

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>					<b>1. WELL NAME and NUMBER</b> Dye 2-28A1		
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>					<b>3. FIELD OR WILDCAT</b> ALTAMONT		
<b>4. TYPE OF WELL</b> Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>					<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>		
<b>6. NAME OF OPERATOR</b> EL PASO E&P COMPANY, LP					<b>7. OPERATOR PHONE</b> 303 291-6417		
<b>8. ADDRESS OF OPERATOR</b> 1099 18th ST, STE 1900 , Denver, CO, 80202					<b>9. OPERATOR E-MAIL</b> marie.okeefe@elpaso.com		
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE</b>		<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> R Garold and Carol E Dye					<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b> 435.722.3197		
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> Rt 1 Box 1080, Roosevelt, UT 84066					<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>		
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>	
<b>LOCATION AT SURFACE</b>	729 FSL 1100 FWL	SWSW	28	1.0 S	1.0 W	U	
<b>Top of Uppermost Producing Zone</b>	729 FSL 1100 FWL	SWSW	28	1.0 S	1.0 W	U	
<b>At Total Depth</b>	729 FSL 1100 FWL	SWSW	28	1.0 S	1.0 W	U	
<b>21. COUNTY</b> DUCHESNE		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 729		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640			
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 2050		<b>26. PROPOSED DEPTH</b> MD: 14200 TVD: 14200			
<b>27. ELEVATION - GROUND LEVEL</b> 5257		<b>28. BOND NUMBER</b> 400JU0708		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Roosevelt City Municipal Water			

**ATTACHMENTS**

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

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

<b>NAME</b> Marie Okeefe	<b>TITLE</b> Sr Regulatory Analyst	<b>PHONE</b> 303 291-6417
<b>SIGNATURE</b>	<b>DATE</b> 06/25/2009	<b>EMAIL</b> marie.okeefe@elpaso.com
<b>API NUMBER ASSIGNED</b> 43013500660000	<b>APPROVAL</b>   Permit Manager	

**Proposed Hole, Casing, and Cement**

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

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<b>Proposed Hole, Casing, and Cement</b>						
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Top (MD)</b>	<b>Bottom (MD)</b>		
I1	8.75	7	0	10138		
<b>Pipe</b>	<b>Grade</b>	<b>Length</b>	<b>Weight</b>			
	Grade P-110 LT&C	10138	26.0			

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<b>Proposed Hole, Casing, and Cement</b>						
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Top (MD)</b>	<b>Bottom (MD)</b>		
Prod	6.125	4.5	9938	14200		
<b>Pipe</b>	<b>Grade</b>	<b>Length</b>	<b>Weight</b>			
	Grade P-110 LT&C	4262	13.5			

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**Proposed Hole, Casing, and Cement**

<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Top (MD)</b>	<b>Bottom (MD)</b>		
Surf	12.25	9.625	0	6984		
<b>Pipe</b>	<b>Grade</b>	<b>Length</b>	<b>Weight</b>			
	Grade N-80 LT&C	6984	40.0			

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

**DYE 2-28A1  
SECTION 28, T1S, R1W, U.S.B.&M.**

**PROCEED WEST AND NORTHWESTERLY ON A PAVED STATE ROAD 121 FROM THE INTERSECTION OF STATE HIGHWAY 40 AND 200 NORTH STREET, ROOSEVELT, UTAH APPROXIMATELY 4.18 MILES TO AN INTERSECTION;**

**TURN RIGHT ON NORTH CRESCENT ROAD AND TRAVEL EAST THEN NORTH 1.60 MILES TO THE ACCESS ROAD;**

**TURN RIGHT AND FOLLOW ROAD FLAGS EAST AND NORTH 0.33 MILES TO THE PROPOSED LOCATION.**

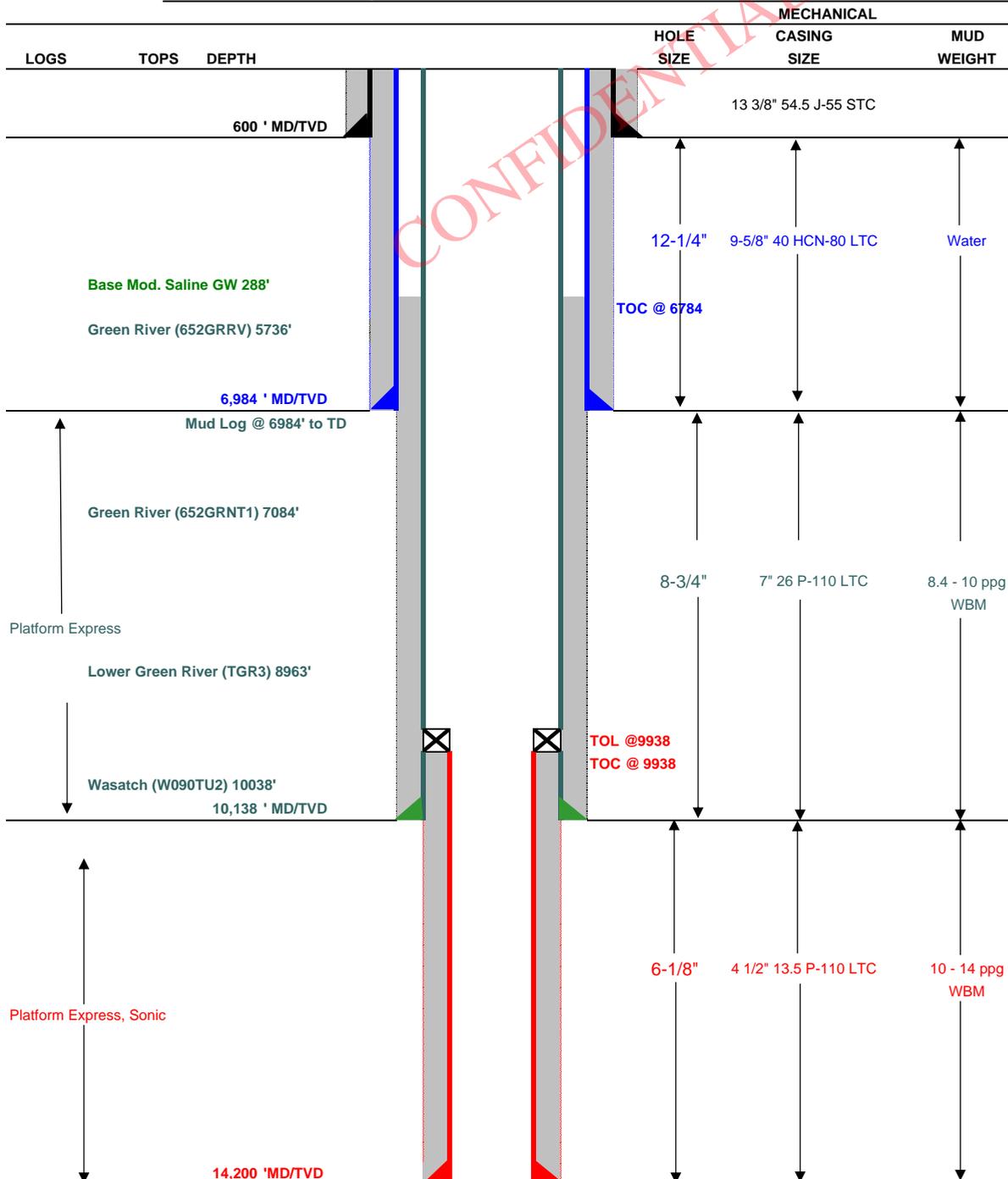
**TOTAL DISTANCE FROM ROOSEVELT, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 6.11 MILES.**

**CONFIDENTIAL**



Drilling Schematic

<b>Company Name:</b> El Paso Exploration & Production	<b>Date:</b> August 14, 2009
<b>Well Name:</b> Dye 2-28A1	<b>TD:</b> 14,200
<b>Field, County, State:</b> Altamont - Bluebell, Duchesne, Utah	<b>AFE #:</b>
<b>Surface Location:</b> Sec 28 T1S R1W 729' FSL 1100' FWL	<b>BHL:</b> Straight Hole
<b>Objective Zone(s):</b> Green River, Wasatch	<b>Elevation:</b> 5288
<b>Rig:</b> Precision drilling 426	<b>Spud (est.):</b>
<b>BOPE Info:</b> 5.0 x 13 3/8 rotating head from 600 to 6984 11 5M BOP stack and 5M kill lines and choke manifold used from 6984 to 10138 & 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 10138 to TD	



**DRILLING PROGRAM**

**CASING PROGRAM**

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0' - 600	54.5	J-55	STC	2,730 5.69	1,130 4.06	1,399 42.78
SURFACE	9-5/8"	0' - 6984	40.00	HCN-80	LTC	5,750 1.03	4,230 1.29	737 2.15
INTERMEDIATE	7"	0' - 10138	26.00	P-110	LTC	9,950 1.23	6,230 1.18	639 1.98
PRODUCTION LINER	4 1/2"	9938' - 14200	13.50	P-110	LTC	12,410 4.20	10,680 1.03	338 2.33

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		600	Class G + 3% CaCl <sub>2</sub>	400	10%	15.6 ppg	1.15
SURFACE	Lead	6,484	Premium Lite II Plus, 2% CaCl <sub>2</sub> 0.3% FL5 0.5% Sodium Metasilicate	1270	100%	11.0 ppg	3.2
	Tail	500	Class G 50:50 poz, 2% CaCl <sub>2</sub> , 2% gel 0.3% sodium metasilicate	260	100%	14.1 ppg	1.25
INTERMEDIATE	Lead	2,854	CemCRETE Blend 5.9/44.1 (D961/D124) + 0.2 %bwob D65 + 0.2 %bwob D46 + 0.4 %bwob D13 + 0.2 %bwob D167	180	35%	11.5 ppg	3.30
	Tail	500	10:0 RFC (Class G)	50	35%	12.5 ppg	2.30
PRODUCTION LINER		4,262	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	270	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

**DYE 2-28A1  
SW SW Sec. 28, T1S, R1W  
DUCHESNE COUNTY, UT**

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

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

<u>Formation</u>	<u>Depth</u>
Green River	7,084
Mahogany Bench	7,754'
L. Green River	8,963'
Wasatch	10,038'
TD	14,200'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	7,084'
	Mahogany Bench	7,754'
Oil	L. Green River	8,963'
Oil	Wasatch	10,038'

**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" Smith Rotating Head from 600' to 6,984' on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 6,984' to 10,138'. An 11.0", 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 10,138' to 14,200'.

