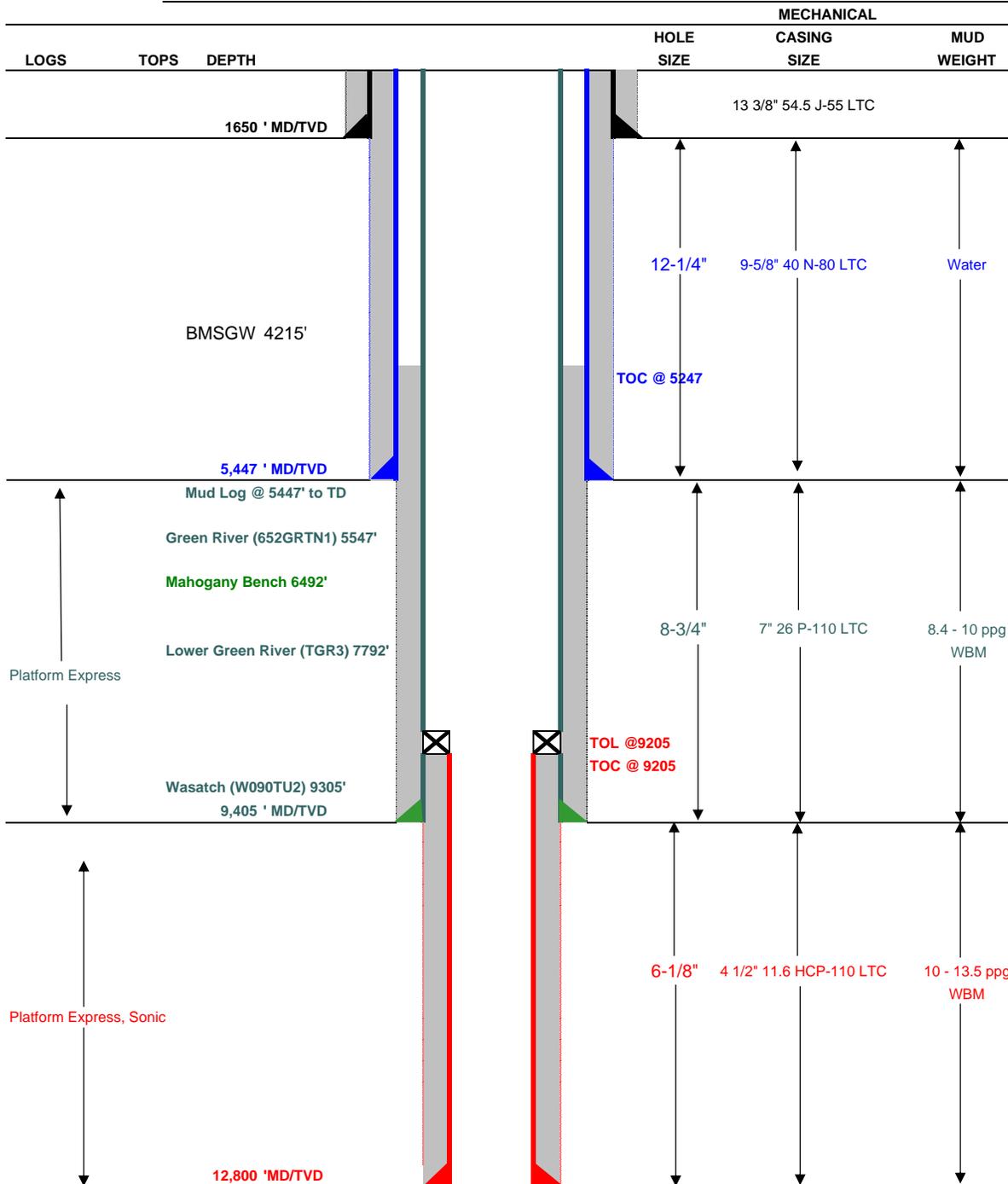
**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** September 22, 2009  
**By:** *Darko Duvic*



Drilling Schematic

<b>Company Name:</b> El Paso Exploration & Production	<b>Date:</b> September 22, 2009
<b>Well Name:</b> DWR #3-32B5	<b>TD:</b> 12,800
<b>Field, County, State:</b> Altamont - Bluebell, Duchesne, Utah	<b>AFE #:</b>
<b>Surface Location:</b> Sec32 T2S R5W 1300 FSL 1173 FWL	<b>BHL:</b> Straight Hole
<b>Objective Zone(s):</b> Green River, Wasatch	<b>Elevation:</b> 6182
<b>Rig:</b> Precision drilling 426	<b>Spud (est.):</b>
<b>BOPE Info:</b> 5.0 x 13 3/8 rotating head from 1650 to 5447 11 5M BOP stack and 5M kill lines and choke manifold used from 5447 to 9405 & 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 9405 to TD	



**DRILLING PROGRAM**

**CASING PROGRAM**

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0' - 1650	54.5	J-55	LTC	2,730 2.07	1,140 1.48	1,399 15.56
SURFACE	9-5/8"	0' - 5447	40.00	N-80	LTC	5,750 1.32	4,230 1.57	837 2.57
INTERMEDIATE	7"	0' - 9405	26.00	P-110	LTC	9,950 1.32	6,230 1.27	639 2.08
PRODUCTION LINER	4 1/2"	9205' - 12800	11.60	HCP-110	LTC	10,690 4.49	8,650 0.96	279 2.10

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		1650	Class G + 3% CaCl <sub>2</sub>	1100	10%	15.6 ppg	1.15
SURFACE	Lead	4,947	Premium Lite II Plus, 2% CaCl <sub>2</sub> 0.3% FL5 0.5% Sodium Metasilicate	610	25%	11.0 ppg	3.2
	Tail	500	Class G 50:50 poz, 2% CaCl <sub>2</sub> , 2% gel 0.3% sodium metasilicate	160	25%	14.4 ppg	1.25
INTERMEDIATE	Lead	3,658	CemCRETE Blend 5.9/44.1 (D961/D124) + 0.2 %bwob D65 + 0.2 %bwob D46 + 0.4 %bwob D13 + 0.2 %bwob D167	420	25%	12.49 ppg	1.65
	Tail	500	10:0 RFC (Class G)	60	25%	14.1 ppg	1.62
PRODUCTION LINER		3,595	WellBond Slurry Class G + 35% D66 + 1.6 gps D600G + 1.05 gps D80 + 0.3% D167 + 0.2% D46 + 0.4% D800 + 1% D20	230	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

**DWR 3-32B5  
Sec. 32, 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	5,452'
Mahogany Bench	6,349'
L. Green River	7,693'
Wasatch	9,227'
TD	13,300'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	5,452'
	Mahogany Bench	6,349'
Oil	L. Green River	7,693'
Oil	Wasatch	9,227'

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

A 5.0" by 20.0" rotating head on structural pipe from surface to 1650'. A 5.0" by 13 3/8" Rotating Head from 1650' to 5,447' on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 5,447' to 9,405'. An 11.0", 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 9,405' to 13,300'. 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 9,327’ 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 – 5,447’ 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:

<b>Interval</b>	<b>Type</b>	<b>Mud Weight</b>
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 13,300' TD equals approximately 8,991 psi (calculated at 0.6760 psi/foot).

Maximum anticipated surface pressure based on bottom hole pressure equals approximately 6,065 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 9,405' = 5,455 psi

BOPE and casing design is based on the lesser of the two MASPs which is frac at shoe 5,455 psi

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> DWR 3-32B5
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP	<b>9. API NUMBER:</b> 43013342070000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th ST, STE 1900 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 291-6417 Ext
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1300 FSL 1173 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 32 Township: 02.0S Range: 05.0W Meridian: U	<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 9/28/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	<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: _____

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**  
 ATTACHED PELASE FIND EL PASO DRILLING REPORT FOR SUBJECT WELL.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 February 10, 2010

<b>NAME (PLEASE PRINT)</b> Marie Okeefe	<b>PHONE NUMBER</b> 303 291-6417	<b>TITLE</b> Sr Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 2/10/2010



EL PASO PRODUCTION  
Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRO PETRO  
 Rig Name: PRO PETRO  
 Start: 9/20/2009  
 Rig Release: 9/28/2009  
 Rig Number: 8  
 Spud Date: 9/20/2009  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/23/2009	08:00 - 09:45	1.75	D	01		MOVE PRO PERTRO #8 ONTO ABOVE LOC.
	09:45 - 10:00	0.25	D	18		SAFETY MEETING W/ PRO PETRO RIG CREW & PRO PETRO SAFETY SUPERVISOR (POLICES, PROCEDURES, STOP ANY UNSAFE ACT & NOT TO BE WEARING ANY JEWELRY)
	10:00 - 12:45	2.75	D	01		SPOT & RIG UP
	12:45 - 13:00	0.25	D	01		INSPECT EQUIPMENT. OK
	13:00 - 15:00	2.00	D	03		MAKE UP 17.5" AIR HAMMER, RIH START DRILLING. DRILL TO 90 FT. 45 FT/HR. HYRALIC PUMP BROKE DOWN.
	15:00 - 18:45	3.75	DT	60		CHANGE OUT HYDRALIC PUMP.
	18:45 - 19:00	0.25	D	18		SAFETY MEETING W/ EVENING RIG CREW
	19:00 - 00:00	5.00	D	03		DRILL AHEAD W/ AIR HAMMER TO 340 FT 44 FT/HR
	00:00 - 01:00	1.00	D	05		SURVEY @ 310' 0 DEGREE. NO SIGN OF WATER FLOW.
	01:00 - 06:00	5.00	D	03		DRILL AHEAD W/ AIR HAMMER TO 580 FT. 270FT 54 FT/HR. NO SIGN OF WATER FLOW.
9/24/2009	06:00 - 07:00	1.00	D	03		DRILL AHEAD W/ 17.5" AIR HAMMER TO 650'
	07:00 - 07:30	0.50	D	05		SURVEY @ 610' 0 DEGREE SIGN OF WATER INFLUX 20 BBL/HR
	07:30 - 17:30	10.00	D	03		DRILL AHEAD W/ 17.5" AIR HAMMER. TO 970' 37 FT/HR. INFLUX OF WATER 150 BBL/HR CATCH WATER SAMPLE @ 940'. PH 9.2, CHLORIDES 700
	17:30 - 18:00	0.50	D	05		SURVEY @ 940'. 0 DEGREE
	18:00 - 23:15	5.25	D	03		DRILL AHEAD W/ 17.5" AIR HAMMER TO 1090FT. 37.6 FT/HR. INFLUX OF WATER @ 150 BBL/HR.
	23:15 - 01:15	2.00	D	08		CIRC BOTTOMS FOR TRIP
	01:15 - 02:30	1.25	D	04		POOH FOR BIT
9/25/2009	02:30 - 05:00	2.50	D	04		RIH W/ REED EMS13G 17.5" BIT. TAG WATER @800 FT. CIRC TO BOTTOM.
	05:00 - 06:00	1.00	D	03		DRILL AHEAD W/ 17.5" BIT. @ 25 FT/HR.
	06:00 - 10:45	4.75	D	03		DRILL AHEAD W/ 17.5" BIT TO 1165' CATCH WATER SAMPLE TEST 9 PH, 700 CHORIDES
	10:45 - 11:45	1.00	D	08		STOP DRILLING, CIRC WELL WHILE RIGGING IN FLUID PUMPS.
	11:45 - 17:45	6.00	D	03		DRILL AHEAD W/ 17.5 BIT TO 1210'. TEST WATER @ 1210' 9 PH, 700 CHORIDES.
	17:45 - 18:30	0.75	D	05		SURVEY @ 1180' 0.5 DEGREE
	18:30 - 02:45	8.25	D	03		DRILL AHEAD W/ 17.5" BIT TO 1300 FT 14 FT/HR
9/26/2009	02:45 - 03:00	0.25	D	05		SURVEY @ 1270' 0.7 DEGREE
	03:00 - 06:00	3.00	D	03		DRILL AHEAD W/ 17.5" BIT TO 1335' 11 FT/HR. PIT LEVEL DROPPED 2" IN 12 HRS (LOST 400 BBL)
	06:00 - 06:15	0.25	D	06		RIG SERVICE
	06:15 - 06:30	0.25	D	18		SAFETY MEETING
	06:30 - 04:00	21.50	D	03		DRILL FROM 1335 TO 1505; 175' IN 21.5 HR. 9.86'/HR
	04:00 - 06:00	2.00	D	05		CIRCULATE AND SURVEY 1350' 0.75 DEG, 1450' 0.5 DEG LOST 9" 1782 BBL IN 24 HRS
	06:00 - 06:15	0.25	D	06		RIG SERVICE
9/27/2009	06:15 - 06:30	0.25	D	18		SAFETY MEETING
	06:30 - 18:00	11.50	D	03		DRILL FROM 1505 TO 1600'. 95' IN 11.5 HRS FOR 8.3'/HR
	18:00 - 18:15	0.25	D	18		SAFETY MEETING
	18:15 - 05:00	10.75	D	03		DRILL 1600 TO 1675'. 75' IN 10.75 HRS FOR 7'/HR
	05:00 - 06:00	1.00	D	05		CIRCULKATE AND SURVEY 1540' AT 1 DEG
9/28/2009	06:00 - 06:15	0.25	D	06		RIG SERVICE
	06:15 - 06:30	0.25	D	18		SAFETY MEETING
	06:30 - 17:00	10.50	D	03		DRILL FROM 1675 TO 1750'. 75' IN 10.5 HRS. 7.14'/HR. CASING TO RUN TO 1701'. 49' OF RAT HOLE.
	17:00 - 18:00	1.00	D	08		CLEAN HOLE UP FOR CASING. USED AIR AND A SOAP SLUG.



Operations Summary Report

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 Contractor Name: PRO PETRO  
 Rig Name: PRO PETRO  
 Start: 9/20/2009  
 Rig Release: 9/28/2009  
 Rig Number: 8  
 Spud Date: 9/20/2009  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/28/2009	17:00 - 18:00	1.00	D	08		UNLOADED HOLE.
	18:00 - 18:45	0.75	D	05		RAN FINAL SURVEY 1720' 1.1 DEG
	18:45 - 21:00	2.25	D	04		POOH LLDP AND BHA. BIT WAS FLAT CRESTED ABOUT 30% WEAR ON TEETH.
	21:00 - 01:30	4.50	D	12		RU AND RUN 13 3/8" CASING. 38 JTS OF 13 3/8" 54# J-55 STC. 2 JT SHOE FOR TOTAL 1697.22' W/ FLOAT SHOE AND COLLAR. CENTRILIZERS ON FIRST 2 JOINTS WITH STOP RINGS AND ON THIRD COLLAR. THEN EVERY 3RD COLLAR. RAN TO BOTTOM NO FILL AND NO BRIDGES.
	01:30 - 02:00	0.50	D	12		RAN 100' OF 1" WITH RIG.
	02:00 - 02:30	0.50	D	01		LAND CASING ON CONDUCTOR WITH PLATE AND ELEVATORS. RIG DOWN UNIT.
	02:30 - 04:30	2.00	D	14		RU CEMENTERS, PUMP 200 BBL WATER, 40 BBL. GEL WATER, MIX AND PUMP 390 SACKS 11# LEAD YIELD 3.82 GAL WATER 23/SK 265 BBL SLURRY. MIX AND PUMP 600 SX TAIL AT 15.8 PPG 1.15 YIELD 5 GAL /SACK, 190 BBL. DROP PLUG, WASH UP ON TOP, DISPLACE WITH 246 BBL FRESH WATER. BUMPED PLUG, FLOATS HELD. 550 PSI AT BUMP AND INCREASE TO 880 PSI. 45 BBL OF SLURRY BACK. SLOWED TO 2 BMP LAST 20 BBL. CEMENT STILL FELL AS SOON AS PUMPING STOPPED.
04:30 - 06:00	1.50	D	15		AT 0730 WE MIXED AND PUMPED 225 SX G DOWN BACK SIDE TO TOP OFF CEMENT. GOT ABOUT 5 BBL RETURNS. CEMENT SLOWLY FELL TO ABOUT 30' AFTER FINISHED PUMPING. RD AND RELEASE CEMENTERS. RELEASE RENTALS AND DRILLING CONTRACTOR MOVING LAST OF RIG EQUIPMENT OFF LOCATIUN. DENISE INGRAM WITNESSED THE END OF THE TOP JOB AND APPROVED CEMENT TO SURFACE. LAST DRILLING REPORT UNTIL MOVING DRILLING RIG IN.	
10/26/2009	07:00 - 07:15	0.25	D	18		SAFETY MEETING WITH ALL CREWS ON LOCATION TO RIG DOWN AND MOVE OUT RIG
	07:15 - 19:00	11.75	D	01		RIG DOWN AND HAUL 90% OF RIG OFF LOCATION, START TO SET MATTS ON NEW LOCATION. CLEANING RIG PARTS AS MOVED.
10/27/2009	07:00 - 07:15	0.25	D	18		SAFETY MEETING FOR ALL ON LOCATION, TRUCKERS AND RIG CREW
	07:15 - 19:00	11.75	D	01		SET MATTS WITH PLACTIC, SET IN AND LEVEL SUB. SET IN PITS AND BACK YARD. HAUL 3 1/2" DP TO WEATHERFORD. CLEAN RIG WITH HOT OILERS AS POSSIBLE. CLEAN DERRICK AT OLD LOCATION. ALL OFF LOCATION EXCEPT DERRICK. DID NOT GET PERMIT APPROVED. RELEASED HAUL TRUCKS.
10/28/2009	07:00 - 07:30	0.50	D	18		SAFETY MEETING CRANE SIGNALS AND LIFTS OVER HEAD
	07:30 - 19:00	11.50	D	01		RIG UP, RAISE DRAWWORKS, CONTINUE TO RU WINTERIZATION, RECIEVE DERRICK, PIN SAME AND STRING BLOCKS. ELECTRICIANS WORK ON ELECTRICAL PANEL. SDFN.
10/29/2009	07:00 - 07:30	0.50	D	01		SAFETY MEETING WITH CRANE AND DRLG. CREWS
	07:30 - 19:00	11.50	D	01		PREPARE DERRICK STRING BLOCKS PUT ON MONKEY BRD. INSPECT & RAISE DERRICK PREPARE RACKING PLAT FORM FOR RAISING PUT UP PREFAB FRAME WORK & INSTALL TARPS RIG 50% RIGGED UP
	19:00 - 07:00	12.00	D	01		WAIT ON DAY LIGHT
10/30/2009	07:00 - 07:30	0.50	D	01		SAFETY MEETING W/ CRANE & RIG CREWS
	07:30 - 04:00	20.50	D	01		RAISE RACKING FLOOR CONT. INSTALLING PREFABS ( 80% COMPLETE ) RUN AND HOOK UP AIR LINES, HYDRAULIC



Operations Summary Report

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 Event Name: DRILLING  
 Contractor Name: PRO PETRO  
 Rig Name: PRO PETRO

Spud Date: 9/20/2009  
 Start: 9/20/2009  
 End:  
 Rig Release: 9/28/2009  
 Group:  
 Rig Number: 8

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/30/2009	07:30 - 04:00	20.50	D	01		HOSES, WATER & STEAM LINES SET IN CAT WALK, GAS BUSTER & LINES CONT. WITH GENERAL RIG UP
	04:00 - 04:15	0.25	D	01		PRETOUR SAFETY MEETING
	04:15 - 07:00	2.75	D	01		INSTALL TOP DRIVE TORQUE TUBE
10/31/2009	06:00 - 06:15	0.25	D	18		SAFETY MEETING NIPPLING UP BOP'S
	06:15 - 12:15	6.00	D	15		WELD ON 133/8" X 135/8" 5K WEATHERFORD CASG. BOWL PRESS. TEST WELD TO 750 PSI OK INSTALL 135/8" 5K X 135/8" 5K B SECTION & 135/8" 5K X 135/8" 10K C SECTION
	12:15 - 18:30	6.25	D	15		NIPPLE UP 135/8" 10K BOP ( BPR, MUD CROSS, BLIND RAMS, TPR, DSA 135/8" 10K X 135/8" 5K & 5K ANNULAR PREVENTOR )
						INSTALL NEW 5" RUBBERS IN TOP & BTM. PIPE RAMS INSTALL BOP SCAFFOLDING
	18:30 - 18:45	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:45 - 19:45	1.00	D	15		CONT. PUTTING UP SCAFFOLDING
	19:45 - 06:00	10.25	D	15		INSTALL 135/8" ROTATING HEAD & EXT. SPOOL HOOK UP KILL LINE & CHOKE LINE VALVES & CHOKE LINE BACK TO CHOKE MANIFOLD STARTING TO PRESS. TEST MANIFOLD AT 0600 HRS.
11/1/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 09:00	2.75	D	01		RIG IN TOP DRIVE PRESSURE TESTED CHOKE MANIFOLD VALVES TO 5K HIGH 300 LOW WHILE RIGGING IN TOP DRIVE
	09:00 - 18:00	9.00	D	01		CONT. RIGGING IN TOP DRIVE ( RECEMENTED ANNULUS W/ 120 SX CLASS "G" CMT. W/ 2% CACL2 )
	18:00 - 18:15	0.25	D	18		PRE TOUR AND SAFETY MEETING. DISCUSSED WORK TO BE DONE WHILE TESTING BOPE. FLOW LINES GAS BUSTER, FLARE LINES AND 12" AIR DRILL OUTLET. DISCUSSED JSA FOR TESTING BOPE. ASSIGNED HANDS TO TASKS.
	18:15 - 20:00	1.75	D	01		RIG UP FLOOR TO TEST BOPE, INSTALL RAT AND MOUSE HOLE LINERS.
	20:00 - 07:00	11.00	D	01		TEST STACK (2 PIPE RAMS) TO 300 LOW AND 5K HIGH. TEST FLOOR VALVE, IBOP HCR, 2 VALVES ON KILL LINE TO 5K HIGH 300 LOW. PROBLEMS, PACKING NUTS, WKM VALVE STEM ON BRADENHEAD, AND SPOOL TO ROTATING HEAD. RIG UP LINES TO AND FROM GAS BUSTER, FLOWLINES AND FLARE LINES TO FLARE PIT AND 12" AIR OUTLET TO PIT. (DAY LIGHT SAVINGS TIME ENDED TODAY, THE EXTRA HOUR)
11/2/2009	06:00 - 06:15	0.25	D	18		HAND OVER AND PRETOUR SAFETY MEETING
	06:15 - 17:00	10.75	D	09		SET TEST PLUG IN WELL HEAD PRESS. TEST UPPER AND LOWER PIPE RAMS, BOTH KILL & CHOKE LINE VALVES, CHOKE LINE, LOWER KELLY COCK, STABBING VALVE, INSIDE BOP, MUD LINE BACK TO MUD PUMPS & BLIND RAMS TEST PRESSURES 250 PSI LOW & 5000 PSI HIGH ANNULAR PREVENTOR TO 250 PSI LOW & 3500 PSI HIGH PRESS. TEST CASG. TO 1000 PSI FOR 20 MIN. HAD TO REPAIR NUMEROUS LEAKS REMOVED ROTATING HEAD AND ENLARGE BOLT HOLES ( BOLT HOLES ON FLANGE ON ROTATING HEAD EXT. NOT MACHINED PROPERLY )
	17:00 - 18:00	1.00	D	09		INSTALL WEAR BUSHING
	18:00 - 19:30	1.50	D	18		HOLD PRESPUD MEETING ALL REQUIRED PERSONEL IN ATTENDANCE
	19:30 - 20:30	1.00	D	09		PU SINGLE AND PUP JOINT TO USE WHILE FUNCTION TEST ACCUMULATOR. 59 SECONDS FROM 0 BACK TO 1200 PSI. BLADDER PRESSURE WAS 1000 PSI.
	20:30 - 02:30	6.00	D	01		INSTALL STUDS IN TOP OF ANNULAR. INSTALL ROTATING HEAD AND SPOOL BACK UP ON TOP THE ANNULAR. TIGHTEN ALL



Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRO PETRO  
 Rig Name: PRO PETRO  
 Start: 9/20/2009  
 Rig Release: 9/28/2009  
 Rig Number: 8  
 Spud Date: 9/20/2009  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/2/2009	20:30 - 02:30	6.00	D	01		FLANGE BOLTS. FINISH WORKING ON TOP DRIVE. CIRCULATING PIT AND ADDING FLOCULANT, LIME
	02:30 - 05:00	2.50	D	04		SLIP AND CUT BAD DRILLING LINE. CUT TWICE BECAUSE THEY MISSED A BAD WICKER ON THE FIRST CUT.
11/3/2009	05:00 - 06:00	1.00	D	04		PU BHA.
	06:00 - 06:15	0.25	D	18		HAND OVER AND PRETOUR SAFETY MEETING
	06:15 - 17:00	10.75	D	04		MAKE UP 121/4" PDC BIT, 95/8" HUNTING MUD MOTOR (.10 RPG) & DIR. T.L.S. SHALLOW TEST MWD OK RIH TAG CMT. TOP 1601'
	17:00 - 18:00	1.00	D	13		DRILL CEMENT FROM 1601' TO 1631'
	18:00 - 18:15	0.25	D	18		PRETOUR HAND OVER AND SAFETY MEETING 90' CONNECTIONS.
	18:15 - 21:30	3.25	D	13		DRILL CEMENT FROM 1631 TO 1638'. TAGGED RUBBER PLUG ON FLOAT COLLAR. IT TOOK 3 HOURS TO DRILL UP THE PLUG.
	21:30 - 23:15	1.75	D	13		DRILL CEMENT FROM 1638' TO 1779'.
	23:15 - 23:30	0.25	D	03		DRILL FORMATION FROM 1779' TO 1789'. PREPARE TO FIT.
	23:30 - 00:00	0.50	D	08		CBU AND CLEAN UP HOLE FOR FIT.
	00:00 - 01:30	1.50	D	18		RU WEATHERFORD TEST PUMP. OPEN HCR. COULD NOT GAIN PRESSURE WITH WEATHERFORD. OPENED ANNULAR AND THE FLUID IS SLOWLY DROPPING IN THE ANNULUS. ABORT THE FIT. AIR SYSTEM DOWN. BLOWN BREAKER, WAITING ON ELECTRICIAN AND COMPRESSOR UNIT TO GET RIG BACK RUNNING.
11/4/2009	01:30 - 06:00	4.50	DT	60		
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 09:30	3.25	D	03		DRILL 121/4" HOLE F/ 1789' - 1940'
	09:30 - 09:45	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C/O 23 SEC'S
	09:45 - 11:00	1.25	DT	64		ATTEMPTING TO TAKE SURVEYS NO PULSES OR SIGNALS FROM EITHER EM TOOL OR PULSE TOOL
	11:00 - 13:00	2.00	DT	64		POH TAKE REQUIRED FLOW CK'S LAY DOWN 1 HWDP WITH VERTICAL CRACK 33" DOWN FROM TOP OF BOX
	13:00 - 14:30	1.50	DT	62		CHANGE OUT MWD TOOL & UBHO SUB BIT #1 IS IN NEW CONDITION
	14:30 - 17:45	3.25	DT	64		RIH TO 1901'
	17:45 - 18:00	0.25	D	05		SURVEY @1801' 0.3 DEG. 231.9 AZ
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING HOUSE KEEPING
11/5/2009	18:15 - 02:00	7.75	D	03		DRILL 1940' TO 2222 (282' IN 7.75 HRS FOR 36.4'/HR) WOB 13 TO 19K, 775 GPM, 50 ROTARY RPM, 1750 PSI
	02:00 - 05:15	3.25	D	03		DRILL 2222' TO 2350' (128' IN 3.25 HRS FOR 39.4'/HR) WOB 17 TO 19K, 775 GPM, 50 ROTARY RPM, 1775 PSI
	05:15 - 05:45	0.50	D	05		SURVEYS AND CONNECTION TIME
	05:45 - 06:00	0.25	D	06		SERVICE RIG BLOCKS, TOP DRIVE
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING MAKING 90' CONNECTIONS
	06:15 - 11:45	5.50	D	03		DRILL 121/4" HOLE F/ 2350' - 2498' 26.9' / HR.
	11:45 - 12:00	0.25	D	06		RIG SER. FUNCTION UPPER & LOWER PIPE RAMS C/O 7 SEC'S
	12:00 - 12:15	0.25	D	05		WORK ON SURVEY MONITOR
	12:15 - 17:00	4.75	D	03		DRILL F/ 2498' TO 2648' (150' IN 4.75 HRS FOR 31.6'/HR) CLOSED SYSTEM IN FOR 2 HRS. WELL TAKING 140 BBLS. / HR. LOSSES STARTED AROUND @2370'
	17:00 - 18:00	1.00	D	05		CONNECTION AND SURVEY TIME
18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING SAFETY STAND DOWN WITH PD SAFETY AND SUPERINTENDENT	



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 Start: 9/20/2009  
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 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/5/2009	18:15 - 23:00	4.75	D	03		DRILL 2648' TO 2779'. (131' IN 4.75 HRS FOR 27.6'/HR) WOB 12 TO 26K, 775 GPM, 60 ROTARY RPM, 1825 PSI. STARTED HAVING RETURNS PROBLEMS AFTER A DRILLING BREAK AT 2700'. SWEEP CURED THAT TO 95% FLOW.
	23:00 - 23:30	0.50	DT	58		CONNECTION WAS TIGHT. BACK REAMED OUT 2 STANDS. THE HOLE WAS TIGHT ACROSS THE DRILLING BREAKS FROM 2700 TO 2740'. SECOND STAND OUT VERY LITTLE PROBLEM. NO LOST RETURNS BUT DELAY IN RETURNS WHEN MAKING CONNECTIONS. WASH BACK IN HOLE. PUMP A SWEEP. MAKE CONNECTION AND RETURN TO DRILLING. WE HAVE LOST 4" OF WATER IN THE PIT SINCE 18:00.
	23:30 - 05:15	5.75	D	03		DRILL 2779' TO 2900'. (121' IN 5.75 HRS FOR 21.16'/HR) WOB 26K, 775 GPM, 60 ROTARY RPM, 1800 PSI. THE RESERVE PIT IS DOWN 12" FROM 18:00.
	05:15 - 05:30	0.25	D	06		SERVICE RIG, BLOCKS AND TOP DRIVE, FUNCTION LPR 6 SECT/C 7 SECT/O
11/6/2009	05:30 - 06:00	0.50	D	05		CONNECTIONS AND SURVEY TIMES
	06:00 - 06:30	0.50	D	18		HAND OVER & PRETOUR SAFETY MEETING TRIPPING
	06:30 - 11:45	5.25	D	03		DRILL 121/4" HOLE F/ 2900' - 2990' 17.14' / HR. FORM. TAKING 150 - 200 BPH
	11:45 - 12:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	12:00 - 12:15	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C/ O 7 SEC'S
	12:15 - 12:45	0.50	D	15		HOLD SAFETY MEETING W/ AIR DRILLER / RIG CREW INSTALL ROTATING HEAD ELEMENT
	12:45 - 16:15	3.50	D	03		DRILL F/ 2990' - 3007' W/ 900 CFM AIR & 750 GPM WATER ECD 6.0 PPG
	16:15 - 17:15	1.00	D	08		SHUT AIR OFF & CIRC. BTMS. UP
	17:15 - 18:00	0.75	D	04		POH WITH BIT #1 TO 1657'. FLOW CHECK
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:15 - 19:15	1.00	D	06		WORK ON TOP DRIVE GRABBER
	19:15 - 21:00	1.75	D	04		CONTINUE TO TRIP OUT OF HOLE 1657' TO BHA
	21:00 - 21:30	0.50	D	04		LD JARS, BREAK OUT TBR'S, LAY DOWN MWD.
	21:30 - 21:45	0.25	D	06		LUBRICATE RIG
21:45 - 01:15	3.50	D	04		MAKE UP TRICONE BIT, INSTALL NEW MWD PROBE, PU ONE NEW TBR AND ONE OLD , PU JARS, PULSE TEST MWD, RUN BHA IN HOLE.	
11/7/2009	01:15 - 02:45	1.50	D	04		CONTINUE TO RIH WITH DP. INSTALL ROTATING HEAD RUBBER AT 2682'.
	02:45 - 03:00	0.25	D	18		SAFETY AND OPERATIONS MEETING ON AERATED MUD DRILLING. DISCUSSED HAZARDS AND OPERATION PROCEDURES.
	03:00 - 03:30	0.50	D	07		WASH AND REAM TO BOTTOM AS PRECAUTION BECAUSE BIT WAS UNDERGAGE AND WHILE AIR WORKING AROUND HOLE. GOOD RETURNS WITH AIR.
	03:30 - 06:00	2.50	D	03		DRILL FROM 3007' TO 3030'. (27' IN 2.5 HRS FOR 10.8' /HR) 900 CFM AIR FOR ECD OF 5.91 PPG. 760 GPM, WOB 13 TO 23K, RPM 40, REDUCED AIR TO 650 CFM DUE TO TOO MUCH FOAM AND PUMPS HAMMERING. ECD 6.5PPG
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 08:30	2.25	D	03		DRILL 121/4" HOLE F/ 3030' - 3083' (53' FOR 23.5'/HR) 900 CFM AIR 750 GPM WATER
	08:30 - 10:30	2.00	D	05		ACC. CONN. AND SURVEY TIME
	10:30 - 11:00	0.50	DT	65		WORK ON MUD PUMPS



Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRO PETRO  
 Rig Name: PRO PETRO

Start: 9/20/2009  
 Rig Release: 9/28/2009  
 Rig Number: 8

Spud Date: 9/20/2009  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/7/2009	11:00 - 11:45	0.75	DT	60		REPAIR ELECTRICAL PROBLEMS ( SCR ROOM )
	11:45 - 12:00	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	12:00 - 18:00	6.00	D	03		DRILL F/ 3083' - 3247'. (164' for 27.3/hr) 850 CFM AIR 750 GPM WATER ECD 6.1 PPG
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING REVIEW 90' CONNECTIONS WITH NEW CREW MEMBER
	18:15 - 21:45	3.50	D	03		DRILL 3247' TO 3338'. (91' FOR 26'/HR) 900 CFM AIR 6.20 ECD 750 GPM WATER
	21:45 - 22:00	0.25	D	06		LUBRICATE RIG FUNCTION UPR 7 SEC C/O
	22:00 - 04:30	6.50	D	03		DRILL 3338' TO 3540'. (202' FOR 31.1'/HR) 900 CFM AIR 6.20 ECD 750 GPM WATER WOB 40K. PIT LEVEL STAYING NEARLY CONSTANT.
	04:30 - 06:00	1.50	D	05		CONNECTION AND TIME REQUIRED TO TRY TO GET SURVEYS MOSTLY BECAUSE NEITHER MWD WORKING VERY WITH AIREATED FLUID. ACHIEVED A SURVEY ON THE 4TH CONNECTION. 3434' 1.1 DEG 238.7 AZM. A SLIGHT BUILD TREND MAY BE STARTING.
11/8/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 07:15	1.00	D	03		DRILL 12 1/4" HOLE F/ 3540' - 3587' 900 CFM AIR 750 GPM WATER
	07:15 - 09:30	2.25	D	05		TOOK SURVEY AT 3527' 4.8* Az 247.8 TOOK FOLLOWING SURVEYS TO DETERMINE WHERE DEVIATION STARTED @3432' 1.1* Az 238.7 @ 3453' 1.4* Az 241.9 @ 3474' 1.6* Az 241.3 @ 3484' 4.4* Az 242.2 @ 3494' 4.5* Az 245.8
	09:30 - 13:00	3.50	DT	61		CIRC. HAD TO PUMP H2O AT 300 GPM & AIR AT 1000 CFM FOR 15 MIN. BEFORE CIRC. WAS REGAINED CONT. CIRC. BUILDING VOLUME IN RESERVE PIT WHILE WAITING ON ORDERS & LOCATING 9 5/8" MOTOR W/ ADJUSTABLE HOUSING
	13:00 - 17:00	4.00	DT	61		POH W/ DRLG. STRING LAY DOWN TBR'S & NON ADJUSTABLE MUD MOTOR
	17:00 - 17:15	0.25	D	06		LUBRICATE RIG, FUNCTION BLIND RAMS. 7 SEC
	17:15 - 18:00	0.75	DT	61		ATTEMPT TO BREAK HUNTING 9 5/8" MOTOR.
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING. (INCIDENT REVIEW)
	18:15 - 22:00	3.75	DT	61		HUNTING REP CAME TO LOCATION AND WE WERE UNABLE TO GET MOTOR TO BREAK. LAY DOWN MOTOR. WAIT ON TOTAL DIRECTIONAL 9 5/8" MOTOR TO ARRIVE. DRESS BITW/ 3-20/32 JETS, STRAP 3 - 7" DC'S TO BE PICKED UP.
	22:00 - 23:15	1.25	DT	61		MAKE UP 9 5/8" MOTOR W/ 12 1/4" BIT & 1.5 BEND, SCRIBE, INSTALL SURVEY TOOLS.
	23:15 - 23:30	0.25	DT	61		PULSE TEST MOTOR.
	23:30 - 23:45	0.25	DT	61		PICK UP 3 - 7" DC.
	23:45 - 01:45	2.00	DT	61		RIH TO 3400'.
01:45 - 02:00	0.25	DT	61		INSTALL R-BOP.	
02:00 - 02:15	0.25	DT	61		RIH.	
02:15 - 04:30	2.25	DT	61		ORIENTATE MOTOR, WASH & WORK PIPE TO STRAITEN HOLE, FROM 4.8 DEGREE TO 1.8 DEGREE.	
11/9/2009	04:30 - 06:00	1.50	D	03		DRILL AHEAD FROM 3588' - 3610'
	06:00 - 06:15	0.25	D	18		PRETOUR HANDOVER AND SAFETY MEETING ON
	06:15 - 16:00	9.75	D	03		DRILL 3610' TO 3963' (353' FOR 36.2'/HR) SURVEY 3 SINGLES UNTIL SURVEY IN NEW HOLE IS OBSERVED. 2.1 DEGREE MAX. ROTATE WITH AIR AND SURVEY EACH STAND. AIR VARIED FROM 850 CFM TO 950 CFM W/ 750 GPM. THIS HAS KEPT PIT IN A 4" LEVEL RANGE.



Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRO PETRO  
 Rig Name: PRO PETRO  
 Start: 9/20/2009  
 Rig Release: 9/28/2009  
 Rig Number: 8  
 Spud Date: 9/20/2009  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/9/2009	16:00 - 17:00	1.00	D	05		SURVEY AND CONNECTION TIME
	17:00 - 17:15	0.25	D	06		LUBRICATE RIG, FUNCTION ANNULAR 24 SEC.
	17:15 - 18:00	0.75	D	03		DRILL 3963' TO 4000'. SURVEY @ 3902' INC 2 AZM 250.
	18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING, REVIEW JSA # 3 USE OF TONGS.
	18:15 - 23:15	5.00	D	03		DRILL F/ 4000' TO 4153' 153' @ 30.6 FT/HR. SURVEY @ 4094' INC 2.4 AZM 250.6. 770 GPM W/ 900 SCFM, 6.53 ECD.
	23:15 - 23:30	0.25	D	18		RIG SERVICE FUNCTION LOWER PIPR RAMS 7 SEC.
	23:30 - 03:15	3.75	D	03		DRILL F/ 4153' TO 4244' 91 FT, 28 FT/HR. SURVEY @ 4183' INC 2.2 AZM 250.0.
	03:15 - 04:30	1.25	DT	60		PRESSURE GAUGE ON STAND PIPE STRIPPED OUT OF NIPPLE, WAIT FOR WELDER
	04:30 - 05:00	0.50	DT	60		POOH TO CSG. INSTALL SAFETY VALVE, CLOSE PIPE RAMS.
	05:00 - 06:00	1.00	DT	60		WELD NIPPLE IN STAND PIPE.
11/10/2009	06:00 - 06:15	0.25	D	18		PRETOUR HANDOVER AND SAFETY MEETING ON HIGH PRESSURE FITTINGS
	06:15 - 07:15	1.00	DT	60		WELD NIPPLE ON STANDPIPE AND REPLACE ANOTHER COLLAR WITH CORRODED THREADS.
	07:15 - 08:30	1.25	DT	60		TRIP IN HOLE 1721' TO 4244'.
	08:30 - 16:00	7.50	D	03		DRILL 4244' TO 4430'. (186' FOR 24.8'/HR) AIR RANGED FROM 900 CFM TO 750 CFM TO GET THE PIT TO DROP. 750 CFM = 6.74 PPG ECD. 775 GPM, 1970 PSI,
	16:00 - 16:15	0.25	D	06		LUBRICATE RIG FUNCTION LPR 8 SEC.
	16:15 - 16:45	0.50	DT	60		WORK ON TOP DRIVE
	16:45 - 18:00	1.25	D	03		DRILL 4430' TO 4460'. (30' FOR 24'/HR) AIR 750 CFM = 6.74 PPG ECD. 775 GPM, 2000 PSI, 50 RPM. 40K WOB.
	18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING ( HOUSE KEEPING)
	18:15 - 02:00	7.75	D	03		DRILL F 4460'-4625'. 165 FT, 21.29 FT/HR. PUMP 20 BBL SWEEP. AIR RANGING FROM 750 SCFM TO 950 SCFM. 770 GPM 950 SCFM 6.6 ECD. 1960 PSI. ROTATARY FROM 45 TO 59, TORQUE 4106 TO 9499. LEVEL OFF BACK TO ROTATARY 48/ TO 51, TORQUE 6526 TO 6871.
	02:00 - 02:15	0.25	D	06		RIG SERVICE FUNCTION UPPER PIPE RAMS 7 SEC.
02:15 - 05:30	3.25	D	03		DRILL 4625 TO 4676'. 51', 14.3'/HR AIR 850CFM 6.7 ECD TORQUE 6400, 775 GPM, 50 RPM, 40K WOB, 1970 PSI.	
11/11/2009	05:30 - 06:00	0.50	D	05		ACCUMULATED CONNECTION TIME & SURVEY
	06:00 - 06:15	0.25	D	18		PRETOUR HANDOVER AND SAFETY MEETING
	06:15 - 13:45	7.50	D	03		DRILL 4676' TO 4812'. 136', 18.1'/HR
	13:45 - 14:00	0.25	D	06		LUBRICATE RIG, FUNCTION LPR 8 SEC
	14:00 - 14:30	0.50	D	05		SURVEY AND CONNECTION TIME
	14:30 - 14:45	0.25	D	03		DRILL 4812' TO 4830', 18', 6450 TORQUE, 775 GPM, 39K WOB, 50 RPM 850 CFM 6.74 ECD
	14:45 - 15:15	0.50	D	08		CIRCULATE BOTTOMS UP WITHOUT AIR. MAINTAINED CIRCULATION ALL THE WAY.
	15:15 - 18:00	2.75	D	04		POOH 4830'. PULL ROTATING HEAD AND FLOW CHECK AT 4325'. POOH TO 400'. WORKING BHA.
	18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING
	18:15 - 18:30	0.25	D	04		CONTINUE TO POOH
18:30 - 19:15	0.75	D	04		LAY OUT DIR TOOLS, CHANGE OUT BIT.	
19:15 - 19:30	0.25	D	06		RIG SERVICE. FUNCTION BLIND RAMS 8 SEC.	
19:30 - 23:00	3.50	D	04		MAKE UP BIT & BHA, RIH.	
23:00 - 23:15	0.25	D	04		INSTALL R-BOP.	
23:15 - 01:00	1.75	D	04		WASH TO BOTTOM	



Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRO PETRO  
 Rig Name: PRO PETRO

Start: 9/20/2009  
 Rig Release: 9/28/2009  
 Rig Number: 8  
 Spud Date: 9/20/2009  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/11/2009	01:00 - 05:30	4.50	D	03		DRILL F/ 4829'- 4962' PUMP 20 BBL SWEEPS. 900 SCFM 770 GPM, 6.7 ECD.
	05:30 - 06:00	0.50	D	05		ACCUM, CONNECTION & SURVEY TIME
11/12/2009	06:00 - 06:15	0.25	D	18		PRETOUR HANDOVER AND SAFETY MEETING
	06:15 - 11:45	5.50	D	03		DRILL 4962' TO 5199'. 237', 43.1'/HR, 750 TO 900 CFM 6.9/ 6.7 ECD 775 GPM, 50 RPM 40K WOB
	11:45 - 12:15	0.50	D	05		DIRECTIONAL SURVEY AND CONNECTION TIME.
	12:15 - 12:30	0.25	D	06		LUBRICATE RIG, FUNCTION ANNULAR 24 SEC
	12:30 - 18:00	5.50	D	03		DRILL 5199' TO 5390', 191', 34.7'/HR, 750 GPM 950 CFM AT 6.7 ECD, 50 RPM, 40K WOB,
	18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING (HOUSE ETIQUETTE)
	18:15 - 19:30	1.25	D	03		DRILL F/ 5390'-5430' TD. PUMP 15 BBL SWEEP. 950 SCMF. 770 GPM. 6.7 ECD.
	19:30 - 20:15	0.75	D	08		CIRC BOTTOMS UP CATCH SAMPLE.
	20:15 - 21:15	1.00	D	05		TAKE SURVEY, 5386' 3.1 INC, 240.6 AZM.
	21:15 - 23:00	1.75	D	04		PULL R-BOP, WIPER TRIP TO SHOE
	23:00 - 23:45	0.75	D	06		RIG SERVICE, FUNCTION UPPER PIPE RAMS. 7 SEC.
	23:45 - 00:15	0.50	D	04		RIH
	00:15 - 00:30	0.25	D	04		INSTALL R-BOP.
	00:30 - 01:30	1.00	D	04		RIH, BREAK CIRC
	01:30 - 02:30	1.00	D	08		CIRC BOTTOMS.
	02:30 - 06:00	3.50	D	04		POOH, STRAP OUT. LAY OUT SUREY TOOLS. LAY DOWN 9 5/8 DC.
11/13/2009	06:00 - 06:15	0.25	D	18		PRETOUR HAND OVER AND SAFETY MEETING, LD BHA, PREPARE TO RUN CASING
	06:15 - 08:30	2.25	D	04		LD BHA, 9.5" DC'S, 8" MONELS, MWD, 9 5/8" MOTOR AND BIT.
	08:30 - 10:00	1.50	D	04		PULL WEAR BUSHING. DIFFICULTY GETTING HOLD OF IT AND KEEPING IT.
	10:00 - 11:30	1.50	D	12		RIG DOWN ELEVATORS BALES, CLEAN FLOOR, INSTALL BELL NIPPLE IN RBOP.
	11:30 - 11:45	0.25	D	12		SAFETY MEETING ON RIG UP OF TESCO RUNNING TOOL.
	11:45 - 12:45	1.00	D	12		RU CASING CREW EQUIPMENT.
	12:45 - 18:00	5.25	D	12		MAKE UP FLOAT SHOE, 1 JOINT OF 9 5/8" 40#, N-80, LTC CASING, FLOAT COLLAR, CONTINUED TO MAKE UP CASING TO 2750'. CENTRILIZERS ON EACH FIRST 3 JOINTS AND 1 EVERY THIRD JOINT.
	18:00 - 18:15	0.25	D	18		PRETOUR HANDOVER MEETING (RUNNING CSG)
	18:15 - 00:45	6.50	D	12		RUN A TOTAL OF 120 JTS W/ 1 LANDING JT 1 FLOOR SHOE & 1 FLOAT COLLAR OF 9 5/8" # 40, N80, LT&C CASING LANDED @ 5416.7 FT.
	00:45 - 04:00	3.25	D	12		RIG UP 350 TON ELAVATORS & BAILS. INSTALL HALLIBURTON PLUG LOADING HEAD, RIG OUT TESCO. RIG IN HALLIBURTON CIRC CONDITION HOLE,
11/14/2009	04:00 - 06:00	2.00	D	08		PRETOUR HAND OVER AND SAFETY MEETING WITH HALLIBURTON ON N2 CEMENT JOB
	06:00 - 06:15	0.25	D	18		CIRCULATE CASING WITH AIR AND WATER. 700 CFM AIR AT 6.7 ECD AND 350 GPM WATER. WELL CIRCULATING REAL WELL.
	06:15 - 07:30	1.25	D	14		CEMENT WITH HALLIBURTON, PRESSURE TEST CEMENT LINES TO 6000 AND N2 LINES TO 8000 PSI. PUMP 10 BBL FRESH WATER, 20 BBL SUPERFLUSH AT 10 PPG, 20 BBL FRESH WATER, 5 BBL WATER WITH N2, 1360 SACKS LEAD CEMENT WITH 2.37 YIELD WITH N2, 14.3 PPG, 1.24 YIELD, 9 GAL WATER, 37.6% FOAM QUALITY, PUMP 270 SKS TAIL 14.3 PPG, 1.24 YIELD, 5.38 GAL WATER. DISPLACE3 WITH 407 BBL PIUT WATER. BUMPED PLUG
	07:30 - 11:00	3.50	D	15		



# EL PASO PRODUCTION Operations Summary Report

Legal Well Name:	DWR 3-32B5	
Common Well Name:	DWR 3-32B5	Spud Date: 9/20/2009
Event Name:	DRILLING	Start: 9/20/2009 End:
Contractor Name:	PRO PETRO	Rig Release: 9/28/2009 Group:
Rig Name:	PRO PETRO	Rig Number: 8

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/14/2009	07:30 - 11:00	3.50	D	15		AND FLOATS HELD. HELD. LOST RETURNS JUST BEFORE DROPPING PLUG. FINAL PRESSURE 450 PSI WITH 1085 ON PLUG FOR 10 MINUTES. DID NOT PUMP CAP CEMENT.
	11:00 - 14:30	3.50	D	14		RIG DOWN CEMENTERS
	14:30 - 18:00	3.50	D	14		LD LANDING JOINT AND SET SEAL AND TEST TO 5000PSI. RUN AND SET WEAR RING. TIGHTENED LOCK NUTS IN B AND C SECTION.
	18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING. (PRESSURE TESTING)
	18:15 - 20:30	2.25	D	15		WOC
	20:30 - 21:30	1.00	D	09		PRESSURE TEST CSG TO 1500 PSI. FOR 30 MINS.
	21:30 - 21:45	0.25	D	18		SAFETY MEETING (RUNNING WIRELINE)
	21:45 - 23:30	1.75	D	11		RIG UP WIRELINE & RUN TEMPURE LOG.
	23:30 - 04:00	4.50	D	04		MAKE UP BHA. PDC, TOQUE BUSTER, MOTOR, TBR, UBHO SUB, MONEL, GAP SUB, MONEL, TBR, JARS, DCS, HWDP, RIH, PULSE TEST SURVEY, RIH,.
	04:00 - 06:00	2.00	D	04		
11/15/2009	06:00 - 06:15	0.25	D	18		PRETOUR HANDOVER AND SAFETY MEETING ON BOP DRILL
	06:15 - 08:30	2.25	D	04		CONTINUE TO RIH 3700 TO 5359. TAGGGED UP.
	08:30 - 09:15	0.75	D	13		TAG UP AT 6359.7' DRILL RUBBER PLUG AND DRILL CEMENT TO SHOE AT 5416'
	09:15 - 09:30	0.25	D	03		DRILL OUT OF SHOE 10'. 5416 TO 5426'.
	09:30 - 10:00	0.50	D	08		CIRCULATE BOTTOMS UP TO PREFORM FIT.
	10:00 - 11:30	1.50	D	09		HOOK UP WEATHERFORD TO C SECTION. OPEN CHOKE MANIFOLD, CLOSE IBOP AND ANNULAR. PRESSURE UP TO 100 PSI. CHECK FOR LEAKS, HOLD SAFETY MEETING AND JSA.
						PREFORM FIT. FORMATION BUILT TO 760 PSI AND BROKE BACK. 0.57 PSI/FT GRADIENT WITH 8.4 PPG WATER IN HOLE.
	11:30 - 17:30	6.00	D	03		DRILL 8 3/4" HOLE FROM 5426' TO 5626'
	17:30 - 18:00	0.50	D	05		DIRECTIONAL SURVEY AND CONNECTION TIME.
	18:00 - 18:15	0.25	D	18		PRETOUR HANDOVER MEETING
11/16/2009	18:15 - 19:00	0.75	D	03		DRILL F/ 5626'-5635'
	19:00 - 20:15	1.25	DT	60		CIRC BOTTOMS. SECURE WELL. WELD LEAK IN TANK #4.
	20:15 - 20:30	0.25	D	03		BOP DRILL, WELL SECURE 91 SEC.
	20:30 - 21:45	1.25	D	03		DRILL F/ 5635'-5686'
	21:45 - 22:00	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SEC.
	22:00 - 04:30	6.50	D	03		DRILL F/ 5668'-5811'
	04:30 - 05:00	0.50	D	05		ACCUM CONNECTION, SURVEY TIME
	05:00 - 05:30	0.50	D	08		CIRC BOTTOMS UP
	05:30 - 06:00	0.50	D	04		POOH SURVEY TOOLS NOT WORKING
	06:00 - 06:15	0.25	D	18		PRETOUR HAND OVER MEETING
06:15 - 06:30	0.25	D	04		POH F/ 5384' - 4723'	
06:30 - 07:00	0.50	DT	05		ATTEMPT TO TAKE SURVEY NO SUCCESS	
07:00 - 10:00	3.00	DT	04		CONT. POH TAKE REQUIRED FLOW CK'S CAL. FILL 64.96 BBLs. ACT. 118.23 BBLs. + 53.29 BBLs.	
10:00 - 12:00	2.00	DT	04		CHANGE MWD TOOL BIT #5 9 CRACKED / BROKEN CUTTERS FUNCTION BLIND RAMS C / O 7 SEC'S	
12:00 - 13:45	1.75	DT	04		RIH W/ BIT #6 WASH LAST STD. TO BTM. SHALLOW TEST MWD AT 200' OK	
13:45 - 14:15	0.50	D	05		DEVIATION SURVEY @5742' 3.3* Az 221.3	
14:15 - 16:00	1.75	D	03		DRILL 83/4" HOLE F/ 5811' - 5853'	
16:00 - 16:15	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S	
16:15 - 18:00	1.75	D	03		DRILL F/ 5853' - 5948'	
18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING. (WEEKEND AWARENESS)	
18:15 - 00:00	5.75	D	03		DRILL W/ 8.3/4" F/ 5948'-6229' 281FT 48.8 FT/HR. CHANGE OUT	



Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRO PETRO  
 Rig Name: PRO PETRO  
 Start: 9/20/2009  
 Rig Release: 9/28/2009  
 Rig Number: 8  
 Spud Date: 9/20/2009  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/16/2009	18:15 - 00:00	5.75	D	03		WEIGHT SENCER FOR PASON
	00:00 - 00:15	0.25	D	06		RIG SERVICE. FUNCTION LOWER PIPE RAMS 6 SEC.
	00:15 - 05:15	5.00	D	03		DRILL 8 3/4" PDC F/ 6229'-6380' 151 FT 30.2 FT/HR
	05:15 - 06:00	0.75	D	05		ACCUM CONNECTION & SURVEY TIME
11/17/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING MAKING 90' MOUSE HOLE CONNECTIONS
	06:15 - 15:00	8.75	D	03		DRILL 83/4" HOLE F/ 6380' - 6601' 25.25 FPH
	15:00 - 15:30	0.50	D	05		ACC. CONNECTION & SURVEY TIME
	15:30 - 15:45	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	15:45 - 18:00	2.25	D	03		DRILL F/ 6601' - 6639' PUMPING 10 BBL. HI VIS WELL BORE STRENGTHENING SWEEPS EVERY 180' ( 6 PPB CAL. CARB. & 2 PPB SEAL AX WAX )
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING.
	18:15 - 22:00	3.75	D	03		DRILL 8 3/4" HOLE F/ 6639'-6662'
	22:00 - 22:45	0.75	D	08		PUMP SWEEP, CIRC TO SURFACE.
	22:45 - 02:15	3.50	D	04		POOH. FC @ 6600', 6212', 3352', 831, SURFACE. HOLE FILL 71 BBLs CACL, MEAS 164 BBLs, DIFF 92.7 BBLs. HOLE IN GOOD SHAPE THIS TIME.
	02:15 - 05:00	2.75	D	04		LAY OUT DIRECTIONAL TOOLS & MOTOR
11/18/2009	05:00 - 06:00	1.00	D	04		MAKE UP NEW MOTOR & BIT.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 06:30	0.25	D	06		FUNCTION BLIND RAMS C / O 7 SEC'S CLEAN UP AND INSPECT BIT
	06:30 - 07:30	1.00	D	04		CHANGE MULE SHOE & MWD PROBE
	07:30 - 09:00	1.50	D	04		MAKE UP BHA PICKED UP 3 ADDITIONAL 7" DC'S ( TOTAL 18 ) SHALLOW TESTED MWD OK
	09:00 - 10:45	1.75	D	04		CONT. RIH WASH LAST STD. TO BTM. AS SOON AS CIRC. WAS OBTAINED DP PRESS. WENT F/ 2500 PSI UP TO 4100 PSI AND HAS REMAINED THRU OUT THE DAY TIED INTO 95/8" X 133/8" ANNULUS WITH WEATHERFORD PRESS. TEST UNIT ATTEMPT TO OBTAIN INJECTION RATE & PRESS. PUMPED FOR 30 MIN. AT 12.6 GPM ( 9 BBLs. ) WITH 0 PRESS. RIG OUT WEATHERFORD
	10:45 - 16:45	6.00	D	03		DRILL 8 3/4" HOLE F/ 6662' - 6795' TOOK 1 SURVEY AT 6626' THEN SURVEY TOOL QUIT WORKING
	16:45 - 17:00	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	17:00 - 18:00	1.00	D	03		DRILL F/ 6795' - 6839' 44 FT. 44 FT/HR.
	18:00 - 18:15	0.25	D	18		CREW CHANGE MEETING
11/19/2009	18:15 - 22:30	4.25	D	03		DRILL 8 3/4" HOLE F/ 6839'-6975'. 136 FT. 32 FT/HR
	22:30 - 22:45	0.25	D	06		RIG SERVICE
	22:45 - 06:00	7.25	D	03		DRILL 8 3/4" HOLE F/ 6975'-7198' 223 FT. 30 FT/HR
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 13:00	6.75	D	03		DRILL 83/4" HOLE F/ 7198' - 7443' 36.29 FPH
	13:00 - 13:30	0.50	D	08		CIRC. BTMS. UP PULL UP 1 SINGLE TO @7412"
	13:30 - 16:00	2.50	DT	05		RIG IN SINGLE SHOT WIRELINE HOLD SAFETY MEETING RIH W / MWD WIRELINE RETRIEVING TOOL LATCH ONTO MWD TOOL PULLED SURVEY TOOL UP TO 7164' ( JAR BTM. 7184' JAR TOP 7152' ) SURVEY TOOL STUCK IN MIDDLE OF DRLG. JARS ATTEMPT TO WORK & JAR MWD UPWARD WITH 2700# ON 12TH ATTEMPT SHEAR PIN BROKE, RELEASING OVER SHOT GRAPPLE PULL OUT OF HOLE WITH FISHING TOOL RIG OUT SINGLE SHOT WIRELINE ALL OF GRAPPLE ASSEMBLY CAME OUT OF HOLE
	16:00 - 18:00	2.00	DT	04		POH WITH DRILL STRING



Operations Summary Report

Legal Well Name: DWR 3-32B5
Common Well Name: DWR 3-32B5
Event Name: DRILLING
Contractor Name: PRO PETRO
Rig Name: PRO PETRO

Start: 9/20/2009
Rig Release: 9/28/2009
Rig Number: 8

Spud Date: 9/20/2009
End:
Group:

Table with columns: Date, From - To, Hours, Code, Sub Code, Phase, Description of Operations. Contains detailed log entries for dates 11/19/2009, 11/20/2009, 11/21/2009, and 11/22/2009.



Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRO PETRO  
 Rig Name: PRO PETRO  
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/22/2009	16:15 - 16:30	0.25	D	18		BOP DRILL WELL SECURE IN 60 SEC'S
	16:30 - 18:00	1.50	D	08		CIRC.COND. MUD RAISE VIS. TO 45 - 47 SEC'S / QT.
	18:00 - 18:15	0.25	D	18		CREW CHANGE SAFETY MEETING
	18:15 - 21:45	3.50	D	04		WIPER TRIP TO CSG SHOE. (PULL 44 STANDS TO 5427' ) F/C 9416, 5416,
11/22/2009	21:45 - 23:00	1.25	D	08		CIRC. CONDITION HOLE
	23:00 - 06:00	7.00	D	04		WIPER TRIP TO SHOE TIGH HOLE @ 8163',7744',7085', RIH REAM @ 7047' TIGHT WORK PIPE. REAM TO BOTTOM.
11/23/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 07:30	1.25	DT	56		WASH & REAM F/ 8300' - 9416' EASY REAMING
	07:30 - 09:00	1.50	DT	56		CIRC. BTMS. UP 2X NOT MUCH COMMING OVER SHAKERS VIS. 49 WL 17 MUD WT. 9.1
	09:00 - 12:00	3.00	DT	56		MAKE WIPER TRIP HOLE TIGHT FOR FIRST 11 STD'S DP HAD TO PUMP OUT & BACK REAM UP TO 8355' WASH AND REAM BACK TO BTM. 9416'
	12:00 - 13:15	1.25	DT	56		CIRC. BTMS. UP 2X RAISED VIS TO 54 AND ADD 20% SAWDUST TO MUD SYSTEM WELL STATIC
	13:15 - 17:45	4.50	D	04		PULL 10 STD'S FLOW CK. PUMP TRIP PILL CONT. POH TAKE REQUIRED FLOW CK'S HAD SLIGHT SPOTS AT @9092', 8714' & 8027'
	17:45 - 18:00	0.25	D	06		RIG SERVICE
	18:00 - 18:15	0.25	D	18		CREW CHANGE MEETING.
	18:15 - 20:45	2.50	D	04		LAY DOWN DIRECTIONAL TOOLS.
	20:45 - 21:30	0.75	DT	08		PERFORM FEED RATE BETWEEN 13 3/8" & 9 5/8" CSG. 2 BBL'S PER MIN @ 30PSI. PUMPED 240 BBL'S.
	21:30 - 21:45	0.25	D	18		SAFETY MEETING WITH LOGGERS.
	21:45 - 22:30	0.75	D	11		RIG UP LOGGERS.
	22:30 - 00:15	1.75	D	11		RIH WITH LOGGING TOOLS. TAG BRIDGES @ 7910',7960',8300',8565',8630',
	00:15 - 00:45	0.50	DT	67		START LOGGING OUT OF HOLE @ 8809'. WORK BACK UP TO 8057'. STUCK IN HOLE. WORK WIRELINE TO A SAFETY TENSION OF 11600, NO MOVEMENT.
	00:45 - 03:00	2.25	DT	67		WORK WIRELINE, PULL IN TESION TO 11600, FOR 30 MINS, SLACK OFF FOR 30 MINS, CONTINUE THIS WHILE OFFICE MAKES DISCISION
	03:00 - 06:00	3.00	DT	67		WORK WIRELINE, PULL IN TESION TO 11600, FOR 30 MINS, SLACK OFF FOR 30 MINS, CONTINUE THIS WHILE WAITING FOR FISHING EQUIPMENT & MAN.
11/24/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 13:15	7.00	DT	58		CONT. WORKING STUCK LOGGING TOOL ( ACRT / DSN / SDL / GTET ) TOP OF TOOL AT @8057' WORK TOOL UPWARD TO 11600# FOR 30 MIN. THEN ATTEMPT TO WORK TOOL DOWNWARD FOR 30 MIN. NO MOVEMENT AT 1000 HRS. STARTED PULLING UP TO 12100# BY 1015 HRS. TOOL CAME FREE LOGGING INFO. INITIALY GOT DOWN TO 8809'
						LOGGED UP F/ 8809' - 7994' WORK TIGHT HOLE WORKED TOOL DOWN TO 8057' TOOL BECAME STUCK AFTER TOOL CAME FREE LOGGED UP F/ 7987' - SURFACE W/ GAMMA RAY RIG OUT HALLIBURTON LOGGING UNIT
	13:15 - 13:30	0.25	DT	67		RIG SER. SER. TOP DRIVE & BLOCKS FUNCTION BLIND RAMS C / O 7 SEC'S
	13:30 - 15:30	2.00	DT	56		RIH W/ SMITH RR FDS+ BIT AND 2 TBR'S FILL DP AT 3500' UNABLE TO CIRC.



Operations Summary Report

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 Contractor Name: PRO PETRO  
 Rig Name: PRO PETRO  
 Start: 9/20/2009  
 Rig Release: 9/28/2009  
 Rig Number: 8  
 Spud Date: 9/20/2009  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/24/2009	15:30 - 18:00	2.50	DT	56		POH. BIT, BIT SUB & 6 FT OF DC PLUGGED WITH SAWDUST & LCM. CLEAN OUT .
	18:00 - 18:15	0.25	D	18		CREW CHANGE MEETING.
	18:15 - 22:15	4.00	D	04		MAKE UP BIT, BIT SUB. RIH FILL PIPE EVERY 2000 FT.
	22:15 - 22:30	0.25	D	18		SAFETY MEETING ON CEMENTING
	22:30 - 01:15	2.75	DT	14		TOP JOB, CEMENT BETWEEN 13 3/8" & 9 5/8" CSG. CEMENT W/ 458 SKS OF THIXOTROPIC # 12.5 (161BBL) W/ 2 LB/BBL OF CEMM. NET. ISP 45 PSI, 3 MIN 35 PSI. CLOSE VALVE.
	01:15 - 01:30	0.25	DT	56		RIG SERVICE, FUNCTION UPPER PIPE RAMS 7 SEC.
11/25/2009	01:30 - 06:00	4.50	DT	56		RIH, WASH & REAM 6973'. FROM 7975', 8036', 8043', 8052', 8093', 8128', 8411', 8429', 8555', 8753', 8807', 8888', 8891', TOOK 10,000 TO 20,000 CONTINUE REAMING TO BOTTOM
	06:00 - 06:15	0.25	DT	56		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 09:30	3.25	DT	56		CONT. WASHING & REAMING F/ 8891' - 9416' AT TIMES HAVING TO REAM & REREAM STD'S BEFORE MAKING A CONNECTION UNABLE TO REGAIN CIRC. AFTER MAKING CONNECTION AT 9400' HOLE PACKING OFF BACK REAMED UP 1 STD. TO 9304' BEFORE CIRC. WAS REGAINED REAMED & REREAMED F/ 9304 - 9401' NUMEROUS TIMES BEFORE HOLE CLEANED UP REAMED ON DOWN TO BTM. AT 9416'
	09:30 - 10:30	1.00	DT	56		CIRC. COND. HOLE VIS. 58 WT. 9.1 WL 15.6 YP 22
	10:30 - 12:45	2.25	DT	56		POH SLIGHT TIGHT SPOT AT 9225', 9120' & 8769' HAD TO BACK REAM UP THRU BRIDGE AT 8769' REST OF TRIP UP TO CASG. SHOE WAS GOOD TAKE REQUIRED FLOW CK'S WELL STATIC
	12:45 - 13:00	0.25	DT	56		RIG SER. SER. BLOCKS & TOP DRIVE , FUNCTION UPPER PIPE RAMS C / O 7 SEC'S
	13:00 - 14:00	1.00	DT	56		RIH F/ CASG. SHOE TO 8739' STRING STARTED TAKING WT.
	14:00 - 16:45	2.75	DT	56		WASH & REAM F/ 8739' - 9416' SMALL AMOUNT OF 3" LONG SLIVERS OF SHALE COMMING OUT OF HOLE
	16:45 - 18:00	1.25	DT	56		CIRC. COND. MUD & HOLE
	18:00 - 18:15	0.25	DT	56		CREW CHANGE MEETING. SAFETY MEETING ON TRIPPING IN& OUT JSA # 1&2
	18:15 - 19:00	0.75	DT	56		CIRC CONDITION MUD
	19:00 - 21:45	2.75	DT	56		WIPER TRIP 10 STANDS. RIH REAM @ 9116', 9239'. 6 FT FILL.
	21:45 - 01:30	3.75	DT	56		CIRC & CONDITION MUD. VIS 59, WT 9.0 RAISE WT TO 9.3
	01:30 - 03:30	2.00	DT	56		WIPER TRIP 10 STANDS.
	11/26/2009	03:30 - 04:15	0.75	DT	56	
04:15 - 04:30		0.25	DT	56		RIG SERVICE FUNCTION LOWER PIPE RAMS 7 SEC.
04:30 - 06:00		1.50	D	04		PULL 10 STANDS, START LAYING DOWN PIPE.
06:00 - 06:15		0.25	D	18		HANDOVER & PRETOUR SAFETY MEETING
06:15 - 08:45		2.50	D	04		CONT. POH LAYING DOWN DRILL STRING
08:45 - 09:45		1.00	DT	60		REPAIR CATWALK SKATE
09:45 - 16:45		7.00	D	04		CONT. LAYING DOWN DRILL STRING
16:45 - 17:45		1.00	D	04		PULL WEAR BUSHING
17:45 - 18:00		0.25	D	06		RIG SER. SER. TOP DRIVE & TRAVELLING BLOCKS FUNCTION BLIND RAMS C / O 7 SEC'S
18:00 - 18:15		0.25	D	18		HANDOVER & PRETOUR SAFETY MEETING RIGGING UP CASING TOOLS
18:15 - 20:30	2.25	D	12		RIG UP TESCO RUNNING TOOLS. HAD DIFFICULTY WITH THE TRANSFORMER FOR AWHILE.	
20:30 - 20:45	0.25	D	12		SAFETY MEETING ON RUNNING 7" CASING.	
20:45 - 03:45	7.00	D	12		RUN 7" 29# P110 LTC CASING. FLOAT SHOE, 1 JT, FLOAT COLLAR,	



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 Rig Name: PRO PETRO

Spud Date: 9/20/2009  
 Start: 9/20/2009 End:  
 Rig Release: 9/28/2009 Group:  
 Rig Number: 8

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/26/2009	20:45 - 03:45	7.00	D	12		(THREAD LOCKED) CENTRILIZERS ON FIRST 2 JOINTS WITH STOP RINGS AND ON THE 3RD COLLAR. CENTRILIZER EVERY 3RD COLLAR UP INTO CASING. 35 CENTRILIZERS. RAN AND FILLED CASING ON THE RUN TO 5290'. HAD FLOW ON ALL JOINTS.
	03:45 - 04:15	0.50	D	08		BREAK CIRCULATION WITH 66 SPM. FINAL CIRCULATING PRESSURE IS 235 PSI. 23 BBL GAIN. IN PITS FROM METAL DISPLACEMENT. NO LOSSES. HOOKLOAD 176K.
	04:15 - 06:00	1.75	D	12		CONTINUE TO RUN 7" CASING INTO OPEN HOLE. BREAK CIRCULATION AT 6302'. ALMOST IMMEDIATE RETURNS. 235 PSI. CONTINUE IN HOLE. AT 6900' AT 6 AM.
11/27/2009	06:00 - 06:15	0.25	D	12		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 11:15	5.00	D	12		CONT. RUNNING 7" CASG. TO 8565' WASHED LAST 10 JTS. TO BTM. GOOD RETURNS THRU OUT RUNNING & WASHING CASG. TO BTM.
	11:15 - 14:00	2.75	D	08		CIRC. CASG. BTMS. UP 2X LAY DOWN 2 JTS. CASG. USED TO TAG BTM. WITH MAKE UP LANDING JT. CONT. CIRCULATING WHILE RIGGING OUT TESCO CASG. RUNNING EQUIP. RAN 241 JTS. 7" P-110 29# LT&C CASG. LENGTH W/ FLOAT EQUIP. & LANDING JT. @9412.19'
	14:00 - 15:45	1.75	D	12		CONT. CIRCULATING WHILE ALIGNING TORQUE TUBE AND BOP STACK
	15:45 - 16:00	0.25	D	14		RIG IN SCHLUMBERGER HOLD SAFETY MEETING
	16:00 - 18:00	2.00	D	14		MIX AND PUMP CEMENT JOB: PUMP 20 BBL 10.5 PPG MUDPUSHII, MIX AND PUMP 198 BBL 11 PPG LEAD SLURRY, 285 SKA, 3.95 YIELD, 25.5 GAL MIX WATER. MIX AND PUMP 74 BBL 12.5 PPG TAIL, 185 SKS, 2.3 YIELD, 12.5 GAL MIX WATER, DROPPED PLUG AT 17:30, DISPLACE WITH 9.3 PPG MUD. HOLE GOT TIGHT JUST AFTER DROPPING PLUG AND RETURNS REDUCED TO ABOUT HALF FOR 15 MINUTES. HOLE CLEANED ON FOR RECEPICATION AND CONTINUED TO DISPLACE. MAY HAVE LOST ABOUT 50 BBL.
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:15 - 18:45	0.50	D	14		STOPPED RECEPICION AT 1834 AND STOPPED DISPLACING AT 1842 WITH 1100 PSI. DID NOT PUMP PLUG AND PUMPED 1 BBL OVER THE 347 CALCULATED. 950 PSI BEFORE CHECKING FLOATS, OK.
	18:45 - 20:00	1.25	D	15		FLUSH STACK OUT WITH FRESH WATER ENTERING AT THE B SECTION VALVE, RD SCHLUMBERGER.
	20:00 - 21:15	1.25	D	10		LAY DOWN LANDING JOINT. PU 1 JT DP AND PUP, RUNNING TOOL AND PACKOFF. RIH AND SEAT IN WELLHEAD. TIGHTEN LOCK DOWN SCREWS AND TEST TO 5000 PSI. CLEANING PITS # 1 AND 4.
	21:15 - 21:30	0.25	D	18		SAFETY MEETING ON CHANGING PIPE RAMS
	21:30 - 23:45	2.25	D	09		RU TOP DRIVE GUIDE, BAILS AND SAVER SUB, CLEAR FLOOR, CHANGE PIPE RAMS FROM 5" TO 3 1/2".
	23:45 - 00:00	0.25	D	06		LUBRICATE RIG FUNCTION UPR AND LPR 8 SEC.
00:00 - 03:30	3.50	D	09		RUN TEST PLUG. FINISH TEST MANIFOLD SHACK. 300 LOW AND 10K HIGH ON ALL VALVES. PUTTING BHA ON PIPE RACKS AND 3 1/2" DP ON OTHER SIDE.	
03:30 - 03:45	0.25	D	18		SAFETY MEETING FOR PRESSURE TESTING STACK AND SURFACE EQUIPMENT.	
03:45 - 06:00	2.25	D	09		TEST BOPE: TEST 2 PIPE RAMS TO 250/10K, ANNULAR TO 250/5K.	
11/28/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING



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 Rig Release: 9/28/2009  
 Rig Number: 8  
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/28/2009	06:15 - 11:00	4.75	D	09		PRESS. TEST BLIND RAMS 250 PSI LOW & 10K HIGH CASG. TO 2500 PSI 30 MIN. PRESS. TEST STABBING VALVE , INSIDE BOP, STD. PIPE & MUD MANIFOLD VALVES 250 PSI LOW 5K HIGH ALL TESTS 10 MIN. DURATION DO 5 FUNCTION TEST WITH ACC. SHUT OFF FINAL ACC. PRESS. 1450 PSI RECHARGE TO 3000 PSI IN 2 MIN.50 SEC'S
	11:00 - 14:30	3.50	D	04		MAKE UP ULTERRA 61/8" MT1355CDS BIT, 43/4" WENZEL MUD MOTOR ( 1.5" ) DIRECTIONAL TLS. & BHA SHALLOW TEST MWD NOT WORKING PULL & SER. MWD RERUN BHA SHALLOW TEST MWD OK
	14:30 - 17:00	2.50	D	04		CONT. PICKING UP 43/4" DC'S, 6 JTS. 31/2" HWDP & 31/2" DP TO 2143'
	17:00 - 17:15	0.25	D	06		RIG SER. PULSE TEST MWD OK
	17:15 - 18:00	0.75	D	04		CONT. TRIP IN HOLE F/ 2143' - 2650'
	18:00 - 18:15	0.25	D	18		PRETOUR HAND OVER AND SAFETY MEETING. REVIEW PRECISION SAFETY ALERTS
	18:15 - 21:15	3.00	D	04		CONTINUE TO PU DP AND RIH 2650 TO 7528'. FILL PIPE AND PULSE TEST AT 4055 AND 6217 AND 7528'.
	21:15 - 21:45	0.50	D	18		SLIP AND CUT DRILLING LINE WHILE CIRCULATING HOLE. GOOD PULSES.
	21:45 - 22:30	0.75	D	04		CONTINUE TO PU DP AND RIH 7528' TO 8652'. TAGGED UP.
	22:30 - 22:45	0.25	D	18		BOP DRILL WHILE TRIPPING SECURED IN 46 SEC.
	22:45 - 02:15	3.50	D	13		MAKE UP STANDS AND WASH IN HOLE. RUBBER FROM PLUG CAME UP WITH BOTTOMS UP. DRILLED CEMENT WITH 200 GPM, 30 RPM, WOB 2 TO 7K. DRILLED CEMENT FROM 8652' TO 9406'. (764' IN 3.5 HRS 218'/HR) DRILLED 10' OUT OF CASING. BOTH THE FLOAT COLLAR AND FLOAT SHOE WERE SEEN ON THE DRILLING RATE AT 9360' AND 9406'.
	02:15 - 03:15	1.00	D	08		CBU AND CONDITION MUD. SAFETY MEETING ON FIT. REVIEW WEATHERFORD HAZARD ANALYSIS.
	03:15 - 04:00	0.75	D	09		FIT: 9.1 PPG MW, 1900 PSI SURFACE PRESSURE. CASING AT 9406'. 13 PPG EQ. OR 0.67 PSI/FT
	04:00 - 04:15	0.25	D	06		LUBRICATE RIG FUNCTION HCR 3 SEC UPR 7 SEC
04:15 - 06:00	1.75	D			DRILL 9416 TO 9450', (34' for 19.4/hr) WOB 14K, GPM 200, RPM 32, PUMP PSI 1980.	
11/29/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 09:45	3.50	D	03		DRILL 61/8" HOLE F/ 9450' - 9532' 23.42' / HR.
	09:45 - 10:00	0.25	D	09		BOP DRILL WELL SECURE IN 1 MIN. 15 SEC
	10:00 - 14:00	4.00	D	03		DRILL F/ 9532' - 9630' 24.5' / HR.
	14:00 - 14:15	0.25	D	06		RIG SER. SER. TOP DRIVE & BLOCKS
	14:15 - 17:30	3.25	D	03		DRILL F/ 9630' - 9685' 16.92' / HR.
	17:30 - 17:45	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	17:45 - 18:00	0.25	DT	60		REPAIR VALVE ON STAND PIPE
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:15 - 23:45	5.50	D	03		DRILL 6 1/8" HOLE 9685' TO 9819'. 134' FOR 24.36'/HR.
23:45 - 00:00	0.25	D	06		LUBRICATE RIG FUNCTION LPR 7 SEC.	
00:00 - 01:00	1.00	D	05		DIRECTIONAL SURVEY AND ACCUMULATED CONNECTION TIME.	
01:00 - 06:00	5.00	D	03		DRILL 6 1/8" HOLE 9819' TO 9940'. 121' FOR 24.2'/HR	
11/30/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 08:15	2.00	D	03		DRILL 61/8" HOLE F/ 9940' - 9987' HAD A 3' DRLG. BRK. AT 9954' AND ANOTHER 3' BRK. AT 9969' BTMS. UP FROM THESE DRLG. BRKS. GAS WENT FROM A BGG OF 75 UNITS TO 4958 UNITS
	08:15 - 08:45	0.50	D	10		INSTALL ROTATING HEAD ELEMENT



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 Spud Date: 9/20/2009  
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 Rig Release: 9/28/2009  
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/30/2009	08:45 - 15:15	6.50	D	03		DRILL F/ 9987' - 10105' DRILLED AHEAD W/ GAS INCREASING TO 7000 U MUD WT. 9.2 PPG PERIODICALLY HAD 20' FLARE RAISING MUD DENSITY BY 10090' HAD MUD WT. UP TO 9.6 PPG W/ A BGG OF 1500 U
	15:15 - 15:30	0.25	D	06		RIG SER. SER. TOP DRIVE & BLOCKS
	15:30 - 16:00	0.50	DT	60		WORK ON TOP DRIVE
	16:00 - 17:45	1.75	D	03		DRILL F/ 10105' - 10142' 21.14' / HR. MUD WT. 9.6 PPG BGG 1050 U
	17:45 - 18:00	0.25	D	05		ACC. CONNECTION & SURVEY TIME
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:15 - 20:15	2.00	D	03		DRILL F/ 10142' to 10,199' 28.5' / HR. MUD WT. 9.6 PPG BGG 250 U
	20:15 - 20:30	0.25	D	06		LUBRICATE RIG FUNCTION UPR 7 SEC.
	20:30 - 21:30	1.00	D	05		ACCUMULATED CONNECTION & SURVEY TIME
	21:30 - 06:00	8.50	D	03		DRILL F/ 10,199' - 10420' 20.0' / HR. MUD WT. 9.6 PPG BGG 500 U PEAKS 4208 AT 10402' AND 4550 AT 10313'
12/1/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 13:45	7.50	D	03		DRILL 61/8" HOLE F/ 10420' - 10583' 21.73' / HR. BGG 343 U GAS SHOW OF 2875 U FROM 10515'
	13:45 - 14:00	0.25	D	06		RIG SER. SER. TOP DRIVE & BLOCKS FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S
	14:00 - 17:45	3.75	D	03		DRILL F/ 10583' - 10675' 24.53' / HR. BGG 197 U NO SIGNIFICANT GAS SHOWS SINCE 10515'
	17:45 - 18:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:15 - 02:00	7.75	D	03		DRILL 61/8" HOLE F/ 10583' - 10867' 36.64' / HR. LOST PARTIAL RETURNS AT 10785', SLOWED PUMPS AND PUMPED 2 LCM PILLS. HAD FULL RETURNS BY 10813'. WENT THROUGH GAS BUSTER AT CONNECTION GAS BECAUSE IT CONTAINED OIL THAT BLINDED SCREENS. BG 300 U. CONNECTION GAS 5770 U WITH DOUBLE PEAK. SURVEYS AT BOTH CONNECTIONS WERE MISRUNS, NO SIGNAL. NO WHILE DRILLING SHOWS.
	02:00 - 02:15	0.25	D	06		LUBRICATE RIG, FUNCTION ANNULAR, 24 SEC
	02:15 - 03:15	1.00	D	05		ACCUMULATED SURVEY AND CONNECTION TIME.
	03:15 - 06:00	2.75	D	03		DRILL 61/8" HOLE F/ 10867 - 10955' 32.0' / HR. BGG 150 TO 350 U CONNECTION GAS OF 2895 U THROUGH GAS BUSTER. OIL ON SHAKERS AT BOTTOMS UP. SURVEY MISSRUN. MOTOR STALLING MORE FREQUENTLY. SHOW OF 1671 U FROM 10925'.
12/2/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 15:45	9.50	D	03		DRILL 61/8" HOLE F/ 10955' - 11151' 20.63' / HR. BGG 1875 U SLOWLY RAISING MUD DENSITY TO 10.1 PPG BGG NOT WANTING TO COME DOWN STAYING AROUND 1900 U
	15:45 - 16:00	0.25	D	06		RIG SER. SER. TOP DRIVE & BLOCKS FUNCTION UPPER PIPE RAMS C / O 7 SEC'S
	16:00 - 16:15	0.25	DT	64		ATTEMPT TO REGAIN COMMUNICATION WITH MWD TOOL NO SUCCESS
	16:15 - 18:00	1.75	D	03		DRILL F/ 11151' - 11190' 23.42' / HR BGG 1822 U. MW 10.1 IN 10.0 OUT.
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING WELL CONTROL, WATCH AT CONNECTIONS FOR FLOW, WELL IS TAKING SOME SEPAGE SO PIT GAIN IS NOT ACCURATE.
	18:15 - 00:00	5.75	D	03		DRILL F/ 11190' - 11341' 26.26' / HR BGG 1822 U. MW 10.1 IN 10.0 OUT. FLOW CHECK AT CONNECTION AT 11246', BGG 3166 (SHOW)



Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRO PETRO  
 Rig Name: PRO PETRO  
 Start: 9/20/2009  
 Rig Release: 9/28/2009  
 Rig Number: 8  
 Spud Date: 9/20/2009  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/2/2009	18:15 - 00:00	5.75	D	03		FINAL BGG 2729. 10.6 MW AROUND.
	00:00 - 00:15	0.25	D	06		LUBRICATE RIG, FUNCTION UPR 7 SEC
	00:15 - 01:00	0.75	D	05		ACCUMULATED SURVEY ATTEMPTS AND CONNECTION TIME
	01:00 - 06:00	5.00	D	03		DRILL 6 1/8" HOLE 11341' - 11420'. 15.8'/HR BGG INCREASED TO 3333 U AT 11366' AND 10.7 PPG FINAL 2000 U WITH 11.5 IN 11.4 OUT THROUGH BUSTER.
12/3/2009	06:00 - 06:15	0.25	D	18		HAND OVER AND PRETOUR SAFETY MEETING
	06:15 - 06:30	0.25	D	03		DRILL 61/8" HOLE F/ 11420' - 11425' MUD WT. 11.5 PPG BGG 1541 U
	06:30 - 07:00	0.50	D	08		CIRC. BTMS. UP BY PASSING SHALE SHAKERS
	07:00 - 08:45	1.75	D	04		MAKE 10 STD. WIPER TRIP FLOW CK. WELL STATIC
	08:45 - 10:00	1.25	D	08		CIRC. COND. MUD & HOLE HAD 5291 U GAS ON BTMS. UP BGG STAYING AROUND 1500 U
	10:00 - 15:30	5.50	D	04		POH W/ BIT #10 TAKE REQUIRED FLOW CK'S WELL STATIC
	15:30 - 17:45	2.25	D	04		PULL MWD (POPIT BENT) LAY DOWN MUD MOTOR CHANGE OUT UBO SUB PICK UP NEW MOTOR SET AT 1.5° ORIENT MWD.
	17:45 - 18:00	0.25	D	06		RIG SERVICE, LUBRICATE BLOCKS AND TOP DRIVE, FUNCTION BLIND RAMS, 6 SEC TO CLOSE. PULSE TEST MWD, RIH.
	18:00 - 18:15	0.25	D	18		HAND OVER AND PRETOUR SAFETY MEETING
	18:15 - 22:15	4.00	D	04		CONTINUE IN HOLE, 940' TO 9334'. FILL PIPE AT CHECK MWD FOR PULSES AT 388', 3500', 6500', 9334'.
	22:15 - 22:45	0.50	D	18		HANG BLOCKS, SLIP AND CUT WHILE CIRCULATING.
	22:45 - 23:00	0.25	DT	60		WORK ON TOP DRIVE. REPLACE 2 HYDRAULIC HOSES.
	23:00 - 00:15	1.25	D	04		CONTINUE TO RIH, 9334' TO 11247'. WASH LAST 2 STANDS DOWN PRECAUTIONARY.
	00:15 - 04:30	4.25	D	03		DRILL 6 1/8" HOLE FROM 11425' - 11532'. 15.18 '/HR. BOTTOMS UP THROUGH BUSTER 4186 U WITH INTERMITTANT FLARE UP TO 20' MW 11.5 PPG. LOST RETURNS AT 11460'. DROPPED FLOW RATE TO 200 GPM WHILE MIXING LCM SWEEP. PUMPED SWEEP, RECOVERED FLOW RETURNED TO 250 GPM AND 3250 PSI.
	04:30 - 04:45	0.25	D	06		LUBRICATE RIG FUNCTION ANNULAR 24 SEC.
04:45 - 05:15	0.50	D	05		DEVIATION SURVEY ATTEMPT AND CONNECTION TIME.	
05:15 - 06:00	0.75	D	03		DRILL 6 1/8" HOLE 11532' - 11570'. 30.4 '/HR. BGG 1583 U, CONNECTION GAS 2482 U. MW IN AND OUT 11.5 AND 44 VIS, 6% LCM.	
12/4/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 12:30	6.25	D	03		DRILL 61/8" HOLE F/ 11570' - 11720' 24' /HR. BGG 600 - 800 U GAS SHOW OF 2187U COMMING F/ 11692'
	12:30 - 12:45	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S
	12:45 - 13:00	0.25	D	05		ATTEMPT TO TAKE SURVEY NO SUCCESS
	13:00 - 17:45	4.75	D	03		DRILL F/ 11720' - 11816' 20.21' /HR. BGG 1150 U NO GAS SHOWS SINCE 11692'
	17:45 - 18:00	0.25	D	09		BOP DRILL WELL SECURE IN 90 SEC'S
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:15 - 05:30	11.25	D	03		DRILL 6 1/8" HOLE 11692' - 12008'. (316') 28.08 '/HR 2916 U FROM 11850', SEVERAL PEAKS 2000+U FROM SMALL BREAKS AT 11890'. BGG 2104 U.
	05:30 - 05:45	0.25	D	18		BOP DRILL WELL SECURED IN 1 MIN 40 SEC.
05:45 - 06:00	0.25	D	06		LUBRICATE RIG. SERVICE BLOCKS AND TOP DRIVE, FUNCTION ANNULAR 22 SEC CLOSE.	
12/5/2009	06:00 - 06:15	0.25	D	18		PRETOUR HAND OVER AND SAFETY MEETING.(PERSONAL HYGENE)
	06:15 - 16:00	9.75	D	03		DRILL 6 1/8" HOLE 12008' - 12198' BGG 932 U CONNECTION 2812 U



Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRO PETRO  
 Rig Name: PRO PETRO  
 Start: 9/20/2009  
 Rig Release: 9/28/2009  
 Rig Number: 8  
 Spud Date: 9/20/2009  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/5/2009	06:15 - 16:00	9.75	D	03		MAX CONN 3750. SURVEY TOOL STARTED WORKING. MW 11.5 PPG. THROUGH BUSTER.
	16:00 - 16:15	0.25	D	06		LUBRICATE RIG
	16:15 - 17:30	1.25	D	03		DRILL 6 1/8" HOLE 12198' - 12222' 19.2'/HR NO GAS SHOWS BGG 1015 U.
	17:30 - 18:00	0.50	D	05		ACCUMULATED SURVEY AND CONNECTION TIME.
	18:00 - 18:15	0.25	D	18		PRETOUR HAND OVER AND SAFETY MEETING. WEEKEND AWARENESS
	18:15 - 01:00	6.75	D	03		DRILL 6 1/8" HOLE 12222 - 12299'. 11.41'/HR. NO SHOWS BGG 1359 U. HIT A DRILLING BREAK, DP PRESSURED UP LIKE A PACKOFF, STARTED TO LOOSE FLUID. PU OFF BOTTOM.
	01:00 - 02:30	1.50	DT	67		PUMP OUT 2 STANDS TO ESTABLISH PROBLEM. NO DRAG ONCE OFF BOTTOM. ALL PRESSURE IS INSIDE DP. 3000PSI AT 41 SPM.
	02:30 - 05:45	3.25	D	03		DROP SAPP AND SOAP STICKS AS WASH TO BOTTOM. DRILL 6 1/8" HOLE 12299 - 12340' 12.61 '/HR. DRILL AHEAD WITH 10 K WHILE WAITING TO UNPLUG THE RESTRICTION IN THE DP. 185 GPM AT 3000 PSI. WITH THE USE OF SOAP AND SAPP STICKS THE RESTRICTION ALLOWED 200 GPM AT 3000 TO 3200 PSI. BGG 1130 U CONN MAX 3020 U
	05:45 - 06:00	0.25	D	06		LUBRICATE RIG SERVICE BLOCKS AND TOP DRIVE, FUNCTION PASON CHOKE.
	12/6/2009	06:00 - 06:15	0.25	D	18	
06:15 - 09:00		2.75	D	03		DRILL 6 1/8" HOLE 12340' - 12387'. 17.1 '/HR NO SHOWS.
09:00 - 09:15		0.25	D	06		LUBRICATE RIG CLOSE LPR 6 SEC
09:15 - 17:30		8.25	D	03		DRILL 6 1/8" HOLE 12387' - 12555'. 20.36 '/HR. NO SHOWS BGG 1450 U.CONNECTION GAS 2250'.
17:30 - 18:00		0.50	D	05		SURVEY AND CONNECTION TIME
18:00 - 18:15		0.25	D	18		CREW CHANGE
18:15 - 01:15		7.00	D	03		DRILL 6 1/8" HOLE 12555'-12672'. 117 FT. 16.7 FT/HR NO SHOWS BGG 1442 U. CONNECTION GAS 2208 UNITS
01:15 - 01:30		0.25	D	06		RIG SERVICE BLOCKS TOP DRIVE, FUNCTION ANN 21 VSEC.
12/7/2009	01:30 - 05:45	4.25	D	03		DRILL 6 1/8" HOLE 12672'-12733' 61 FT 14.35 FT/HR NO SHOW. BGG 890 UNITS CONNECTION GAS 1687 UNITS MW 11.7 VIS 45. DUMP SAND TRAP.
	05:45 - 06:00	0.25	D	05		ACUMM CONECTION & SURVEY TIME.
	06:00 - 06:15	0.25	D	18		PRETOUR CHANGE OUT AND SAFETY MEETING
	06:15 - 11:30	5.25	D	03		DRILL 6 1/8" HOLE 12733' - 12800'. 12.76'/HR BGG 984 CONN 1875 CIRCULATE BOTTOMS UP 2 TIMES. LAST SURVEY AND FLOWCKECK FINAL BGG 848
	11:30 - 13:30	2.00	D	08		POOH TO SHOE, PUMP DRY JOB, TRIP TO SHOE HAD NO DRAG. RIH WITH NO BRIDGES, WASH LAST 2 STANDS TO BOTTOM AS PRECAUTIONARY.
	13:30 - 16:30	3.00	D	04		CIRCULATE 2 BOTTOMS UP IN PREP FOR LOGGING. BGG 693 U AND BOTTOMS UP GAS
	16:30 - 18:00	1.50	D	08		CREW CHANGE
	18:00 - 18:15	0.25	D	18		CIRC CONDITION MUD
	18:15 - 18:45	0.50	D	08		POOH TO LOG. F/C 12800', 12765', 12400', 9395'
	18:45 - 22:00	3.25	D	04		SAFETY MEETING W/ ELPASO SAFETY HAND & CREW.
	22:00 - 22:30	0.50	D	18		CONTINUE POOH. 9395'. F/C 6900', BHA, OOH. CACULATED TRIP MUD, 71.31 BBLs. MEAS 73.5 BBLs DIFF + 2.19 BBLs WELL STATIC LAY OUT DIRECTIONAL TOOLS, MONELS UBHO SUB MOTOR RIG UP LOGGERS, SAFETY MEETING W/ LOGGERS & RIG CREW
02:00 - 03:00	1.00	D	04			
03:00 - 05:00	2.00	D	11			



**EL PASO PRODUCTION**  
**Operations Summary Report**

Legal Well Name:	DWR 3-32B5	Spud Date:	9/20/2009
Common Well Name:	DWR 3-32B5	Start:	9/20/2009
Event Name:	DRILLING	End:	
Contractor Name:	PRO PETRO	Rig Release:	9/28/2009
Rig Name:	PRO PETRO	Group:	
		Rig Number:	8

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/7/2009	05:00 - 06:00	1.00	D	11		PICK UP LOGGING TOOLS RIH.
12/8/2009	06:00 - 06:15	0.25	D	18		PRETOUR CHANGEOUT AND SAFETY MEETING (LOGGING)
	06:15 - 12:30	6.25	D	11		WIRELINE LOGS WITH HALLIBURTON, TRIPLE COMBO W/ SONIC. DENSITY QUIT AT 6000', POOH CHANGE TOOL, RIH W/L TOTAL DEPTH 12812'. (LOST RUBBER DECENTALIZER OFF OF TOOL)
	12:30 - 13:00	0.50	D	11		RIG DOWN LOGGERS.
	13:00 - 14:45	1.75	D	04		MAKE UP BHA W/ ROLLER CONE BIT. RIH, f/c @ 1068', 3063', FILL PIPE
	14:45 - 15:00	0.25	D	06		RIG SERVICE FUNCTION LOWER PIPE RAMS. 6 SEC
	15:00 - 15:15	0.25	D	04		INSTALL R-BOP.
	15:15 - 18:00	2.75	D	04		CONTINUE RIH. F/C 9394'. FILL PIPE, WASH TO BOTTOM. F/ 12682'. NO FILL.
	18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING TRIPPING PIPE, MIXING
	18:15 - 21:15	3.00	D	08		CHEMICALS REVIEW
	21:15 - 03:45	6.50	D	04		CIRC CONDITION MUD, MONITOR LOSSES & GAS BACK GROUND GAS 40 UNITS BOTTOM HOLE GAS 1468 UNITS PUMP SWEEP, POOH, 5 STANDS FLOW CHECK, DROP DRIFT IN DP. POOH. F/C 9326', 6574', 698' HOLE FILL MEAS, 71.6 BBLS CACLU, 70.2 BBLS. DIFF + 1.39 BBLS.
	03:45 - 04:00	0.25	D	18		RIG SERVICE BLOCKS, TOP DRIVE, FUNCTION BLIND RAMS 7 SEC.
	04:00 - 06:00	2.00	D	12		SAFETY MEETING W/ CREW & POWER TONGS, PICKING UP EQUIPMENT. RIG UP. SAFETY MEETING W/ RIG CREW POWER TONGS & HALLIBURTON LINER CREW.
	12/9/2009	06:00 - 06:15	0.25	D	18	
06:15 - 10:45		4.50	D	12		LINER, FREEZES AND PRECAUTIONS WHILE PUMPING. MAKE UP FLOAT SHOE, ONE JT 4 1/2" 13.5 # P-110, LTC CASING, FLOAT COLLAR, (THREAD LOCKED ALL CONNECTIONS INCLUDING TOP OF FLOAT COLLAR) RUN 67 JOINTS 4 1/2" 13.5# P110, LTC CASING (2448.65'), TORQUE 3275, RUN 29 JOINTS 4 1/2" 11.5# P-110, LTC CASING (1199.87') TORQUE 3020. TOTAL LINER AND FLOAT EQUIPMENT 3648.52'. LINER HANGER 22.28', RUNNING TOOL, 6.8', PUP JOINT 6.08', PU ONE STAND OF DP AND DISPLACE LINER WITH CLEAN MUD.
10:45 - 11:00		0.25	D	12		RIG DOWN CASING TOOLS.
11:00 - 19:15		8.25	D	12		RIH WITH LINER ON STANDS FROM DERRICK AT 40'/MIN. FILL EVERY 1000'. TAG BRIDGE @ 12456',
19:15 - 22:15		3.00	D	12		KELLY UP WASH 3 1/2 STANDS TO BOTTOM. BOTTOM HOLE GAS 2333 UNITS.
22:15 - 00:15		2.00	D	08		CIRC BTOMS UP, LOSING FLUID MIX & PUMP LCM PILL.
00:15 - 01:30		1.25	D	08		SAFETY MEETING W/ AL PERSONAL ON LOCATION
12/10/2009	01:30 - 02:30	1.00	DT	65		WORK ON SCHLUMBERGER PUMP MOTOR. CIRC WELL
	02:30 - 03:45	1.25	D	14		RIG UP CEMENTERS
	03:45 - 06:00	2.25	D	14		MIX & PUMP CEMENT.
	06:00 - 06:15	0.25	D	18		PRETOUR CHANGEOUT AND SAFETY MEETING, CEMENTING AND
	06:15 - 09:30	3.25	D			LDDP. PUMP WATER TO WARM UP LINES FOR PRESSURE TEST TO 8500 PSI. PUMP 20 BBL MUDPUSHII AT 13 PPG, 86 BBL CEMENT AT 14.1 PPG, WASH UP, DROP WIPER PLUG, DISPLACE WITH 5 BBL RETARTED FLUID, 45 BBL WATER, 5 BBL RETARDED FLUID, 57 BBL MUD. BUMPED PLUG, DROPPED BALL, RUPTURED DISK, CIRCULATED BALL TO SEAT, SET HANGER, RELEASED FROM HANGER, CIRCULATED CEMENT OUT OF HOLE, APPLIED POSITIVE TEST 1500 PSI FOR 10 MINUTES, DISPLACE OUT MUD



Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
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 Contractor Name: PRO PETRO  
 Rig Name: PRO PETRO  
 Start: 9/20/2009  
 Rig Release: 9/28/2009  
 Rig Number: 8  
 Spud Date: 9/20/2009  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/10/2009	06:15 - 09:30	3.25	D			WITH WATER UNTIL CLEANED UP, OBSERVE FOR FLOW 10 MINUTES.
	09:30 - 10:45	1.25	D	12		RIG DOWN CEMENTERS AND LINER PLUG DROPPING HEAD.
	10:45 - 11:15	0.50	D	04		FLUSH PUMPS AND FLOWLINE, BLOWDOWN SAME
	11:15 - 17:45	6.50	D	04		LDDP F/C 7751', 5063' OUT OF HOLE.
	17:45 - 18:00	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 23 SEC.
	18:00 - 18:15	0.25	D	18		CREW CHANGE
	18:15 - 18:30	0.25	D	04		LDDP F/C OUT OF HOLE.
	18:30 - 20:30	2.00	D	04		RIH W/BHA, & 30 STANDS DP
	20:30 - 21:15	0.75	D	06		SLIP DRILL LINE
	21:15 - 00:30	3.25	D	04		FINISH LAYING OUT DP. HWDP & DC.
	00:30 - 00:45	0.25	D	04		BLOW OUT CHOKE LINE & KILL LINES
	00:45 - 03:15	2.50	D	10		SET TBG SET BP @ 89' TO CENTER RUBBER. PRESS TEST (TROUBLE W/ RIG PUMP REGAINING PRIME, CLOSE VALVES ON PUMP MANIFOLD) TO 865 PSI.
		03:15 - 06:00	2.75	D	10	
12/11/2009	06:00 - 06:15	0.25	D	18		PRETOUR MEETING AND SAFETY MEETING, COLD OPERATIONS AND NIPPLE DOWN
	06:15 - 18:00	11.75	D	15		NIPPLE DOWN BOPE REPLACE RAMS TO 5" FROM 3 1/2". REPLACE C SECTION AND TEST SAME TO 5000 PSI. SEND MUD FROM PREMIX TO RIG 404, CLEAN INSIDE PITS AND PREMIX WITH SUPER SUCKER.
	18:00 - 21:30	3.50	D	15		INSTALL AND TEST COMPLETIONS BOP TO 250 PSI LOW 8500 PSI HIGH, CLEAN INSIDE PITS WITH SUPER SUCKER.
	21:30 - 22:30	1.00	D	15		PULL BP.
	22:30 - 04:45	6.25	D	01		RIG DOWN TOP DRIVE
12/12/2009	04:45 - 06:00	1.25	D	01		TEAR OUT RIG
	06:00 - 06:15	0.25	D	18		PRETOUR CHANGEOUT AND SAFETY MEETING, RIGDOWN
	06:15 - 18:00	11.75	D	01		MOVE CAMP AND RIG BACK UP ON NEW LOCATION. GENERAL RIG DOWN, SET PART OF STACK ON WELL HEAD AT NEW LOCATION. CRANE ARRIVED AND RIGGED UP. INSPECTION OF SWIVEL AND TOP DRIVE FOUND THE BOX ON THE SWIVEL CRACKED. THIS IS THE 3RD TIME IN 4 WELLS.
	18:00 - 18:15	0.25	D	18		SASFETY MEETING (SUSPENDEED LOADS)
	18:15 - 23:30	5.25	D	01		PULL HYD LINES, POWER CORDS, F/PUMPS
	23:30 - 06:00	6.50	D	01		WAIT FOR DAY LIGHT. RIG RELEASED 06:00 HRS DEC 12/09. RBF.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> DWR 3-32B5	
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP	<b>9. API NUMBER:</b> 43013342070000	
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana St. , Houston, TX, 77002	<b>PHONE NUMBER:</b> 713 420-5038 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1300 FSL 1173 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 32 Township: 02.0S Range: 05.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 6/21/2011	<input type="checkbox"/> <b>ACIDIZE</b> <input type="checkbox"/> <b>ALTER CASING</b> <input type="checkbox"/> <b>CASING REPAIR</b> <input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b> <input type="checkbox"/> <b>CHANGE TUBING</b> <input type="checkbox"/> <b>CHANGE WELL NAME</b> <input type="checkbox"/> <b>CHANGE WELL STATUS</b> <input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b> <input type="checkbox"/> <b>CONVERT WELL TYPE</b> <input type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>FRACTURE TREAT</b> <input type="checkbox"/> <b>NEW CONSTRUCTION</b> <input type="checkbox"/> <b>OPERATOR CHANGE</b> <input type="checkbox"/> <b>PLUG AND ABANDON</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/> <b>PRODUCTION START OR RESUME</b> <input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b> <input type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b> <input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b> <input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b> <input type="checkbox"/> <b>TEMPORARY ABANDON</b> <input type="checkbox"/> <b>TUBING REPAIR</b> <input type="checkbox"/> <b>VENT OR FLARE</b> <input type="checkbox"/> <b>WATER DISPOSAL</b> <input type="checkbox"/> <b>WATER SHUTOFF</b> <input type="checkbox"/> <b>SI TA STATUS EXTENSION</b> <input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b> <input type="checkbox"/> <b>OTHER</b>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. As per Notice of Reporting Problems.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 420-5038	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/21/2011	

 <b>Daily Drilling Report</b> <b>Onshore</b>	<b>Well Name: DWR 3-32B5</b>  Country: USA State: UTAH Field: ALTAMONT-BLUEBELL Supervisors: Wayne Garner Engineer/Manager: Travis Lauer / Eric Giles	Report Number: 1 Report Date: 9/19/2009 Spud Date: 9/20/2009 Release Date: 12/9/2009 DFS:           DOL:           AFE Days: 0 Last BOP T.:                   CSG Test: Safety & Environmental Incident:
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Depth md/tvd (ft): / Progress (ft): ROP (ft/hr): / = Proposed TD (ft): 13,100.0 Next Csg Point (ft):	Rig: Rig Phone: 534-823-1405 RKB Elevation (ft): 6,188.00 Ground Elevation (ft): 6,188.00 POL: 0	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td>Drig</td> <td>Comp</td> <td>Total</td> </tr> <tr> <td>AFE #:</td> <td>133856</td> <td>133856</td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>88,158</td> <td></td> <td>88,158</td> </tr> <tr> <td>Cum Cost(\$):</td> <td>88,158</td> <td></td> <td>88,158</td> </tr> <tr> <td>AFE(\$):</td> <td>3,380,798</td> <td>750,970</td> <td>4,131,768</td> </tr> </table>		Drig	Comp	Total	AFE #:	133856	133856		Day Cost(\$):	88,158		88,158	Cum Cost(\$):	88,158		88,158	AFE(\$):	3,380,798	750,970	4,131,768
	Drig	Comp	Total																			
AFE #:	133856	133856																				
Day Cost(\$):	88,158		88,158																			
Cum Cost(\$):	88,158		88,158																			
AFE(\$):	3,380,798	750,970	4,131,768																			

Current Activity: Chapman Construction built location  
 24 Hr Summary:  
 24 Hr Forecast:

MUD PROPERTIES		MUD MATERIALS		BIT RECORD		CASING				
Mud Co.:		D M Cost(\$):		Bit#		Size	MD/TVD	LOT		
Mud Engineer:		C M Cost(\$):		S/N						
Time:	Oil Cnt (%):	Mud Additive		Used		Size				
Location:	H2O Cnt (%):					Mfg				
Temp :	Sand Cnt (%):					IADC Type				
Depth :	MBT :					Type				
Weight :	pH:					Jets / 1-4				
FV :	Pm :					Jets / 5-8				
PV :	Pf /Mf :					Depth In				
YP :	Chloride :					Depth Out				
Gels :	// Calcium :					Bit Rotations				
WL :	LCM :					On Btm Hrs				
HTHP Temp	ES :					Footage				
Cake :	LGS (%):					ROP				
Solids :	Ex Lime :					WOB mn/mx				
ECD :	OWR:					RPM rot/bit				
						Bit HP				
						HSI				
						PSI Drop				
						Jet Vel				
						Imp Force				
MUD LOGGING						INVENTORY				
Trip Gas: @ (ft)		BG Gas: @ (ft)		Surf to Surf:		Item				
Conn Gas: @ (ft)		Shows:		Lag Strokes:		Inv				
Form:		Pore Pressure: (ppg)		Lag Time: (min)						
MUD LOGGING						SOLIDS CONTROL				
Grading		I O D L B G O R		Centrifuge (hr):		Skr	Deck 1 Screens	Deck 2 Screens		
Bit #				Mud Cleaner (hr):		1	///	///		
Bit #				De-Silter/De Sander (hr): /		2	///	///		
						3	///	///		
						4	///	///		
BHA #						STRING LOADS				
Qty	Description	ID	OD	Len	Cum	On Btm Torque :	MUD PUMPS			
						Off Btm Torque :	Pump Type:	#1	#2	#3
						Str. Wt. Up :	Liner ID:			
						Str. Wt. Down :	SPM:			
						Str. Wt. Rot. :	GPM:			
							SPR:			
							1 SPM:			
							Pressure:			
							2 SPM:			
							Pressure:			
							T GPM :	SPP :		
							AV (DC):	AV (DP):		
Total Length:										

SURVEYS - (Minimum Radius Method) - Plane of Vertical Section 0.000 deg							
MD	Angle	AZ	TVD	V Section	+E/-W	+N/-S	Dog Leg

Daily Operations Comments

24 Hour Summary

 <b>Daily Drilling Report</b> <b>Onshore</b>	<b>Well Name: DWR 3-32B5</b>  Country: USA State: UTAH Field: ALTAMONT-BLUEBELL Supervisors: Wayne Garner Engineer/Manager: Travis Lauer / Eric Giles	Report Number: 2 Report Date: 9/20/2009 Spud Date: 9/20/2009 Release Date: 12/9/2009 DFS: 1.00 DOL: 1.0 AFE Days: 0 Last BOP T.: CSG Test: Safety & Environmental Incident:																				
	Depth md/tvd (ft): / Progress (ft): ROP (ft/hr): / = Proposed TD (ft): 13,100.0 Next Csg Point (ft):	Rig: Rig Phone: 534-823-1405 RKB Elevation (ft): 6,188.00 Ground Elevation (ft): 6,188.00 POL: 0	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>Drig</th> <th>Comp</th> <th>Total</th> </tr> <tr> <td>AFE #:</td> <td>133856</td> <td>133856</td> <td></td> </tr> <tr> <td>Day Cost(\$):</td> <td>8,426</td> <td></td> <td>8,426</td> </tr> <tr> <td>Cum Cost(\$):</td> <td>96,585</td> <td></td> <td>96,585</td> </tr> <tr> <td>AFE(\$):</td> <td>3,380,798</td> <td>750,970</td> <td>4,131,768</td> </tr> </table>		Drig	Comp	Total	AFE #:	133856	133856		Day Cost(\$):	8,426		8,426	Cum Cost(\$):	96,585		96,585	AFE(\$):	3,380,798	750,970
	Drig	Comp	Total																			
AFE #:	133856	133856																				
Day Cost(\$):	8,426		8,426																			
Cum Cost(\$):	96,585		96,585																			
AFE(\$):	3,380,798	750,970	4,131,768																			

Current Activity: Pete Martin MIRU set 20" conductor @ 40'  
 24 Hr Summary:  
 24 Hr Forecast:

MUD PROPERTIES		MUD MATERIALS		BIT RECORD		CASING		
Mud Co.:		D M Cost(\$):		Bit#		Size	MD/TVD	LOT
Mud Engineer:		C M Cost(\$):		S/N				
Time:	Oil Cnt (%):	Mud Additive		Size				
Location:	H2O Cnt (%):	Used		Mfg				
Temp :	Sand Cnt (%):			IADC Type				
Depth :	MBT :			Type				
Weight :	pH:			Jets / 1-4				
FV :	Pm :			Jets / 5-8				
PV :	Pf /Mf :			Depth In				
YP :	Chloride :			Depth Out				
Gels :	// Calcium :			Bit Rotations				
WL :	LCM :			On Btm Hrs				
HTHP Temp	ES :			Footage				
Cake :	LGS (%):			ROP				
Solids :	Ex Lime :			WOB mn/mx				
ECD :	OWR:			RPM rot/bit				
<b>MUD LOGGING</b>				Bit HP		<b>SOLIDS CONTROL</b>		
Trip Gas: @ (ft)		BG Gas: @ (ft)		Surf to Surf:		Skr	Deck 1 Screens	Deck 2 Screens
Conn Gas: @ (ft)		Shows:		Lag Strokes:		1	///	///
Form:		Pore Pressure: (ppg)		Lag Time: (min)		2	///	///
						3	///	///
						4	///	///
<b>BHA #</b>				Grading		Centrifuge (hr):		
Qty	Description	ID	OD	Len	Cum	Mud Cleaner (hr):		
						De-Silter/De Sander (hr): /		
						<b>STRING LOADS</b>		
						<b>MUD PUMPS</b>		
						#1	#2	#3
						Pump Type:		
						Liner ID:		
						SPM:		
						GPM:		
						<b>SPR:</b>		
						1 SPM:		
						Pressure:		
						2 SPM:		
						Pressure:		
						T GPM :		
						AV (DC):		
						SPP :		
						AV (DP):		

**SURVEYS - (Minimum Radius Method) - Plane of Vertical Section 0.000 deg**

MD	Angle	AZ	TVD	V Section	+E/-W	+N/-S	Dog Leg
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Daily Operations Comments

24 Hour Summary



## EL PASO PRODUCTION

Page 1 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
9/23/2009	08:00 - 09:45	1.75	D	01		MOVE PRO PERTRO #8 ONTO ABOVE LOC.	
	09:45 - 10:00	0.25	D	18		SAFETY MEETING W/ PRO PETRO RIG CREW & PRO PETRO SAFETY SUPERVISOR (POLICES, PROCEDURES, STOP ANY UNSAFE ACT & NOT TO BE WEARING ANY JEWELRY)	
	10:00 - 12:45	2.75	D	01		SPOT & RIG UP	
	12:45 - 13:00	0.25	D	01		INSPECT EQUIPMENT. OK	
	13:00 - 15:00	2.00	D	03		MAKE UP 17.5" AIR HAMMER, RIH START DRILLING. DRILL TO 90 FT. 45 FT/HR. HYDRALIC PUMP BROKE DOWN.	
	15:00 - 18:45	3.75	DT	60		CHANGE OUT HYDRALIC PUMP.	
	18:45 - 19:00	0.25	D	18		SAFETY MEETING W/ EVENING RIG CREW	
	19:00 - 00:00	5.00	D	03		DRILL AHEAD W/ AIR HAMMER TO 340 FT 44 FT/HR	
	00:00 - 01:00	1.00	D	05		SURVEY @ 310' 0 DEGREE. NO SIGN OF WATER FLOW.	
	01:00 - 06:00	5.00	D	03		DRILL AHEAD W/ AIR HAMMER TO 580 FT. 270FT 54 FT/HR. NO SIGN OF WATER FLOW.	
9/24/2009	06:00 - 07:00	1.00	D	03		DRILL AHEAD W/ 17.5" AIR HAMMER TO 650'	
	07:00 - 07:30	0.50	D	05		SURVEY @ 610' 0 DEGREE SIGN OF WATER INFLUX 20 BBLS/HR	
	07:30 - 17:30	10.00	D	03		DRILL AHEAD W/ 17.5" AIR HAMMER. TO 970' 37 FT/HR. INFLUX OF WATER 150 BBLS/HR CATCH WATER SAMPLE @ 940'. PH 9.2, CHLORIDES 700	
	17:30 - 18:00	0.50	D	05		SURVEY @ 940'. 0 DEGREE	
	18:00 - 23:15	5.25	D	03		DRILL AHEAD W/ 17.5" AIR HAMMER TO 1090FT. 37.6 FT/HR. INFLUX OF WATER @ 150 BBLS/HR.	
	23:15 - 01:15	2.00	D	08		CIRC BOTTOMS FOR TRIP	
	01:15 - 02:30	1.25	D	04		POOH FOR BIT	
	02:30 - 05:00	2.50	D	04		RIH W/ REED EMS13G 17.5" BIT. TAG WATER @800 FT. CIRC TO BOTTOM.	
9/25/2009	05:00 - 06:00	1.00	D	03		DRILL AHEAD W/ 17.5" BIT. @ 25 FT/HR.	
	06:00 - 10:45	4.75	D	03		DRILL AHEAD W/ 17.5" BIT TO 1165' CATCH WATER SAMPLE TEST 9 PH, 700 CHORIDES	
	10:45 - 11:45	1.00	D	08		STOP DRILLING, CIRC WELL WHILE RIGGING IN FLUID PUMPS.	
	11:45 - 17:45	6.00	D	03		DRILL AHEAD W/ 17.5 BIT TO 1210'. TEST WATER @ 1210' 9 PH, 700 CHORIDES.	
	17:45 - 18:30	0.75	D	05		SURVEY @ 1180' 0.5 DEGREE	
	18:30 - 02:45	8.25	D	03		DRILL AHEAD W/ 17.5" BIT TO 1300 FT 14 FT/HR	
9/26/2009	02:45 - 03:00	0.25	D	05		SURVEY @ 1270' 0.7 DEGREE	
	03:00 - 06:00	3.00	D	03		DRILL AHEAD W/ 17.5" BIT TO 1335' 11 FT/HR. PIT LEVEL DROPPED 2" IN 12 HRS (LOST 400 BBLS)	
	06:00 - 06:15	0.25	D	06		RIG SERVICE	
	06:15 - 06:30	0.25	D	18		SAFETY MEETING	
	06:30 - 04:00	21.50	D	03		DRILL FROM 1335 TO 1505; 175' IN 21.5 HR. 9.86'/HR	
9/27/2009	04:00 - 06:00	2.00	D	05		CIRCULATE AND SURVEY 1350' 0.75 DEG, 1450' 0.5 DEG LOST 9" 1782 BBL IN 24 HRS	
	06:00 - 06:15	0.25	D	06		RIG SERVICE	
	06:15 - 06:30	0.25	D	18		SAFETY MEETING	
	06:30 - 18:00	11.50	D	03		DRILL FROM 1505 TO 1600'. 95' IN 11.5 HRS FOR 8.3'/HR	
	18:00 - 18:15	0.25	D	18		SAFETY MEETING	
	18:15 - 05:00	10.75	D	03		DRILL 1600 TO 1675'. 75' IN 10.75 HRS FOR 7'/HR	
	05:00 - 06:00	1.00	D	05		CIRCULATE AND SURVEY 1540' AT 1 DEG	
	9/28/2009	06:00 - 06:15	0.25	D	06		RIG SERVICE
		06:15 - 06:30	0.25	D	18		SAFETY MEETING
		06:30 - 17:00	10.50	D	03		DRILL FROM 1675 TO 1750'. 75' IN 10.5 HRS. 7.14'/HR. CASING TO RUN TO 1701'. 49' OF RAT HOLE.
17:00 - 18:00		1.00	D	08		CLEAN HOLE UP FOR CASING. USED AIR AND A SOAP SLUG.	