The BOPE and related equipment will meet the requirements of the 5M and 10M system.

**OPERATORS MINIMUM SPECIFIC FOR BOPE:**

The surface casing will be equipped with a flanged casing head of 5M PSI working pressure. We will NU an 11.0" 5M BOP, 5M Annular. This equipment will be 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 intermediate shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular 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 Rig # 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 and 10M psi systems.

**Auxiliary Equipment:**

- A) Mud logger with gas monitor – 6,970' 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) Shake, desander, desilter and mud cleaner.

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

Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.4 – 8.9
Intermediate	WBM	8.4 – 10.0
Production	WBM	10.0 – 14.0

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

6. **Evaluation Program:**

Logs:

Mud Log: From base of surface casing to TD.

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

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 14,200' TD equals approximately 10,328 psi (calculated at 0.7273 psi/foot).

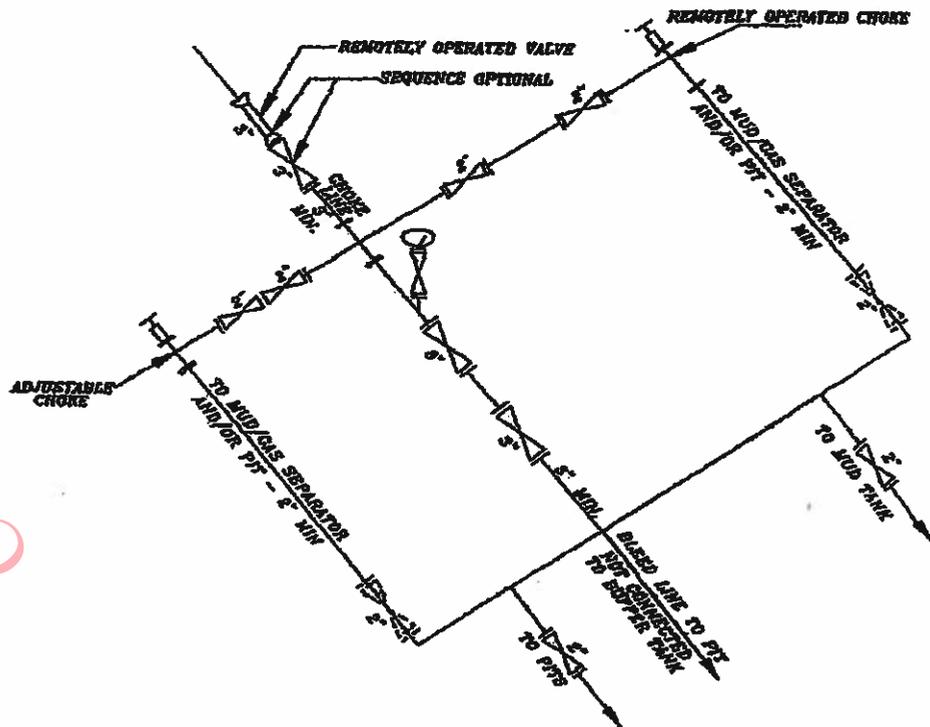
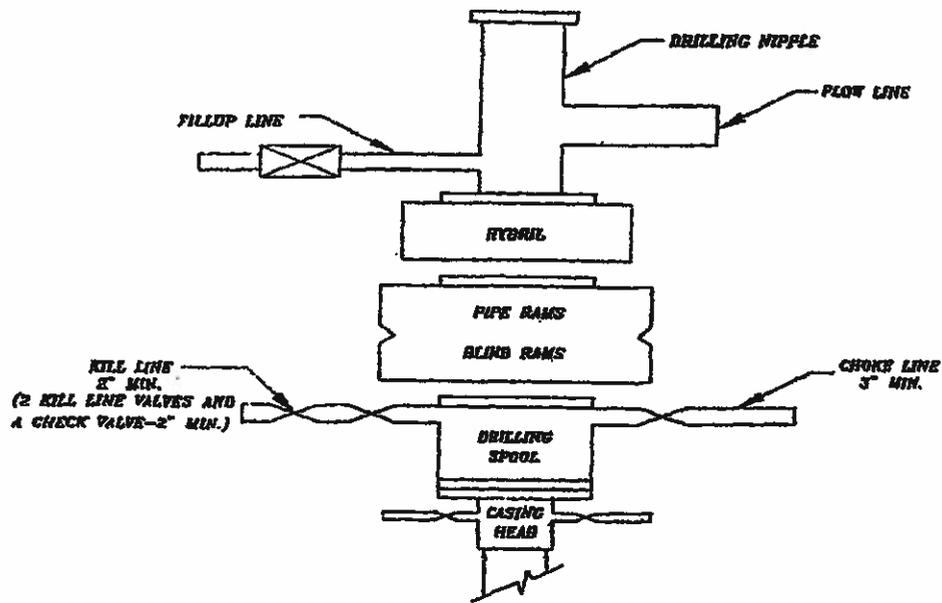
Maximum anticipated surface pressure equals approximately 7,204 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 10,138' = 5,880 psi

BOPE and casing design is based on the lesser of the two MASPs which is frac at shoe 5,880 psi

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

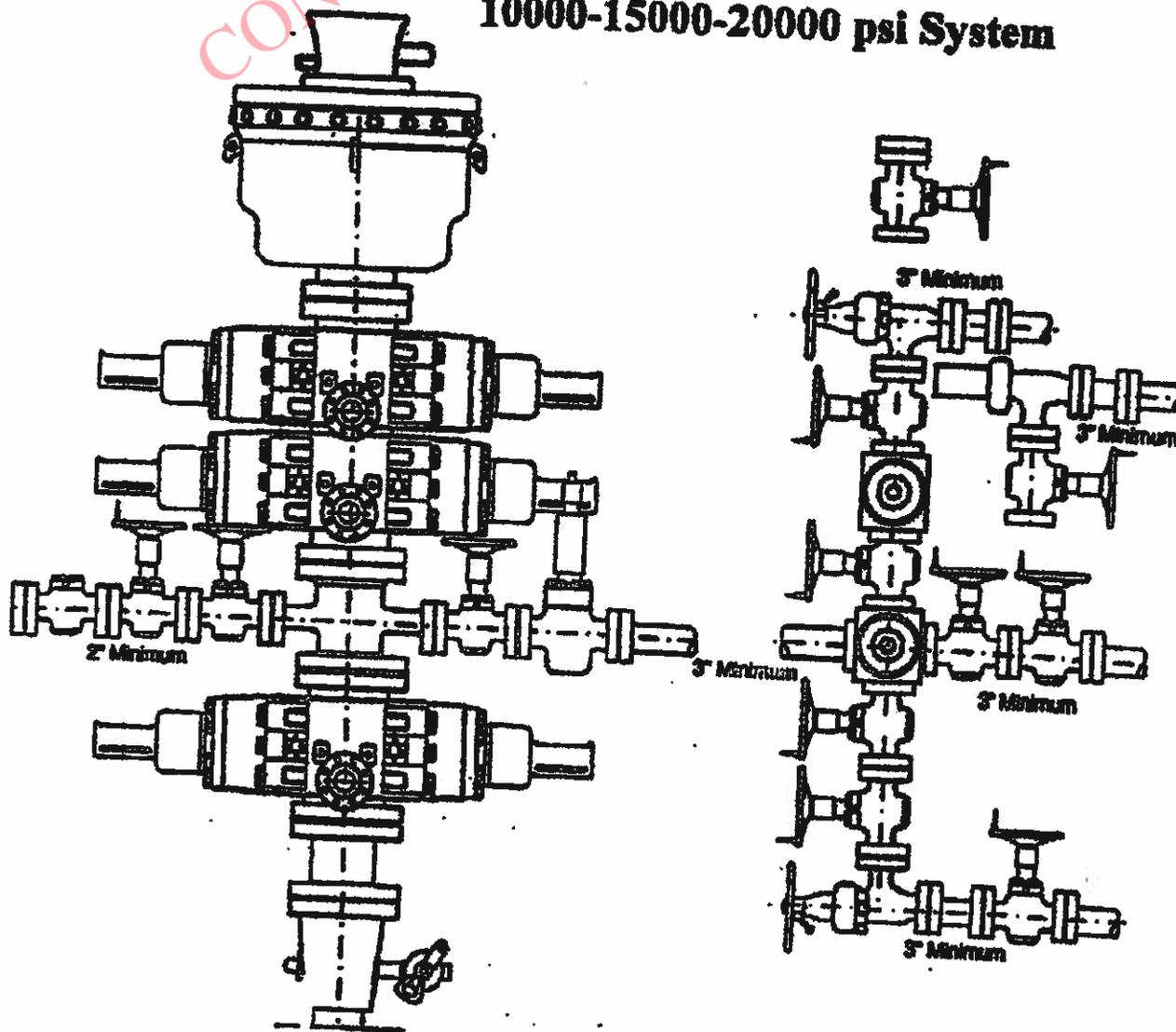
# 5M BOP STACK and CHOKE MANIFOLD SYSTEM



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### 10000-15000-20000 psi System

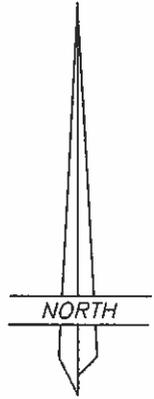
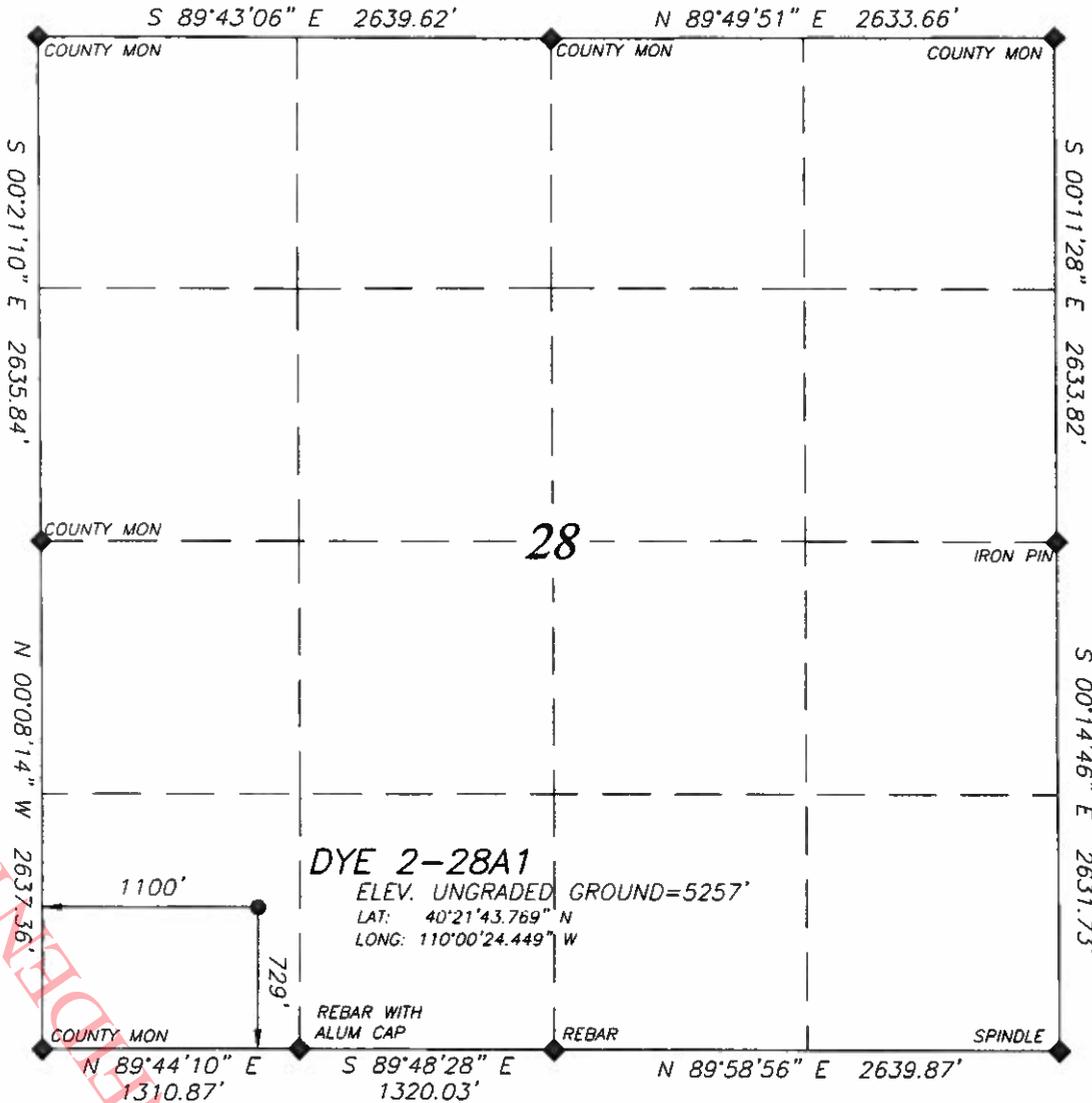


# EL PASO E & P COMPANY, L.P.

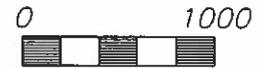
WELL LOCATION

DYE 2-28A1

LOCATED IN THE SW¼ OF THE SW¼ OF SECTION 28, T1S, R1W, 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
- THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A CONTROL POINT LOCATED AT LAT. 40°20'35.626"N AND LONG 109°59'30.141"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

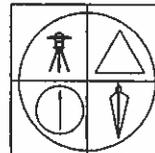
BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM

**SURVEYOR'S CERTIFICATE**

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

*Jerry D. Allred*  
**JERRY D. ALLRED**  
 No. 148951  
 REGISTERED LAND SURVEYOR  
 CERTIFICATE NO. 148951 (UTAH)  
 29 May '09  
 STATE OF UTAH

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



APIWellNo:43013500660000

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

**DYE 2-28A1**

**SECTION 28, T1S, R1W, U.S.B.&M.**

**PROCEED WEST AND NORTHWESTERLY ON A PAVED STATE ROAD 121 FROM THE INTERSECTION OF STATE HIGHWAY 40 AND 200 NORTH STREET, ROOSEVELT, UTAH APPROXIMATELY 4.18 MILES TO AN INTERSECTION;**

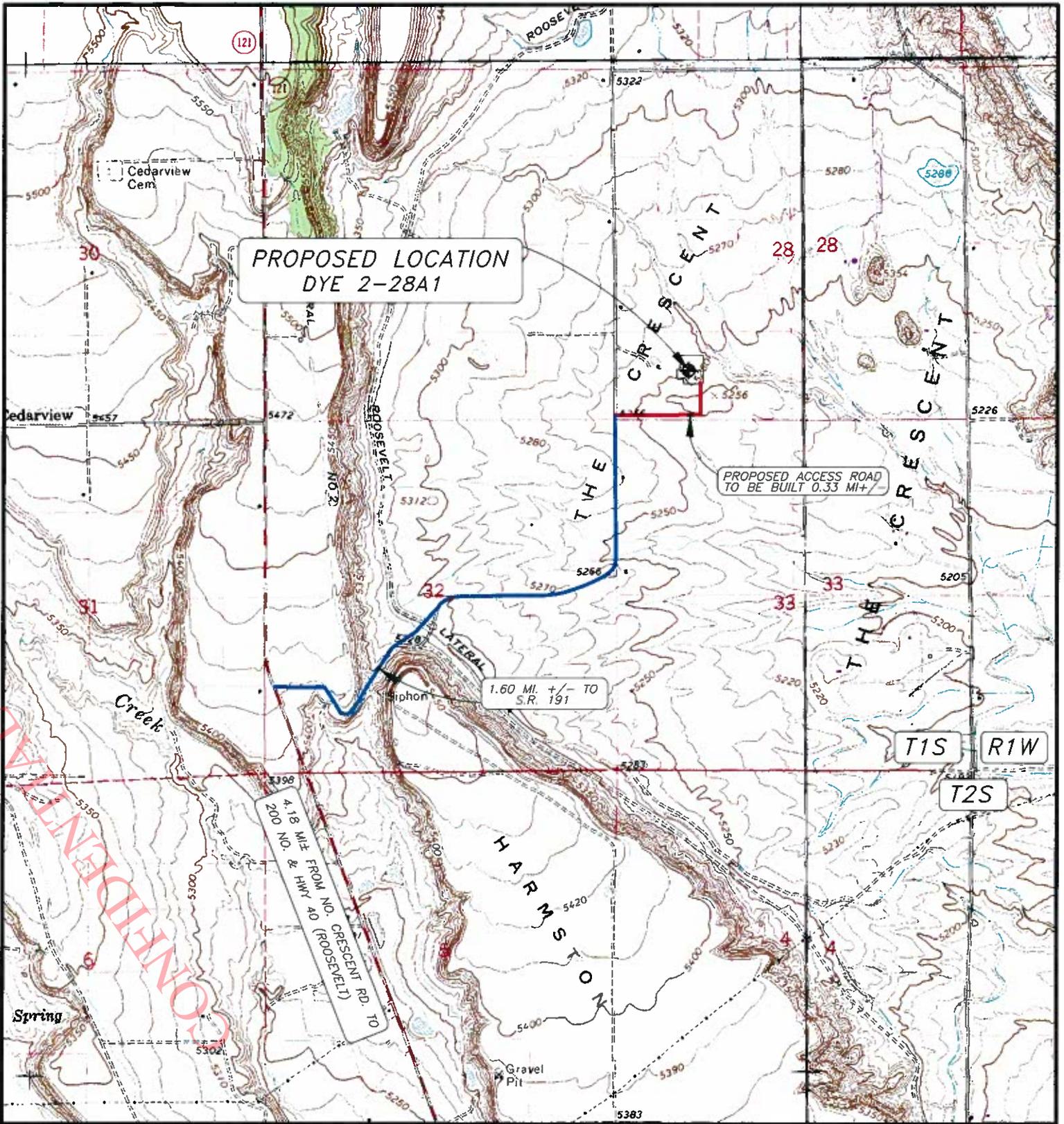
**TURN RIGHT ON NORTH CRESCENT ROAD AND TRAVEL EAST THEN NORTH 1.60 MILES TO THE ACCESS ROAD;**