## EL PASO PRODUCTION

Page 2 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Rig Number: 426

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/28/2009	17:00 - 18:00	1.00	D	08		UNLOADED HOLE.
	18:00 - 18:45	0.75	D	05		RAN FINAL SURVEY 1720' 1.1 DEG
	18:45 - 21:00	2.25	D	04		POOH LLDP AND BHA. BIT WAS FLAT CRESTED ABOUT 30% WEAR ON TEETH.
	21:00 - 01:30	4.50	D	12		RU AND RUN 13 3/8" CASING. 38 JTS OF 13 3/8" 54# J-55 STC. 2 JT SHOE FOR TOTAL 1697.22' W/ FLOAT SHOE AND COLLAR. CENTRILIZERS ON FIRST 2 JOINTS WITH STOP RINGS AND ON THIRD COLLAR. THEN EVERY 3RD COLLAR. RAN TO BOTTOM NO FILL AND NO BRIDGES.
	01:30 - 02:00	0.50	D	12		RAN 100' OF 1" WITH RIG.
	02:00 - 02:30	0.50	D	01		LAND CASING ON CONDUCTOR WITH PLATE AND ELEVATORS. RIG DOWN UNIT.
	02:30 - 04:30	2.00	D	14		RU CEMENTERS, PUMP 200 BBL WATER, 40 BBL. GEL WATER, MIX AND PUMP 390 SACKS 11# LEAD YIELD 3.82 GAL WATER 23/SK 265 BBL SLURRY. MIX AND PUMP 600 SX TAIL AT 15.8 PPG 1.15 YIELD 5 GAL /SACK, 190 BBL. DROP PLUG, WASH UP ON TOP, DISPLACE WITH 246 BBL FRESH WATER. BUMPED PLUG, FLOATS HELD. 550 PSI AT BUMP AND INCREASE TO 880 PSI. 45 BBL OF SLURRY BACK. SLOWED TO 2 BMP LAST 20 BBL. CEMENT STILL FELL AS SOON AS PUMPING STOPPED.
9/28/2009	04:30 - 06:00	1.50	D	15		AT 0730 WE MIXED AND PUMPED 225 SX G DOWN BACK SIDE TO TOP OFF CEMENT. GOT ABOUT 5 BBL RETURNS. CEMENT SLOWLY FELL TO ABOUT 30' AFTER FINISHED PUMPING. RD AND RELEASE CEMENTERS. RELEASE RENTALS AND DRILLING CONTRACTOR MOVING LAST OF RIG EQUIPMENT OFF LOCATIUON. DENISE INGRAM WITNESSED THE END OF THE TOP JOB AND APPROVED CEMENT TO SURFACE. LAST DRILLING REPORT UNTIL MOVING DRILLING RIG IN.
10/26/2009	07:00 - 07:15	0.25	D	18		SAFETY MEETING WITH ALL CREWS ON LOCATION TO RIG DOWN AND MOVE OUT RIG
	07:15 - 19:00	11.75	D	01		RIG DOWN AND HAUL 90% OF RIG OFF LOCATION, START TO SET MATTS ON NEW LOCATION. CLEANING RIG PARTS AS MOVED.
10/27/2009	07:00 - 07:15	0.25	D	18		SAFETY MEETING FOR ALL ON LOCATION, TRUCKERS AND RIG CREW
	07:15 - 19:00	11.75	D	01		SET MATTS WITH PLACTIC, SET IN AND LEVEL SUB. SET IN PITS AND BACK YARD. HAUL 3 1/2" DP TO WEATHERFORD. CLEAN RIG WITH HOT OILERS AS POSSIBLE. CLEAN DERRICK AT OLD LOCATION. ALL OFF LOCATION EXCEPT DERRICK. DID NOT GET PERMIT APPROVED. RELEASED HAUL TRUCKS.
10/28/2009	07:00 - 07:30	0.50	D	18		SAFETY MEETING CRANE SIGNALS AND LIFTS OVER HEAD
	07:30 - 19:00	11.50	D	01		RIG UP, RAISE DRAWWORKS, CONTINUE TO RU WINTERIZATION, RECIEVE DERRICK, PIN SAME AND STRING BLOCKS. ELECTRICIANS WORK ON ELECTRICAL PANEL. SDFN.
10/29/2009	07:00 - 07:30	0.50	D	01		SAFETY MEETING WITH CRANE AND DRLG. CREWS
	07:30 - 19:00	11.50	D	01		PREPARE DERRICK STRING BLOCKS PUT ON MONKEY BRD. INSPECT & RAISE DERRICK PREPARE RACKING PLAT FORM FOR RAISING PUT UP PREFAB FRAME WORK & INSTALL TARPS RIG 50% RIGGED UP
	19:00 - 07:00	12.00	D	01		WAIT ON DAY LIGHT
10/30/2009	07:00 - 07:30	0.50	D	01		SAFETY MEETING W/ CRANE & RIG CREWS
	07:30 - 04:00	20.50	D	01		RAISE RACKING FLOOR CONT. INSTALLING PREFABS (80% COMPLETE) RUN AND HOOK UP AIR LINES, HYDRAULIC



## EL PASO PRODUCTION

Page 3 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Rig Number: 426  
 Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/30/2009	07:30 - 04:00	20.50	D	01		HOSES, WATER & STEAM LINES SET IN CAT WALK, GAS BUSTER & LINES CONT. WITH GENERAL RIG UP
	04:00 - 04:15	0.25	D	01		PRETOUR SAFETY MEETING
	04:15 - 07:00	2.75	D	01		INSTALL TOP DRIVE TORQUE TUBE
10/31/2009	06:00 - 06:15	0.25	D	18		SAFETY MEETING NIPPLING UP BOP'S
	06:15 - 12:15	6.00	D	15		WELD ON 133/8" X 135/8" 5K WEATHERFORD CASG. BOWL PRESS. TEST WELD TO 750 PSI OK INSTALL 135/8" 5K X 135/8" 5K B SECTION & 135/8" 5K X 135/8" 10K C SECTION
	12:15 - 18:30	6.25	D	15		NIPPLE UP 135/8" 10K BOP ( BPR, MUD CROSS, BLIND RAMS, TPR, DSA 135/8" 10K X 135/8" 5K & 5K ANNULAR PREVENTOR )
						INSTALL NEW 5" RUBBERS IN TOP & BTM. PIPE RAMS INSTALL BOP SCAFFOLDING
	18:30 - 18:45	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:45 - 19:45	1.00	D	15		CONT. PUTTING UP SCAFFOLDING
	19:45 - 06:00	10.25	D	15		INSTALL 135/8" ROTATING HEAD & EXT. SPOOL HOOK UP KILL LINE & CHOKE LINE VALVES & CHOKE LINE BACK TO CHOKE MANIFOLD STARTING TO PRESS. TEST MANIFOLD AT 0600 HRS.
11/1/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 09:00	2.75	D	01		RIG IN TOP DRIVE PRESSURE TESTED CHOKE MANIFOLD VALVES TO 5K HIGH 300 LOW WHILE RIGGING IN TOP DRIVE
	09:00 - 18:00	9.00	D	01		CONT. RIGGING IN TOP DRIVE ( RECEMENTED ANNULUS W/ 120 SX CLASS "G" CMT. W/ 2% CACL2 )
	18:00 - 18:15	0.25	D	18		PRE TOUR AND SAFETY MEETING. DISCUSSED WORK TO BE DONE WHILE TESTING BOPE. FLOW LINES GAS BUSTER, FLARE LINES AND 12" AIR DRILL OUTLET. DISCUSSED JSA FOR TESTING BOPE. ASSIGNED HANDS TO TASKS.
	18:15 - 20:00	1.75	D	01		RIG UP FLOOR TO TEST BOPE, INSTALL RAT AND MOUSE HOLE LINERS.
	20:00 - 07:00	11.00	D	01		TEST STACK (2 PIPE RAMS) TO 300 LOW AND 5K HIGH. TEST FLOOR VALVE, IBOP HCR, 2 VALVES ON KILL LINE TO 5K HIGH 300 LOW. PROBLEMS, PACKING NUTS, WKM VALVE STEM ON BRADENHEAD, AND SPOOL TO ROTATING HEAD. RIG UP LINES TO AND FROM GAS BUSTER, FLOWLINES AND FLARE LINES TO FLARE PIT AND 12" AIR OUTLET TO PIT. (DAY LIGHT SAVINGS TIME ENDED TODAY, THE EXTRA HOUR)
11/2/2009	06:00 - 06:15	0.25	D	18		HAND OVER AND PRETOUR SAFETY MEETING
	06:15 - 17:00	10.75	D	09		SET TEST PLUG IIN WELL HEAD PRESS. TEST UPPER AND LOWER PIPE RAMS, BOTH KILL & CHOKE LINE VALVES, CHOKE LINE, LOWER KELLY COCK, STABBING VALVE, INSIDE BOP, MUD LINE BACK TO MUD PUMPS & BLIND RAMS TEST PRESSURES 250 PSI LOW & 5000 PSI HIGH ANNULAR PREVENTOR TO 250 PSI LOW & 3500 PSI HIGH PRESS. TEST CASG. TO 1000 PSI FOR 20 MIN. HAD TO REPAIR NUMEROUS LEAKS REMOVED ROTATING HEAD AND ENLARGE BOLT HOLES ( BOLT HOLES ON FLANGE ON ROTATING HEAD EXT. NOT MACHINED PROPERLY )
	17:00 - 18:00	1.00	D	09		INSTALL WEAR BUSHING
	18:00 - 19:30	1.50	D	18		HOLD PRESUD MEETING ALL REQUIRED PERSONEL IN ATTENDANCE
	19:30 - 20:30	1.00	D	09		PU SINGLE AND PUP JOINT TO USE WHILE FUNCTION TEST ACCUMULATOR. 59 SECONDS FROM 0 BACK TO 1200 PSI. BLADDER PRESSURE WAS 1000 PSI.
	20:30 - 02:30	6.00	D	01		INSTALL STUDS IN TOP OF ANNULAR. INSTALL ROTATING HEAD AND SPOOL BACK UP ON TOP THE ANNULAR. TIGHTEN ALL



## EL PASO PRODUCTION

Page 4 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Rig Number: 426

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/2/2009	20:30 - 02:30	6.00	D	01		FLANGE BOLTS. FINISH WORKING ON TOP DRIVE. CIRCULATING PIT AND ADDING FLOCULANT, LIME
	02:30 - 05:00	2.50	D	04		SLIP AND CUT BAD DRILLING LINE. CUT TWICE BECAUSE THEY MISSED A BAD WICKER ON THE FIRST CUT.
	05:00 - 06:00	1.00	D	04		PU BHA.
11/3/2009	06:00 - 06:15	0.25	D	18		HAND OVER AND PRETOUR SAFETY MEETING
	06:15 - 17:00	10.75	D	04		MAKE UP 121/4" PDC BIT, 95/8" HUNTING MUD MOTOR (.10 RPG) & DIR. TLS. SHALLOW TEST MWD OK RIH TAG CMT. TOP 1601'
	17:00 - 18:00	1.00	D	13		DRILL CEMENT FROM 1601' TO 1631'
	18:00 - 18:15	0.25	D	18		PRETOUR HAND OVER AND SAFETY MEETING 90' CONNECTIONS.
	18:15 - 21:30	3.25	D	13		DRILL CEMENT FROM 1631 TO 1638'. TAGGED RUBBER PLUG ON FLOAT COLLAR. IT TOOK 3 HOURS TO DRILL UP THE PLUG.
	21:30 - 23:15	1.75	D	13		DRILL CEMENT FROM 1638' TO 1779'.
	23:15 - 23:30	0.25	D	03		DRILL FORMATION FROM 1779' TO 1789'. PREPARE TO FIT.
	23:30 - 00:00	0.50	D	08		CBU AND CLEAN UP HOLE FOR FIT.
11/4/2009	00:00 - 01:30	1.50	D	18		RU WEATHERFORD TEST PUMP. OPEN HCR. COULD NOT GAIN PRESSURE WITH WEATHERFORD. OPENED ANNULAR AND THE FLUID IS SLOWLY DROPPING IN THE ANNULUS. ABORT THE FIT. AIR SYSTEM DOWN. BLOWN BREAKER, WAITING ON ELECTRICIAN AND COMPRESSOR UNIT TO GET RIG BACK RUNNING.
	01:30 - 06:00	4.50	DT	60		
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 09:30	3.25	D	03		DRILL 121/4" HOLE F/ 1789' - 1940'
	09:30 - 09:45	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C/O 23 SEC'S
	09:45 - 11:00	1.25	DT	64		ATTEMPTING TO TAKE SURVEYS NO PULSES OR SIGNALS FROM EITHER EM TOOL OR PULSE TOOL
	11:00 - 13:00	2.00	DT	64		POH TAKE REQUIRED FLOW CK'S LAY DOWN 1 HWDP WITH VERTICAL CRACK 33" DOWN FROM TOP OF BOX
	13:00 - 14:30	1.50	DT	62		CHANGE OUT MWD TOOL & UBHO SUB BIT #1 IS IN NEW CONDITION
	14:30 - 17:45	3.25	DT	64		RIH TO 1901'
	17:45 - 18:00	0.25	D	05		SURVEY @1801' 0.3 DEG. 231.9 AZ
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING HOUSE KEEPING
11/5/2009	18:15 - 02:00	7.75	D	03		DRILL 1940' TO 2222 (282' IN 7.75 HRS FOR 36.4'/HR) WOB 13 TO 19K, 775 GPM, 50 ROTARY RPM, 1750 PSI
	02:00 - 05:15	3.25	D	03		DRILL 2222' TO 2350' (128' IN 3.25 HRS FOR 39.4'/HR) WOB 17 TO 19K, 775 GPM, 50 ROTARY RPM, 1775 PSI
	05:15 - 05:45	0.50	D	05		SURVEYS AND CONNECTION TIME
	05:45 - 06:00	0.25	D	06		SERVICE RIG BLOCKS, TOP DRIVE
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING MAKING 90' CONNECTIONS
	06:15 - 11:45	5.50	D	03		DRILL 121/4" HOLE F/ 2350' - 2498' 26.9' / HR.
	11:45 - 12:00	0.25	D	06		RIG SER. FUNCTION UPPER & LOWER PIPE RAMS C/O 7 SEC'S
	12:00 - 12:15	0.25	D	05		WORK ON SURVEY MONITOR
	12:15 - 17:00	4.75	D	03		DRILL F/ 2498' TO 2648' (150' IN 4.75 HRS FOR 31.6'/HR) CLOSED SYSTEM IN FOR 2 HRS. WELL TAKING 140 BBLS. / HR. LOSSES STARTED AROUND @2370'
11/5/2009	17:00 - 18:00	1.00	D	05		CONNECTION AND SURVEY TIME
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING SAFETY STAND DOWN WITH PD SAFETY AND SUPERINTENDENT



## EL PASO PRODUCTION Operations Summary Report

Page 5 of 20

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Spud Date: 9/20/2009  
 Start: 9/20/2009  
 End: 12/12/2009  
 Rig Release: 12/9/2009  
 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/5/2009	18:15 - 23:00	4.75	D	03		DRILL 2648' TO 2779'. (131' IN 4.75 HRS FOR 27.6'/HR) WOB 12 TO 26K, 775 GPM, 60 ROTARY RPM, 1825 PSI. STARTED HAVING RETURNS PROBLEMS AFTER A DRILLING BREAK AT 2700'. SWEEP CURED THAT TO 95% FLOW.
	23:00 - 23:30	0.50	DT	56		CONNECTION WAS TIGHT. BACK REAMED OUT 2 STANDS. THE HOLE WAS TIGHT ACROSS THE DRILLING BREAKS FROM 2700 TO 2740'. SECOND STAND OUT VERY LITTLE PROBLEM. NO LOST RETURNS BUT DELAY IN RETURNS WHEN MAKING CONNECTIONS. WASH BACK IN HOLE. PUMP A SWEEP. MAKE CONNECTION AND RETURN TO DRILLING. WE HAVE LOST 4" OF WATER IN THE PIT SINCE 18:00.
	23:30 - 05:15	5.75	D	03		DRILL 2779" TO 2900'. (121' IN 5.75 HRS FOR 21.16'/HR) WOB 26K, 775 GPM, 60 ROTARY RPM, 1800 PSI. THE RESERVE PIT IS DOWN 12" FROM 18:00.
	05:15 - 05:30	0.25	D	06		SERVICE RIG, BLOCKS AND TOP DRIVE, FUNCTION LPR 6 SECT/C 7 SECT/O
11/6/2009	05:30 - 06:00	0.50	D	05		CONNECTIONS AND SURVEY TIMES
	06:00 - 06:30	0.50	D	18		HAND OVER & PRETOUR SAFETY MEETING TRIPPING
	06:30 - 11:45	5.25	D	03		DRILL 121/4" HOLE F/ 2900' - 2990' 17.14' / HR. FORM. TAKING 150 - 200 BPH
	11:45 - 12:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	12:00 - 12:15	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C/ O 7 SEC'S
	12:15 - 12:45	0.50	D	15		HOLD SAFETY MEETING W/ AIR DRILLER / RIG CREW INSTALL ROTATING HEAD ELEMENT
	12:45 - 16:15	3.50	D	03		DRILL F/ 2990' - 3007' W/ 900 CFM AIR & 750 GPM WATER ECD 6.0 PPG
	16:15 - 17:15	1.00	D	08		SHUT AIR OFF & CIRC. BTMS. UP
	17:15 - 18:00	0.75	D	04		POH WITH BIT #1 to 1657'. FLOW CHECK
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:15 - 19:15	1.00	D	06		WORK ON TOP DRIVE GRABBER
	19:15 - 21:00	1.75	D	04		CONTINUE TO TRIP OUT OF HOLE 1657' TO BHA
	21:00 - 21:30	0.50	D	04		LD JARS, BREAK OUT TBR'S, LAY DOWN MWD.
	21:30 - 21:45	0.25	D	06		LUBRICATE RIG
	21:45 - 01:15	3.50	D	04		MAKE UP TRICONE BIT, INSTALL NEW MWD PROBE, PU ONE NEW TBR AND ONE OLD, PU JARS, PULSE TEST MWD, RUN BHA IN HOLE.
	01:15 - 02:45	1.50	D	04		CONTINUE TO RIH WITH DP. INSTALL ROTATING HEAD RUBBER AT 2682'.
02:45 - 03:00	0.25	D	18		SAFETY AND OPERATIONS MEETING ON AERATED MUD DRILLING. DISCUSSED HAZARDS AND OPERATION PROCEDURES.	
03:00 - 03:30	0.50	D	07		WASH AND REAM TO BOTTOM AS PRECAUTION BECAUSE BIT WAS UNDERGAGE AND WHILE AIR WORKING AROUND HOLE. GOOD RETURNS WITH AIR.	
03:30 - 06:00	2.50	D	03		DRIILL FROM 3007' TO 3030'. (27' IN 2.5 HRS FOR 10.8' /HR) 900 CFM AIR FOR ECD OF 5.91 PPG. 760 GPM, WOB 13 TO 23K, RPM 40, REDUCED AIR TO 650 CFM DUE TO TOO MUCH FOAM AND PUMPS HAMMERING. ECD 6.5PPG	
11/7/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 08:30	2.25	D	03		DRILL 121/4" HOLE F/ 3030' - 3083' (53' FOR 23.5'/HR) 900 CFM AIR 750 GPM WATER
	08:30 - 10:30	2.00	D	05		ACC. CONN. AND SURVEY TIME
	10:30 - 11:00	0.50	DT	65		WORK ON MUD PUMPS

Printed: 5/31/2011 2:26:57 PM

Jun. 21, 2011



## EL PASO PRODUCTION

Page 6 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/7/2009	11:00 - 11:45	0.75	DT	60		REPAIR ELECTRICAL PROBLEMS ( SCR ROOM )
	11:45 - 12:00	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	12:00 - 18:00	6.00	D	03		DRILL F/ 3083' - 3247'. (164' for 27.3'/hr) 850 CFM AIR 750 GPM WATER ECD 6.1 PPG
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING REVIEW 90' CONNECTIONS WITH NEW CREW MEMBER
	18:15 - 21:45	3.50	D	03		DRILL 3247' TO 3338'. (91' FOR 26'/HR) 900 CFM AIR 6.20 ECD 750 GPM WATER
	21:45 - 22:00	0.25	D	06		LUBRICATE RIG FUNCTION UPR 7 SEC C/O
	22:00 - 04:30	6.50	D	03		DRILL 3338' TO 3540'. (202' FOR 31.1'/HR) 900 CFM AIR 6.20 ECD 750 GPM WATER WOB 40K. PIT LEVEL STAYING NEARLY CONSTANT.
	04:30 - 06:00	1.50	D	05		CONNECTION AND TIME REQUIRED TO TRY TO GET SURVEYS MOSTLY BECAUSE NEITHER MWD WORKING VERY WITH AIREATED FLUID. ACHIEVED A SURVEY ON THE 4TH CONNECTION. 3434' 1.1 DEG 238.7 AZM. A SLIGHT BUILD TREND MAY BE STARTING.
11/8/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 07:15	1.00	D	03		DRILL 121/4" HOLE F/ 3540' - 3587' 900 CFM AIR 750 GPM WATER
	07:15 - 09:30	2.25	D	05		TOOK SURVEY AT 3527' 4.8* Az 247.8 TOOK FOLLOWING SURVEYS TO DETERMINE WHERE DEVIATION STARTED @3432' 1.1* Az 238.7 @ 3453' 1.4* Az 241.9 @ 3474' 1.6* Az 241.3 @ 3484' 4.4* Az 242.2 @ 3494' 4.5* Az 245.8
	09:30 - 13:00	3.50	DT	61		CIRC. HAD TO PUMP H2O AT 300 GPM & AIR AT 1000 CFM FOR 15 MIN. BEFORE CIRC. WAS REGAINED CONT. CIRC. BUILDING VOLUME IN RESERVE PIT WHILE WAITING ON ORDERS & LOCATING 9 5/8" MOTOR W/ ADJUSTABLE HOUSING
	13:00 - 17:00	4.00	DT	61		POH W/ DRLG. STRING LAY DOWN TBR'S & NON ADJUSTABLE MUD MOTOR
	17:00 - 17:15	0.25	D	06		LUBRICATE RIG, FUNCTION BLIND RAMS. 7 SEC
	17:15 - 18:00	0.75	DT	61		ATTEMPT TO BREAK HUNTING 9 5/8" MOTOR.
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING. (INCIDENT REVIEW)
	18:15 - 22:00	3.75	DT	61		HUNTING REP CAME TO LOCATION AND WE WERE UNABLE TO GET MOTOR TO BREAK. LAY DOWN MOTOR. WAIT ON TOTAL DIRECTIONAL 9 5/8" MOTOR TO ARRIVE. DRESS BITW/ 3-20/32 JETS, STRAP 3 - 7" DC'S TO BE PICKED UP.
	22:00 - 23:15	1.25	DT	61		MAKE UP 9 5/8" MOTOR W/ 12 1/4" BIT & 1.5 BEND, SCRIBE, INSTALL SURVEY TOOLS.
	23:15 - 23:30	0.25	DT	61		PULSE TEST MOTOR.
	23:30 - 23:45	0.25	DT	61		PICK UP 3 - 7" DC.
	23:45 - 01:45	2.00	DT	61		RIH TO 3400'.
01:45 - 02:00	0.25	DT	61		INSTALL R-BOP.	
02:00 - 02:15	0.25	DT	61		RIH.	
02:15 - 04:30	2.25	DT	61		ORIENTATE MOTOR, WASH & WORK PIPE TO STRAITEN HOLE, FROM 4.8 DEGREE TO 1.8 DEGREE.	
04:30 - 06:00	1.50	D	03		DRILL AHEAD FROM 3588' - 3610'	
11/9/2009	06:00 - 06:15	0.25	D	18		PRETOUR HANDOVER AND SAFETY MEETING ON
	06:15 - 16:00	9.75	D	03		DRILL 3610' TO 3963' (353' FOR 36.2'/HR) SURVEY 3 SINGLES UNTIL SURVEY IN NEW HOLE IS OBSERVED. 2.1 DEGREE MAX. ROTATE WITH AIR AND SURVEY EACH STAND. AIR VARIED FROM 850 CFM TO 950 CFM W/ 750 GPM. THIS HAS KEPT PIT IN A 4" LEVEL RANGE.



## EL PASO PRODUCTION Operations Summary Report

Page 7 of 20

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/9/2009	16:00 - 17:00	1.00	D	05		SURVEY AND CONNECTION TIME
	17:00 - 17:15	0.25	D	06		LUBRICATE RIG, FUNCTION ANNULAR 24 SEC.
	17:15 - 18:00	0.75	D	03		DRILL 3963' TO 4000'. SURVEY @ 3902' INC 2 AZM 250.
	18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING, REVIEW JSA # 3 USE OF TONGS.
	18:15 - 23:15	5.00	D	03		DRILL F/ 4000' TO 4153' 153' @ 30.6 FT/HR. SURVEY @ 4094' INC 2.4 AZM 250.6. 770 GPM W/ 900 SCFM, 6.53 ECD.
	23:15 - 23:30	0.25	D	18		RIG SERVICE FUNCTION LOWER PIPR RAMS 7 SEC.
	23:30 - 03:15	3.75	D	03		DRILL F/ 4153' TO 4244' 91 FT, 28 FT/HR. SURVEY @ 4183' INC 2.2 AZM 250.0.
	03:15 - 04:30	1.25	DT	60		PRESSURE GAUGE ON STAND PIPE STRIPPED OUT OF NIPPLE, WAIT FOR WELDER
	04:30 - 05:00	0.50	DT	60		POOH TO CSG. INSTALL SAFETY VALVE, CLOSE PIPE RAMS.
	05:00 - 06:00	1.00	DT	60		WELD NIPPLE IN STAND PIPE.
11/10/2009	06:00 - 06:15	0.25	D	18		PRETOUR HANDOVER AND SAFETY MEETING ON HIGH PRESSURE FITTINGS
	06:15 - 07:15	1.00	DT	60		WELD NIPPLE ON STANDPIPE AND REPLACE ANOTHER COLLAR WITH CORRODED THREADS.
	07:15 - 08:30	1.25	DT	60		TRIP IN HOLE 1721' TO 4244'.
	08:30 - 16:00	7.50	D	03		DRILL 4244' TO 4430'. (186' FOR 24.8'/HR) AIR RANGED FROM 900 CFM TO 750 CFM TO GET THE PIT TO DROP. 750 CFM = 6.74 PPG ECD. 775 GPM, 1970 PSI,
	16:00 - 16:15	0.25	D	06		LUBRICATE RIG FUNCTION LPR 8 SEC.
	16:15 - 16:45	0.50	DT	60		WORK ON TOP DRIVE
	16:45 - 18:00	1.25	D	03		DRILL 4430' TO 4460'. (30' FOR 24'/HR) AIR 750 CFM = 6.74 PPG ECD. 775 GPM, 2000 PSI, 50 RPM. 40K WOB.
	18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING ( HOUSE KEEPING)
	18:15 - 02:00	7.75	D	03		DRILL F 4460'-4625'. 165 FT, 21.29 FT/HR. PUMP 20 BBL SWEEP. AIR RANGING FROM 750 SCFM TO 950 SCFM. 770 GPM 950 SCFM 6.6 ECD. 1960 PSI. ROTATARY FROM 45 TO 59, TORQUE 4106 TO 9499. LEVEL OFF BACK TO ROTATARY 48/ TO 51, TORQUE 6526 TO 6871.
	02:00 - 02:15	0.25	D	06		RIG SERVICE FUNCTION UPPER PIPE RAMS 7 SEC.
02:15 - 05:30	3.25	D	03		DRILL 4625 TO 4676'. 51', 14.3'/HR AIR 850CFM 6.7 ECD TORQUE 6400, 775 GPM, 50 RPM, 40K WOB, 1970 PSI.	
11/11/2009	05:30 - 06:00	0.50	D	05		ACCUMULATED CONNECTION TIME & SURVEY
	06:00 - 06:15	0.25	D	18		PRETOUR HANDOVER AND SAFETY MEETING
	06:15 - 13:45	7.50	D	03		DRILL 4676' TO 4812'. 136', 18.1'/HR
	13:45 - 14:00	0.25	D	06		LUBRICATE RIG, FUNCTION LPR 8 SEC
	14:00 - 14:30	0.50	D	05		SURVEY AND CONNECTION TIME
	14:30 - 14:45	0.25	D	03		DRILL 4812' TO 4830', 18', 6450 TORQUE, 775 GPM, 39K WOB, 50 RPM 850 CFM 6.74 ECD
	14:45 - 15:15	0.50	D	08		CIRCULATE BOTTOMS UP WITHOUT AIR. MAINTAINED CIRCULATION ALL THE WAY.
	15:15 - 18:00	2.75	D	04		POOH 4830'. PULL ROTATING HEAD AND FLOW CHECK AT 4325'. POOH TO 400'. WORKING BHA.
	18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING
	18:15 - 18:30	0.25	D	04		CONTINUE TO POOH
	18:30 - 19:15	0.75	D	04		LAY OUT DIR TOOLS, CHANGE OUT BIT.
	19:15 - 19:30	0.25	D	06		RIG SERVICE. FUNCTION BLIND RAMS 8 SEC.
19:30 - 23:00	3.50	D	04		MAKE UP BIT & BHA, RIH.	
23:00 - 23:15	0.25	D	04		INSTALL R-BOP.	
23:15 - 01:00	1.75	D	04		WASH TO BOTTOM	

Printed: 5/31/2011 2:28:57 PM

Jun. 21, 2011



## EL PASO PRODUCTION

Page 8 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Rig Number: 426

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/11/2009	01:00 - 05:30	4.50	D	03		DRILL F/ 4829'- 4962' PUMP 20 BBL SWEEPS. 900 SCFM 770 GPM, 6.7 ECD.
	05:30 - 06:00	0.50	D	05		ACCUM, CONNECTION & SURVEY TIME
11/12/2009	06:00 - 06:15	0.25	D	18		PRETOUR HANDOVER AND SAFETY MEETING
	06:15 - 11:45	5.50	D	03		DRILL 4962' TO 5199'. 237', 43.1'/HR, 750 TO 900 CFM 6.9/ 6.7 ECD 775 GPM, 50 RPM 40K WOB
	11:45 - 12:15	0.50	D	05		DIRECTIONAL SURVEY AND CONNECTION TIME.
	12:15 - 12:30	0.25	D	06		LUBRICATE RIG, FUNCTION ANNULAR 24 SEC
	12:30 - 18:00	5.50	D	03		DRILL 5199' TO 5390', 191', 34.7'/HR, 750 GPM 950 CFM AT 6.7 ECD, 50 RPM, 40K WOB,
	18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING (HOUSE ETIQUETTE)
	18:15 - 19:30	1.25	D	03		DRILL F/ 5390'-5430' TD. PUMP 15 BBL SWEEP. 950 SCMF. 770 GPM. 6.7 ECD.
	19:30 - 20:15	0.75	D	08		CIRC BOTTOMS UP CATCH SAMPLE.
	20:15 - 21:15	1.00	D	05		TAKE SURVEY, 5366' 3.1 INC, 240.6 AZM.
	21:15 - 23:00	1.75	D	04		PULL R-BOP, WIPER TRIP TO SHOE
	23:00 - 23:45	0.75	D	06		RIG SERVICE, FUNCTION UPPER PIPE RAMS. 7 SEC.
	23:45 - 00:15	0.50	D	04		RIH
	00:15 - 00:30	0.25	D	04		INSTALL R-BOP.
	00:30 - 01:30	1.00	D	04		RIH, BREAK CIRC
	01:30 - 02:30	1.00	D	08		CIRC BOTTOMS.
	02:30 - 06:00	3.50	D	04		POOH, STRAP OUT. LAY OUT SUREY TOOLS. LAY DOWN 9 5/8 DC.
11/13/2009	06:00 - 06:15	0.25	D	18		PRETOUR HAND OVER AND SAFETY MEETING, LD BHA, PREPARE TO RUN CASING
	06:15 - 08:30	2.25	D	04		LD BHA, 9.5" DC'S, 8" MONELS, MWD, 9 5/8" MOTOR AND BIT.
	08:30 - 10:00	1.50	D	04		PULL WEAR BUSHING. DIFFICULTY GETTING HOLD OF IT AND KEEPING IT.
	10:00 - 11:30	1.50	D	12		RIG DOWN ELEVATORS BALES, CLEAN FLOOR, INSTALL BELL NIPPLE IN RBOP.
	11:30 - 11:45	0.25	D	12		SAFETY MEETING ON RIG UP OF TESCO RUNNING TOOL.
	11:45 - 12:45	1.00	D	12		RU CASING CREW EQUIPMENT.
	12:45 - 18:00	5.25	D	12		MAKE UP FLOAT SHOE, 1 JOINT OF 9 5/8" 40#, N-80, LTC CASING, FLOAT COLLAR, CONTINUED TO MAKE UP CASING TO 2750'. CENTRILIZERS ON EACH FIRST 3 JOINTS AND 1 EVERY THIRD JOINT.
	18:00 - 18:15	0.25	D	18		PRETOUR HANDOVER MEETING (RUNNING CSG)
	18:15 - 00:45	6.50	D	12		RUN A TOTAL OF 120 JTS W/ 1 LANDING JT 1 FLOOR SHOE & 1 FLOAT COLLAR OF 9 5/8" # 40, N80, LT&C CASING LANDED @ 5416.7 FT.
	00:45 - 04:00	3.25	D	12		RIG UP 350 TON ELAVATORS & BAILS. INSTALL HALLIBURTON PLUG LOADING HEAD, RIG OUT TESCO. RIG IN HALLIBURTON
	04:00 - 06:00	2.00	D	08		CIRC CONDITION HOLE,
11/14/2009	06:00 - 06:15	0.25	D	18		PRETOUR HAND OVER AND SAFETY MEETING WITH HALLIBURTON ON N2 CEMENT JOB
	06:15 - 07:30	1.25	D	14		CIRCULATE CASING WITH AIR AND WATER. 700 CFM AIR AT 6.7 ECD AND 350 GPM WATER. WELL CIRCULATING REAL WELL.
	07:30 - 11:00	3.50	D	15		CEMENT WITH HALLIBURTON, PRESSURE TEST CEMENT LINES TO 6000 AND N2 LINES TO 8000 PSI. PUMP 10 BBL FRESH WATER, 20 BBL SUPERFLUSH AT 10 PPG, 20 BBL FRESH WATER, 5 BBL WATER WITH N2, 1360 SACKS LEAD CEMENT WITH 2.37 YIELD WITH N2, 14.3 PPG, 1.24 YIELD, 9 GAL WATER, 37.6% FOAM QUALITY, PUMP 270 SKS TAIL 14.3 PPG, 1.24 YIELD, 5.38 GAL WATER. DISPLACE3 WITH 407 BBL PIUT WATER. BUMPED PLUG

Printed: 5/31/2011 2:26:57 PM

Jun. 21, 2011



## EL PASO PRODUCTION

Page 9 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Rig Number: 426

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
11/14/2009	07:30 - 11:00	3.50	D	15		AND FLOATS HELD. HELD. LOST RETURNS JUST BEFORE DROPPING PLUG. FINAL PRESSURE 450 PSI WITH 1085 ON PLUG FOR 10 MINUTES. DID NOT PUMP CAP CEMENT.	
	11:00 - 14:30	3.50	D	14		RIG DOWN CEMENTERS	
	14:30 - 18:00	3.50	D	14		LD LANDING JOINT AND SET SEAL AND TEST TO 5000PSI. RUN AND SET WEAR RING. TIGHTENED LOCK NUTS IN B AND C SECTION.	
	18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING. (PRESSURE TESTING)	
	18:15 - 20:30	2.25	D	15		WOC	
	20:30 - 21:30	1.00	D	09		PRESSURE TEST CSG TO 1500 PSI. FOR 30 MINS.	
	21:30 - 21:45	0.25	D	18		SAFETY MEETING (RUNNING WIRELINE)	
	21:45 - 23:30	1.75	D	11		RIG UP WIRELINE & RUN TEMPURE LOG.	
	23:30 - 04:00	4.50	D	04		MAKE UP BHA. PDC, TOQUE BUSTER, MOTOR, TBR,UBHO SUB, MONEL, GAP SUB, MONEL, TBR, JARS, DCS, HWDP,	
	04:00 - 06:00	2.00	D	04		RIH, PULSE TEST SURVEY, RIH..	
	11/15/2009	06:00 - 06:15	0.25	D	18		PRETOUR HANDOVER AND SAFETY MEETING ON BOP DRILL
		06:15 - 08:30	2.25	D	04		CONTINUE TO RIH 3700 TO 5359. TAGGGED UP.
		08:30 - 09:15	0.75	D	13		TAG UP AT 6359.7' DRILL RUBBER PLUG AND DRILL CEMENT TO SHOE AT 5416'
09:15 - 09:30		0.25	D	03		DRILL OUT OF SHOE 10'. 5416 TO 5426'.	
09:30 - 10:00		0.50	D	08		CIRCULATE BOTTOMS UP TO PREFORM FIT.	
10:00 - 11:30		1.50	D	09		HOOK UP WEATHERFORD TO C SECTION. OPEN CHOKE MANIFOLD, CLOSE IBOP AND ANNULAR. PRESSURE UP TO 100 PSI. CHECK FOR LEAKS, HOLD SAFETY MEETING AND JSA.	
						PREFORM FIT. FORMATION BUILT TO 760 PSI AND BROKE BACK. 0.57 PSI/FT GRADIENT WITH 8.4 PPG WATER IN HOLE.	
11:30 - 17:30		6.00	D	03		DRILL 8 3/4" HOLE FROM 5426' TO 5626'	
17:30 - 18:00		0.50	D	05		DIRECTIONAL SURVEY AND CONNECTION TIME.	
18:00 - 18:15		0.25	D	18		PRETOUR HANDOVER MEETING	
18:15 - 19:00		0.75	D	03		DRILL F/ 5626'-5635'	
19:00 - 20:15		1.25	DT	60		CIRC BOTTOMS. SECURE WELL. WELD LEAK IN TANK #4.	
20:15 - 20:30		0.25	D	03		BOP DRILL, WELL SECURE 91 SEC.	
20:30 - 21:45	1.25	D	03		DRILL F/ 5635'-5686'		
21:45 - 22:00	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SEC.		
22:00 - 04:30	6.50	D	03		DRILL F/ 5668'-5811'		
04:30 - 05:00	0.50	D	05		ACCUM CONNECTION, SURVEY TIME		
05:00 - 05:30	0.50	D	08		CIRC BOTTOMS UP		
05:30 - 06:00	0.50	D	04		POOH SURVEY TOOLS NOT WORKING		
11/16/2009	06:00 - 06:15	0.25	D	18		PRETOUR HAND OVER MEETING	
	06:15 - 06:30	0.25	D	04		POH F/ 5384' - 4723'	
	06:30 - 07:00	0.50	DT	05		ATTEMPT TO TAKE SURVEY NO SUCCESS	
	07:00 - 10:00	3.00	DT	04		CONT. POH TAKE REQUIRED FLOW CK'S CAL. FILL 64.96 BBLS. ACT. 118.23 BBLS. + 53.29 BBLS.	
	10:00 - 12:00	2.00	DT	04		CHANGE MWD TOOL BIT #5 9 CRACKED / BROKEN CUTTERS FUNCTION BLIND RAMS C / O 7 SEC'S	
	12:00 - 13:45	1.75	DT	04		RIH W/ BIT #6 WASH LAST STD. TO BTM. SHALLOW TEST MWD AT 200' OK	
	13:45 - 14:15	0.50	D	05		DEVIATION SURVEY @5742' 3.3* Az 221.3	
	14:15 - 16:00	1.75	D	03		DRILL 83/4" HOLE F/ 5811' - 5853'	
	16:00 - 16:15	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S	
	16:15 - 18:00	1.75	D	03		DRILL F/ 5853' - 5948'	
	18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING. (WEEKEND AWARENESS)	
	18:15 - 00:00	5.75	D	03		DRILL W/ 8.3/4" F/ 5948'-6229' 281FT 48.8 FT/HR. CHANGE OUT	