**TURN RIGHT AND FOLLOW ROAD FLAGS EAST AND NORTH 0.33 MILES TO THE PROPOSED LOCATION.**

**TOTAL DISTANCE FROM ROOSEVELT, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 6.11 MILES.**

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PROPOSED LOCATION  
DYE 2-28A1

PROPOSED ACCESS ROAD  
TO BE BUILT 0.33 MI +/-

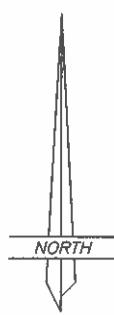
1.60 MI +/- TO  
S.R. 191

4.18 MI FROM NO. 40 (ROOSEVELT CRESCENT LATERAL RD. TO)  
200' NO. 18 & HWY 40

**LEGEND:**

- PROPOSED WELL LOCATION
  - PROPOSED ACCESS ROAD
  - EXISTING GRAVEL ROAD
  - EXISTING PAVED ROAD
- 01-128-080

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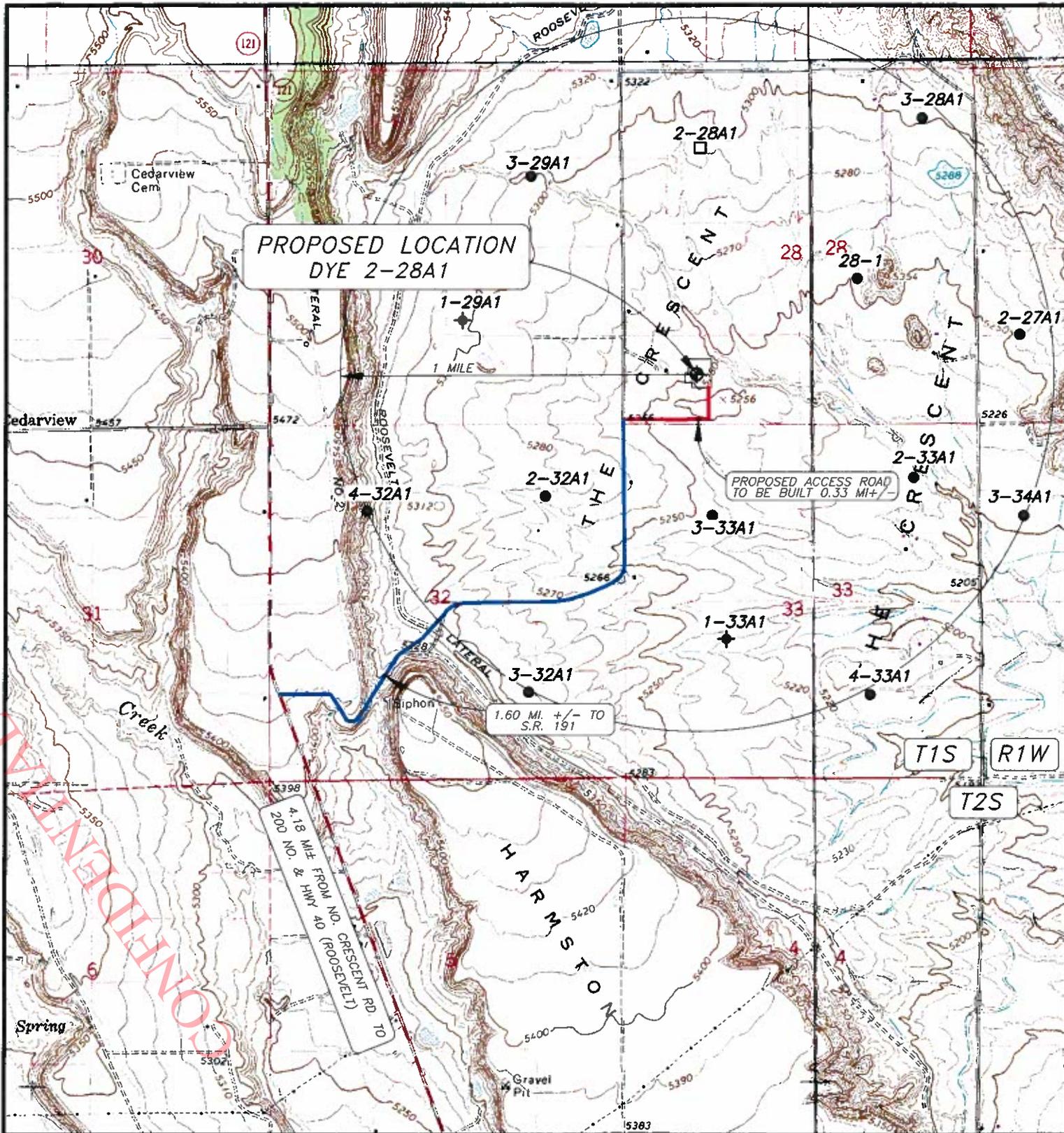
**EL PASO E & P COMPANY, L.P.**

DYE 2-28A1  
SECTION 28, T1S, R1W, U.S.B.&M.  
729' FSL 1100' FWL

**TOPOGRAPHIC MAP "B"**

SCALE; 1"=2000'  
12 MAY 2009

APIWellNo:43013500660000



**PROPOSED LOCATION  
DYE 2-28A1**

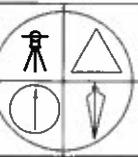
PROPOSED ACCESS ROAD  
TO BE BUILT 0.33 MI +/-

1.60 MI. +/- TO  
S.R. 191

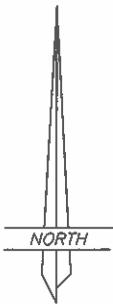
4.18 MI. FROM NO. 200  
NO. 4 (PROPOSED) (LATERAL)  
CRESCENT RD. TO