Printed: 5/31/2011 2:26:57 PM

Jun. 21, 2011



## EL PASO PRODUCTION

Page 10 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Rig Number: 426

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/16/2009	18:15 - 00:00	5.75	D	03		WEIGHT SENCER FOR PASON
	00:00 - 00:15	0.25	D	06		RIG SERVICE. FUNCTION LOWER PIPE RAMS 6 SEC.
	00:15 - 05:15	5.00	D	03		DRILL 8 3/4" PDC F/ 6229'-6380' 151 FT 30.2 FT/HR
	05:15 - 06:00	0.75	D	05		ACCUM CONNECTION & SURVEY TIME
11/17/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING MAKING 90' MOUSE HOLE CONNECTIONS
	06:15 - 15:00	8.75	D	03		DRILL 8 3/4" HOLE F/ 6380' - 6601' 25.25 FPH
	15:00 - 15:30	0.50	D	05		ACC. CONNECTION & SURVEY TIME
	15:30 - 15:45	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	15:45 - 18:00	2.25	D	03		DRILL F/ 6601' - 6639' PUMPING 10 BBL. HI VIS WELL BORE STRENGTHENING SWEEPS EVERY 180' ( 6 PPB CAL. CARB.& 2 PPB SEAL AX WAX )
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING.
	18:15 - 22:00	3.75	D	03		DRILL 8 3/4" HOLE F/ 6639'-6662'
	22:00 - 22:45	0.75	D	08		PUMP SWEEP, CIRC TO SURFACE.
11/18/2009	22:45 - 02:15	3.50	D	04		POOH. FC @ 6600', 6212', 3352', 831, SURFACE. HOLE FILL 71 BBLs CACL, MEAS 164 BBLs, DIFF 92.7 BBLs. HOLE IN GOOD SHAPE THIS TIME.
	02:15 - 05:00	2.75	D	04		LAY OUT DIRECTIONAL TOOLS & MOTOR
	05:00 - 06:00	1.00	D	04		MAKE UP NEW MOTOR & BIT.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 06:30	0.25	D	06		FUNCTION BLIND RAMS C / O 7 SEC'S CLEAN UP AND INSPECT BIT
	06:30 - 07:30	1.00	D	04		CHANGE MULE SHOE & MWD PROBE
	07:30 - 09:00	1.50	D	04		MAKE UP BHA PICKED UP 3 ADDITIONAL 7" DC'S ( TOTAL 18 ) SHALLOW TESTED MWD OK
	09:00 - 10:45	1.75	D	04		CONT. RIH WASH LAST STD. TO BTM. AS SOON AS CIRC. WAS OBTAINED DP PRESS. WENT F/ 2500 PSI UP TO 4100 PSI AND HAS REMAINED THRU OUT THE DAY TIED INTO 95/8" X 133/8" ANNULUS WITH WEATHERFORD PRESS. TEST UNIT ATTEMPT TO OBTAIN INJECTION RATE & PRESS. PUMPED FOR 30 MIN. AT 12.6 GPM ( 9 BBLs. ) WITH 0 PRESS. RIG OUT WEATHERFORD DRILL 8 3/4" HOLE F/ 6662' - 6795' TOOK 1 SURVEY AT 6626' THEN SURVEY TOOL QUIT WORKING
	10:45 - 16:45	6.00	D	03		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	16:45 - 17:00	0.25	D	06		DRILL F/ 6795' - 6839' 44 FT. 44 FT/HR.
	17:00 - 18:00	1.00	D	03		CREW CHANGE MEETING
	11/19/2009	18:00 - 18:15	0.25	D	18	
18:15 - 22:30		4.25	D	03		RIG SERVICE
22:30 - 22:45		0.25	D	06		DRILL 8 3/4" HOLE F/ 6975'-7198' 223 FT. 30 FT/HR
22:45 - 06:00		7.25	D	03		HAND OVER & PRETOUR SAFETY MEETING
06:00 - 06:15		0.25	D	18		DRILL 8 3/4" HOLE F/ 7198' - 7443' 36.29 FPH
06:15 - 13:00		6.75	D	03		CIRC. BTMS. UP PULL UP 1 SINGLE TO @7412"
13:00 - 13:30		0.50	D	08		RIG IN SINGLE SHOT WIRELINE HOLD SAFETY MEETING RIH W / MWD WIRELINE RETRIEVING TOOL LATCH ONTO MWD TOOL PULLED SURVEY TOOL UP TO 7164' ( JAR BTM. 7184' JAR TOP 7152' ) SURVEY TOOL STUCK IN MIDDLE OF DRLG. JARS ATTEMPT TO WORK & JAR MWD UPWARD WITH 2700# ON 12TH ATTEMPT SHEAR PIN BROKE, RELEASING OVER SHOT GRAPPLE PULL OUT OF HOLE WITH FISHING TOOL RIG OUT SINGLE SHOT WIRELINE ALL OF GRAPPLE ASSEMBLY CAME OUT OF HOLE
13:30 - 16:00		2.50	DT	05		POH WITH DRILL STRING
16:00 - 18:00		2.00	DT	04		

Printed: 5/31/2011 2:26:57 PM

Jun. 21, 2011



## EL PASO PRODUCTION

Page 11 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Rig Number: 426

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
11/19/2009	18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING	
	18:15 - 19:15	1.00	DT	04		CONTINUE POOH. FC/ 899'. FUNCTION BLIND RAMS 8 SEC. HOLE FILL CACL. 79.83 BBLS. MEAS 134.07 BBLS. DIFF + 54.24 BBLS.	
	19:15 - 23:15	4.00	DT	04		NO FLUID IN MOTOR. LAY OUT MOTOR & SURVEY TOOLS. SURVEY TOOL STUCK IN JARS. MAKE UP 8 3/4" PDC, NEW MOTOR WITH 1.5 BEND, SCRIBE SURVEY TOOLS, LEAVE OUT EM TOOL.	
	23:15 - 01:00	1.75	DT	04		RIH	
	01:00 - 01:15	0.25	D	04		PULSE TEST MWD	
	01:15 - 02:00	0.75	DT	04		RIH TO 5393'. PULSE TEST MWD	
	02:00 - 02:30	0.50	D	18		SAFETY MEETING (SLIP&CUT)	
	02:30 - 03:15	0.75	D	04		SLIP & CUT LINE	
	03:15 - 03:30	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 6 SEC.	
	03:30 - 04:45	1.25	DT	04		WASH TO BOTTOM.	
	04:45 - 06:00	1.25	DT	60		WORK ON TOP DRIVE MOTOR	
	11/20/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
		06:15 - 11:00	4.75	DT	60		WAIT ON TOP DRIVE MECHANIC ( SMITH POWER )
		11:00 - 13:15	2.25	DT	60		REPAIR TOP DRIVE ( MOTOR SHUT DOWN PROBLEMS )
13:15 - 17:30		4.25	D	03		DRILL 83/4" HOLE F/ 7443' - 7610' 39.29 FPH 12 BPH LOSSES BGG 37 UNITS	
17:30 - 17:45		0.25	DT	60		WORK ON #1 PUMP	
17:45 - 18:00		0.25	D	03		ACC. CONNECTION AND SURVEY TIME	
18:00 - 18:15		0.25	D	18		CREW CHANGE MEETING , SAFETY MEETING ON 90' MOUSE HOLE CONNECTIONS (JSA # 76)	
18:15 - 20:30		2.25	D	03		DRILL 8 3/4" HOLE F/ 7620'-7714' SLIDING FROM 7657'-7677'	
20:30 - 21:30		1.00	D	05		ACCUM SURVEY & CONNECTIONS	
21:30 - 21:45		0.25	D	06		RIG SERVICE FUNCTION UPPER PIPE RAMS 8 SEC.	
21:45 - 06:00	8.25	D	03		DRILL 8 3/4" HOLE F/ 7714'-8115' MUD UP @ 7830' SLIDING FROM 7806'-7826, 8005'-8025'		
11/21/2009	06:00 - 06:15	0.25	D	18		CREW CHANGE & PRETOUR SAFETY MEETING	
	06:15 - 13:00	6.75	D	03		DRILL 83/4" HOLE F/ 8115' - 8366' SLIDE F/ 8184' - 8200'	
	13:00 - 13:15	0.25	D	06		RIG SER. SER. BLOCKS & TOP DRIVE	
	13:15 - 17:45	4.50	D	03		DRILL F/ 8366' - 8665' 66.44 FPH SLIDE F/ 8464' - 8494' 5 - 8 BPH LOSSES	
	17:45 - 18:00	0.25	D	05		ACC. CONNECTION & SURVEY TIME	
	18:00 - 18:15	0.25	D	18		CREW CHANGE MEETING	
	18:15 - 19:00	0.75	D	03		DRILL F/8665'-8701'	
	19:00 - 21:15	2.25	DT	60		REPAIR TOP DRIVE	
	21:15 - 21:30	0.25	D	18		SAFETY MEETING ON OPERATING TUGGERS	
	21:30 - 02:00	4.50	D	03		DRILL F/ 8701'-8838' SLIDE FROM 8745'-8760', 8838'-8868'. SAND DUMPED 5 BBLS PER DUMP. BACK GROUND GAS 179 UNITS TO 1401 UNITS @ 8929'. DOWN HOLE LOSSES 22 BBLS/HR.	
	02:00 - 03:00	1.00	D	05		CONNECTION & SURVEY TIME	
	03:00 - 03:15	0.25	D	06		RIG SERVICE	
	03:15 - 06:00	2.75	D	03		DRILL F/ 8838'-8965' SLIDING 8931'-8971'	
	11/22/2009	06:00 - 06:15	0.25	D	18		HAND OVER & CREW CHANGE SAFETY MEETING NEAR MISSES
06:15 - 12:00		5.75	D	03		DRILL 83/4" HOLE F/ 8965' - 9307' SLIDE F/ 9124' - 9155' 5 - 8 BPH LOSSES	
12:00 - 12:15		0.25	D	06		RIG SER. SER. BLOCKS & TOP DRIVE FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S	
12:15 - 16:00		3.75	D	03		DRILL F/ 9307' - 9416' INTERMEDIATE CASG. PT. BGG 80 - 90 UNITS CONN. GAS 268 UNITS	
16:00 - 16:15		0.25	D	05		ACC. CONNECTION & SURVEY TIME	

Printed: 5/31/2011 2:26:57 PM

Jun. 21, 2011



## EL PASO PRODUCTION

Page 12 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Rig Number: 426

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
11/22/2009	16:15 - 16:30	0.25	D	18		BOP DRILL WELL SECURE IN 60 SEC'S	
	16:30 - 18:00	1.50	D	08		CIRC.COND. MUD RAISE VIS. TO 45 - 47 SEC'S / QT.	
	18:00 - 18:15	0.25	D	18		CREW CHANGE SAFETY MEETING	
	18:15 - 21:45	3.50	D	04		WIPER TRIP TO CSG SHOE. (PULL 44 STANDS TO 5427' ) F/C 9416, 5416,	
	21:45 - 23:00	1.25	D	08		CIRC, CONDITION HOLE	
	23:00 - 06:00	7.00	D	04		WIPER TRIP TO SHOE TIGH HOLE @ 8163',7744',7085', RIH REAM @ 7047' TIGHT WORK PIPE. REAM TO BOTTOM.	
11/23/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING	
	06:15 - 07:30	1.25	DT	56		WASH & REAM F/ 8300' - 9416' EASY REAMING	
	07:30 - 09:00	1.50	DT	56		CIRC. BTMS. UP 2X NOT MUCH COMMING OVER SHAKERS	
	09:00 - 12:00		3.00	DT	56		VIS. 49 WL 17 MUD WT. 9.1
							MAKE WIPER TRIP HOLE TIGHT FOR FIRST 11 STD'S DP HAD TO PUMP OUT & BACK REAM UP TO 8355' WASH AND REAM BACK TO BTM. 9416'
	12:00 - 13:15	1.25	DT	56		CIRC. BTMS. UP 2X RAISED VIS TO 54 AND ADD 20% SAWDUST TO MUD SYSTEM WELL STATIC	
	13:15 - 17:45	4.50	D	04		PULL 10 STD'S FLOW CK. PUMP TRIP PILL CONT. POH TAKE REQUIRED FLOW CK'S HAD SLIGHT SPOTS AT @9092', 8714' & 8027'	
	17:45 - 18:00	0.25	D	06		RIG SERVICE	
	18:00 - 18:15	0.25	D	18		CREW CHANGE MEETING.	
	18:15 - 20:45	2.50	D	04		LAY DOWN DIRECTIONAL TOOLS.	
	20:45 - 21:30	0.75	DT	08		PERFORM FEED RATE BETWEEN 13 3/8" & 9 5/8" CSG. 2 BBLS PER MIN @ 30PSI. PUMPED 240 BBLS.	
	21:30 - 21:45	0.25	D	18		SAFETY MEETING WITH LOGGERS.	
	21:45 - 22:30	0.75	D	11		RIG UP LOGGERS.	
	22:30 - 00:15	1.75	D	11		RIH WITH LOGGING TOOLS. TAG BRIDGES @ 7910',7960',8300',8565',8630',	
	00:15 - 00:45	0.50	DT	67		START LOGGING OUT OF HOLE @ 8809'. WORK BACK UP TO 8057'. STUCK IN HOLE. WORK WIRELINE TO A SAFETY TENSION OF 11600, NO MOVEMENT.	
00:45 - 03:00	2.25	DT	67		WORK WIRELINE, PULL IN TESION TO 11600, FOR 30 MINS, SLACK OFF FOR 30 MINS, CONTINUE THIS WHILE OFFICE MAKES DISCISION		
03:00 - 06:00	3.00	DT	67		WORK WIRELINE, PULL IN TESION TO 11600, FOR 30 MINS, SLACK OFF FOR 30 MINS, CONTINUE THIS WHILE WAITING FOR FISHING EQUIPMENT & MAN.		
11/24/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING	
	06:15 - 13:15	7.00	DT	58		CONT. WORKING STUCK LOGGING TOOL ( ACRT / DSN / SDL / GTET ) TOP OF TOOL AT @8057' WORK TOOL UPWARD TO 11600# FOR 30 MIN. THEN ATTEMPT TO WORK TOOL DOWNWARD FOR 30 MIN. NO MOVEMENT AT 1000 HRS. STARTED PULLING UP TO 12100# BY 1015 HRS. TOOL CAME FREE LOGGING INFO. INITIALY GOT DOWN TO 8809'	
	13:15 - 13:30		0.25	DT	67		LOGGED UP F/ 8809' - 7994' WORK TIGHT HOLE WORKED TOOL DOWN TO 8057' TOOL BECAME STUCK AFTER TOOL CAME FREE LOGGED UP F/ 7987' - SURFACE W/ GAMMA RAY RIG OUT HALLIBURTON LOGGING UNIT
							RIG SER. SER. TOP DRIVE & BLOCKS FUNCTION BLIND RAMS C / O 7 SEC'S
	13:30 - 15:30	2.00	DT	56		RIH W/ SMITH RR FDS+ BIT AND 2 TBR'S FILL DP AT 3500' UNABLE TO CIRC.	

Printed: 5/31/2011 2:26:57 PM

Jun. 21, 2011



## EL PASO PRODUCTION

Page 13 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Spud Date: 9/20/2009  
 Start: 9/20/2009  
 End: 12/12/2009  
 Rig Release: 12/9/2009  
 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/24/2009	15:30 - 18:00	2.50	DT	56		POH. BIT, BIT SUB & 6 FT OF DC PLUGGED WITH SAWDUST & LCM. CLEAN OUT.
	18:00 - 18:15	0.25	D	18		CREW CHANGE MEETING.
	18:15 - 22:15	4.00	D	04		MAKE UP BIT, BIT SUB. RIH FILL PIPE EVERY 2000 FT.
	22:15 - 22:30	0.25	D	18		SAFETY MEETING ON CEMENTING
	22:30 - 01:15	2.75	DT	14		TOP JOB, CEMENT BETWEEN 13 3/8" & 9 5/8" CSG. CEMENT W/ 458 SKS OF THIXOTROPIC # 12.5 (161BBL) W/ 2 LB/BBL OF CEMM. NET. ISP 45 PSI, 3 MIN 35 PSI. CLOSE VALVE.
	01:15 - 01:30	0.25	DT	56		RIG SERVICE, FUNCTION UPPER PIPE RAMS 7 SEC.
	01:30 - 06:00	4.50	DT	56		RIH, WASH & REAM 6973'. FROM 7975', 8036', 8043', 8052', 8093', 8128', 8411', 8429', 8555', 8753', 8807', 8888', 8891', TOOK 10,000 TO 20,000 CONTINUE REAMING TO BOTTOM
	06:00 - 06:15	0.25	DT	56		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 09:30	3.25	DT	56		CONT. WASHING & REAMING F/ 8891' - 9416' AT TIMES HAVING TO REAM & REREAM STD'S BEFORE MAKING A CONNECTION UNABLE TO REGAIN CIRC. AFTER MAKING CONNECTION AT 9400' HOLE PACKING OFF BACK REAMED UP 1 STD. TO 9304' BEFORE CIRC. WAS REGAINED REAMED & REREAMED F/ 9304' - 9401' NUMEROUS TIMES BEFORE HOLE CLEANED UP REAMED ON DOWN TO BTM. AT 9416'
	09:30 - 10:30	1.00	DT	56		CIRC. COND. HOLE VIS. 58 WT. 9.1 WL 15.6 YP 22
10:30 - 12:45	2.25	DT	56		POH SLIGHT TIGHT SPOT AT 9225', 9120' & 8769' HAD TO BACK REAM UP THRU BRIDGE AT 8769' REST OF TRIP UP TO CASG. SHOE WAS GOOD TAKE REQUIRED FLOW CK'S WELL STATIC	
12:45 - 13:00	0.25	DT	56		RIG SER. SER. BLOCKS & TOP DRIVE FUNCTION UPPER PIPE RAMS C / O 7 SEC'S	
13:00 - 14:00	1.00	DT	56		RIH F/ CASG. SHOE TO 8739' STRING STARTED TAKING WT.	
14:00 - 16:45	2.75	DT	56		WASH & REAM F/ 8739' - 9416' SMALL AMOUNT OF 3" LONG SLIVERS OF SHALE COMMING OUT OF HOLE	
16:45 - 18:00	1.25	DT	56		CIRC. COND. MUD & HOLE	
18:00 - 18:15	0.25	DT	56		CREW CHANGE MEETING. SAFETY MEETING ON TRIPPING IN& OUT JSA # 1&2	
18:15 - 19:00	0.75	DT	56		CIRC CONDITION MUD	
19:00 - 21:45	2.75	DT	56		WIPER TRIP 10 STANDS. RIH REAM @ 9116', 9239'. 6 FT FILL.	
21:45 - 01:30	3.75	DT	56		CIRC & CONDITION MUD. VIS 59, WT 9.0 RAISE WT TO 9.3	
01:30 - 03:30	2.00	DT	56		WIPER TRIP 10 STANDS.	
03:30 - 04:15	0.75	DT	56		CIRC CONDITION MUD	
04:15 - 04:30	0.25	DT	56		RIG SERVICE FUNCTION LOWER PIPE RAMS 7 SEC.	
04:30 - 06:00	1.50	D	04		PULL 10 STANDS, START LAYING DOWN PIPE.	
11/26/2009	06:00 - 06:15	0.25	D	18		HANDOVER & PRETOUR SAFETY MEETING
	06:15 - 08:45	2.50	D	04		CONT. POH LAYING DOWN DRILL STRING
	08:45 - 09:45	1.00	DT	60		REPAIR CATWALK SKATE
	09:45 - 16:45	7.00	D	04		CONT. LAYING DOWN DRILL STRING
	16:45 - 17:45	1.00	D	04		PULL WEAR BUSHING
	17:45 - 18:00	0.25	D	06		RIG SER. SER. TOP DRIVE & TRAVELLING BLOCKS FUNCTION BLIND RAMS C / O 7 SEC'S
	18:00 - 18:15	0.25	D	18		HANDOVER & PRETOUR SAFETY MEETING RIGGING UP CASING TOOLS
	18:15 - 20:30	2.25	D	12		RIG UP TESCO RUNNING TOOLS. HAD DIFFICULTY WITH THE TRANSFORMER FOR AWHILE.
	20:30 - 20:45	0.25	D	12		SAFETY MEETING ON RUNNING 7" CASING.
	20:45 - 03:45	7.00	D	12		RUN 7" 29# P110 LTC CASING. FLOAT SHOE, 1 JT, FLOAT COLLAR,

Printed: 5/31/2011 2:26:57 PM

Jun. 21, 2011



## EL PASO PRODUCTION

Page 14 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Rig Number: 426

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/26/2009	20:45 - 03:45	7.00	D	12		(THREAD LOCKED) CENTRILIZERS ON FIRST 2 JOINTS WITH STOP RINGS AND ON THE 3RD COLLAR. CENTRILIZER EVERY 3RD COLLAR UP INTO CASING. 35 CENTRILIZERS. RAN AND FILLED CASING ON THE RUN TO 5290'. HAD FLOW ON ALL JOINTS.
	03:45 - 04:15	0.50	D	08		BREAK CIRCULATION WITH 66 SPM. FINAL CIRCULATING PRESSURE IS 235 PSI. 23 BBL GAIN. IN PITS FROM METAL DISPLACEMENT. NO LOSSES. HOOKLOAD 176K.
	04:15 - 06:00	1.75	D	12		CONTINUE TO RUN 7" CASING INTO OPEN HOLE. BREAK CIRCULATION AT 6302'. ALMOST IMMEDIATE RETURNS. 235 PSI. CONTINUE IN HOLE. AT 6900' AT 6 AM.
11/27/2009	06:00 - 06:15	0.25	D	12		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 11:15	5.00	D	12		CONT. RUNNING 7" CASG. TO 8565' WASHED LAST 10 JTS. TO BTM. GOOD RETURNS THRU OUT RUNNING & WASHING CASG. TO BTM.
	11:15 - 14:00	2.75	D	08		CIRC. CASG. BTMS. UP 2X LAY DOWN 2 JTS. CASG. USED TO TAG BTM. WITH MAKE UP LANDING JT. CONT. CIRCULATING WHILE RIGGING OUT TESCO CASG. RUNNING EQUIP. RAN 241 JTS. 7" P-110 29# LT&C CASG. LENGTH W/ FLOAT EQUIP. & LANDING JT. @9412.19'
	14:00 - 15:45	1.75	D	12		CONT. CIRCULATING WHILE ALIGNING TORQUE TUBE AND BOP STACK
	15:45 - 16:00	0.25	D	14		RIG IN SCHLUMBERGER HOLD SAFETY MEETING
	16:00 - 18:00	2.00	D	14		MIX AND PUMP CEMENT JOB: PUMP 20 BBL 10.5 PPG MUDPUSHII, MIX AND PUMP 198 BBL 11 PPG LEAD SLURRY, 285 SKA, 3.95 YIELD, 25.5 GAL MIX WATER. MIX AND PUMP 74 BBL 12.5 PPG TAIL, 185 SKS, 2.3 YIELD, 12.5 GAL MIX WATER., DROPPED PLUG AT 17: 30, DISPLACE WITH 9.3 PPG MUD. HOLE GOT TIGHT JUST AFTER DROPPING PLUG AND RETURNS REDUCED TO ABOUT HALF FOR 15 MINUTES. HOLE CLEANED ON FOR RECEPICATION AND CONTINUED TO DISPLACE. MAY HAVE LOST ABOUT 50 BBL.
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:15 - 18:45	0.50	D	14		STOPPED RECEPICATION AT 1834 AND STOPPED DISPLACING AT 1842 WITH 1100 PSI. DID NOT PUMP PLUG AND PUMPED 1 BBL OVER THE 347 CALCULATED. 950 PSI BEFORE CHECKING FLOATS, OK.
	18:45 - 20:00	1.25	D	15		FLUSH STACK OUT WITH FRESH WATER ENTERING AT THE B SECTION VALVE, RD SCHLUMBERGER.
	20:00 - 21:15	1.25	D	10		LAY DOWN LANDING JOINT. PU 1 JT DP AND PUP, RUNNING TOOL AND PACKOFF. RIH AND SEAT IN WELLHEAD. TIGHTEN LOCK DOWN SCREWS AND TEST TO 5000 PSI. CLEANING PITS # 1 AND 4.
	21:15 - 21:30	0.25	D	18		SAFETY MEETING ON CHANGING PIPE RAMS
	21:30 - 23:45	2.25	D	09		RU TOP DRIVE GUIDE, BAILS AND SAVER SUB, CLEAR FLOOR, CHANGE PIPE RAMS FROM 5" TO 3 1/2".
	23:45 - 00:00	0.25	D	06		LUBRICATE RIG FUNCTION UPR AND LPR 8 SEC.
	00:00 - 03:30	3.50	D	09		RUN TEST PLUG. FINISH TEST MANIFOLD SHACK. 300 LOW AND 10K HIGH ON ALL VALVES. PUTTING BHA ON PIPE RACKS AND 3 1/2" DP ON OTHER SIDE.
	03:30 - 03:45	0.25	D	18		SAFETY MEETING FOR PRESSURE TESTING STACK AND SURFACE EQUIPMENT.
03:45 - 06:00	2.25	D	09		TEST BOPE: TEST 2 PIPE RAMS TO 250/10K, ANNULAR TO 250/5K.	
11/28/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING

Printed: 5/31/2011 2:26:57 PM

Jun. 21, 2011



## EL PASO PRODUCTION

Page 15 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
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 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Rig Number: 426

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/28/2009	06:15 - 11:00	4.75	D	09		PRESS. TEST BLIND RAMS 250 PSI LOW & 10K HIGH CASG. TO 2500 PSI 30 MIN. PRESS. TEST STABBING VALVE , INSIDE BOP, STD. PIPE & MUD MANIFOLD VALVES 250 PSI LOW 5K HIGH ALL TESTS 10 MIN. DURATION DO 5 FUNCTION TEST WITH ACC. SHUT OFF FINAL ACC. PRESS. 1450 PSI RECHARGE TO 3000 PSI IN 2 MIN.50 SEC'S
	11:00 - 14:30	3.50	D	04		MAKE UP ULTERRA 61/8" MT1355CDS BIT, 43/4" WENZEL MUD MOTOR (1.5") DIRECTIONAL TLS. & BHA SHALLOW TEST MWD NOT WORKING PULL & SER. MWD RERUN BHA SHALLOW TEST MWD OK
	14:30 - 17:00	2.50	D	04		CONT. PICKING UP 43/4" DC'S, 6 JTS. 31/2" HWDP & 31/2" DP TO 2143'
	17:00 - 17:15	0.25	D	06		RIG SER. PULSE TEST MWD OK
	17:15 - 18:00	0.75	D	04		CONT. TRIP IN HOLE F/ 2143' - 2650'
	18:00 - 18:15	0.25	D	18		PRETOUR HAND OVER AND SAFETY MEETING. REVIEW PRECISION SAFETY ALERTS
	18:15 - 21:15	3.00	D	04		CONTINUE TO PU DP AND RIH 2650 TO 7528'. FILL PIPE AND PULSE TEST AT 4055 AND 6217 AND 7528'.
	21:15 - 21:45	0.50	D	18		SLIP AND CUT DRILLING LINE WHILE CIRCULATING HOLE. GOOD PULSES.
	21:45 - 22:30	0.75	D	04		CONTINUE TO PU DP AND RIH 7528' TO 8652'. TAGGED UP.
	22:30 - 22:45	0.25	D	18		BOP DRILL WHILE TRIPPING SECURED IN 46 SEC.
	22:45 - 02:15	3.50	D	13		MAKE UP STANDS AND WASH IN HOLE. RUBBER FROM PLUG CAME UP WITH BOTTOMS UP. DRILLED CEMENT WITH 200 GPM, 30 RPM, WOB 2 TO 7K. DRILLED CEMENT FROM 8652' TO 9406'. (764' IN 3.5 HRS 218'/HR) DRILLED 10' OUT OF CASING. BOTH THE FLOAT COLLAR AND FLOAT SHOE WERE SEEN ON THE DRILLING RATE AT 9360' AND 9406'.
	02:15 - 03:15	1.00	D	08		CBU AND CONDITION MUD. SAFETY MEETING ON FIT. REVIEW WEATHERFORD HAZARD ANALYSIS.
	03:15 - 04:00	0.75	D	09		FIT: 9.1 PPG MW, 1900 PSI SURFACE PRESSURE. CASING AT 9406'. 13 PPG EQ. OR 0.67 PSI/FT
	04:00 - 04:15	0.25	D	06		LUBRICATE RIG FUNCTION HCR 3 SEC UPR 7 SEC
04:15 - 06:00	1.75	D			DRILL 9416 TO 9450', (34' for 19.4'/hr) WOB 14K, GPM 200, RPM 32, PUMP PSI 1980.	
11/29/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 09:45	3.50	D	03		DRILL 61/8" HOLE F/ 9450' - 9532' 23.42' / HR.
	09:45 - 10:00	0.25	D	09		BOP DRILL WELL SECURE IN 1 MIN. 15 SEC
	10:00 - 14:00	4.00	D	03		DRILL F/ 9532' - 9630' 24.5' / HR.
	14:00 - 14:15	0.25	D	06		RIG SER. SER. TOP DRIVE & BLOCKS
	14:15 - 17:30	3.25	D	03		DRILL F/ 9630' - 9685' 16.92' / HR.
	17:30 - 17:45	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	17:45 - 18:00	0.25	DT	60		REPAIR VALVE ON STAND PIPE
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:15 - 23:45	5.50	D	03		DRILL 6 1/8" HOLE 9685' TO 9819'. 134' FOR 24.36'/HR.
23:45 - 00:00	0.25	D	06		LUBRICATE RIG FUNCTION LPR 7 SEC.	
00:00 - 01:00	1.00	D	05		DIRECTIONAL SURVEY AND ACCUMULATED CONNECTION TIME.	
01:00 - 06:00	5.00	D	03		DRILL 6 1/8" HOLE 9819' TO 9940'. 121' FOR 24.2'/HR	
11/30/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 08:15	2.00	D	03		DRILL 61/8" HOLE F/ 9940' - 9987' HAD A 3' DRLG. BRK. AT 9954' AND ANOTHER 3' BRK. AT 9969' BTMS. UP FROM THESE DRLG. BRKS. GAS WENT FROM A BGG OF 75 UNITS TO 4958 UNITS
	08:15 - 08:45	0.50	D	10		INSTALL ROTATING HEAD ELEMENT

Printed: 5/31/2011 2:26:57 PM



## EL PASO PRODUCTION

Page 16 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Rig Number: 426

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/30/2009	08:45 - 15:15	6.50	D	03		DRILL F/ 9987' - 10105' DRILLED AHEAD W/ GAS INCREASING TO 7000 U MUD WT. 9.2 PPG PERIODICALLY HAD 20' FLARE RAISING MUD DENSITY BY 10090' HAD MUD WT. UP TO 9.6 PPG W/ A BGG OF 1500 U
	15:15 - 15:30	0.25	D	06		RIG SER. SER. TOP DRIVE & BLOCKS
	15:30 - 16:00	0.50	DT	60		WORK ON TOP DRIVE
	16:00 - 17:45	1.75	D	03		DRILL F/ 10105' - 10142' 21.14' / HR. MUD WT. 9.6 PPG BGG 1050 U
	17:45 - 18:00	0.25	D	05		ACC. CONNECTION & SURVEY TIME
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:15 - 20:15	2.00	D	03		DRILL F/ 10142' to 10,199' 28.5' / HR. MUD WT. 9.6 PPG BGG 250 U
	20:15 - 20:30	0.25	D	06		LUBRICATE RIG FUNCTION UPR 7 SEC.
	20:30 - 21:30	1.00	D	05		ACCUMULATED CONNECTION & SURVEY TIME
	21:30 - 06:00	8.50	D	03		DRILL F/ 10,199' - 10420' 20.0' / HR. MUD WT. 9.6 PPG BGG 500 U PEAKS 4208 AT 10402' AND 4550 AT 10313'.
12/1/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 13:45	7.50	D	03		DRILL 61/8" HOLE F/ 10420' - 10583' 21.73' / HR. BGG 343 U GAS SHOW OF 2875 U FROM 10515'
	13:45 - 14:00	0.25	D	06		RIG SER. SER. TOP DRIVE & BLOCKS FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S
	14:00 - 17:45	3.75	D	03		DRILL F/ 10583' - 10675' 24.53' / HR. BGG 197 U NO SIGNIFICANT GAS SHOWS SINCE 10515'
	17:45 - 18:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:15 - 02:00	7.75	D	03		DRILL 61/8" HOLE F/ 10583' - 10867' 36.64' / HR. LOST PARTIAL RETURNS AT 10785', SLOWED PUMPS AND PUMPED 2 LCM PILLS. HAD FULL RETURNS BY 10813'. WENT THROUGH GAS BUSTER AT CONNECTION GAS BECAUSE IT CONTAINED OIL THAT BLINDED SCREENS. BG 300 U. CONNECTION GAS 5770 U WITH DOUBLE PEAK. SURVEYS AT BOTH CONNECTIONS WERE MISRUNS, NO SIGNAL. NO WHILE DRILLING SHOWS.
	02:00 - 02:15	0.25	D	06		LUBRICATE RIG, FUNCTION ANNULAR, 24 SEC
02:15 - 03:15	1.00	D	05		ACCUMULATED SURVEY AND CONNECTION TIME.	
03:15 - 06:00	2.75	D	03		DRILL 61/8" HOLE F/ 10867' - 10955' 32.0' / HR. BGG 150 TO 350 U CONNECTION GAS OF 2895 U THROUGH GAS BUSTER. OIL ON SHAKERS AT BOTTOMS UP. SURVEY MISRUN. MOTOR STALLING MORE FREQUENTLY. SHOW OF 1671 U FROM 10925'.	
12/2/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 15:45	9.50	D	03		DRILL 61/8" HOLE F/ 10955' - 11151' 20.63' / HR. BGG 1875 U SLOWLY RAISING MUD DENSITY TO 10.1 PPG BGG NOT WANTING TO COME DOWN STAYING AROUND 1900 U
	15:45 - 16:00	0.25	D	06		RIG SER. SER. TOP DRIVE & BLOCKS FUNCTION UPPER PIPE RAMS C / O 7 SEC'S
	16:00 - 16:15	0.25	DT	64		ATTEMPT TO REGAIN COMMUNICATION WITH MWD TOOL NO SUCCESS
	16:15 - 18:00	1.75	D	03		DRILL F/ 11151' - 11190' 23.42' / HR BGG 1822 U. MW 10.1 IN 10.0 OUT.
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING WELL CONTROL, WATCH AT CONNECTIONS FOR FLOW, WELL IS TAKING SOME SEPAGE SO PIT GAIN IS NOT ACCURATE.
	18:15 - 00:00	5.75	D	03		DRILL F/ 11190' - 11341' 26.26' / HR BGG 1822 U. MW 10.1 IN 10.0 OUT. FLOW CHECK AT CONNECTION AT 11246', BGG 3166 (SHOW)

Printed: 5/31/2011 2:26:57 PM

Jun. 21, 2011



## EL PASO PRODUCTION

Page 17 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Rig Number: 426

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/2/2009	18:15 - 00:00	5.75	D	03		FINAL BGG 2729. 10.6 MW AROUND.
	00:00 - 00:15	0.25	D	06		LUBRICATE RIG, FUNCTION UPR 7 SEC
	00:15 - 01:00	0.75	D	05		ACCUMULATED SURVEY ATTEMPTS AND CONNECTION TIME
	01:00 - 06:00	5.00	D	03		DRILL 6 1/8" HOLE 11341' - 11420'. 15.8'/HR BGG INCREASED TO 3333 U AT 11366' AND 10.7 PPG FINAL 2000 U WITH 11.5 IN 11.4 OUT THROUGH BUSTER.
12/3/2009	06:00 - 06:15	0.25	D	18		HAND OVER AND PRETOUR SAFETY MEETING
	06:15 - 06:30	0.25	D	03		DRILL 61/8" HOLE F/ 11420' - 11425' MUD WT. 11.5 PPG BGG 1541 U
	06:30 - 07:00	0.50	D	08		CIRC. BTMS. UP BY PASSING SHALE SHAKERS
	07:00 - 08:45	1.75	D	04		MAKE 10 STD. WIPER TRIP FLOW CK. WELL STATIC
	08:45 - 10:00	1.25	D	08		CIRC. COND. MUD & HOLE HAD 5291 U GAS ON BTMS. UP BGG STAYING AROUND 1500 U
	10:00 - 15:30	5.50	D	04		POH W/ BIT #10 TAKE REQUIRED FLOW CK'S WELL STATIC
	15:30 - 17:45	2.25	D	04		PULL MWD (POPIT BENT) LAY DOWN MUD MOTOR CHANGE OUT UBO SUB PICK UP NEW MOTOR SET AT 1.5° ORIENT MWD.
	17:45 - 18:00	0.25	D	06		RIG SERVICE, LUBRICATE BLOCKS AND TOP DRIVE, FUNCTION BLIND RAMS, 6 SEC TO CLOSE. PULSE TEST MWD, RIH.
	18:00 - 18:15	0.25	D	18		HAND OVER AND PRETOUR SAFETY MEETING
	18:15 - 22:15	4.00	D	04		CONTINUE IN HOLE, 940' TO 9334'. FILL PIPE AT CHECK MWD FOR PULSES AT 388', 3500', 6500', 9334'.
	22:15 - 22:45	0.50	D	18		HANG BLOCKS, SLIP AND CUT WHILE CIRCULATING.
	22:45 - 23:00	0.25	DT	60		WORK ON TOP DRIVE. REPLACE 2 HYDRAULIC HOSES.
	23:00 - 00:15	1.25	D	04		CONTINUE TO RIH, 9334' TO 11247'. WASH LAST 2 STANDS DOWN PRECAUTIONARY.
	00:15 - 04:30	4.25	D	03		DRILL 6 1/8" HOLE FROM 11425' - 11532'. 15.18 '/HR. BOTTOMS UP THROUGH BUSTER 4186 U WITH INTERMITTANT FLARE UP TO 20' MW 11.5 PPG. LOST RETURNS AT 11460'. DROPPED FLOW RATE TO 200 GPM WHILE MIXING LCM SWEEP. PUMPED SWEEP, RECOVERED FLOW RETURNED TO 250 GPM AND 3250 PSI.
04:30 - 04:45	0.25	D	06		LUBRICATE RIG FUNCTION ANNULAR 24 SEC.	
04:45 - 05:15	0.50	D	05		DEVIATION SURVEY ATTEMPT AND CONNECTION TIME.	
05:15 - 06:00	0.75	D	03		DRILL 6 1/8" HOLE 11532' - 11570'. 30.4 '/HR. BGG 1583 U, CONNECTION GAS 2482 U. MW IN AND OUT 11.5 AND 44 VIS, 6% LCM.	
12/4/2009	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 12:30	6.25	D	03		DRILL 61/8" HOLE F/ 11570' - 11720' 24' / HR. BGG 600 - 800 U GAS SHOW OF 2187U COMMING F/ 11692'
	12:30 - 12:45	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S
	12:45 - 13:00	0.25	D	05		ATTEMPT TO TAKE SURVEY NO SUCCESS
	13:00 - 17:45	4.75	D	03		DRILL F/ 11720' - 11816' 20.21' / HR. BGG 1150 U NO GAS SHOWS SINCE 11692'
	17:45 - 18:00	0.25	D	09		BOP DRILL WELL SECURE IN 90 SEC'S
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:15 - 05:30	11.25	D	03		DRILL 6 1/8" HOLE 11692' - 12008'. (316') 28.08 '/HR 2916 U FROM 11850', SEVERAL PEAKS 2000+U FROM SMALL BREAKS AT 11890'. BGG 2104 U.
05:30 - 05:45	0.25	D	18		BOP DRILL WELL SECURED IN 1 MIN 40 SEC.	
05:45 - 06:00	0.25	D	06		LUBRICATE RIG. SERVICE BLOCKS AND TOP DRIVE, FUNCTION ANNULAR 22 SEC CLOSE.	
12/5/2009	06:00 - 06:15	0.25	D	18		PRETOUR HAND OVER AND SAFETY MEETING.(PERSONAL HYGENE)
	06:15 - 16:00	9.75	D	03		DRILL 6 1/8" HOLE 12008' - 12198' BGG 932 U CONNECTION 2812 U

Printed: 5/31/2011 2:26:57 PM

Jun. 21, 2011



## EL PASO PRODUCTION

Page 18 of 20

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 Event Name: DRILLING  
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 Rig Name: PRECISION