**LEGEND:**

- ◆ PROPOSED WELL LOCATION
  - ○ + ◆ OTHER WELLS AS LOCATED FROM SUPPLIED MAP
- 01-128-080



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

DYE 2-28A1  
SECTION 28, T1S, R1W, U.S.B.&M.  
729' FSL 1100' FWL

**TOPOGRAPHIC MAP "C"**

SCALE; 1"=2000'  
12 MAY 2009

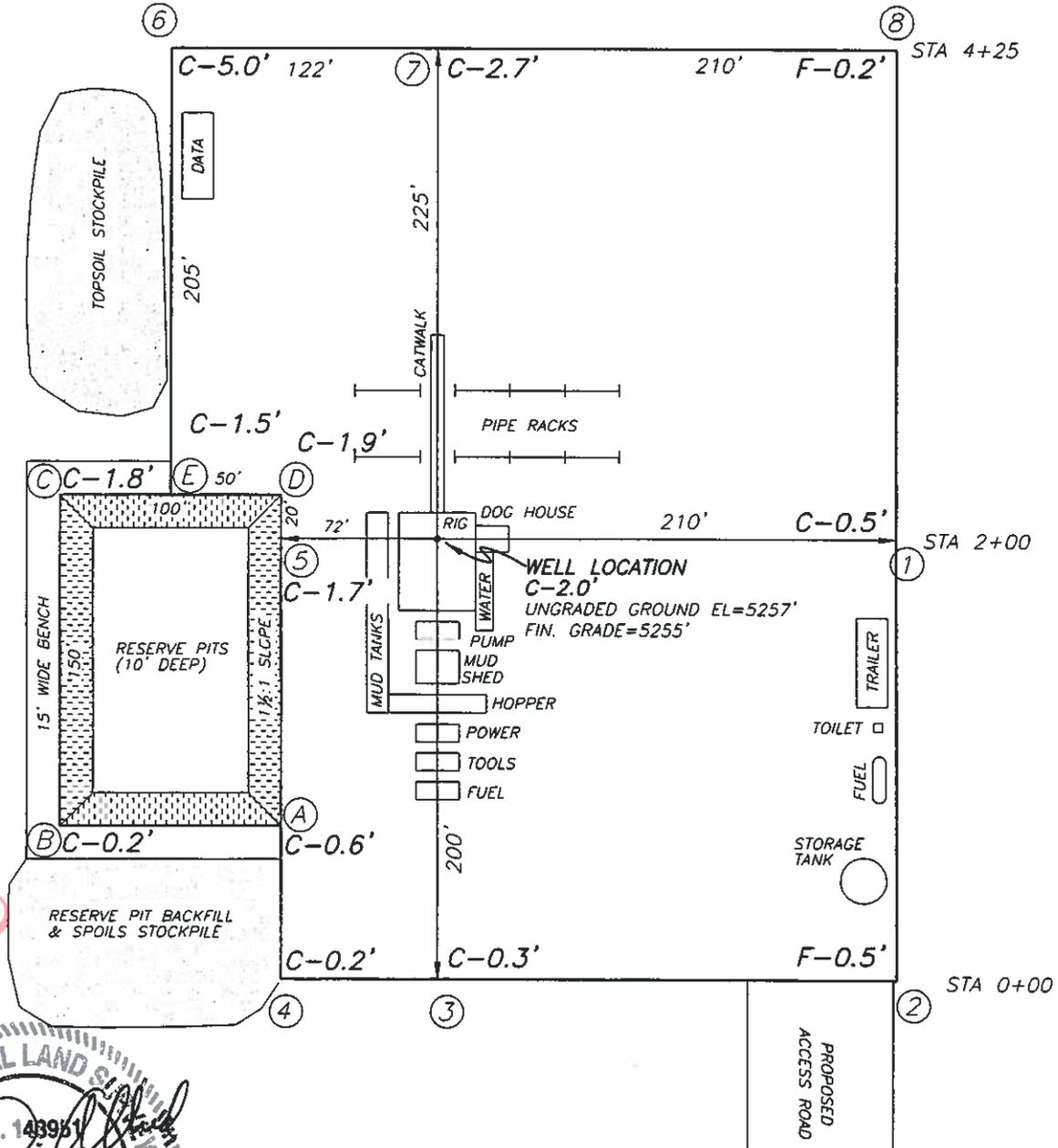
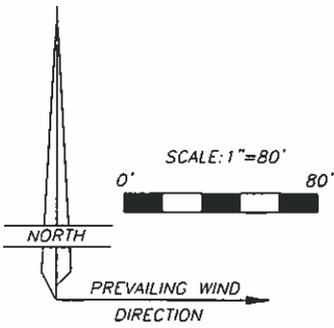
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# EL PASO E & P COMPANY, L.P.

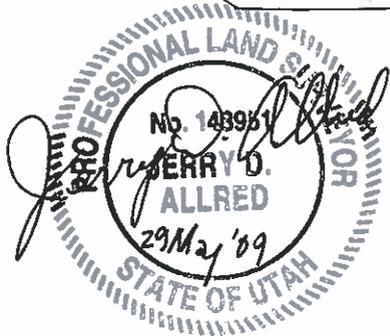
LOCATION LAYOUT FOR  
DYE 2-28A1

SECTION 28, T1S, R1W, U.S.B.&M.  
729' FSL, 1100' FWL

FIGURE #1



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**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS  
1235 NORTH 700 EAST--P.O. BOX 975  
DUCESNE, UTAH 84021  
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APIWellNo:43013500660000

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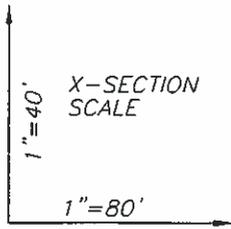
LOCATION LAYOUT FOR

DYE 2-28A1

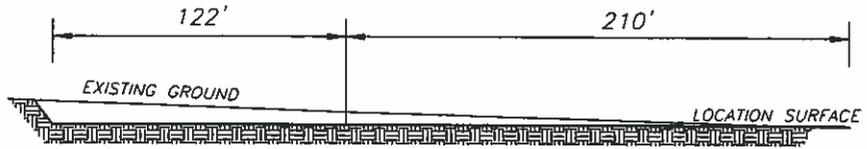
SECTION 28, T1S, R1W, U.S.B.&M.

729' FNL, 1100' FEL

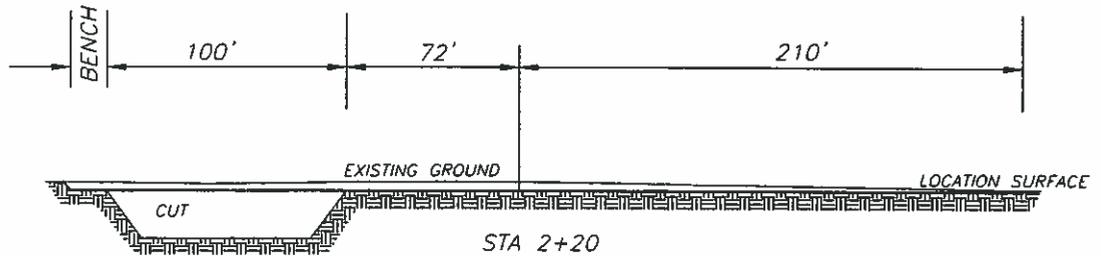
FIGURE #2



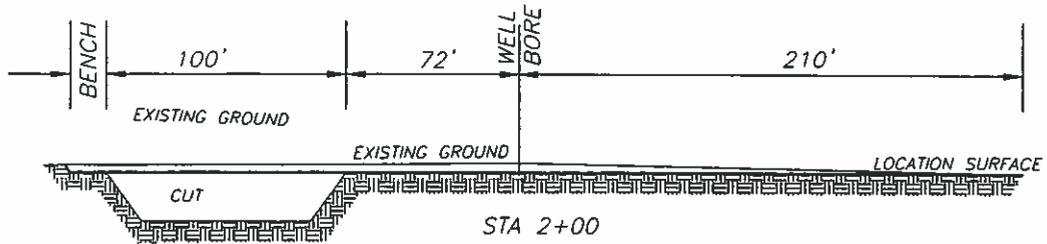
NOTE: ALL CUT/FILL SLOPES ARE 1½:1 UNLESS OTHERWISE NOTED



STA 4+25



STA 2+20



STA 2+00



STA 0+00

APPROXIMATE YARDAGES

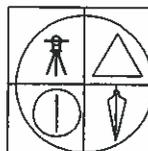
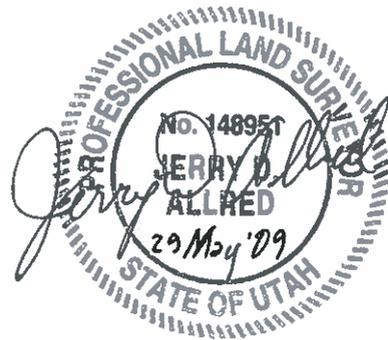
TOTAL CUT (INCLUDING PIT) = 11,471 CU. YDS.

PIT CUT = 4250 CU. YDS.

TOPSOIL STRIPPING: (6") = 2779 CU. YDS.

REMAINING LOCATION CUT = 4442 CU. YDS.

TOTAL FILL = 43 CU. YDS.



JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS

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

18 MAY 2009 01-128-080

APIWellNo:43013500660000

CONFIDENTIAL

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

DYE 2-28A1

## LOCATION SURFACE USE AREA & CORRIDOR RIGHT-OF-WAY SECTION 28, TOWNSHIP 1 SOUTH, RANGE 1 WEST UINTAH SPECIAL BASE AND MERIDIAN

### USE AREA BOUNDARY ON DYE PROPERTY

Commencing at the Southwest Corner of Section 28, Township 1 South, Range 1 West of the Uintah Special Base and Meridian;

Thence North 53°44'09" East 1117.75 feet to the TRUE POINT OF BEGINNING;

Thence North 89°51'46" East 117.18 feet;

Thence North 00°08'14" West 319.00 feet;

Thence North 90°00'00" East 291.59 feet;

Thence South 00°00'00" East 471.23 feet;

Thence North 90°00'00" West 408.00 feet;

Thence North 00°00'00" East 151.95 feet to the TRUE POINT OF BEGINNING, containing 3.56 acres.

### USE AREA BOUNDARY ON FILLINGIM PROPERTY

Commencing at the Southwest Corner of Section 28, Township 1 South, Range 1 West of the Uintah Special Base and Meridian;

Thence North 53°44'09" East 1117.75 feet to the TRUE POINT OF BEGINNING;

Thence North 00°00'00" East 319.00 feet;

Thence North 89°51'46" East 116.41 feet;

Thence South 00°08'14" East 319.00 feet;

Thence South 89°51'46" West 117.18 feet to the TRUE POINT OF BEGINNING, containing 0.86 acres.

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

A 40 feet wide access road, power line, and pipeline corridor right-of-way over part of Section 28, Township 1 South, Range 1 West of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows:

Commencing at the Southwest Corner of said Section 28;

Thence North 27°28'35" East 71.20 feet to the TRUE POINT OF BEGINNING, said point also being on the East line of the County Road;

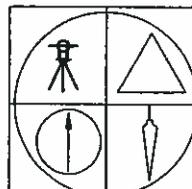
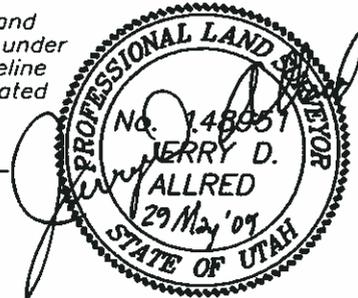
Thence North 89°44'10" East 1240.99 feet parallel with the South line of the SW1/4 of the SW1/4 of said Section 28;

Thence North 00°01'11" West 440.33 feet to the South line of the Elpaso E&P Co. Dye 2-28A1 well location use boundary. Said corridor right-of-way being 1681.33 feet in length, the side lines of which being shortened or elongated to meet the use area boundary and existing road right-of-way lines.

### SURVEYOR'S CERTIFICATE

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

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



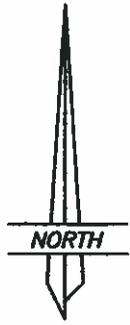
JERRY D. ALLRED AND ASSOCIATES  
SURVEYING CONSULTANTS

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

29 MAY 2009 01-128-080

WellNo:43013500660000

COUNTY MONUMENT  
AT QUARTER CORNER



SCALE: 1=300'



NOTE:  
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING  
SYSTEM (G.P.S.) PROCEDURES AND EQUIPMENT. THE  
BASIS OF BEARINGS IS BASED ON WGS84 NORTH.

COUNTY ROAD  
N 00°08'14" W 2637.36'

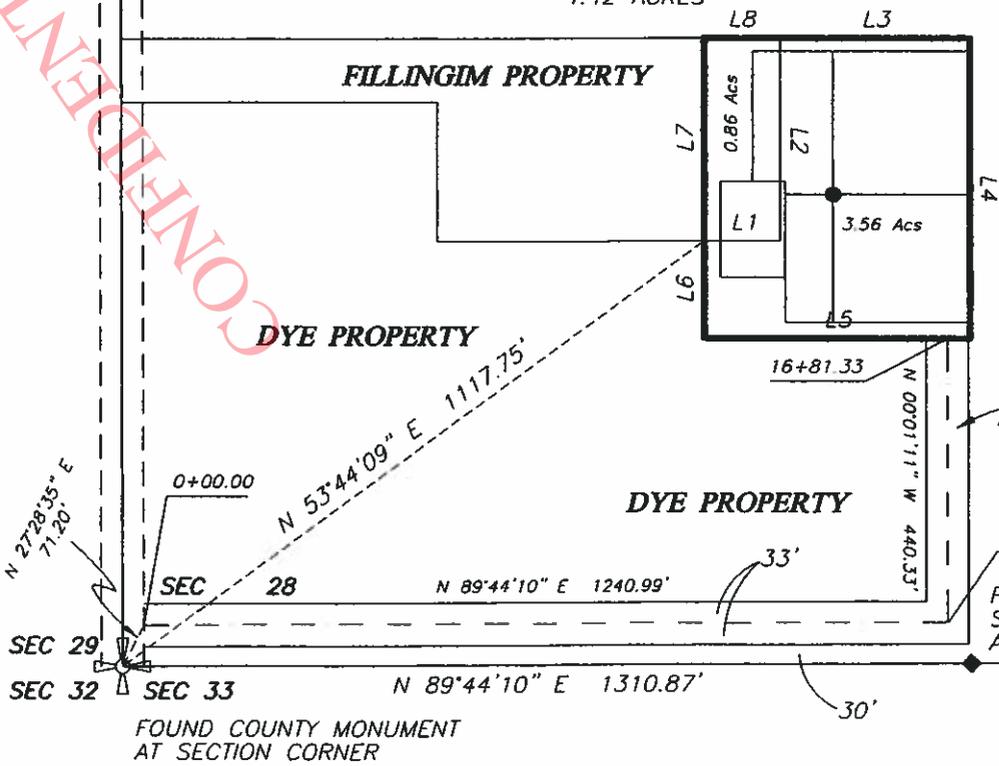
**EL PASO E & P COMPANY, L.P.**  
SURFACE USE AREA  
DYE 2-28A1  
4.42 ACRES

LINE	BEARING	DISTANCE
L1	N 89°51'46" E	117.18'
L2	N 00°08'14" W	319.00'
L3	N 90°00'00" E	291.59'
L4	S 00°00'00" E	471.23'
L5	N 90°00'00" W	408.00'
L6	N 00°00'00" W	151.95'
L7	N 00°00'00" E	319.00'
L8	N 89°51'46" E	116.41'

FILLINGIM PROPERTY

DYE PROPERTY

DYE PROPERTY



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

FOUND REBAR WITH  
STONE ALONGSIDE  
AT 1/16 CORNER

FOUND COUNTY MONUMENT  
AT SECTION CORNER

APIWellNo:43013500660000

CONFIDENTIAL

AFFIDAVIT OF SURFACE USE AGREEMENTS

Laura Smith personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Laura Smith. I am a Sr. Staff Landman for El Paso E&P Company, L.P., whose address is 1099 18<sup>th</sup> Street, Suite 1900, Denver, Colorado 80202 ("El Paso").
2. El Paso is the Operator of the proposed Dye 2-28A1 well to be located in the SW/4SW/4 of Section 28, Township 1 South, Range 1 West, Duchesne County, Utah (the "Drillsite Location"). The surface owners of the Drillsite Location are Garold Dye and Carol E. Dye, Trustees of the R. Garold Dye Trust and Carol E. Dye Trust both dated November 24, 2008, RR 1, Box 1080, Roosevelt, Utah 84066 and Amber D. Fillingim, 222 East 2800 South, Vernal, Utah 84078 (the "Surface Owners").
3. El Paso and the Surface Owners have entered into surface use agreements covering the Drillsite Location and access to the Drillsite Location.

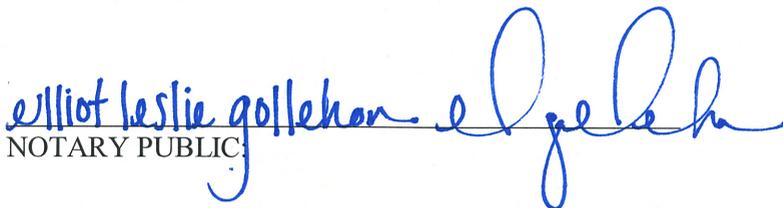
FURTHER AFFIANT SAYETH NOT.

  
 \_\_\_\_\_  
 Laura Smith

ACKNOWLEDGEMENT

STATE OF COLORADO     §  
 CITY AND                 §  
 COUNTY OF DENVER     §

Before me, a Notary Public, in and for this state, on this 17th day of December, 2009, personally appeared Laura Smith, to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.

  
 \_\_\_\_\_  
 NOTARY PUBLIC

My Commission Expires: 1/7/2013

**ELLIOT LESLIE GOLLEHON**  
 NOTARY PUBLIC  
 STATE OF COLORADO  
 My Commission Expires 1/7/2013

**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 .33 miles in length and 66 feet wide.
  - All equipment and vehicles will be confined to the access road, pad and area specified in the APD.
  
3. **Location Of Existing Wells:**
  - Existing oil, gas wells within one (1) mile radius of proposed well are provided in EXHIBIT C.
  - There are no salt water disposal wells within a one mile radius of this location.
  
4. **Location And Type Of Drilling Water Supply:**
  - Roosevelt City Municipal Water
  
5. **Existing/Proposed Facilities For Productive Well:**
  - There are no existing facilities that will be utilized for this well.
  - A pipeline corridor .33 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
  - Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.
  
6. **Construction Materials:**
  - Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.
  
7. **Methods For Handling Waste Disposal:**
  - The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of ½ the total depth below the original ground surface on the lowest point with the pit. The pit will be lined with a 20-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be placed in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
  - Garbage and other trash will be contained in the portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig moving off location and hauled to an authorized disposal site.
  - Sewage will be handled in Portable Toilets.
  - Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from the location at a later date.
  - Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's
  
8. **Ancillary Facilities:**
  - There will be no ancillary facilities associated with this project.