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 Rig Number: 426

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/5/2009	06:15 - 16:00	9.75	D	03		MAX CONN 3750. SURVEY TOOL STARTED WORKING. MW 11.5 PPG. THROUGH BUSTER.
	16:00 - 16:15	0.25	D	06		LUBRICATE RIG
	16:15 - 17:30	1.25	D	03		DRILL 6 1/8" HOLE 12198' - 12222' 19.2'/HR NO GAS SHOWS BGG 1015 U.
	17:30 - 18:00	0.50	D	05		ACCUMULATED SURVEY AND CONNECTION TIME.
	18:00 - 18:15	0.25	D	18		PRETOUR HAND OVER AND SAFETY MEETING. WEEKEND AWARENESS
	18:15 - 01:00	6.75	D	03		DRILL 6 1/8" HOLE 12222 - 12299'. 11.41'/HR. NO SHOWS BGG 1359 U. HIT A DRILLING BREAK, DP PRESSURED UP LIKE A PACKOFF, STARTED TO LOOSE FLUID. PU OFF BOTTOM.
	01:00 - 02:30	1.50	DT	67		PUMP OUT 2 STANDS TO ESTABLISH PROBLEM. NO DRAG ONCE OFF BOTTOM. ALL PRESSURE IS INSIDE DP. 3000PSI AT 41 SPM. DROP SAPP AND SOAP STICKS AS WASH TO BOTTOM.
	02:30 - 05:45	3.25	D	03		DRILL 6 1/8" HOLE 12299 - 12340' 12.61 '/HR. DRILL AHEAD WITH 10 K WHILE WAITING TO UNPLUG THE RESTRICTION IN THE DP. 185 GPM AT 3000 PSI. WITH THE USE OF SOAP AND SAPP STICKS THE RESTRICTION ALLOWED 200 GPM AT 3000 TO 3200 PSI. BGG 1130 U CONN MAX 3020 U
05:45 - 06:00	0.25	D	06		LUBRICATE RIG SERVICE BLOCKS AND TOP DRIVE, FUNCTION PASON CHOKE.	
12/6/2009	06:00 - 06:15	0.25	D	18		PRETOUR CHANGEOUT AND SAFETY MEETING (WEEKEND AWARENESS/WINTER OPERATIONS)
	06:15 - 09:00	2.75	D	03		DRILL 6 1/8" HOLE 12340' - 12387'. 17.1 '/HR NO SHOWS.
	09:00 - 09:15	0.25	D	06		LUBRICATE RIG CLOSE LPR 6 SEC
	09:15 - 17:30	8.25	D	03		DRILL 6 1/8" HOLE 12387' - 12555'. 20.36 '/HR. NO SHOWS BGG 1450 U.CONNECTION GAS 2250'.
	17:30 - 18:00	0.50	D	05		SURVEY AND CONNECTION TIME
	18:00 - 18:15	0.25	D	18		CREW CHANGE
	18:15 - 01:15	7.00	D	03		DRILL 6 1/8" HOLE 12555'-12672'. 117 FT. 16.7 FT/HR NO SHOWS BGG 1442 U. CONNECTION GAS 2208 UNITS
	01:15 - 01:30	0.25	D	06		RIG SERVICE BLOCKS TOP DRIVE, FUNCTION ANN 21 VSEC.
01:30 - 05:45	4.25	D	03		DRILL 6 1/8" HOLE 12672'-12733' 61 FT 14.35 FT/HR NO SHOW. BGG 890 UNITS CONNECTION GAS 1687 UNITS MW 11.7 VIS 45. DUMP SAND TRAP.	
12/7/2009	05:45 - 06:00	0.25	D	05		ACUMM CONECTION & SURVEY TIME.
	06:00 - 06:15	0.25	D	18		PRETOUR CHANGE OUT AND SAFETY MEETING
	06:15 - 11:30	5.25	D	03		DRILL 6 1/8" HOLE 12733' - 12800'. 12.76'/HR BGG 984 CONN 1875
	11:30 - 13:30	2.00	D	08		CIRCULATE BOTTOMS UP 2 TIMES. LAST SURVEY AND FLOWCHECK FINAL BGG 848
	13:30 - 16:30	3.00	D	04		POOH TO SHOE, PUMP DRY JOB, TRIP TO SHOE HAD NO DRAG. RIH WITH NO BRIDGES, WASH LAST 2 STANDS TO BOTTOM AS PRECAUTIONARY.
	16:30 - 18:00	1.50	D	08		CIRCULATE 2 BOTTOMS UP IN PREP FOR LOGGING. BGG 693 U AND BOTTOMS UP GAS
	18:00 - 18:15	0.25	D	18		CREW CHANGE
	18:15 - 18:45	0.50	D	08		CIRC CONDITION MUD
	18:45 - 22:00	3.25	D	04		POOH TO LOG. F/C 12800', 12765', 12400', 9395'
	22:00 - 22:30	0.50	D	18		SAFETY MEETING W/ ELPASO SAFETY HAND & CREW.
	22:30 - 02:00	3.50	D	04		CONTINUE POOH. 9395'. F/C 6900', BHA, OOH. CALCULATED TRIP MUD, 71.31 BBLs. MEAS 73.5 BBLs DIFF + 2.19 BBLs WELL STATIC LAY OUT DIRECTIONAL TOOLS, MONELS UBHO SUB MOTOR RIG UP LOGGERS, SAFETY MEETING W/ LOGGERS & RIG CREW

Printed: 5/31/2011 2:26:57 PM

Jun. 21, 2011



## EL PASO PRODUCTION

Page 19 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Rig Number: 426

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/7/2009	05:00 - 06:00	1.00	D	11		PICK UP LOGGING TOOLS RIH.
12/8/2009	06:00 - 06:15	0.25	D	18		PRETOUR CHANGEOUT AND SAFETY MEETING (LOGGING)
	06:15 - 12:30	6.25	D	11		WIRELINE LOGS WITH HALLIBURTON, TRIPLE COMBO W/ SONIC. DENSITY QUIT AT 6000', POOH CHANGE TOOL, RIH W/L TOTAL DEPTH 12812'. (LOST RUBBER DECENTALIZER OFF OF TOOL)
	12:30 - 13:00	0.50	D	11		RIG DOWN LOGGERS.
	13:00 - 14:45	1.75	D	04		MAKE UP BHA W/ ROLLER CONE BIT. RIH, f/c @ 1068', 3063', FILL PIPE
	14:45 - 15:00	0.25	D	06		RIG SERVICE FUNCTION LOWER PIPE RAMS. 6 SEC
	15:00 - 15:15	0.25	D	04		INSTALL R-BOP.
	15:15 - 18:00	2.75	D	04		CONTINUE RIH. F/C 9394'. FILL PIPE, WASH TO BOTTOM. F/ 12682'. NO FILL.
	18:00 - 18:15	0.25	D	18		CREW CHANGE, SAFETY MEETING TRIPPING PIPE, MIXING CHEMICALS REVIEW
	18:15 - 21:15	3.00	D	08		CIRC CONDITION MUD, MONITOR LOSSES & GAS BACK GROUND GAS 40 UNITS BOTTOM HOLE GAS 1468 UNITS PUMP SWEEP, POOH, 5 STANDS FLOW CHECK, DROP DRIFT IN DP. POOH. F/C 9326', 6574', 698' HOLE FILL MEAS, 71.6 BBLs CACLU, 70.2 BBLs. DIFF + 1.39 BBLs.
	21:15 - 03:45	6.50	D	04		RIG SERVICE BLOCKS, TOP DRIVE, FUNCTION BLIND RAMS 7 SEC. SAFETY MEETING W/ CREW & POWER TONGS, PICKING UP EQUIPMENT. RIG UP. SAFETY MEETING W/ RIG CREW POWER TONGS & HALLIBURTON LINER CREW.
	03:45 - 04:00	0.25	D	18		PRETOUR CHANGE OUT AND SAFETY MEETING. RUNNING LINER, FREEZES AND PRECAUTIONS WHILE PUMPING.
	04:00 - 06:00	2.00	D	12		MAKE UP FLOAT SHOE, ONE JT 4 1/2" 13.5 # P-110, LTC CASING, FLOAT COLLAR, (THREAD LOCKED ALL CONNECTIONS INCLUDING TOP OF FLOAT COLLAR) RUN 67 JOINTS 4 1/2" 13.5# P110, LTC CASING (2448.65'), TORQUE 3275, RUN 29 JOINTS 4 1/2" 11.5# P-110, LTC CASING (1199.87') TORQUE 3020. TOTAL LINER AND FLOAT EQUIPMENT 3648.52'. LINER HANGER 22.28', RUNNING TOOL, 6.8', PUP JOINT 6.08', PU ONE STAND OF DP AND DISPLACE LINER WITH CLEAN MUD.
	12/9/2009	06:00 - 06:15	0.25	D	18	
06:15 - 10:45		4.50	D	12		RIH WITH LINER ON STANDS FROM DERRICK AT 40'/MIN. FILL EVERY 1000'. TAG BRIDGE @ 12456',
10:45 - 11:00		0.25	D	12		KELLY UP WASH 3 1/2 STANDS TO BOTTOM. BOTTOM HOLE GAS 2333 UNITS.
11:00 - 19:15		8.25	D	12		CIRC BTOMS UP, LOSING FLUID MIX & PUMP LCM PILL.
19:15 - 22:15		3.00	D	12		SAFETY MEETING W/ AL PERSONAL ON LOCATION
22:15 - 00:15		2.00	D	08		WORK ON SCHLUMBERGER PUMP MOTOR. CIRC WELL
00:15 - 01:30		1.25	D	08		RIG UP CEMENTERS
01:30 - 02:30		1.00	DT	65		MIX & PUMP CEMENT.
02:30 - 03:45		1.25	D	14		PRETOUR CHANGEOUT AND SAFETY MEETING, CEMENTING AND LDDP.
03:45 - 06:00		2.25	D	14		PUMP WATER TO WARM UP LINES FOR PRESSURE TEST TO 8500 PSI. PUMP 20 BBL MUDPUSHI AT 13 PPG, 86 BBL CEMENT AT 14.1 PPG, WASH UP, DROP WIPER PLUG, DISPLACE WITH 5 BBL RETARDED FLUID, 45 BBL WATER, 5 BBL RETARDED FLUID, 57 BBL MUD. BUMPED PLUG, DROPPED BALL, RUPTURED DISK, CIRCULATED BALL TO SEAT, SET HANGER, RELEASED FROM HANGER, CIRCULATED CEMENT OUT OF HOLE, APPLIED POSITIVE TEST 1500 PSI FOR 10 MINUTES, DISPLACE OUT MUD
12/10/2009	06:00 - 06:15	0.25	D	18		
	06:15 - 09:30	3.25	D			



## EL PASO PRODUCTION

Page 20 of 20

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 9/20/2009  
 Rig Release: 12/9/2009  
 Rig Number: 426

Spud Date: 9/20/2009  
 End: 12/12/2009  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/10/2009	06:15 - 09:30	3.25	D			WITH WATER UNTIL CLEANED UP, OBSERVE FOR FLOW 10 MINUTES.
	09:30 - 10:45	1.25	D	12		RIG DOWN CEMENTERS AND LINER PLUG DROPPING HEAD.
	10:45 - 11:15	0.50	D	04		FLUSH PUMPS AND FLOWLINE, BLOWDOWN SAME
	11:15 - 17:45	6.50	D	04		LDDP F/C 7751', 5063' OUT OF HOLE.
	17:45 - 18:00	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 23 SEC.
	18:00 - 18:15	0.25	D	18		CREW CHANGE
	18:15 - 18:30	0.25	D	04		LDDP F/C OUT OF HOLE.
	18:30 - 20:30	2.00	D	04		RIH W/BHA, & 30 STANDS DP
	20:30 - 21:15	0.75	D	06		SLIP DRILL LINE
	21:15 - 00:30	3.25	D	04		FINISH LAYING OUT DP. HWDP & DC.
	00:30 - 00:45	0.25	D	04		BLOW OUT CHOKE LINE & KILL LINES
	00:45 - 03:15	2.50	D	10		SET TBG SET BP @ 89' TO CENTER RUBBER. PRESS TEST (TROUBLE W/ RIG PUMP REGAINING PRIME, CLOSE VALVES ON PUMP MANIFOLD) TO 865 PSI.
	03:15 - 06:00	2.75	D	10		NIPPLE DOWN BOP'S, FLOW LINE, ROTATING HEAD & CHOKE LINES.
12/11/2009	06:00 - 06:15	0.25	D	18		PRETOUR MEETING AND SAFETY MEETING, COLD OPERATIONS AND NIPPLE DOWN
	06:15 - 18:00	11.75	D	15		NIPPLE DOWN BOPE REPLACE RAMS TO 5" FROM 3 1/2". REPLACE C SECTION AND TEST SAME TO 5000 PSI. SEND MUD FROM PREMIX TO RIG 404, CLEAN INSIDE PITS AND PREMIX WITH SUPER SUCKER.
	18:00 - 21:30	3.50	D	15		INSTALL AND TEST COMPLETIONS BOP TO 250 PSI LOW 8500 PSI HIGH, CLEAN INSIDE PITS WITH SUPER SUCKER.
	21:30 - 22:30	1.00	D	15		PULL BP.
	22:30 - 04:45	6.25	D	01		RIG DOWN TOP DRIVE
12/12/2009	04:45 - 06:00	1.25	D	01		TEAR OUT RIG
	06:00 - 06:15	0.25	D	18		PRETOUR CHANGEOUT AND SAFETY MEETING, RIGDOWN
	06:15 - 18:00	11.75	D	01		MOVE CAMP AND RIG BACK UP ON NEW LOCATION. GENERAL RIG DOWN, SET PART OF STACK ON WELL HEAD AT NEW LOCATION. CRANE ARRIVED AND RIGGED UP. INSPECTION OF SWIVEL AND TOP DRIVE FOUND THE BOX ON THE SWIVEL CRACKED. THIS IS THE 3RD TIME IN 4 WELLS.
	18:00 - 18:15	0.25	D	18		SASFETY MEETING (SUSPENDED LOADS)
	18:15 - 23:30	5.25	D	01		PULL HYD LINES, POWER CORDS, F/PUMPS
	23:30 - 06:00	6.50	D	01		WAIT FOR DAY LIGHT. RIG RELEASED 06:00 HRS DEC 12/09. RBF.



EL PASO PRODUCTION  
Operations Summary Report

Page 1 of 5

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: COMPLETION  
 Contractor Name: PEAK  
 Rig Name: PEAK

Spud Date: 9/20/2009  
 Start: 10/18/2009 End: 1/21/2010  
 Rig Release: 12/31/2009 Group:  
 Rig Number: 900

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/29/2009	11:00 - 14:00	3.00	C	01		MOLRU THAWED WELL HEAD & BOPS, SIP @ 0# PSI.
	14:00 - 17:00	3.00	C	04		RU WORK FLOOR & TBG EQ., P/U MU & RIH W/ 3-3/4" BIT, BIT SUB, 4- 31/8" DCS, PAC X EUE X/O, 99 JTS 2-3/8" 8RD EUE TBG. L/D 10 JTS, WINTERIZE WELL HEAD W/ DIESEL, P/U 8' 2-7/8" PUP JT., EOT @ 2856'. SWIFD.
	17:00 - 19:00	2.00	C	18		R/U PUMP & RETURN LINES, CSDFD CT.
12/30/2009	06:00 - 08:30	2.50	C	18		CT & TGSM ( UNLOADING TBG OFF FLOATS ) UNLOAD TBG ON PIPE RACKS.
	08:30 - 16:00	7.50	C	04		PUMU & RIH W/ 25 JTS 2-3/8" 8RD EUE TBG, 2-3/8 EUE X 2-7/8" EUE X/O, C/O TO 2-7/8" TBG EQ., PUMU & RIH W/ 278 JTS 2-7/8" 8RD EUE TBG, TAG @ 12,705'. L/D 1 JT.
	16:00 - 20:00	4.00	C	13		PU PWR SWVL, C/O TO 12,754' CIRC CLEAN W/ 370 BBLS 2% KCL, R/D PWR SWVL, L/D 40 JTS 2-7/8" 8RD EUE TBG, SWIFD, DRAIN UP PUMP & RETURN LINES, WINTERIZE WELL HEAD & EQ., CSDFD CT.
12/31/2009	06:00 - 14:00	8.00	C	04		CT & TGSM ( L/D TBG ) TSIP & CSIP @ 0# PSI, L/D 239 JTS 2-7/8" 8RD EUE TBG, 2-7/8" EUE X 2-3/8" EUE X/O, 114 JTS 2-3/8", 2-3/8" EUE X 2-3/8" PAC X/O, 4 3-1/8" DCS, BIT SUB, 3-3/4" BIT. SWIFD
	14:00 - 17:00	3.00	C	18		R/D WORK FLOOR & TBG EQ., RACK OUT PUMP & RETURN LINES. RDMOL TO 4-17 CS.
1/1/2010	06:00 - 08:30	2.50	C	09		MOL W/ LONEWOLF WIRELINE EQ., PREJOB SAFETY MEETING. FILL CSG W/ 32 BBLS LET SET FULL FOR 2 HRS WHILE LONE WOLF RIGGED UP EQ., GOOD NEG. TEST.
	08:30 - 12:30	4.00	C	11		RIH W/ CBL/GR/CCL TAG @ 12751. REPEAT PASS TO 12510' W/ NO PRESSURE CORRELATE LOG TO HALLIBURTON TRIPLE COMBO OPEN HOLE LOG, RUN MAIN PASS W/ 2000# PSI TO 5780'.
	12:30 - 14:00	1.50	C	09		TEST CSG TO 8000# PSI, HOLD FOR 30 MINUTES. GOOD TEST.
	14:00 - 22:00	8.00	C	11		RIH W/ 4 CONS ( 3-1/8" HSC, 22.7 GM CHARGES, 3 JSPF AND 120* PHASING ) GUN RUNS , PERFORATING 12442 TO 12746 ( OPEN HOLE ) HOLDING 1000# PSI ON CSG NO PRESSURE CHANGES. 304 GROSS FT., 59 NET FT, 177 HLS. SWIFH, R/D WIRELINE EQ., CSDFHWE CT.
1/2/2010	06:00 - 06:30	0.50	C	18		SDFHWE NO ACTIVITY
1/3/2010	06:00 - 06:00					SDFHWE NO ACTIVITY
1/4/2010	06:00 - 06:00					SDFHWE NO ACTIVITY
1/5/2010	06:00 - 12:30	6.50	C	18		MOL W/ STNGER. SIP @ 1450# PSI, STING IN W/ STINGER WELL HEAD PROTECTION. HEAT WATER FOR FRAC.
1/6/2010	06:00 - 08:30	2.50	C	01		MOL W/ B.J FRAC EQ., R/U TGSM, PRESSURE TEST LINES & EQ., TO 9500# PSI.

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Jun. 21, 2011



## EL PASO PRODUCTION

Page 2 of 5

## Operations Summary Report

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: COMPLETION  
 Contractor Name: PEAK  
 Rig Name: PEAK

Start: 10/18/2009  
 Rig Release: 12/31/2009  
 Rig Number: 900

Spud Date: 9/20/2009  
 End: 1/21/2010  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/6/2010	08:30 - 10:00	1.50	C	21		SIP @ 1420# PSI, BREAK DOWN @ 4593# PSI @ 5 BPM, TREAT STAGE 1 PERFS W/ 5000 GAL 15% HCL W/ 190 BIO-BALLS FOR DIVERSION, FLUSH 10 OVER BTM PERF. AVE RATE 23.4 BPM AVE PRESSURE 4464 # PSI, MAX RATE 31.5 BPM, MAX PRESSURE 4958# PSI, ISDP 3632#, 5/ 3530#, 10/ 3468#, 15/ 3461# PSI, FRAC GRAD., .711 SURGE BALLS SWI.
	10:00 - 11:00	1.00	C	21		BREAK OUT BALL GUN & RETEST LINES & EQ., TO 9500# PSI. TREAT STAGE 1 PERFS W/ 5,000# 100 MESH IN 1/2 PPG STAGE & 99354# 20/40 SINTERBALL BAUXITE IN 1,2,3,&4 PPG STAGES W/ PROTECHNICS TRACER, AVE TREATING PRESSURE 5880# PSI, MAX TREATING PRESSURE 6789# PSI, AVE RATE 59 BPM, MX RATE 61.1 BPM, ISDP 3660# , 5/ 3531#, 10/ 3411#, 15/ 3345#, W/ FRAC GRADIENT OF .708 SWI
	11:00 - 18:00	7.00	C	11		R/U PERFOLOG, SIP @ 3200# PSI RIH W/ CONS GUN RUNS & SET PLUG @ . BLEED PRESSURE TO 2200# PSI, GOOD NEG., TEST, PRESSURE UP TO 4200# PSI, GOOD POSITIVE TEST, PERFORATE 12426' TO 12137' ( OPEN HOLE ) 62 NET FT, 186 HLS. NO PRESSURE CHANGE, SWI .
	18:00 - 19:30	1.50	C	21		SIP @ 2880, TREAT STAGE 2 PERFS W/ 5000 GAL 15% HCL, W/ 190 BIO-BALLS FOR DIVERSION, FLUSH 10 OVER BTM PERF, ISDP @ 3442 ,5/ 3365 ,10/ 3326 ,15/ 3280, .71 FRAC GRADIENT. SURGE BALLS, LET SET FOR 1 HR.
	19:30 - 20:30	1.00	C	21		BREAK OUT BALL GUN RETEST LINES & EQ., TO 9500# PSI. SIP @ 2995, TREAT STAGE 2 PERFS W/ 5,000# 100 MESH IN 1/2 PPG STAGE & 101,593# 20/40 SINTERBALL BAUXITE IN 1,2,3&4# STAGES W/ PROTECHNICS TRACER, ISDP @ 3926, 5/3840 ,10/3716 ,15/3638, W/ FRAC GRAD. OF .75 SWI DRAIN UP FRAC EQ.,
	20:30 - 03:30	7.00	C	11		RIH W/ 4 CONS GUN RUNS & SET PLUG @ 12122'. BLEED OFF TO 2500 . GOOD NEG., TEST PRESSURE TEST TO 4500. GOOD TEST. PERFORATE 11795' TO 12109 ( OPEN HOLE ) 50 NET FT, 150 HOLES. SWI. NO PRESSURE CHANGES. SWIFD RD WIRELINE EQ., CT.
1/7/2010	06:00 - 09:00	3.00	C	06		MOL W/ BJ FRAC CREW, START & CHECK EQ., PRE JOB SAFETY MEETING, PRESSURE TEST LINES & EQ., TO 9500# PSI.
	09:00 - 11:00	2.00	C	21		SIP @ 2692# PSI. TREAT STAGE 3 PERFS W/ 5000 GAL 15% HCL W/ 150 BIO-BALLS FOR DIVERSION FLUSH 10 OVER BTM PERF, AVE RATE 20.2 BPM, MX RATE 32.3 BPM, AVE PRESSURE 4202, MAX PRESSURE 4678, MIN., BALL ACTION. FRAC GRAD OF .73, ISDP @ 3540, 5/ 3337 10/ 3147 15/ 3045. SWI. BREAK OUT BALL DROPPER & RETEST LINE & EQ., WAIT TTL 1 HR. FROM SHUT DOWN TIME.
	11:00 - 12:00	1.00	C	21		SIP @ 2784 # PSI, TREAT STAGE 3 PERFS W/ 4,000# 100 MESH IN 1/2 PPG STAGE & 80,316# 20/40 SINTERBALL BAUXITE IN 1,2,3,&4 PPG STAGES, W/ PROTECHNICS TRACE. FLUSH TO TOP PERF. ISDP @ 3879#, 5/ 3770#, 10/ 3703#, 15/ 3668# PSI. FRAC GRADIENT OF .73, SWI DRAIN EQ.,

Printed: 5/31/2011 2:27:33 PM

Jun. 21, 2011



## EL PASO PRODUCTION Operations Summary Report

Page 3 of 5

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: COMPLETION  
 Contractor Name: PEAK  
 Rig Name: PEAK

Spud Date: 9/20/2009  
 Start: 10/18/2009  
 End: 1/21/2010  
 Rig Release: 12/31/2009  
 Group:  
 Rig Number: 900

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/7/2010	11:00 - 12:00	1.00	C	21		SIP @ 3450# ,RU LONE WOLF WIRELINE EQ., MAKE 3 CONS GUN RUNS, SET PLUG @ 11770' BLEED DOWN PSI TO 2500, GOOD NEG., TEST, TEST TO 4500# PSI GOOD POSITIVE TESTM, PERF 11448 TO 11752 ( OPEN HOLE ) 41 NET FT., 123 HLS, SWI W/ 2850# PSI. R/D WIRELINE CT.
	12:00 - 19:00	7.00	C	11		
1/8/2010	06:00 - 07:30	1.50	C	21		MOL W/ BJ FRAC CREW, START & CHECK EQ., PRE JOB SAFETY MEETING, PRESSURE TEST LINES & EQ., TO 9500# PSI. BY 6 A.M. TREAT STAGE 4 PERFS W/ 5000 GAL 15% HCL W/ 125 BIO-BALLS FOR DIVERSION FLUSH 10 OVER BTM PERFAVE RATE 20.4 BPM, MX RATE 20.4 BPM, FRAC GRAD. .76, ISDP @ 3806, 5/ 3699, 10/ 3571, 15/ 3399. SWI BREAK OUT BALL GUN RETEST LINES & EQ, LET BALLS SET.
	07:30 - 08:30	1.00	C	21		TREAT STAGE 4 PERFS W/ 4000# 100 MESH IN 1/2 PPG STAGE, & 73,800# 20/40 SINTERBALL BAUXITE IN 1,2,3&4 PPG STAGES W/ PROTECHNICS TRACER, FLUSH TO TOP PERF, FRAC GRAD, .79, ISDP @ 4160 5/ 3923, 10/ 3840, 15/ 3806, SWI TURN OVER TO WIRELINE.
	08:30 - 12:30	4.00	C	11		SIP @ 3200# PSI, RIH W/ 4 CONS GUN RUNS SET & TEST PLUG @ 11,440'. PERFORATE 11155' TO 11428' 57 NET FT., 171 HLS, GRADUALLY LOST ALL PRESSURE WHILE PERFORATING. SWI.
	12:30 - 14:00	1.50	C	21		SIP @ 0# PSI TREAT STAGE 5 PERFS W/ 5000 GAL 15% HCL W/ 125 BIO-BALLS FOR DIVERSION FLUSH 10 OVER BTM PERFAVE RATE 25.4 BPM, MX RATE 30.4 BPM, FRAC GRAD. .82, ISDP @ 4051, 5/ 3878, 10/ 3655, 15/ 3291. SWI BREAK OUT BALL GUN RETEST LINES & EQ, LET BALLS SET.
	14:00 - 15:00	1.00	C	21		TREAT STAGE 5 PERFS W/ 5000# 100 MESH IN 1/2 PPG STAGE, & 90,009# 20/40 SINTERBALL BAUXITE IN 1,2,3&4 PPG STAGES , FLUSH TO TOP PERF, FRAC GRAD, .82, ISDP @ 4407 5/ 4294, 10/ 4094, 15/ 3291, SWI TURN OVER TO WIRELINE.
	15:00 - 19:30	4.50	C	11		SIP @ 3150# PSI, RIH W/ 4 CONS GUN RUNS SET & TEST PLUG @ 11,144'. PERFORATE 10,790' TO 11,132' 69 NET FT., 207 HLS, SWI W/ 2000# PSI R/D WIRELINE EQ., CT.
	1/9/2010	06:00 - 07:00	1.00	C	21	
	07:00 - 08:30	1.50	C	21		SIP @ 676# PSI. TREAT STAGE 6 PERFS W/ 5,000 GAL 15% & 225 BIO-BALLS FOR DIVERSION, FLUSH 10 OVER BTM PERF, AVE RATE 25.3 BPM, MAX RATE 30.4 BPM, AVE PRESSURE 3525# PSI MAX TREATING PRESSURE 4052# PSI, ISDP @ 3194, 5/ 2436, 10/ 2151, 15/ 1980 F.G .73, SURGE BALLS, SWI BREAK OUT BALL GUN & RETEST LINES & EQ., LET BALLS SET FOR 1 HR.
	08:30 - 10:30	2.00	C	21		TREAT STAGE 6 PERFS W/ 6,320# 100 MESH IN 1/2 PPG STAGE, 23,002# SINTERBALL BAUXITE, 20/40 IN 1&2 PPG STAGE, 86,060# SINTERLITE BAUXITE, 20/40 IN 2,3&4 PPG STAGES, USING

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Jun. 21, 2011



## EL PASO PRODUCTION Operations Summary Report

Page 4 of 5

Legal Well Name: DWR 3-32B5	Spud Date: 9/20/2009
Common Well Name: DWR 3-32B5	
Event Name: COMPLETION	Start: 10/18/2009 End: 1/21/2010
Contractor Name: PEAK	Rig Release: 12/31/2009 Group:
Rig Name: PEAK	Rig Number: 900

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/9/2010	08:30 - 10:30	2.00	C	21		TRACER IN 1,2,3&4 PPG STAGES FLUSH TO TOP PERF. AVE RATE 65.4 BPM, MAX RATE 66.2 BPM, AVE PRESSURE 4998, MAX PRESSURE 5480, F.G .82, ISDP @ 4228, 5/ 4025, 10/ 3875, 15/ 3776, SWI.
	10:30 - 12:00	1.50	C	01		RDMOL W/ B.J FRAC EQ., STING OUT W/ STINGER WELL HEAD PROTECTION.
	12:00 - 06:00	18.00	C	18		OPEN WELL W/ 1900# PSI ON 12/64 CHOKE TOTP FOR FLOWBACK.
1/10/2010	06:00 - 06:00	24.00	C	18		TOTP FOR FLOWBACK
1/11/2010	06:00 - 06:00	24.00	C	18		TOTP FOR FLOWBACK
1/12/2010	06:00 - 11:00	5.00	C	01		MOL W/ C.T.S COIL TBG UNIT, R/U FILL & PRESSURE TEST COIL, MU BHA, FUNCTION TEST EQ.,
	11:00 - 12:30	1.50	C	22		RIH W/ BAKER 3-3/4" MILL, 2.88 MOTOR, 2.88 DUAL CIRCULATION SUB, 2.88 UNIVERSAL HYDRAULIC DISCONNECT, 2.88 BOWEN COIL TBG JARS, 2.88 DUAL BACK PRESSURE VALVE, 2.88 X 2" COIL CONNECTOR, 2" COIL TBG PUMPING 2 BPM.
	12:30 - 18:30	6.00	C	22		TAG & DRILL UP PLUGS @ 11132', 11426', 11758', 12107', 12738', TAG SAND @ 12,728' CLEAN OUT TO 12738' ( COIL TBG MEASUREMENTS ) DRILL ON FLOAT COLLAR FOR 5 MIN., START N2 @ 800 SCFS, 1 BPM, CLEAN OUT ON BTM FOR 1.25 HRS, PULL OUT OF LNR @ 60 FT PER MIN.
	18:30 - 21:00	2.50	C	22		POOH W/ COIL TBG KILL N2 @ 5000' SWI BREAK OUT TOOLS, BLOW COIL DRY, RDMOL W/ COIL TBG UNIT & EQ.,
	21:00 - 06:00	9.00	C	18		TOTP FOR FLOWBACK
1/13/2010	06:00 - 06:00	24.00	C	18		TOTP FOR FLOWBACK
1/14/2010	06:00 - 06:00	24.00	C	18		TOTP FOR FLOWBACK
1/15/2010	06:00 - 06:00	24.00	C	18		TOTP FOR FLOWBACK
1/16/2010	07:00 - 11:00	4.00	C	01		HSM 1-7 A2 STILL PUMPING, ROAD RIG FROM 1-7 A2 TO THE 3-32 B5 MIRU.
	11:00 - 15:30	4.50	C	18		SPOTTED IN CAT WALK, PIPE RACKS AND TBG. SDFN
1/17/2010	07:00 - 10:30	3.50	C	11		HSM WELL FLOWING @ 650 PSI. RU WIRE LINE. SHUT WELL IN. RIH W/ MODEL WL BAKER PKR. PRESSURE INCREASED TO 1100 PSI. SET PKR @ 9075' RD WIRELINE.
	10:30 - 13:00	2.50	C	20		BLED DOWN WELL
	13:00 - 17:30	4.50	C	04		RIH W/ MODEL L-10 ON OFF TOOL AND 236-JTS 2 7/8 N-80 EUE TBG EOT @ 7573'. SECURED WELL SDFN.
1/18/2010	07:00 - 08:00	1.00	C	04		HSM 0 WELL PRESS. FINISHED RIH W/ 48-JTS 2 7/8 N-80 EUE TBG, TAGGED 20' OUT ON JT #283 COULD NOT JAY UP TO SEAL NIPPLE.
	08:00 - 10:00	2.00	C	18		RU WASHINGTON HEAD. AND TBG SWIVEL
	10:00 - 12:30	2.50	C	08		PUMPED 120 BBLS PACKER FLUID DOWN CSG GOT CIRC WASHED DOWN 4' TO PACKER. CIRC WELL CLEAN W/ 220 BBLS PACKER FLUID
	12:30 - 13:30	1.00	C	18		LATCHED ON TO PKR. LD 1 JT 2 7/8 ADDED 1-8', 1-10 2 7/8 TBG SUB.

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Jun. 21, 2011



EL PASO PRODUCTION  
Operations Summary Report

Page 5 of 5

Legal Well Name: DWR 3-32B5  
 Common Well Name: DWR 3-32B5  
 Event Name: COMPLETION  
 Contractor Name: PEAK  
 Rig Name: PEAK

Start: 10/18/2009  
 Rig Release: 12/31/2009  
 Rig Number: 900

Spud Date: 9/20/2009  
 End: 1/21/2010  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/18/2010	13:30 - 14:30	1.00	C	15		ND BOPS LEFT 10 K TENSION IN PKR. NU WELLHEAD TREE. TEST CSG TO 1000 PSI HELD. PUMPED OUT PLUG ON PKR @ 3300 PSI PUMPED ADDL 5 BBLS TURNED WELL OVER TO PUMPER TO FLOW. ON 22/48 CHOKE @ 600 PSI. SDFN.
	14:30 - 15:30	1.00	C	09		
1/19/2010	07:00 - 08:00	1.00	C	01		RD RIG. RU DELSCO RIH W/ SINKER BARS COULD NOT GO BELOW 10787' CLEAN LOC. RD DELSCO MOVED RIG TO THE 2-15 D6.
	08:00 - 10:30	2.50	C	11		
1/20/2010	16:00 - 18:30	2.50	C	18		MIRU DELSCO SLICKLINE UNIT. RIH W/ SPUD ASSEMBLY & BEAT ON PUMP OUT PLUG STUCK @ 10787'. PLUG STARTED MOVING DOWN HOLE. PUSH TO 12664'. COULD NOT PUSH DEEPER. POOH W/ SPUD ASSEMBLY. RD SLICKLINE TRUCK. SDFN
1/21/2010	08:00 - 13:00	5.00	C	11		RU SLICK LINE TRUCK & RUN TRACER LOG FROM 12664' TO TOP PERF @ 10790'. RD WIRELINE TRUCK. TURN WELL OVER TO PRODUCTION DEPARTMENT

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Jun. 21, 2011

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> DWR 3-32B5	
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP	<b>9. API NUMBER:</b> 43013342070000	
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana St. , Houston, TX, 77002	<b>PHONE NUMBER:</b> 713 420-5038 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1300 FSL 1173 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 32 Township: 02.0S Range: 05.0W Meridian: U	<b>COUNTY:</b> DUCHESNE	
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/19/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input 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="Perf and Frac"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>El Paso plans to recomplete this well further up hole in the Wasatch. El Paso will set a plug above the current producing interval @~10,765. The new interval is from 9938-10743, and will be frac'd in 4 stages with approximately 395k pounds of ceramic proppant. There will be composite plugs set between each stage, and we will drill out the plugs with coil tubing once we have pumped all 4 stages.</p>		<p><b>Approved by the Utah Division of Oil, Gas and Mining</b></p> <p><b>Date:</b> <u>07/18/2011</u></p> <p><b>By:</b> <u><i>Derek Duff</i></u></p>
<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 420-5038	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/14/2011	

**Please Review Attached Conditions of Approval**

**RECEIVED** Jul. 14, 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 43013342070000**

**Form 8 Well Completion Report was never submitted for original completion. Please submit immediately.**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> DWR 3-32B5	
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP	<b>9. API NUMBER:</b> 43013342070000	
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana St. , Houston, TX, 77002	<b>PHONE NUMBER:</b> 713 420-5038 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1300 FSL 1173 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 32 Township: 02.0S Range: 05.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/15/2011  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input 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="Perf &amp; Frac"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Perforated and frac'd: 10743' - 10487', 10545' - 10256', 10221' - 10061' & 10034' - 9938'. Please see attached daily operations summary for details.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 420-5038	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/24/2011	

WESTERN

ALTAMONT FIELD

DWR 3-32B5

DWR 3-32B5

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	WESTERN
Representative	
Address	

### 1.2 Well Information

Well	DWR 3-32B5		
Project	ALTAMONT FIELD	Site	DWR 3-32B5
Rig Name/No.	KEY ENERGY/	Event	RECOMPLETE LAND
Start Date	8/8/2011	End Date	
Spud Date	9/20/2009	UWI	031-002-S 005-W 30
Active Datum	GROUND LEVEL @6,188.0ft (above Mean Sea Level)		
Afe No./Description	154525/42607 / DWR 3-32B5		

## 2 Summary

### 2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
8/9/2011	6:00 7:00	1.00	POST	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIGGING UP
	7:00 9:30	2.50	MIRU	01		P		ROAD RIG FROM THE 3-20C6 TO LOCATION
	9:30 10:30	1.00	MIRU	01		P		SLIDE ROTO FLEX MIRU
	10:30 12:00	1.50	PRDHEQ	39		P		RETRIEVE STANDING VALVE FLUSH w 50 BBLs OF HOT 2% KCL WTR
	12:00 18:00	6.00	PRDHEQ	39		P		LD POILISH ROD TOH LAYING DOWN RODS FLUSHING AS NEEDED DID NOT HAVE STANDING VALVE WHEN LAYING DOWN PLUNGER
	18:00 19:00	1.00	PRDHEQ	16		P		ND WELLHEAD NU BOPE RELEASE TAC SECURE WELL SDFN
8/10/2011	6:00 8:30	2.50	POST	28		P		KEY MOUTHLY SAFTEY MEETING...CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; LAYING DOWN TBG
	8:30 15:00	6.50	PRDHEQ	39		P		TOH LAY DOWN 252 JTS OF 2 7/8" TBG LD BHA
	15:00 18:00	3.00	PRDHEQ	26		P		MIRU WIRELINE TIH w 3.700 GAUGE RING TO 10785' TOH w GAUGE TIH w 4 1/2" CBP SET AT 10770' TOH w WIRELINE AND RIG DOWN
	18:00 18:00	0.00	PRDHEQ	26		P		SECURE WELL SDFN
8/11/2011	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIGGING DOWN
	7:00 9:00	2.00	RDMO	02		P		RDMO
	9:00 17:30	8.50	MIRU	01		P		MIRU STRINGER, MIRU 4-STAR MIRU HOT OIL TRUCK FILL CSG w 220 BBLs OF 2% KCL WTR ATTEMPT TO TEST STINGER RUBBERS AT 1000 PSI TO VERIFIED THEY WOULD SEAL FAILED RD CHECK RUBBERS ADD 1' EXTENSION TEST CBP, CSG AND BOPE'S TO 7500 PSI HELD FOR 30 MINS
	17:30 19:30	2.00	STG01	21		P		RU WIRELINE RIH PERFORATE STG 1 CORRELATED TO HALLIBURTON OHL 7-DEC-2009 TOH LD GUN SECURE WELL SDFN
8/12/2011	6:00 7:00	1.00	POST	28		P		HSM WRITE AND REVIEW JSA TOPIC; SPOTTING IN EQUIPMENT
	7:00 15:00	8.00	MIRU	01		P		MIRU BJ SERVICES
	15:00 15:30	0.50	STG01	35		P		HSM WRITE AND REVIEW JSA TOPIC; FRACTURING STG 1

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	15:30 18:00	2.50	STG01	35		P		STAGE 1; PRESSURE TEST LINES TO 8245 PSI. OPEN WELL. SICP 3 PSI. BREAK DOWN STAGE 1 PERFORATIONS 10743" TO 10487' @ 3750 PSI, PUMPING 16 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 3276 PSI.FG. 71 5 MINUTE 2899 PSI. 10 MINUTE 2360 PSI. 15 MINUTE 1852 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 3618 PSI. 5 MIN 3400 PSI. 10 MINUTE 3318 PSI. 15 MINUTE 3277 PSI. AVG RATE 53.7 BPM. AVG PSI 3722 PSI. MAX RATE 58 BPM. MAX PSI 5705 PSI. TURN OVER TO WIRELINE
	18:00 20:00	2.00	STG02	21		P		STAGE 2; SET COMPOSITE FRAC PLUG @ 10474". PRESSURE ON WELL 3000 PSI PERFORATE STAGE 2 PERFORATIONS 10545' TO 10256', 20 NET FEET 60 TTL SHOTS W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS. SAW NO PRESSURE CHANGE. SECURE WELL SDFN
8/13/2011	6:00 9:30	3.50	STG02	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; FRACTURING
	9:30 11:00	1.50	STG02	35		P		STAGE 2; PRESSURE TEST LINES TO 8191 PSI. OPEN WELL. SICP 2100 PSI. BREAK DOWN STAGE 2 PERFORATIONS 10545' TO 10256' @ 4378 PSI, PUMPING 12 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 3396 PSI.FG. 76 5 MINUTE 3315 PSI. 10 MINUTE 3278 PSI. 15 MINUTE 3259 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 3614 PSI. 5 MIN 3498 PSI. 10 MINUTE 3431 PSI. 15 MINUTE 3405 PSI. AVG RATE 60.7 BPM. AVG PSI 4647 PSI. MAX RATE 61 BPM. MAX PSI 5720 PSI. TURN OVER TO WIRELINE
	11:00 12:00	1.00	STG03	26		P		STAGE 3; SET COMPOSITE FRAC PLUG @ 10240'. PRESSURE ON WELL 3360 PSI PERFORATE STAGE 2 PERFORATIONS 10221' TO 10061', NET FEET 20 TTL SHOTS 48 W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS. SAW NO PRESSURE CHANGE. TURN WELL OVER TO FRAC
	12:00 13:30	1.50	STG03	35		P		STAGE 3; PRESSURE TEST LINES TO 8191 PSI. OPEN WELL. SICP 2140 PSI. BREAK DOWN STAGE 3 PERFORATIONS 10221' TO 10061' @ 3648 PSI, PUMPING 11.6 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 3186 PSI.FG. 75 5 MINUTE 2928 PSI. 10 MINUTE 2831 PSI. 15 MINUTE 2736 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 3554 PSI. 5 MIN 3200 PSI. 10 MINUTE 3224 PSI. 15 MINUTE 3169 PSI. AVG RATE 58.1 BPM. AVG PSI 4188 PSI. MAX RATE 61.5 BPM. MAX PSI 5390 PSI. TURN OVER TO WIRELINE
	14:00 15:30	1.50	STG04	26		P		STAGE 4; SET COMPOSITE FRAC PLUG @ 10050' PRESSURE ON WELL 3160 PSI PERFORATE STAGE 4 PERFORATIONS 10034' TO 9938', NET FEET 20 TTL SHOTS 60 W/ 2-3/4" 3 JSPF, 120 DEG PHASING GUNS. SAW NO PRESSURE CHANGE. TURN WELL OVER TO FRAC