9. **Surface Reclamation Plans:**

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

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

10. **Surface Ownership:**

Included is the Surface Affidavit of Facts with:

R Garold and Carol E Dye	Amber D Fillingim
Rt 1 Box 1080	634 South 1900 West
Roosevelt, UT	Vernal, UT 84078
84066	

11. **Other Information:**

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

• **Operator and Contact Persons:**

**Construction and Reclamation:**

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

**Regarding This APD**

El Paso E & P Company  
Marie OKeefe  
1099 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

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

**DYE 2-28A1  
SECTION 28, T1S, R1W, U.S.B.&M.**

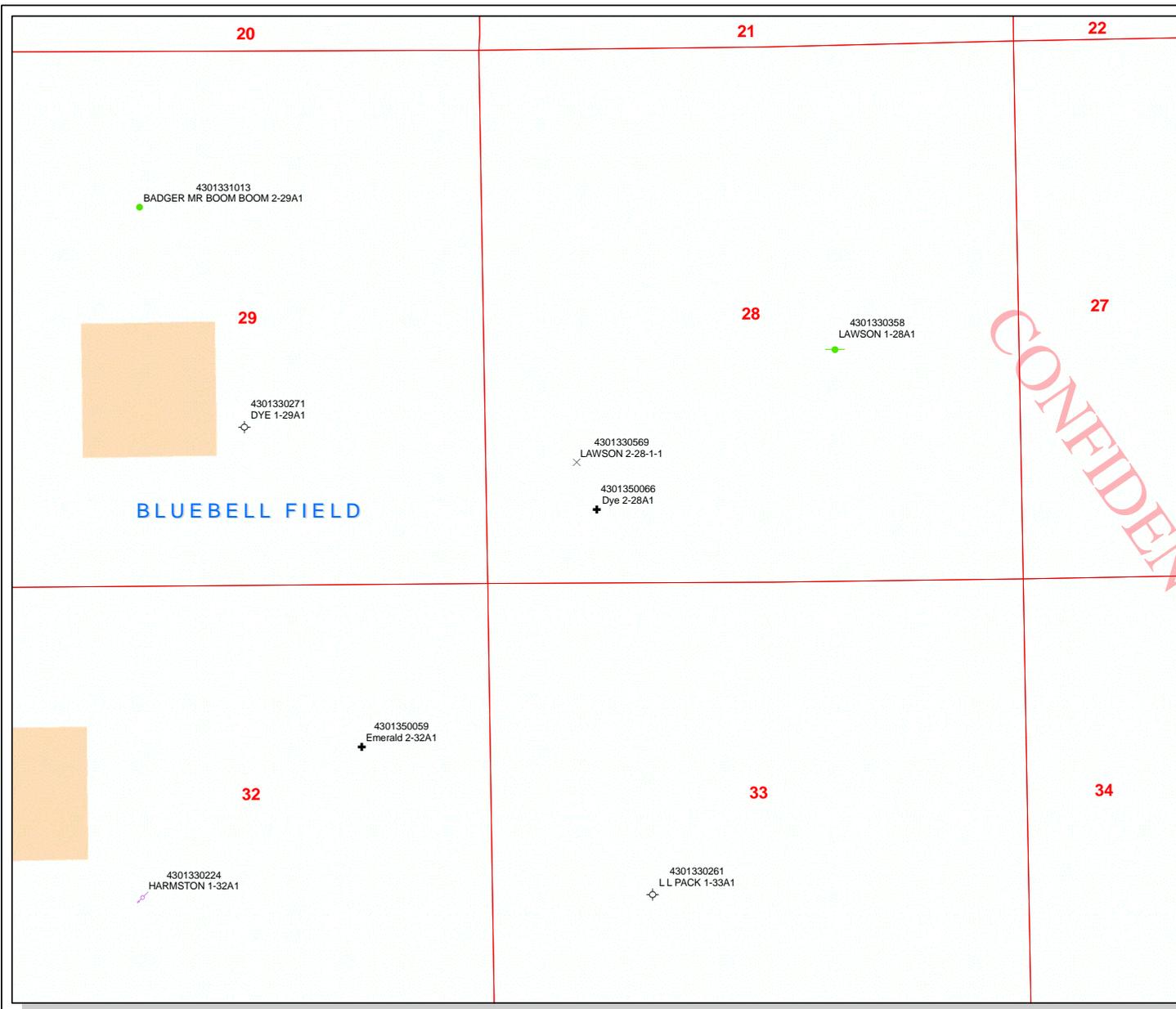
**PROCEED WEST AND NORTHWESTERLY ON A PAVED STATE ROAD 121 FROM THE INTERSECTION OF STATE HIGHWAY 40 AND 200 NORTH STREET, ROOSEVELT, UTAH APPROXIMATELY 4.18 MILES TO AN INTERSECTION;**

**TURN RIGHT ON NORTH CRESCENT ROAD AND TRAVEL EAST THEN NORTH 1.60 MILES TO THE ACCESS ROAD;**

**TURN RIGHT AND FOLLOW ROAD FLAGS EAST AND NORTH 0.33 MILES TO THE PROPOSED LOCATION.**

**TOTAL DISTANCE FROM ROOSEVELT, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 6.11 MILES.**

**CONFIDENTIAL**

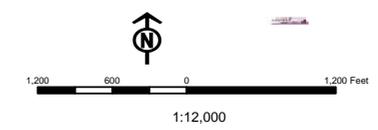


**API Number: 4301350066**  
**Well Name: Dye 2-28A1**  
**Township 01.0 S Range 01.0 W Section 28**  
**Meridian: UBM**  
 Operator: EL PASO E&P COMPANY, LP

Map Prepared:  
 Map Produced by Diana Mason

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

CONFIDENTIAL



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

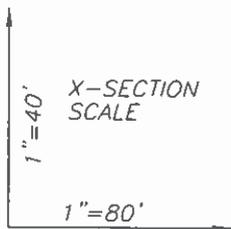
LOCATION LAYOUT FOR

DYE 2-28A1

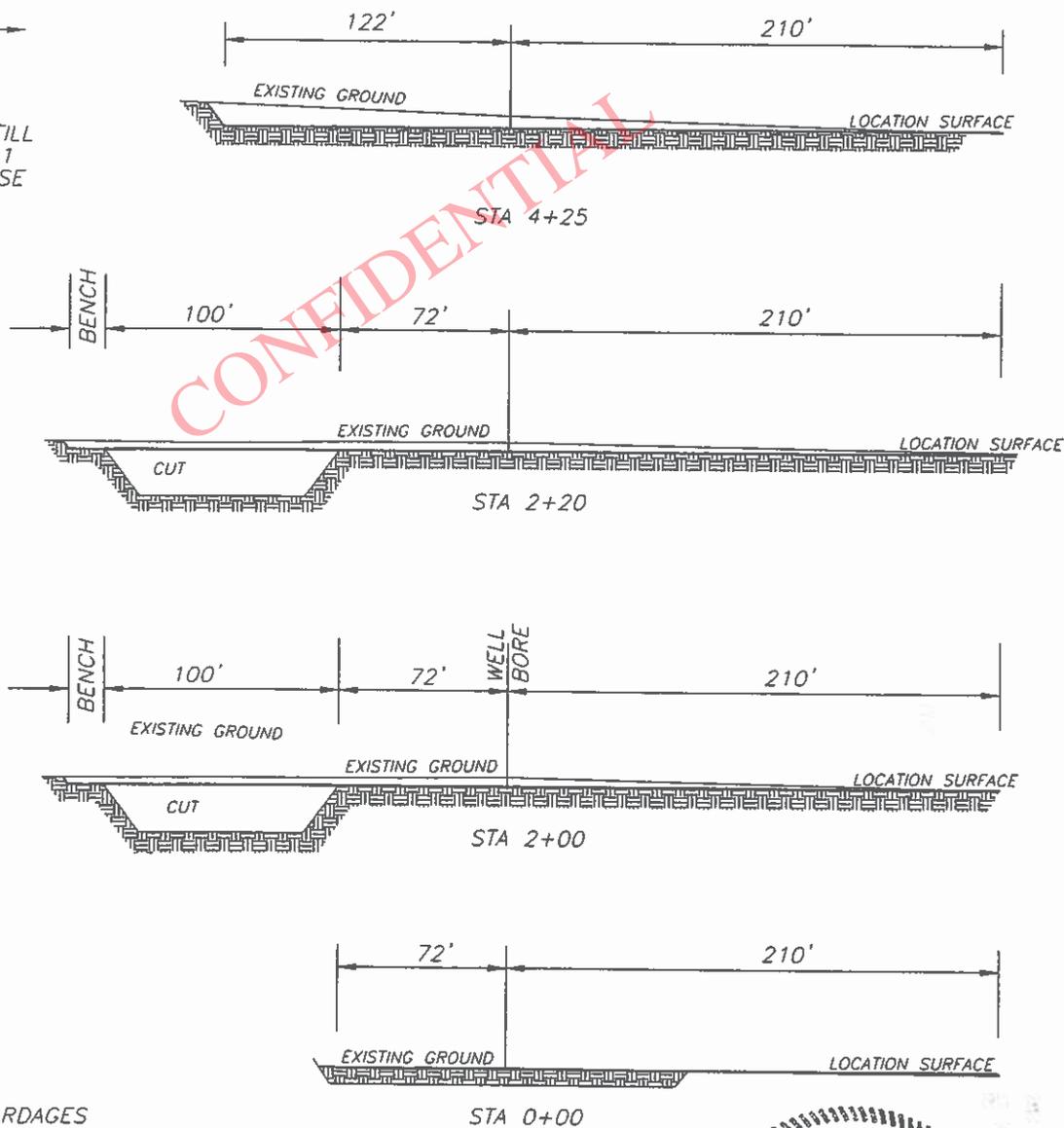
SECTION 28, T1S, R1W, U.S.B.&M.

729' FSL., 1100' FWL

FIGURE #2



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



APPROXIMATE YARDAGES

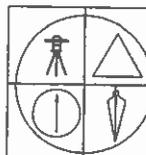
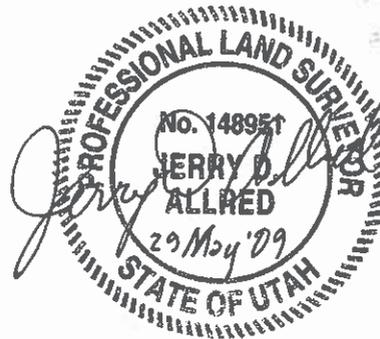
TOTAL CUT (INCLUDING PIT) = 11,471 CU. YDS.