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	15:30 20:30	5.00	STG04	35		P		STAGE 4; PRESSURE TEST LINES TO 8191 PSI. OPEN WELL. SICP 2400 PSI. BREAK DOWN STAGE 3 PERFORATIONS 10034' TO 9938' @ 3116 PSI, PUMPING 7.7 BPM. TREAT W/ 5000 GAL 15% HCL ACID FLUSHING TO BOTTOM PERF PLUS 10 BBLS. ISDP 2785 PSI.FG. 71 5 MINUTE 2571 PSI. 10 MINUTE 2492 PSI. 15 MINUTE 2472 PSI. WAIT ON SAND...TREATED STAG 4... AS PER PROCEDURE PAD 100M SPACER 1# TERRA PROP 2# TERRA PROP 3# TERRA PROP 4# TERRA PROP 4.5# TERRA PROP...FLUSH 4.5# TO TOP OF LINER w 266 BBLS SCREENED OUT 8288 PSI 13855# OF PROP LEFT IN PIPE
	20:30 0:00	3.50	FB	35		P		RIG DOWN BAKER OPEN WELL ON A 16/64 CHOCK 50 PSI GOT WELL FLOWING 2150 PIS SHUT WELL IN RIG DOWN STINGER OPEN WELL TURN OVER TO FLOW BACK
	0:00 6:00	6.00	FB	35		P		FLOW BACK 0 GAS 0 OIL 344 WTR ON A 14/64 CHOCK 1600 PSI
8/14/2011	6:00 6:00	24.00	FB	17		P		FLOW BACK WELL 0 GAS 0 OIL 995 WTR 16/64 CHOKE TTL WTR 1339
8/15/2011	6:00 6:00	24.00	FB	17		P		GAS 84 OIL 61 BBLS WATER 621 BBLS ON A 18/64 CHOCK 675 PSI
8/16/2011	6:00 7:00	1.00	POST	28		P		CREW TRAVEL TO LCCATION HSM WRITE AND REVIEW JSA TOPIC; RIGGING UP COIL TBG
	7:00 14:00	7.00	MIRU	01		P		MIRU COIL
	14:00 3:00	13.00	CTU	10		P		TIH w COIL TBG DRILL OUT CBP AND C/O TO 12699' CIRC WELL CLEAN TOH W COIL TBG RDMO
	3:00 6:00	3.00	CTU	17		P		TUR WELL OVER TO FLOW BACK... 130 GAS 16 OIL 384 WATER 16/64 CHOCK 450 PSI
8/17/2011	6:00 6:00	24.00	FB	35		P		GAS 250 OIL 178 BBLS WATER 518 BBLS 1100 PSI 18/64 CHOKE
8/18/2011	6:00 6:00	24.00	FB	17		P		GAS 750 OIL 217 BBLS 336 WATER BBLS 1100 PSI 26/64 CHOKE
8/19/2011	6:00 6:00	24.00	FB	17		P		GAS 986 OIL 235 BBLS 367 WATER BBLS 975 PSI 26/64 CHOKE
8/20/2011	6:00 6:00	24.00	FB	17		P		GAS 1038 OIL 234 BBLS 330 WATER BBLS 775 PSI 24/64 CHOKE
8/21/2011	6:00 6:00	24.00	FB	17		P		GAS 1022 OIL 201 BBLS WATER 285 BBLS 725 PSI 24/64 CHOKE
8/22/2011	6:00 6:00	24.00	FB	17		P		GAS 888 OIL 180 BBLS WATER 256 BBLS 600 PSI 24/64 CHOKE

**Table of Contents**

1	General.....	1
1.1	Customer Information.....	1
1.2	Well Information.....	1
2	Summary.....	1
2.1	Operation Summary.....	1

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> DWR 3-32B5
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP		<b>9. API NUMBER:</b> 43013342070000
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana St. , Houston, TX, 77002	<b>PHONE NUMBER:</b> 713 420-5038 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1300 FSL 1173 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 32 Township: 02.0S Range: 05.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/15/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> 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                              OTHER: <input type="text" value="PU Optimization"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see attached procedure.		
<p><b>Accepted by the Utah Division of Oil, Gas and Mining</b></p> <p>Date: <u>09/26/2011</u></p> <p>By: <u><i>Derek Duff</i></u></p>		
<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 420-5038	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 9/13/2011

## DWR 3-32B5 Procedure Summary

- POOH w/rods, pump, and tubing
- RIH w/optimized BHA, tubing to optimized depth, and optimized rod string
- Clean location and resume production

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

**CONFIDENTIAL**

AMENDED REPORT  FORM 8  
(highlight changes)

**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:  
El Paso E&P Company, L.P.

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002 PHONE NUMBER: (713) 420-5038

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 1300 FSL & 1173 FWL  
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1300 FSL & 1173 FWL  
AT TOTAL DEPTH: 12800'

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:  
DWR 3-32B5

9. API NUMBER:  
4301334207

10. FIELD AND POOL, OR WILDCAT  
Altamont/Bluebell

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
SWSW 32 2S 5W 6

12. COUNTY: Duchesne 13. STATE: UTAH

14. DATE SPUNDED: 9/20/2009 15. DATE T.D. REACHED: 12/6/2009 16. DATE COMPLETED: 1/20/2010 ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): 6188'

18. TOTAL DEPTH: MD 12,800 TVD 12,800 19. PLUG BACK T.D.: MD TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE MD PLUG SET: TVD

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

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17.5	13.375 J-55	54	0	1,697		G 1215	601	0	0
12.25	9.625 N-80	40	0	5,416		G 1035	521	0	
8.75	7 P110	29	0	9,412		G 470	198	0	
6.125	4.5 P110	13.5	9,126	12,795		G 484	86	9126	

**25. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	12,797							

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) Wasatch	10,790	12,757	10,790	12,757	12,442 12,757	.34	180	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)					12,137 12,426	.34	186	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)					11,795 12,109	.34	150	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)					11,448 11,752	.34	123	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
12442-12757	7140 gals 15% HCL, 5000# 100 mesh sand, 99354# 20/40 Sinterball Bauxite
12137-12426	8232 gals 15% HCL, 5000# 100 mesh sand, 101593# 20/40 Sinterball Bauxite
11795-12109	7980 gals 15% HCL, 4000# 100 mesh sand, 80316# 20/40 Sinterball Bauxite

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:

**RECEIVED**

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 1/8/2010		TEST DATE: 1/8/2010		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 500	GAS – MCF: 1,135	WATER – BBL: 235	PROD. METHOD: FL
CHOKE SIZE: 19/64	TBG. PRESS.	CSG. PRESS. 770	API GRAVITY 44.10	BTU – GAS 1,230	GAS/OIL RATIO 2,239	24 HR PRODUCTION RATES: →	OIL – BBL: 500	GAS – MCF: 1,135	WATER – BBL: 235	INTERVAL STATUS: open

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)
				UGR LGR Wasatch	4,648 7,759 9,288

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) Maria S. Gomez TITLE Sr. Regulatory Analyst  
 SIGNATURE *Maria S. Gomez* DATE 9/19/2011

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

Additional Information to Form 8

DWR 3-32B5 4301334207

El Paso E&P Company, L.P.

**Item 27 (Cont) Perforation Record**

Interval	Size	# Holes	Perf Status
11155-11428	0.34	171	Open
10790-11132	0.34	207	Open

**Item 28 (Cont) Acid, Fracture, Treatment, Cement Squeezes, etc.**

Depth Interval	Amount and Type of Material
11448-11752	6132 gals 15% HCL, 4000# 100 mesh sand, 73800# 20/40 Sinterball Bauxite
11155-11428	6384 gals 15% HCL, 5000# 100 mesh sand, 90009# 20/40 Sinterball Bauxite
10790-11132	7476 gals 15% HCL, 6320# 100 mesh sand, 109062# 20/40 Sinterball Bauxite

WESTERN

ALTAMONT FIELD

DWR 3-32B5

DWR 3-32B5

DWR 3-32B5

## Deviation Summary Report

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

1 General

1.1 Customer Information

Company	WESTERN
Representative	
Address	

1.2 Well Information

Well	DWR 3-32B5	Wellbore No.	OH
Wellbore Legal Name	DWR 3-32B5	Common Wellbore Name	DWR 3-32B5
Project	ALTAMONT FIELD	Site	DWR 3-32B5
Vertical Section Azimuth	0.00 (°)	North Reference	True
Origin N/S	0.0 (ft)	Origin E/W	0.0 (ft)
Spud Date	9/20/2009	UWI	031-002-S 005-W 30
Active Datum	GROUND LEVEL @6,188.0ft (above Mean Sea Level)		

2 Survey Name

2.1 Survey Name: INC 0 - 12742

Survey Name	INC 0 - 12742	Company	El Paso
Started	9/23/2009	Ended	
Tool Name	INC	Engineer	El Paso

2.1.1 Tie On Point

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

2.1.2 Survey Stations

Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
9/23/2009	Tie On	0.0	0.00	0.00				0.00	0.00	0.00	0.00	0.00
	NORMAL	310.0	0.00	231.90	6,498.0	0.00	0.00	0.00	0.00	0.00	0.00	231.90
9/24/2009	NORMAL	610.0	0.00	231.90	6,798.0	0.00	0.00	0.00	0.00	0.00	0.00	231.90
	NORMAL	940.0	0.00	231.90	7,128.0	0.00	0.00	0.00	0.00	0.00	0.00	231.90
9/25/2009	NORMAL	1,180.0	0.50	231.90	7,368.0	-0.65	-0.82	-0.65	0.21	0.21	0.00	231.90
	NORMAL	1,270.0	0.70	231.90	7,458.0	-1.23	-1.57	-1.23	0.22	0.22	0.00	0.00
9/26/2009	NORMAL	1,360.0	0.75	231.90	7,548.0	-1.93	-2.46	-1.93	0.06	0.06	0.00	0.00
	NORMAL	1,450.0	0.50	231.90	7,638.0	-2.54	-3.23	-2.54	0.28	-0.28	0.00	180.00
9/27/2009	NORMAL	1,540.0	1.00	231.90	7,728.0	-3.26	-4.16	-3.26	0.56	0.56	0.00	0.00
9/28/2009	NORMAL	1,660.0	0.75	231.90	7,848.0	-4.39	-5.60	-4.39	0.21	-0.21	0.00	180.00
	NORMAL	1,720.0	1.10	231.90	7,907.9	-4.99	-6.37	-4.99	0.58	0.58	0.00	0.00
11/4/2009	NORMAL	1,801.0	0.30	231.90	7,988.9	-5.60	-7.14	-5.60	0.99	-0.99	0.00	180.00
	NORMAL	1,878.0	0.50	192.50	8,065.9	-6.05	-7.38	-6.05	0.43	0.26	-51.17	-74.78
	NORMAL	1,975.0	0.60	189.80	8,162.9	-6.97	-7.55	-6.97	0.11	0.10	-2.78	-15.88
	NORMAL	2,160.0	0.60	224.20	8,347.9	-8.62	-8.39	-8.62	0.19	0.00	18.59	107.20
	NORMAL	2,253.0	0.70	214.40	8,440.9	-9.43	-9.05	-9.43	0.16	0.11	-10.54	-53.00
11/5/2009	NORMAL	2,346.0	0.80	218.10	8,533.9	-10.41	-9.78	-10.41	0.12	0.11	3.98	27.70
	NORMAL	2,438.0	0.70	251.20	8,625.9	-11.10	-10.70	-11.10	0.48	-0.11	35.98	119.19
	NORMAL	2,627.0	0.80	260.20	8,814.9	-11.70	-13.10	-11.70	0.08	0.05	4.76	54.23
	NORMAL	2,718.0	0.40	206.80	8,905.9	-12.09	-13.87	-12.09	0.71	-0.44	-58.68	-150.23
	NORMAL	2,812.0	0.40	187.60	8,999.9	-12.71	-14.06	-12.71	0.14	0.00	-20.43	-99.60

## 2.1.2 Survey Stations (Continued)

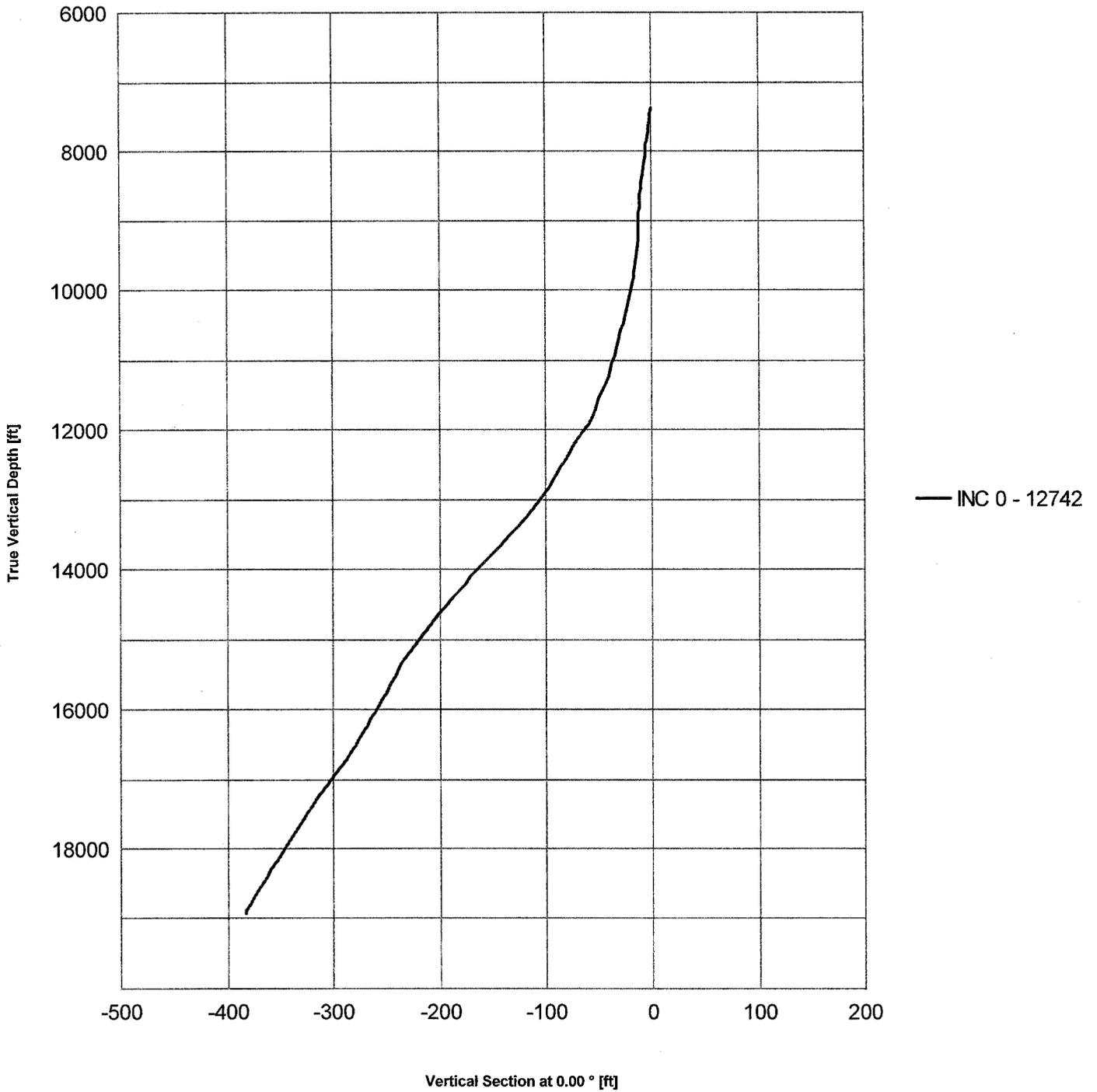
Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
11/6/2009	NORMAL	2,904.0	0.20	271.10	9,091.9	-13.02	-14.26	-13.02	0.46	-0.22	90.76	152.23
11/7/2009	NORMAL	2,999.0	0.30	258.30	9,186.9	-13.07	-14.67	-13.07	0.12	0.11	-13.47	-35.69
	NORMAL	3,092.0	0.50	267.30	9,279.9	-13.14	-15.31	-13.14	0.22	0.22	9.68	21.97
	NORMAL	3,434.0	1.10	238.70	9,621.8	-14.91	-19.61	-14.91	0.21	0.18	-8.36	-48.50
11/8/2009	NORMAL	3,551.0	1.80	248.00	9,738.8	-16.19	-22.27	-16.19	0.63	0.60	7.95	23.27
11/9/2009	NORMAL	3,584.0	1.90	242.80	9,771.8	-16.63	-23.24	-16.63	0.59	0.30	-15.76	-61.83
	NORMAL	3,613.0	2.10	245.60	9,800.8	-17.07	-24.15	-17.07	0.77	0.69	9.66	27.44
	NORMAL	3,709.0	1.90	239.50	9,896.7	-18.60	-27.12	-18.60	0.30	-0.21	-6.35	-136.23
	NORMAL	3,806.0	2.10	250.70	9,993.7	-20.01	-30.19	-20.01	0.45	0.21	11.55	68.57
	NORMAL	3,902.0	2.00	250.00	10,089.6	-21.16	-33.42	-21.16	0.11	-0.10	-0.73	-166.29
	NORMAL	3,999.0	2.20	240.60	10,186.5	-22.65	-36.63	-22.65	0.41	0.21	-9.69	-64.61
	NORMAL	4,094.0	2.40	250.60	10,281.5	-24.21	-40.10	-24.21	0.47	0.21	10.53	68.56
	NORMAL	4,183.0	2.20	250.00	10,370.4	-25.41	-43.46	-25.41	0.23	-0.22	-0.67	-173.43
11/10/2009	NORMAL	4,275.0	2.20	240.10	10,462.3	-26.90	-46.65	-26.90	0.41	0.00	-10.76	-94.95
	NORMAL	4,372.0	2.20	242.60	10,559.2	-28.68	-49.92	-28.68	0.10	0.00	2.58	91.25
	NORMAL	4,459.0	2.20	243.50	10,646.2	-30.20	-52.90	-30.20	0.04	0.00	1.03	90.45
	NORMAL	4,469.0	2.00	236.10	10,656.2	-30.38	-53.21	-30.38	3.37	-2.00	-74.00	-130.07
	NORMAL	4,566.0	1.50	231.20	10,753.1	-32.12	-55.61	-32.12	0.54	-0.52	-5.05	-165.78
11/11/2009	NORMAL	4,659.0	1.30	227.30	10,846.1	-33.60	-57.33	-33.60	0.24	-0.22	-4.19	-156.47
	NORMAL	4,754.0	1.50	218.20	10,941.1	-35.30	-58.89	-35.30	0.31	0.21	-9.58	-52.64
	NORMAL	4,851.0	1.60	225.10	11,038.0	-37.26	-60.64	-37.26	0.22	0.10	7.11	65.30
11/12/2009	NORMAL	4,946.0	1.70	230.70	11,133.0	-39.09	-62.67	-39.09	0.20	0.11	5.89	61.01
	NORMAL	5,043.0	1.80	225.10	11,229.9	-41.07	-64.86	-41.07	0.20	0.10	-5.77	-62.50
	NORMAL	5,137.0	2.20	225.00	11,323.9	-43.39	-67.18	-43.39	0.43	0.43	-0.11	-0.55
	NORMAL	5,230.0	2.40	230.20	11,416.8	-45.90	-69.94	-45.90	0.31	0.22	5.59	48.84
	NORMAL	5,321.0	2.90	236.80	11,507.7	-48.38	-73.33	-48.38	0.64	0.55	7.25	34.72
	NORMAL	5,366.0	3.10	240.60	11,552.7	-49.60	-75.34	-49.60	0.63	0.44	8.44	46.75
11/15/2009	NORMAL	5,509.0	3.30	239.20	11,695.4	-53.61	-82.25	-53.61	0.15	0.14	-0.98	-22.04
	NORMAL	5,609.0	3.40	247.40	11,795.3	-56.22	-87.46	-56.22	0.49	0.10	8.20	82.32
11/16/2009	NORMAL	5,742.0	3.30	221.30	11,928.0	-60.61	-93.62	-60.61	1.14	-0.08	-19.62	-106.71
	NORMAL	5,786.0	3.20	220.60	11,972.0	-62.50	-95.26	-62.50	0.24	-0.23	-1.59	-158.70
	NORMAL	5,881.0	3.40	219.50	12,066.8	-66.68	-98.78	-66.68	0.22	0.21	-1.16	-18.12
	NORMAL	5,975.0	3.00	214.40	12,160.7	-70.86	-101.94	-70.86	0.52	-0.43	-5.43	-147.09
	NORMAL	6,070.0	3.00	216.90	12,255.5	-74.90	-104.84	-74.90	0.14	0.00	2.63	91.25
	NORMAL	6,163.0	2.90	215.20	12,348.4	-78.77	-107.65	-78.77	0.14	-0.11	-1.83	-139.66
	NORMAL	6,268.0	2.50	208.70	12,453.3	-82.95	-110.28	-82.95	0.48	-0.38	-6.19	-145.78
11/17/2009	NORMAL	6,349.0	2.40	208.00	12,534.2	-86.00	-111.93	-86.00	0.13	-0.12	-0.86	-163.69
	NORMAL	6,443.0	2.70	214.70	12,628.1	-89.55	-114.11	-89.55	0.45	0.32	7.13	48.20
	NORMAL	6,535.0	2.90	216.10	12,720.0	-93.22	-116.72	-93.22	0.23	0.22	1.52	19.58
11/18/2009	NORMAL	6,626.0	2.80	215.90	12,810.9	-96.88	-119.38	-96.88	0.11	-0.11	-0.22	-174.42
11/19/2009	NORMAL	7,029.0	3.80	212.60	13,213.2	-116.10	-132.34	-116.10	0.25	0.25	-0.82	-12.41
	NORMAL	7,182.0	3.50	182.50	13,365.9	-125.04	-135.28	-125.04	1.25	-0.20	-19.67	-113.72
	NORMAL	7,372.0	3.80	191.40	13,555.6	-137.01	-136.78	-137.01	0.34	0.16	4.68	66.59
11/20/2009	NORMAL	7,466.0	3.60	200.00	13,649.4	-142.83	-138.40	-142.83	0.63	-0.21	9.15	114.07
	NORMAL	7,559.0	3.80	199.10	13,742.2	-148.49	-140.41	-148.49	0.22	0.22	-0.97	-16.64
	NORMAL	7,652.0	3.70	200.40	13,835.0	-154.21	-142.46	-154.21	0.14	-0.11	1.40	140.27
	NORMAL	7,746.0	3.90	195.90	13,928.8	-160.13	-144.40	-160.13	0.38	0.21	-4.79	-58.41
	NORMAL	7,837.0	3.40	194.60	14,019.6	-165.72	-145.92	-165.72	0.56	-0.55	-1.43	-171.25
	NORMAL	7,931.0	3.60	199.90	14,113.4	-171.19	-147.63	-171.19	0.40	0.21	5.64	60.94
	NORMAL	8,025.0	3.40	203.90	14,207.2	-176.51	-149.77	-176.51	0.34	-0.21	4.26	131.30
11/21/2009	NORMAL	8,120.0	3.70	204.30	14,302.0	-181.88	-152.17	-181.88	0.32	0.32	0.42	4.92
	NORMAL	8,215.0	3.70	202.80	14,396.8	-187.50	-154.62	-187.50	0.10	0.00	-1.58	-90.75
	NORMAL	8,307.0	3.60	203.40	14,488.7	-192.89	-156.91	-192.89	0.12	-0.11	0.65	159.39
	NORMAL	8,497.0	3.30	202.80	14,678.3	-203.40	-161.40	-203.40	0.16	-0.16	-0.32	-173.44
	NORMAL	8,591.0	3.10	205.10	14,772.2	-208.20	-163.53	-208.20	0.25	-0.21	2.45	148.45
	NORMAL	8,681.0	3.10	208.20	14,862.0	-212.55	-165.71	-212.55	0.19	0.00	3.44	91.55

## 2.1.2 Survey Stations (Continued)

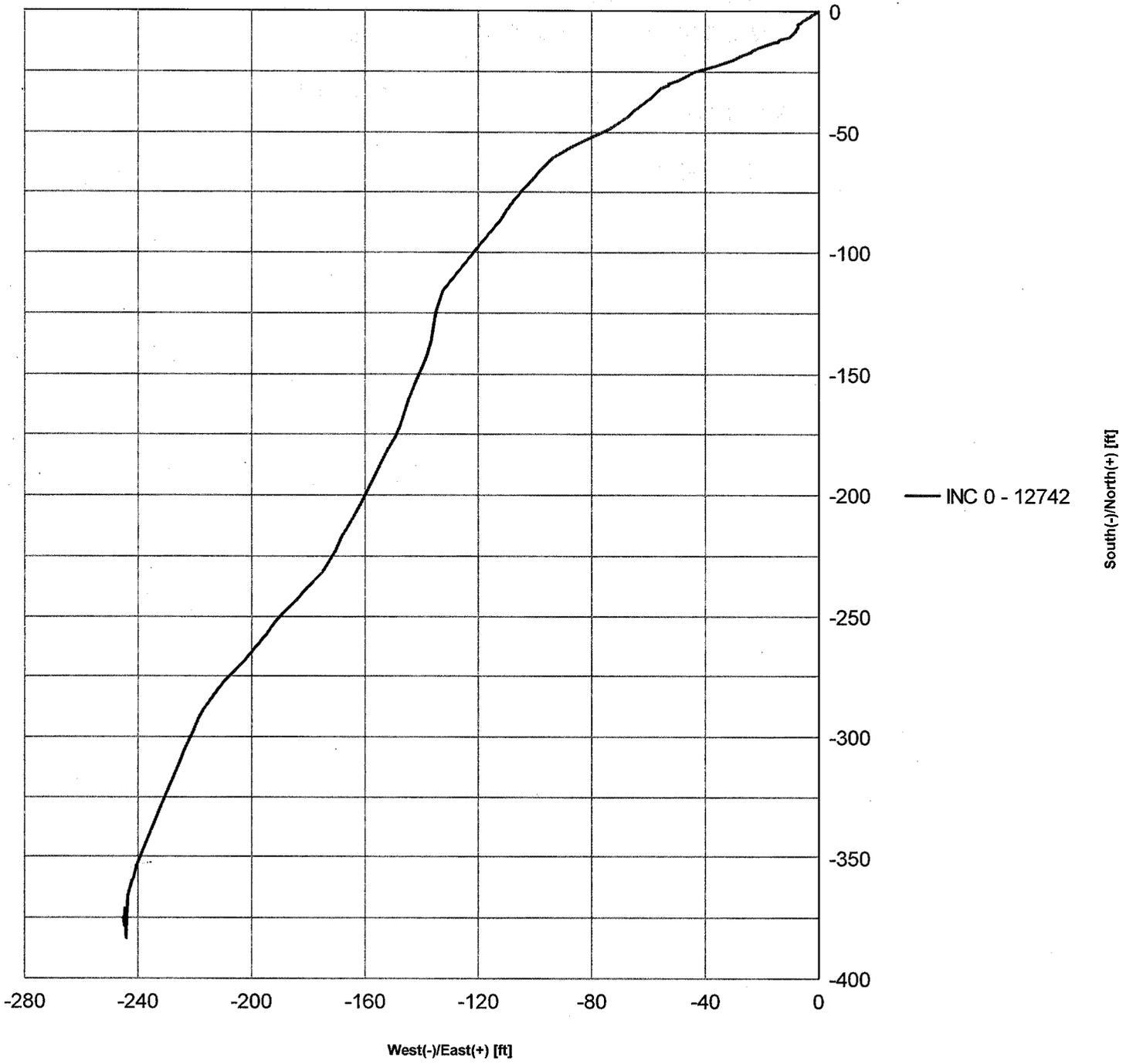
Date	Type	MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)	TFace (°)
11/21/2009	NORMAL	8,777.0	3.30	207.50	14,957.9	-217.29	-168.21	-217.29	0.21	0.21	-0.73	-11.40
	NORMAL	8,872.0	3.50	201.40	15,052.7	-222.41	-170.53	-222.41	0.43	0.21	-6.42	-64.13
11/22/2009	NORMAL	9,061.0	2.90	213.80	15,241.4	-231.76	-175.30	-231.76	0.48	-0.32	6.56	137.00
	NORMAL	9,156.0	2.60	220.20	15,336.3	-235.40	-178.03	-235.40	0.45	-0.32	6.74	137.50
	NORMAL	9,247.0	2.70	219.60	15,427.2	-238.63	-180.73	-238.63	0.11	0.11	-0.66	-15.80
	NORMAL	9,345.0	2.60	218.90	15,525.1	-242.14	-183.59	-242.14	0.11	-0.10	-0.71	-162.42
11/29/2009	NORMAL	9,479.0	2.70	218.70	15,659.0	-246.96	-187.47	-246.96	0.07	0.07	-0.15	-5.38
	NORMAL	9,574.0	2.60	216.70	15,753.9	-250.44	-190.16	-250.44	0.14	-0.11	-2.11	-138.24
	NORMAL	9,669.0	2.60	213.60	15,848.8	-253.96	-192.64	-253.96	0.15	0.00	-3.26	-91.55
	NORMAL	9,765.0	2.60	212.80	15,944.7	-257.61	-195.03	-257.61	0.04	0.00	-0.83	-90.40
	NORMAL	9,859.0	2.70	212.00	16,038.6	-261.27	-197.35	-261.27	0.11	0.11	-0.85	-20.70
11/30/2009	NORMAL	9,955.0	2.70	217.00	16,134.5	-265.00	-199.91	-265.00	0.25	0.00	5.21	92.50
	NORMAL	10,051.0	2.90	218.70	16,230.4	-268.70	-202.79	-268.70	0.23	0.21	1.77	23.40
	NORMAL	10,145.0	2.70	218.50	16,324.2	-272.29	-205.66	-272.29	0.21	-0.21	-0.21	-177.30
	NORMAL	10,241.0	3.00	219.40	16,420.1	-276.00	-208.66	-276.00	0.32	0.31	0.94	8.93
	NORMAL	10,336.0	2.90	212.60	16,515.0	-279.94	-211.53	-279.94	0.38	-0.11	-7.16	-109.32
12/1/2009	NORMAL	10,431.0	2.90	211.10	16,609.9	-284.03	-214.07	-284.03	0.08	0.00	-1.58	-90.75
	NORMAL	10,529.0	2.90	207.00	16,707.7	-288.36	-216.47	-288.36	0.21	0.00	-4.18	-92.05
	NORMAL	10,622.0	2.80	206.50	16,800.6	-292.49	-218.56	-292.49	0.11	-0.11	-0.54	-166.29
12/3/2009	NORMAL	10,717.0	2.90	200.30	16,895.5	-296.82	-220.42	-296.82	0.34	0.11	-6.53	-75.14
	NORMAL	10,907.0	3.00	199.40	17,085.3	-306.01	-223.74	-306.01	0.06	0.05	-0.47	-25.30
	NORMAL	11,002.0	3.10	200.30	17,180.1	-310.77	-225.46	-310.77	0.12	0.11	0.95	26.04
	NORMAL	11,098.0	2.90	197.70	17,276.0	-315.52	-227.10	-315.52	0.25	-0.21	-2.71	-147.06
	NORMAL	11,191.0	2.70	202.70	17,368.9	-319.78	-228.66	-319.78	0.34	-0.22	5.38	131.79
	NORMAL	11,288.0	2.60	198.00	17,465.8	-323.98	-230.22	-323.98	0.25	-0.10	-4.85	-117.05
	NORMAL	11,383.0	2.70	197.90	17,560.7	-328.16	-231.58	-328.16	0.11	0.11	-0.11	-2.70
12/5/2009	NORMAL	11,986.0	2.40	200.60	18,163.1	-353.49	-240.38	-353.49	0.05	-0.05	0.45	159.52
	NORMAL	12,103.0	2.50	193.10	18,280.0	-358.27	-241.82	-358.27	0.29	0.09	-6.41	-76.45
	NORMAL	12,140.0	2.40	191.30	18,316.9	-359.82	-242.16	-359.82	0.34	-0.27	-4.86	-143.32
	NORMAL	12,234.0	2.40	194.80	18,410.9	-363.65	-243.05	-363.65	0.16	0.00	3.72	91.75
12/6/2009	NORMAL	12,299.0	2.50	187.60	18,475.8	-366.37	-243.58	-366.37	0.50	0.15	-11.08	-75.62
	NORMAL	12,427.0	2.10	193.70	18,603.7	-371.41	-244.51	-371.41	0.37	-0.31	4.77	151.56
	NORMAL	12,523.0	2.40	182.70	18,699.6	-375.13	-245.02	-375.13	0.55	0.31	-11.46	-60.79
	NORMAL	12,615.0	2.10	161.10	18,791.6	-378.65	-244.56	-378.65	0.97	-0.33	-23.48	-120.06
12/7/2009	NORMAL	12,712.0	2.20	185.80	18,888.5	-382.18	-244.17	-382.18	0.95	0.10	25.46	96.28
	NORMAL	12,742.0	2.30	184.10	18,918.5	-383.36	-244.28	-383.36	0.40	0.33	-5.67	-34.57

### 3 Charts

#### 3.1 Vertical Section View



3.2 Plan View



**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:**  
DWR 3-32B5

**2. NAME OF OPERATOR:**  
EL PASO E&P COMPANY, LP

**9. API NUMBER:**  
43013342070000

**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:**  
1300 FSL 1173 FWL  
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**  
Qtr/Qtr: SWSW Section: 32 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/3/2011  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input 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="PU Optimization"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Please see attached operations summary for details.

<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 420-5038	<b>TITLE</b> Principle Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/21/2011	

## 1 General

### 1.1 Customer Information

Company	WESTERN
Representative	
Address	

### 1.2 Well Information

Well	HORROCKS 2-20A1 (#2V)		
Project	ALTAMONT FIELD	Site	HORROCKS 2-20A1 (#2V)
Rig Name/No.	NABORS DRILLING/919	Event	RECOMPLETE LAND
Start Date	11/18/2011	End Date	
Spud Date	11/5/1983	UWI	020-001-S 001-W 30
Active Datum	GROUND LEVEL @5,630.0ft (above Mean Sea Level)		
Afe No./Description	155667/43222 / HORROCKS 2-20A1 V		

## 2 Summary

### 2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
11/22/2011	6:00 7:30	1.50	MIRU	28		P		CT TGSM & JSA ( RIGGING UP )
	7:30 9:00	1.50	MIRU	01		P		RIG UP, RIG DOWN CONVENTIONAL UNIT.
	9:00 11:00	2.00	PRDHEQ	18		P		WORK PUMP OFF SEAT WHILE PUMPING DOWN CSG W/ HOT OIL UNIT.
	11:00 12:30	1.50	PRDHEQ	06		P		FLUSH TBG W/ 15 BBLS KCL, 1 DRUM P/S, 60 BBLS KCL.
	12:30 14:00	1.50	PRDHEQ	18		P		POOH L/D POLISH ROD, 16-1" EL RODS, TOO H W/ 98-1" EL RODS, POOH L/D 10-7/8" EO RODS, TOO H W/ 127-7/8" EL RODS, 136-3/4" POOH L/D 24-1" EL RODS, 2 1/2" X 1 1/4" X 28' ROD PUMP
	14:00 14:30	0.50	PRDHEQ	16		P		R/D WELLHEAD, C/O TO 2 7/8 TBG EQ.,
	14:30 15:30	1.00	PRDHEQ	16		P		NU 5K BOPE ( PRE TESTED @ NABORS OILTOOLS ) RU WORK FLOOR. ATTEMPTING TO RELEASE TAC TBG JUMPED APPEARED TO PART DEEP OR SHEAR TAC
15:30 18:00	2.50	PRDHEQ	18		P		R/U PRS, TOO H SCANNING 38 JTS 2 7/8 EUE TBG, POOH L/D 20 JTS 2 7/8 EUE TBG BAD, R/D PRS, SWIFN, EOT @ 8689	
11/23/2011	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA ( SCANNING TBG )
	7:30 15:00	7.50	PRDHEQ	39		P		TSIP @ VAC, CSIP @ 200 PSIG, BWD, COOH SCANNING 78 JTS 2-7/8" 8RD N-80 EUE TBG, L/D AND RETIRE SHEARED TAC, 7 JTS 2-7/8", +45 PSN, 6' PUP JT, 4-1/2 P.B.G.A , 1 JT, SOLID PLUG, 5-3/4" NO-GO, ( 90 TTL BAD JTS 2-7/8" ) RDMOL W/ PRS SCANNING EQ.,
	15:00 17:00	2.00	PRDHEQ	39		P		MU & RIH W/ 6" BIT, 7" CSG SCRAPER, X/O TO 2-7/8" EUE, 254 JTS 2-7/8" 8RD EUE PROD TBG, EOT @ 7730'.
11/24/2011	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA ( PU TBG ) CSIP @ 50 PSIG, TSIP @ 30 PSIG, BWD.
	7:30 11:00	3.50	PRDHEQ	24		P		PUMU & RIH W/ 96 JTS 2-7/8" 8RD EUE TBG, TO 10,800'.
	11:00 16:00	5.00	PRDHEQ	39		P		POOH W/ 350 JTS 2-7/8" 8RD EUE TBG. L/D & RETIRE 7" CSG SCRAPER & 6" BIT.
	16:00 17:00	1.00	STG01	18		P		MOLRU LONE WOLF WIRE LINE UNIT, RIH W/ GR/CCL LOG FROM 10,570' TO 9,630' ( CORRELATE WITH DUAL INDUCTION SFL & LITHO DENSITY LOG DATED 01/12/1984 AND TRANSFER PERFS )

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	17:00 22:00	5.00	STG01	21		P		RIH W/ 4 CONS 3-1/8" GUNS LOADED 3 SPF, 120 DEG PHASED W/ 22.7 GRAM PREMIUM CHARGES PERFORATE 10,558' TO 9637' (DEPTHS BASED ON DUAL INDUCTION SFL & LITHO DENSITY LOG DATED 01/12/1984) 87 NET FT 261 HOLES. ( PUMPING 2 BPM DOWN CSG WHILE PERFORATING NO PRESSURE CHANGES )
11/25/2011	6:00 6:00	24.00						SDFHWE
11/26/2011	7:00 12:00	5.00	INSTUB	18		P		MOL W/ WATKINS & JENKINS TRUCKING TGSM & JSA ( UNLOADING 3-1/2" TBG ) UNLOAD 345 JTS 3-1/2" TBG
11/27/2011	6:00 6:00	24.00						SDFWE
11/28/2011	6:00 6:00	24.00						SDFHWE
11/29/2011	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA ( PU 3-1/2" TBG )
	7:30 8:30	1.00	PRDHEQ	18		P		C/O TO 3-1/2" TBG EQ., CSIP @ 40 PSIG, BWD.
	8:30 19:00	10.50	PRDHEQ	39		P		PUMU & RIH W/ 7" PLUG, RET HEAD, 6' PUP JT., 7" PKR, 300 JTS 3-1/2" TBG EOT @ 9500' SWIFN CSDFN CT.
11/30/2011	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA ( PU 3-1/2" TBG )
	7:30 9:30	2.00	PRDHEQ	24		P		CIH W/ 3-1/2" TBG SET PLUG @ 10,570' POOH & SET PKR @ 10,160'
	9:30 10:30	1.00	STG01	06		P		FILL CSG W/ 255 BBLs KCL
	10:30 12:00	1.50	MIRU	01		P		MOL W/ PLATINUM ACID EQ., RU & PRESSURE TEST LINES & EQ.,
	12:00 13:00	1.00	STG01	35		P		BREAK DOWN STAGE 1 PERFS W/ @ 10 BPM @ 5400 PSI, TREAT STAGE 1 PERFS W/ 15,000 GAL 15% HCL W/ 135 BIO-BALLS FOR DIVERSION. AVE RATE @ 12.2 BPM @ AVE PRES 5490 MAX RATE 18 BPM @ 6238 PSIG. ISDP @ 2600 PSIG 5 MIN 1387 10 MIN 879 15 478 LET SOAK FOR 30 MIN PRES @ VAC.
	13:00 15:00	2.00	PRDHEQ	24		P		RELEASE PKR, RET PLUG POOH & SET PLUG @ 10,120' & PKR @ 9630'.
	15:00 16:30	1.50	STG02	35		P		BREAK DOWN STAGE 2 PERFS W/ @ 12 BPM @ 5000 PSI, TREAT STAGE 2 PERFS W/ 15,000 GAL 15% HCL W/ 126 BIO-BALLS FOR DIVERSION. AVE RATE @ 12.7 BPM @ AVE PRES 5367 MAX RATE 14 BPM @ 7000 PSIG. ISDP @ 2300 PSIG 5 MIN 2038 10 MIN 1983 15 1981 LET SOAK FOR 30 MIN PRES @ VAC.
	16:30 18:00	1.50	RDMO	02		P		RDMOL W/ PLATINUM ACID EQ.,
	18:00 6:00	12.00	FB	19		P		OPEN WELL @ 1800 PSIG ON 12/64 CHOKE FLOW BACK 244 BBLs WTR SIGNS OF OIL & GAS CURRENTLY FOWING @ 75 PSIG ON 16/48 CHOKE
12/1/2011	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA ( PUMP OPERATIONS )
	7:30 9:30	2.00	FB	19		P		OPEN WELL W/ NO CHOKE FLOW 50 ADDITIONAL BBLs
	9:30 11:30	2.00	PRDHEQ	06		P		RELEASE PKR @ 10,120' PUMP 20 BBLs BRINE DOWN TBG, INSTALL 3-1/2" WASHINGTON RUBBER, RIH RET PLUG @ 10,120'
	11:30 13:00	1.50	PRDHEQ	18		P		RELEASE PLUG ( HAD TROUBLE GETTING PLUG TO RELEASE )
	13:00 17:30	4.50	PRDHEQ	24		P		LAY DOWN 225 JTS 3-1/2" TBG EOT @ 3300' SWIFN CSDFN CT
12/2/2011	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA ( LAYING DOWN 3-1/2" TBG )
	7:30 11:00	3.50	PRDHEQ	24		P		TSIP & CSIP @ 50 PSIG, BWD, COOH LAYING DOWN 3-1/2" TBG, LAY DOWN & RETIRE PLUG & PKR.
	11:00 17:30	6.50	PRDHEQ	39		P		MU & RIH W/ 5-3/4" NO-GO SOLIG PLUG, 2 JTS 2-7/8", 4' PERF PUP JT., +45 PSN, RU 4-STAR HYDROTESTING BEG TESTING TBG TO 8500 PSIG 4 JTS, 7" TAC, 224 JTS 2-7/8" 8RD EUE TBG,EOT @ 7300' SWIFN CSDFN CT.
12/3/2011	6:00 7:30	1.50	PRDHEQ	28		P		CT TGSM & JSA ( HYDROTESTING TBG )

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	7:30 11:00	3.50	PRDHEQ	39		P		TSIP & CSIP @ 50 PSIG, BWD RU HYDROTESTING EQ., CIH TESTING 120 JTS 2-7/8" 8RD EUE TBG, RDMOL W/ 4-STAR TESTING EQ.,
	11:00 14:00	3.00	PRDHEQ	16		P		RD WORK FLOOR & TBG EQ., NIPPLE DOWN BOPE SET TAC @ 10,572', PSN @ 10,701' & EOT @ 10,772'. NU B-FLANGE W/ 25 K TENSION ON TBG.
	14:00 15:00	1.00	PRDHEQ	06		P		FLUSH TBG W/ 65 BBLS KCL.
	15:00 18:00	3.00	PRDHEQ	39		P		PU STROKE TEST 2-1/2" X 1-1/2" X 28' WALS RHBC INSTALL DIP TUBE PU 16 1-1/2" WT BARS, 184 3/4" ( TOP 47 NEW ) 127 7/8" RODS PU P-ROD SWIFN CSDFN CT.
12/4/2011	6:00 7:30	1.50	INARTLT	28		P		CT TGSM & JSA ( RIH W/ RODS )
	7:30 9:30	2.00	INARTLT	39		P		TSIP @ 50 PSIG BWD L/D P-ROD CIH W/ 100 1" RODS, SPACE OUT W/ 2' 6' 8' X 1" PONYS & 1-1/2" X 30' P-ROD DRESSED W/ 1-3/4" LINER F&T W/ 18 BBLS, L/S TO 1000 PSIG
	9:30 14:00	4.50	INARTLT	18		P		RU CONV UNIT, RD PUMP & RETURN LINES, RD PWOP MOL TO 1-34 A1

**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**

<b>FROM: (Old Operator):</b> N3065- El Paso E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002  Phone: 1 (713) 997-5038	<b>TO: ( New Operator):</b> N3850- EP Energy E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002  Phone: 1 (713) 997-5038
--	---

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

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- 4a. Is the new operator registered in the State of Utah:          Business Number: 2114377-0181
- 5a. (R649-9-2)Waste Management Plan has been received on:          Yes
- 5b. Inspections of LA PA state/fee well sites complete on:          N/A
- 5c. Reports current for Production/Disposition & Sundries on:          6/25/2012
6. **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
7. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on:          N/A
8. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on:          N/A
9. **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:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

4. (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: <b>Change of</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<b>Name/Operator</b>

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)

RECEIVED

JUN 25 2012

APPROVED 6/29/2012

Rachel Medina

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

(5/2009) 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

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	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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: DWR 3-32B5
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1300 FSL 1173 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 32 Township: 02.0S Range: 05.0W Meridian: U	9. API NUMBER: 43013342070000
5. PHONE NUMBER: 713 997-5038 Ext	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"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/21/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

EP plans to recomplete in Wasatch/LGR. Please see attached for details.

**Approved by the**  
**October 21, 2014**  
**Oil, Gas and Mining**

Date: \_\_\_\_\_  
 By: DeKQ

<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 997-5038	<b>TITLE</b> Principal Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/21/2014	

## **DWR 3-32B5 Recom Summary Procedure**

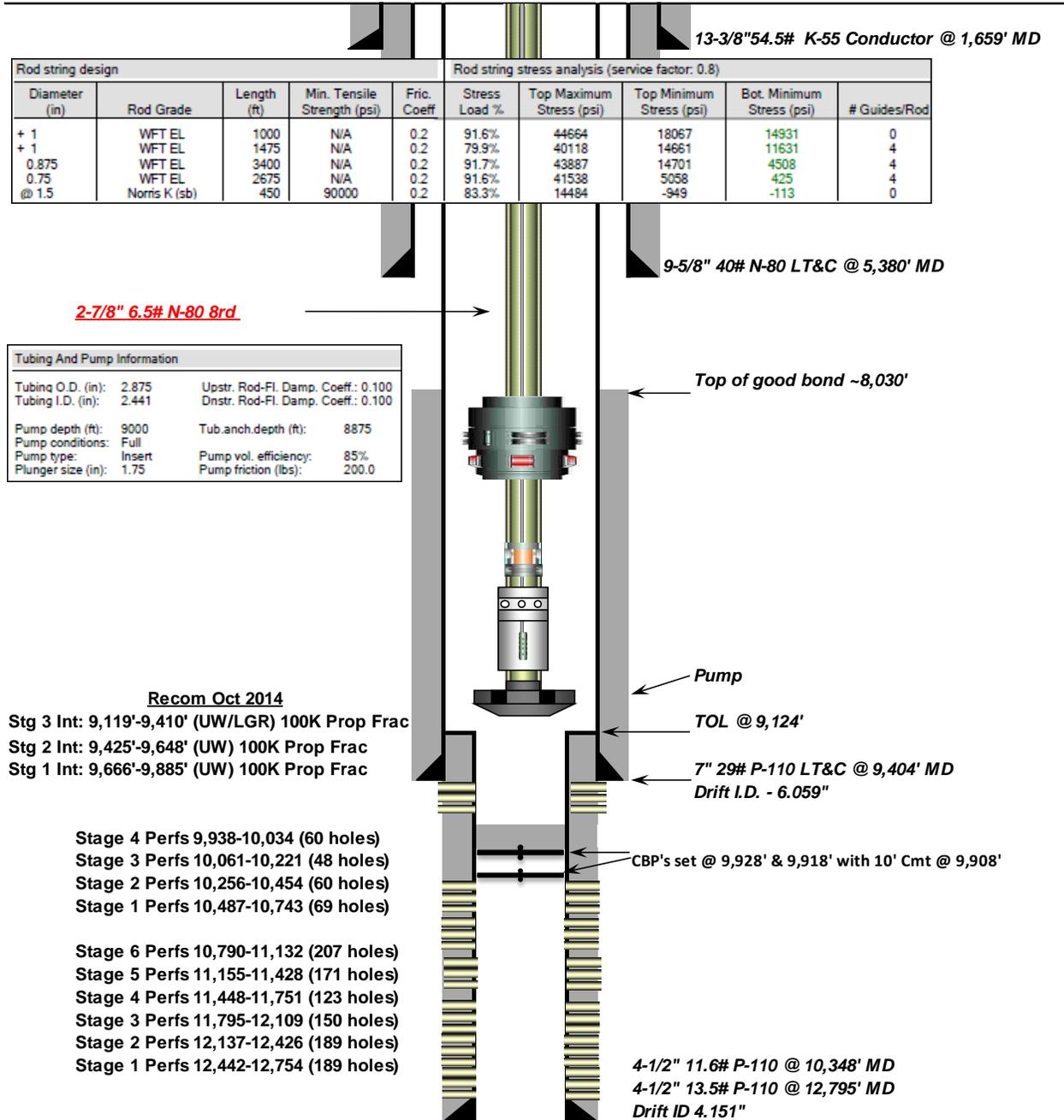
- POOH with rods, tubing string and pump, inspect/Repair/Re-furbish as needed and test to bring in working condition and put back on Rack. Replace any bad tubing.
- Circulate & Clean wellbore
- RIH with 4 1/2" CBPs, set plugs at ~9,928', set 2<sup>nd</sup> plug at ~9,918' dump bail 10' cement on top for new PBTD @ 9,908'
- Stage1:
  - Perforate new UW interval from ~9,666' – 10,885'
  - Prop frac perforations with 100,000 lbs of 30/50 resin coated sand (STAGE 1 Recom)
- Stage 2:
  - RIH with 4 1/2" CBP, set plug at ~9,658'
  - Perforate new UW interval from ~9,425' – 9,648'
  - Prop Frac 100,000 lbs of 30/50 resin coated sand (STAGE 2 Recom)
- Stage 3:
  - RIH with 4 1/2" CBP, set plug at ~9,415'
  - Perforate new UW/LGR Transition interval from ~9,119' – 9,410'
  - Prop Frac 100,000 lbs of 30/50 resin coated sand (STAGE 3 Recom)
- Clean out well drilling up 4 1/2" CBPs leaving CBP w/ 10' cmt @~9,908'.
- RIH w/tubing, pump & rods.
- Clean location and resume production.

**EP ENERGY**

**Pumping Schematic**

Company Name: El Paso Exploration & Production  
 Well Name: DWR 3-32B5  
 Field, County, State: Altamont - Bluebell, Duchesne, Utah  
 Surface Location: Lat: 40° 15' 35.172"N Long: 110° 28' 43.8954"W  
 Producing Zone(s): Wasatch

Last Updated: October 10, 2014  
 By: Mohammad Siddiqui  
 TD: 12795'  
 BHL: \_\_\_\_\_  
 Elevation: \_\_\_\_\_



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

AMENDED REPORT  FORM 8  
(highlight changes)

<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>		5. LEASE DESIGNATION AND SERIAL NUMBER:
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME
2. NAME OF OPERATOR:		8. WELL NAME and NUMBER:
3. ADDRESS OF OPERATOR: CITY _____ STATE _____ ZIP _____ PHONE NUMBER: _____		9. API NUMBER:
4. LOCATION OF WELL (FOOTAGES) AT SURFACE:  AT TOP PRODUCING INTERVAL REPORTED BELOW:  AT TOTAL DEPTH:		10 FIELD AND POOL, OR WILDCAT
		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
		12. COUNTY _____ 13. STATE <b>UTAH</b>

14. DATE SPUDDED:	15. DATE T.D. REACHED:	16. DATE COMPLETED: _____ ABANDONED <input type="checkbox"/> READY TO PRODUCE <input type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL):
18. TOTAL DEPTH: MD _____ TVD _____	19. PLUG BACK T.D.: MD _____ TVD _____	20. IF MULTIPLE COMPLETIONS, HOW MANY? *	21. DEPTH BRIDGE MD _____ PLUG SET: TVD _____
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)		23. WAS WELL CORED? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

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

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

**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					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

**28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.** Plugs @ 9928' & 9918' w 10' cmt (WL measurement)

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS: <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION	<input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS	<input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____	<input type="checkbox"/> DIRECTIONAL SURVEY	30. WELL STATUS:
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**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
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- 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

## CENTRAL DIVISION

ALTAMONT FIELD

DWR 3-32B5

DWR 3-32B5

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	DWR 3-32B5		
Project	ALTAMONT FIELD	Site	DWR 3-32B5
Rig Name/No.	PEAK/1100	Event	RECOMPLETE LAND
Start date	10/23/2014	End date	11/6/2014
Spud Date/Time	9/20/2009	UWI	031-002-S 005-W 30
Active datum	KB @6,222.3ft (above Mean Sea Level)		
Afe No./Description	163828/52613 / DWR 3-32B5		

**2 Summary****2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
10/24/2014	13:30 15:00	1.50	WOR	18		P		ROAD RIG TO LOC, SLIDE ROTO FLEX BACK SPOT IN RIG & RIG UP, WHILE PUMPING 100 BBLS 2% KCL DWN CSG
	15:00 18:30	3.50	WOR	39		P		WORK PUMP OFF SEAT, LAY DWN POLISH ROD & 1" SUBS, FLUSH RODS W/ 60 BBLS, TOOH W/ 95-1" & 136-7/8" RODS, PU POLISH ROD SECURE WELL SDFN
10/25/2014	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON TOOH W/ RODS, WRITE & REVIEW JSA'S
	7:30 9:00	1.50	WOR	39		P		LD POLISH ROD, TOOH W/ 106-3/4" RODS LAY DWN 18 WT BARS & 2-1/2" X 1-3/4" X 38' PUMP
	9:00 10:30	1.50	WOR	16		P		X OVER TO TBG EQUIP, NDWH NUBOP, RELEASE 7" TAC @ 8869'
	10:30 17:30	7.00	WOR	39		P		RU SCANNING EQUIP, SCAN OUT OF HOLE W/ 273 JTS 2-7/8" TBG, LD 7" TAC, 4 JTS 2-7/8" TBG, & LAY DWN PROD BHA, 183 JTS YELLOW BAND, 43 JTS BLUE BAND & 47 JTS RED BAND TBG, SECURE WELL SDFW
10/26/2014	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY SDFW
10/27/2014	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY SDFW
10/28/2014	6:00 7:30	1.50	WLWORK	28		P		CT HOLD SAFETY MTG ON WIRE LINE OPERATIONS WRITE & REVIEW JSA'S
	7:30 13:00	5.50	WLWORK	26		P		MIRU CUTTERS WIRE LINE, RIH W/ 3.75 GR/JB TO 9950', RIH SET CBP @ 9928', FILL CSG W/ 332 BBLS 2% KCL & PRESSURE UP TO 2000 PSI, SET 2nd CBP @ 9918', RIH & DUMP BAIL 10' CMT ON TOP OF CBP @ 9918', POOH RD WIRE LINE SECURE WELL SDFD
10/29/2014	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON NDBOP & NU FRAC STACK, WRITE & REVIEW JSA'S
	7:30 14:00	6.50	WOR	16		P		0 PSI ON CSG, RIG DWN TBG TONGS & WORK FLOOR, NDBOP, NU 7" 10 FRAC VALVE, 2- 5" 10K HCR VALVES, GOAT HEAD & WIRE LINE ADAPTER, TEST CSG TO 7600 PSI FOR 15 MIN GOOD TEST, TEST STACK TO 10,000 PSI FOR 15 MIN GOOD TEST, RU FLOW BACK LINES SECURE WELL SDFD
10/30/2014	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON WIRE LINE WORK, WRITE & REVIEW JSA'S

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	7:30 12:00	4.50	WLWORK	21		P		MIRU CUTTERS WIRE LINE, RIH & PERF STG 1 PERFS FROM 9885' TO 9666' USING 2-3/4" TAG-RTG OWEN SUPER HERO SDP GUNS, 15 GRAM CHARGES, 3SPF @ 120 DEG PHASING, STARTING PRESSURE 1000 PSI, ENDING 900 PSI, ALL PERFS CORRELATED TO THE LONE WOLF WIRE LINE CBL-CCL-GR RUN 1 ON 12/31/2009, SECURE WELL SDFN
10/31/2014	6:00 7:30	1.50	STG01	28		P		TRAVEL TO LOC, HOLD SAFETY MTG ON RU FRAC CREW, WRITE & REVIEW JSA'S
	7:30 15:30	8.00	MIRU	01		P		ROAD FRAC EQUIP TO LOC, WEATHERFORD MADE 3 TRIPS TO LOC TO GET ALL FRAC EQUIP ON LOC, SPOT IN & RU EQUIP
	15:30 17:00	1.50	STG01	35		P		TEST PUMP LINES TO 8444 PSI, OPEN WELL CSG PSI 86 PSI, BREAK DWN STG 1 PERFS @ 2854 PSI @ 5.4 BPM, STEP DWN RATE IN 4 STGS, ISIP 1956 PSI, 5 MIN 1785 PSI, 10 MIN 1692 PSI, F.G. .63, TREAT PERFS W/ 5000 GALS 15% ACID, 3000 LBS 100 MESH IN 1/2 PPG STG, 26,000 LBS THS 30/50 IN 1/2 LB & 1 LB IN SLICK WATER STGS & 74,000 LBS THS 30/50 IN 2 & 3 LB GELLED STGS, ISIP 2289 PSI, AVG RATE 77 BPM, MAX RATE 79 BPM, AVG PRESSURE 3178 PSI & MAX PRESSURE 4846 PSI, F.G. .67, 3061 BBLs TO RECOVER, SHUT WELL IN & TURN OVER TO WIRE LINE.
	17:00 19:30	2.50	STG02	21		P		RIH SET 4-1/2" CBP @ 9658', PERF STG 2 PERFS FROM 9648' TO 9425' USING 2-3/4" TAG-RTG GUNS, OWEN SUPER HERO 15 GM CHARGES, 2 SPF @ 120 DEG PHASING, STARTING PRESSURE 1900 PSI ENDING PRESSURE 1700 PSI, SECURE WELL SDFN
11/1/2014	6:00 7:30	1.50	STG02	28		P		CT HOLD SAFETY MTG ON HIGH PRESSURE LINES, WRITE & REVIEW JSA'S
	7:30 9:30	2.00	STG02	35		P		START EQUIP & WARM UP, TEST PUMP LINES TO 8200 PSI, OPEN WELL CSG PSI 557 PSI, BREAK DWN STG 2 PERFS @ 2745 PSI @ 13 BPM, STEP DWN RATE IN 4 STGS, ISIP 1980 PSI, 5 MIN 1780 PSI, 10 MIN 1554 PSI, F.G. .64, TREAT PERFS W/ 5000 GALS 15% ACID, 3000 LBS 100 MESH IN 1/2 PPG STG, 26,000 LBS THS 30/50 IN 1/2 LB & 1 LB IN SLICK WATER STGS & 74,000 LBS THS 30/50 IN 2 & 3 LB GELLED STGS, ISIP 2277 PSI, AVG RATE 75 BPM, MAX RATE 82 BPM, AVG PRESSURE 3109 PSI & MAX PRESSURE 4094 PSI, F.G. .67, 3080 BBLs TO RECOVER, SHUT WELL IN & TURN OVER TO WIRE LINE.
	9:30 11:30	2.00	STG03	21		P		RIH SET 4-1/2" CBP @ 9409', PERF STG 3 PERFS FROM 9399' TO 9119' USING 2-3/4" TAG-RTG GUNS, OWEN SUPER HERO 15 GM CHARGES, 3 SPF @ 120 DEG PHASING, IN 2 RUNS, STARTING PRESSURE 2100 PSI & ENDING PRESSURE 1900 PSI, SECURE WELL & TURN OVER TO FRAC CREW
	11:30 13:00	1.50	STG03	35		P		TEST PUMP LINES TO 8299 PSI, OPEN WELL CSG PSI 1830 PSI, BREAK DWN STG 3 PERFS @ 2009 PSI @ 4 BPM, STEP DWN RATE IN 4 STGS, ISIP 2191 PSI, 5 MIN 2009 PSI, 10 MIN 1944 PSI, F.G. .67, TREAT PERFS W/ 5000 GALS 15% ACID, 3000 LBS 100 MESH IN 1/2 PPG STG, 26,000 LBS THS 30/50 IN 1/2 LB & 1 LB IN SLICK WATER STGS & 74,000 LBS THS 30/50 IN 2 & 3 LB GELLED STGS, ISIP 2273 PSI, AVG RATE 74 BPM, MAX RATE 76 BPM, AVG PRESSURE 3273 PSI & MAX PRESSURE 4408 PSI, F.G. .68, 3097 BBLs TO RECOVER, SHUT WELL IN
	13:00 15:00	2.00	RDMO	02		P		RIG DWN FRAC CREW & WIRE LINE CREW & MOVE OFF LOCATION
	15:00 6:00	15.00	FB	19		P		OPEN WELL TO FLOW BACK TANK @ 1500 PSI, ON 14/64 CHOKE, TURN WELL OVER TO FLOW BACK CREW, CURRENT PSI IS 0 PSI, FLOWED 351 BBLs WATER, RELEASE FLOW BACK CREW
11/2/2014	7:00 6:00	24.00	WOR	18		P		NO ACTIVITY SDFW

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
11/3/2014	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY SDFW
11/4/2014	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON NDFRAC VALVE & NUBOP, WRITE & REVIEW JSA'S
	7:30 9:00	1.50	WOR	16		P		0 PSI ON WELL, ND 7" 10K FRAC VALVE, NU 5K BOP, WELL BLEW IN
	9:00 11:00	2.00	WOR	15		P		HOOK UP PUMP LINES, PUMP 200 BBLS BRINE DWN CSG
	11:00 17:00	6.00	WOR	24		P		MU & RIH W/ 3-3/4" ROCK BIT, 2-3/8" REG X 2-3/8" EUE BIT SUB, TALLY & PU 29 JTS 2-3/8" WORK STRING TBG, 2-7/8" X 2-3/8" EUE X OVER, TALLY & RIH OUT OF DERRICK W/ 183 JTS 2-7/8" YELLOW BAND TBG, TALLY & PU 68 JTS NEW 2-7/8" EUE L-80 TBG, PUMPING KILL DWN TBG AS NEEDED, EOT @ 9088' SECURE WELL SDFN
11/5/2014	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON RU POWER SWIVEL WRITE & REVIEW JSA'S
	7:30 10:00	2.50	WOR	24		P		75 PSI ON TBG, BLOW DWN & PUMP 20 BBLS DWN TBG, CONT TALLYING, PU & RIH W/ 18 JTS 2-7/8" EUE L-80 TBGTAG CBP @ 9409', RU POWER SWIVEL
	10:00 16:30	6.50	WOR	10		P		BEGIN CIRCULATING, DRILL OUT 4-1/2" CBP @ 9409', SWIVEL DWN & TAG SAND @ 9598', CIRC SAND OUT & DRILL OUT 4-1/2" CBP @ 9658', SWIVEL DWN & CIRC SAND OUT FROM 9680' TO NEW PBTD @ 9816' TBGM', CIRC WELL CLEAN
	16:30 17:30	1.00	WOR	39		P		RIG DWN POWER SWIVEL, TOOH W/ 24 JTS 2-7/8" EUE L-80 TBG, EOT @ 9099' SECURE WELL, DRAIN PUMP & HARD LINE SDFN
11/6/2014	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON TOOH W/ TBG, WRITE & REVIEW JSA'S
	7:30 8:30	1.00	WOR	15		P		SITP 75 PSI, CSG 75 PSI, PUMP 40 BBLS 2% KCL DWN TBG
	8:30 12:30	4.00	WOR	39		P		TOOH W/ 251 JTS 2-7/8" EUE L-80 TBG, LAY DWN 2-7/8" X 2-3/8" EUE X OVER, 29 JTS 2-3/8" WORK STRING TBG, BIT SUB & 3-3/4" BIT
	12:30 15:30	3.00	WOR	39		P		MU & RIH W/ 5-3/4" NO-GO, 2-7/8" SOLID PLUG, 2 JTS 2-7/8" TBG, 5-1/2" PBGA, 2' X 2-7/8" EUE N-80 TBG SUB, 2-7/8" + 45P.S.N., 4' X 2-7/8" EUE N-80 TBG SUB, 4 JTS 2-7/8" EUE L-80, 7" TAC & 271 JTS 2-7/8" EUE L-80 TBG
	15:30 17:30	2.00	WOR	16		P		SET 7" TAC @ 8898', P.S.N. @ 9015' & EOT @ 9018', TEMPORARILY, LAND TBG ON HANGER, RIG DWN WORK FLOOR, NDBOP, LD TBG HANGER & 6' X 2-7/8" TBG SUB, LAND TBG ON 10K B-FLANGE IN 23K TENSION, NUWH, CHANGE OVER TO ROD EQUIP, RACK OUT PUMP & TANK, SECURE WELL SDFN
11/7/2014	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON P.U. ROD PUMP SAFELY WRITE & REVIEW JSA'S
	7:30 8:30	1.00	WOR	18		P		FLUSH TBG W/ 65 BBLS 2% KCL
	8:30 11:30	3.00	WOR	39		P		PU PRIME & RIH W/ 2-1/2" X 1-3/4" X 38" RHBC H.V.R. 2 STAGE PUMP, PU 18, 1-1/2" WT BARS, RIH W/ 107 3/4" RODS W/G, 136-7/8" W/G, 94-1/2" RODS, SPACE OUT W/ 8', 6', 4', 2' X 1" PONY RODS & NEW 1-1/2" X 40' POLISH ROD
	11:30 14:00	2.50	WOR	13		P		SEAT PUMP, FILL TBG W/ 5 BBLS 2% KCL STROKE TEST TO 1000 PSI GOOD TEST, RIG DWN RIG SLIDE IN P.U. HANG OFF RODS TWOTP, PU LOCATION & MOVE OUT

**Table of Contents**

1	General.....	1
1.1	Customer Information.....	1
1.2	Well Information.....	1
2	Summary.....	1
2.1	Operation Summary.....	1

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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: DWR 3-32B5
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013342070000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1300 FSL 1173 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 32 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: 2/11/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Drill Out Plugs"/>

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

CBPs @ 9,950'; 9,928' & 9,918'

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

Date: \_\_\_\_\_  
 By: DeKQ

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE	
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>2. NAME OF OPERATOR:</b> EP ENERGY E&P COMPANY, L.P.		<b>8. WELL NAME and NUMBER:</b> DWR 3-32B5	
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana , Houston, TX, 77002		<b>9. API NUMBER:</b> 43013342070000	
<b>PHONE NUMBER:</b> 713 997-5038 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1300 FSL 1173 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 32 Township: 02.0S Range: 05.0W Meridian: U		<b>COUNTY:</b> DUCHESNE	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/14/2015  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input 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="DO Plugs"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>Drilled through plug @ 9918'. Tagged 2nd plug @ 9928' and fell through. Tagged fill @ 12624 and drilled through some fill. Open perms 10790'-12754', 9938'-10034' and 9150'-9885'. See attached for details.</p>			
<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 09, 2015</b></p>			
<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 997-5038	<b>TITLE</b> Principal Regulatory Analyst	
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/9/2015		

## CENTRAL DIVISION

ALTAMONT FIELD

DWR 3-32B5

DWR 3-32B5

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.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
11/3/2014	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY SDFW
11/4/2014	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON NDFRAC VALVE & NUBOP, WRITE & REVIEW JSA'S
	7:30 9:00	1.50	WOR	16		P		0 PSI ON WELL, ND 7" 10K FRAC VALVE, NU 5K BOP, WELL BLEW IN
	9:00 11:00	2.00	WOR	15		P		HOOK UP PUMP LINES, PUMP 200 BBLS BRINE DWN CSG
	11:00 17:00	6.00	WOR	24		P		MU & RIH W/ 3-3/4" ROCK BIT, 2-3/8" REG X 2-3/8" EUE BIT SUB, TALLY & PU 29 JTS 2-3/8" WORK STRING TBG, 2-7/8" X 2-3/8" EUE X OVER, TALLY & RIH OUT OF DERRICK W/ 183 JTS 2-7/8" YELLOW BAND TBG, TALLY & PU 68 JTS NEW 2-7/8" EUE L-80 TBG, PUMPING KILL DWN TBG AS NEEDED, EOT @ 9088' SECURE WELL SDFN
11/5/2014	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON RU POWER SWIVEL WRITE & REVIEW JSA'S
	7:30 10:00	2.50	WOR	24		P		75 PSI ON TBG, BLOW DWN & PUMP 20 BBLS DWN TBG, CONT TALLYING, PU & RIH W/ 18 JTS 2-7/8" EUE L-80 TBGTAG CBP @ 9409', RU POWER SWIVEL
	10:00 16:30	6.50	WOR	10		P		BEGIN CIRCULATING, DRILL OUT 4-1/2" CBP @ 9409', SWIVEL DWN & TAG SAND @ 9598', CIRC SAND OUT & DRILL OUT 4-1/2" CBP @ 9658', SWIVEL DWN & CIRC SAND OUT FROM 9680' TO NEW PBTD @ 9816' TBGM', CIRC WELL CLEAN
	16:30 17:30	1.00	WOR	39		P		RIG DWN POWER SWIVEL, TOOH W/ 24 JTS 2-7/8" EUE L-80 TBG, EOT @ 9099' SECURE WELL, DRAIN PUMP & HARD LINE SDFN
11/6/2014	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON TOOH W/ TBG, WRITE & REVIEW JSA'S
	7:30 8:30	1.00	WOR	15		P		SITP 75 PSI, CSG 75 PSI, PUMP 40 BBLS 2% KCL DWN TBG
	8:30 12:30	4.00	WOR	39		P		TOOH W/ 251 JTS 2-7/8" EUE L-80 TBG, LAY DWN 2-7/8" X 2-3/8" EUE X OVER, 29 JTS 2-3/8" WORK STRING TBG, BIT SUB & 3-3/4" BIT
	12:30 15:30	3.00	WOR	39		P		MU & RIH W/ 5-3/4" NO-GO, 2-7/8" SOLID PLUG, 2 JTS 2-7/8" TBG, 5-1/2" PBGA, 2' X 2-7/8" EUE N-80 TBG SUB, 2-7/8" + 45P.S.N., 4' X 2-7/8" EUE N-80 TBG SUB, 4 JTS 2-7/8" EUE L-80, 7" TAC & 271 JTS 2-7/8" EUE L-80 TBG
	15:30 17:30	2.00	WOR	16		P		SET 7" TAC @ 8898', P.S.N. @ 9015' & EOT @ 9018', TEMPORARILY, LAND TBG ON HANGER, RIG DWN WORK FLOOR, NDBOP, LD TBG HANGER & 6' X 2-7/8" TBG SUB, LAND TBG ON 10K B-FLANGE IN 23K TENSION, NUWH, CHANGE OVER TO ROD EQUIP, RACK OUT PUMP & TANK, SECURE WELL SDFN
11/7/2014	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON P.U. ROD PUMP SAFELY WRITE & REVIEW JSA'S
	7:30 8:30	1.00	WOR	18		P		FLUSH TBG W/ 65 BBLS 2% KCL
	8:30 11:30	3.00	WOR	39		P		PU PRIME & RIH W/ 2-1/2" X 1-3/4" X 38" RHBC H.V.R. 2 STAGE PUMP, PU 18, 1-1/2" WT BARS, RIH W/ 107 3/4" RODS W/G, 136-7/8" W/G, 94-1/1" RODS, SPACE OUT W/ 8', 6', 4', 2' X 1" PONY RODS & NEW 1-1/2" X 40' POLISH ROD
	11:30 14:00	2.50	WOR	13		P		SEAT PUMP, FILL TBG W/ 5 BBLS 2% KCL STROKE TEST TO 1000 PSI GOOD TEST, RIG DWN RIG SLIDE IN P.U. HANG OFF RODS TWOTP, PU LOCATION & MOVE OUT
8/7/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC-HAND PLACEMENT
	7:00 8:00	1.00	UNINARTLT	03		P		ATTEMPT TO UNSEAT PUMP. UNSUCCESSFUL. PART RODS.
	8:00 10:00	2.00	WOR	39		P		POOH W 96-1" EL RODS AND 135-7/8" EL RODS. FIND PART @ 2ND 3/4" EL ROD @ 5,800' (BODY BREAK).
	10:00 14:00	4.00	WOR	48		P		TEST BOPS.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	14:00 17:30	3.50	WOR	39		P		POOH W 180 JTS 2 7/8" PRODUCTION TBG. GET TO ROD PART. INSTALL TIW, SHUT PIPE RAMS AND SECURE WELL. SDFD.
8/8/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM. WRITE AND REVIEW JSA. TOPIC - PINCH POINTS.
	7:00 9:00	2.00	WOR	39		P		BACK OFF RODS. POOH STANDING BACK RODS. BACKED OFF AT 11 OF 18 SINKER BARS.
	9:00 10:45	1.75	WOR	39		P		POOH W TBG AND STRIP OUT WITH SINKER BARS. LAY DOWN PRODUCTION BHA.
	10:45 16:00	5.25	WOR	39		P		PU 3 3/4" MILL, BAILER ASSEMBLY, 119 JTS 2 3/8" TBG, 160 JTS 2 7/8" PRODUCTION TBG. EOT @ 9052'. INSTALL TIW, SHUT PIPE RAMS AND SECURE WELL. SDFW.
8/11/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA.
	7:00 8:30	1.50	WOR	39		P		TIH W 2 7/8" TBG. TAG CBP @ 9,918'.
	8:30 13:00	4.50	WOR	04		P		RU POWERSWIVEL. DRILL AND BAIL ON CBP. DRILL THRU FIRST PLUG AND TAG 2ND @ 9,928'. FALL THROUGH.
	13:00 14:00	1.00	WOR	39		P		TIH W 2 7/8" TBG. TAG FILL @12,624'.
	14:00 17:00	3.00	WOR	04		P		RU POWERSWIVEL. DRILL AND BAIL ON FILL. MAKE NO HOLE. TOOL STILL STROKING.
	17:00 18:00	1.00	WOR	39		P		POOH ABOVE LINER TOP TO 9,056'.INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL. SDFD.
8/12/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC - PINCH POINTS/HAND PLACEMENT AND PROTECTION.
	7:00 9:00	2.00	WOR	39		P		TIH W 2 7/8" TBG. TAG FILL @ 12,634'. RU POWERSWIVEL.
	9:00 10:30	1.50	WOR	04		P		DRILL ON CBP. 2ND ATTEMPT TO STROKE BAILER, BAILER STUCK IN OPEN POSITION. ATTEMPT TO WORK, NO SUCCESS. RD POWERSWIVEL.
	10:30 13:30	3.00	WOR	39		P		POOH STANDING BACK 2 7/8" AND 2 3/8" TBG. LAY DOWN BAD BAILER TOOLS.
	13:30 16:00	2.50	WOR	39		P		PU NEW 3 3/4" BIT AND BAILER TOOLS. TIH PU 119 JTS 2 3/8" TBG AND 160 JTS 2 7/8" TBG. INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL. EOT @9,000'.
8/13/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC-PLACEMENT OF FOOTING.
	7:00 8:00	1.00	WOR	39		P		TIH PU TBG. TAG FILL @ 12,634'. RU POWERSWIVEL.
	8:00 10:30	2.50	WOR	04		P		DRILL AND BAIL ON FILL. MAKE 12'. CONTINUE TO DRILL, MAKE NO HOLE. BAILER STUCK IN OPEN POSITION. WORK TO CLOSE, UNSUCCESSFUL.
	10:30 13:00	2.50	WOR	06		P		PUMP 475 BBLs TO ESTABLISH CIRC. NO SUCCESS.
	13:00 16:00	3.00	WOR	39		P		POOH STANDING BACK 119 JTS 2 3/8" AND 274 JTS 2 7/8" TBG. LAY DOWN BAD BAILER.
	16:00 18:00	2.00	WOR	39		P		PU NEW BAILER AND 3 3/4" MILL AND TIH W 119 JTS 2 3/8" AND 144 JTS 2 7/8" TBG. INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL. SDFD.
8/14/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC-FOOT PLACEMENT.
	7:00 8:00	1.00	WOR	39		P		TIH W 2 7/8" TBG. TAG FILL @ 12,646'. RU POWERSWIVEL.
	8:00 11:15	3.25	WOR	04		P		DRILL AND BAIL ON FILL. MAKE 18' IN FIRST 30 MIN. ATTEMPT TO MAKE HOLE, VERY STICKY. MAKE NO ADDITIONAL HOLE.
	11:15 15:30	4.25	WOR	39		P		POOH STANDING BACK 274 JTS 2 7/8", LAY DOWN 119 JTS 2 3/8" TBG, BAILER ASSEMBLY AND MILL.
	15:30 18:00	2.50	WOR	39		P		PU SOLID PLUG, 5 3/4" NO GO, 2 JTS 2 7/8" TBG, 5 1/2" X 32" PBGA, 2' 2 7/8" SUB, SN, 4' 2 7/8" SUB, 4 JTS 2 7/8" TBG, TAC AND TIH HYDRO TESTING 60 JTS 2 7/8" TBG. EOT @ 4190'. INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL. SDFD.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
8/15/2015	6:00 7:30	1.50	WOR	28		P		CT HOLD SAFETY MTG ON HYDRO TESTING TBG, WRITE & REVIEW JSA'S
	7:30 11:00	3.50	WOR	39		P		0 PSI ON WELL, CONT TIH W/ 211 JTS 2-7/8" EUE L-80 TBG, HYDROTESTING TO 8500 PSI ALL TEST ED GOOD, RIG DWN HYDRO TEST EQUIP
	11:00 13:00	2.00	WOR	16		P		SET 7" TAC @ 8873', P.S.N. @ 9006' & EOT @ 9113', TEMP LAND TBG ON HANGER, RD WORK FLOOR NDBOP, POOH W/ TBG HANGER & 6' TBG SUB, LAND TBG ON 10K B-FLANGE IN 23K TENSION, NUWH & FLOW LINES, FLUSH TBG W/ 65 BBLS TREATED 2% KCL
	13:00 16:30	3.50	INARTLT	03		P		PU PRIME & RIH W/ 2-1/2" X 1-3/4" X 37' RHBC PUMP, 18, 1-1/2" WT BARS, 106-3/4", 135-7/8" & 96-1" RODS CHECKING ALL BREAKS, SPACE RODS OUT W/ 6', 4', 2' X 1" PONY RODS & NEW 1-1/2" X 40' POLISH ROD, SEAT PUMP
	16:30 18:00	1.50	INARTLT	03		P		FILL TBG W/ 34 BBLS, TEST TBG TO 1000 PSI & STROKE TEST PUMP GOOD TEST, RIG DWN RIG SLIDE IN P.U. HANG OFF RODS, STROKE TEST P.U. TURN WELL OVER TO PRODUCTION, PU LOCATION SDFN

**Table of Contents**

1	General.....	1
1.1	Customer Information.....	1
1.2	Well Information.....	1
2	Summary.....	1
2.1	Operation Summary.....	1