PIT CUT = 4250 CU. YDS.

TOPSOIL STRIPPING: (6") = 2779 CU. YDS.

REMAINING LOCATION CUT = 4442 CU. YDS

TOTAL FILL = 43 CU. YDS.



JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS

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

Well Name	EL PASO E&P COMPANY, LP Dye 2-28A1 43013500660000			
String	Cond	Surf	I1	Prod
Casing Size(")	13.375	9.625	7.000	4.500
Setting Depth (TVD)	600	6984	10138	14200
Previous Shoe Setting Depth (TVD)	0	600	6984	10138
Max Mud Weight (ppg)	9.0	9.0	11.0	13.5
BOPE Proposed (psi)	500	1500	5000	10000
Casing Internal Yield (psi)	2730	5750	9950	12410
Operators Max Anticipated Pressure (psi)	10328			14.0

Calculations	Cond String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	281	
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	209	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	149	YES OK
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	149	NO OK
Required Casing/BOPE Test Pressure=		600	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

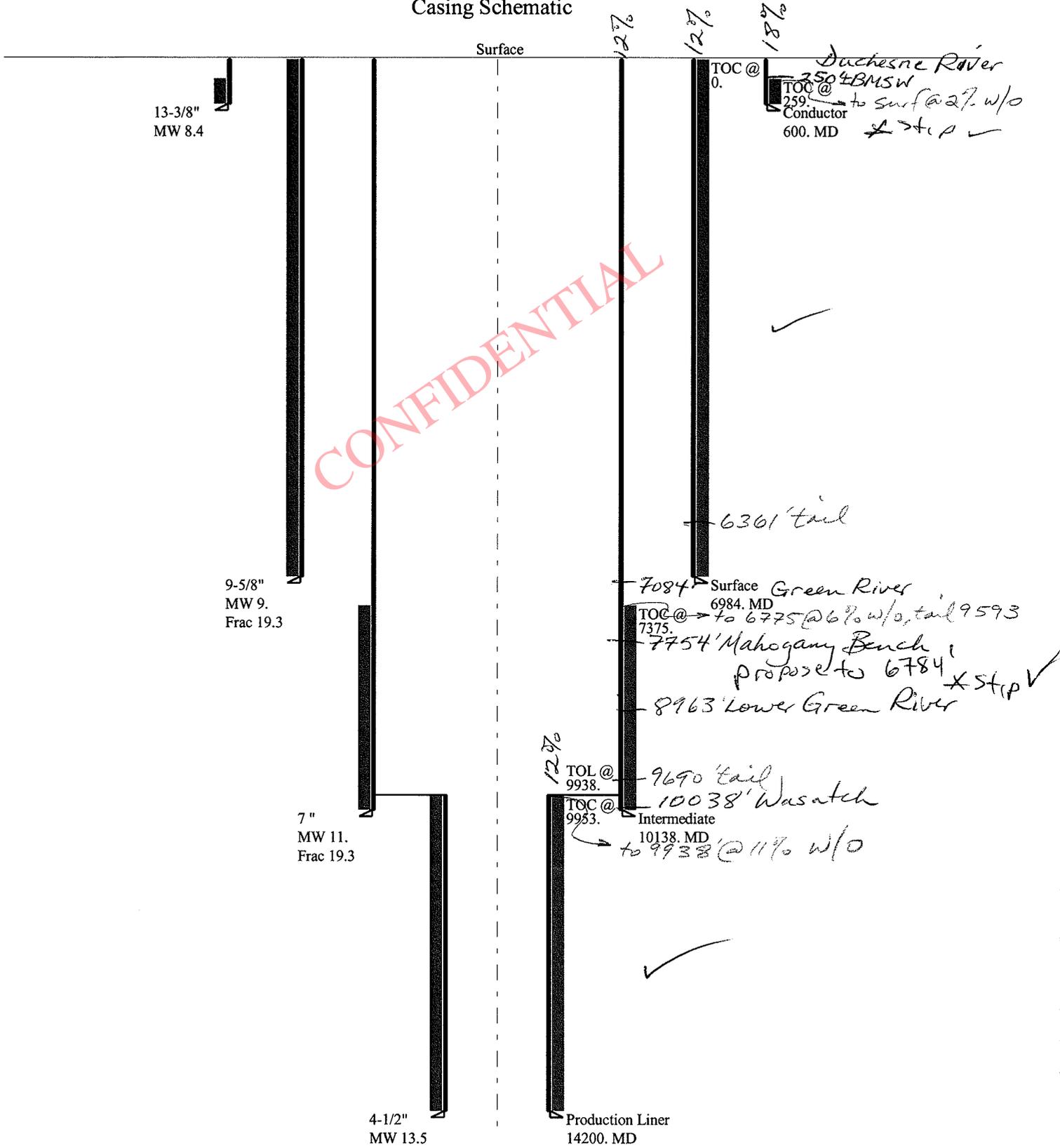
Calculations	Surf String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	3269	
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2431	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1733	NO Reasonable depth in area
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1865	NO
Required Casing/BOPE Test Pressure=		4025	psi
*Max Pressure Allowed @ Previous Casing Shoe=		600	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	5799	
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	4582	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	3569	YES OK
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	5105	YES OK
Required Casing/BOPE Test Pressure=		6965	psi
*Max Pressure Allowed @ Previous Casing Shoe=		5750	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	4.500	"
Max BHP (psi)	.052*Setting Depth*MW=	9968	
			<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	8264	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	6844	YES OK
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	9074	YES OK
Required Casing/BOPE Test Pressure=		8687	psi
*Max Pressure Allowed @ Previous Casing Shoe=		9950	psi *Assumes 1psi/ft frac gradient

# 43013500660000 Dye 2-28A1

## Casing Schematic



Well name:	<b>43013500660000 Dye 2-28A1</b>		
Operator:	<b>EL PASO E&amp;P COMPANY, LP</b>		
String type:	Conductor	Project ID:	43-013-50066
Location:	DUCHESNE COUNTY		

**Design parameters:**

**Collapse**

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

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

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

**Burst**

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

No backup mud specified.

**Tension:**

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

**Non-directional string.**

Tension is based on air 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)	Est. Cost (\$)
1	600	13.375	54.50	J-55	ST&C	600	600	12.49	7444
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	262	1130	4.317	262	2730	10.43	32.7	514	15.72 J

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

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

Date: August 5, 2009  
 Salt Lake City, Utah

**Remarks:**

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

Burst strength is not adjusted for tension.

Well name:	<b>43013500660000 Dye 2-28A1</b>	
Operator:	<b>EL PASO E&amp;P COMPANY, LP</b>	
String type:	Surface	Project ID: 43-013-50066
Location:	DUCHESNE COUNTY	

**Design parameters:**

**Collapse**

Mud weight: 9.000 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 172 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 3,563 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 5,099 psi

No backup mud specified.

**Tension:**

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

Tension is based on air weight.  
Neutral point: 6,049 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 10,138 ft  
Next mud weight: 11.000 ppg  
Next setting BHP: 5,793 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 6,984 ft  
Injection pressure: 6,984 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	6984	9.625	40.00	HCN-80	LT&C	6984	6984	8.75	89746
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	3265	4230	1.295	5099	5750	1.13	279.4	837	3.00 J

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

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

Date: August 5, 2009  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 6984 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>43013500660000 Dye 2-28A1</b>	
Operator:	<b>EL PASO E&amp;P COMPANY, LP</b>	
String type:	Intermediate	Project ID: 43-013-50066
Location:	DUCHESNE COUNTY	

**Design parameters:**

**Collapse**

Mud weight: 11.000 ppg  
Internal fluid density: 1.000 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 216 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: 7,375 ft

**Burst**

Max anticipated surface pressure: 6,834 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 9,065 psi

No backup mud specified.

**Tension:**

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

Tension is based on air weight.  
Neutral point: 8,456 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 14,200 ft  
Next mud weight: 13.500 ppg  
Next setting BHP: 9,958 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 10,138 ft  
Injection pressure: 10,138 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	10138	7	26.00	P-110	LT&C	10138	10138	6.151	105385

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	5266	6230	1.183	9065	9950	1.10	263.6	693	2.63 J

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

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

Date: August 5, 2009  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 10138 ft, a mud weight of 11 ppg. An internal gradient of .052 psi/ft was used for collapse from 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>43013500660000 Dye 2-28A1</b>		
Operator:	<b>EL PASO E&amp;P COMPANY, LP</b>		
String type:	Production Liner	Project ID:	43-013-50066
Location:	DUCHESNE COUNTY		

**Design parameters:**

**Collapse**

Mud weight: 13.500 ppg  
 Internal fluid density: 1.000 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 273 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

Cement top: 9,953 ft

Liner top: 9,938 ft

**Non-directional string.**

**Burst**

Max anticipated surface pressure: 6,834 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 9,958 psi

**Tension:**

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

No backup mud specified.

Tension is based on air weight.  
 Neutral point: 13,343 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	4300	4.5	13.50	P-110	LT&C	14200	14200	3.795	24094
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	9221	10680	1.158	9958	12410	1.25	58	338	5.82 J

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

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

Date: August 5, 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 14200 ft, a mud weight of 13.5 ppg. An Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** EL PASO E&P COMPANY, LP  
**Well Name** Dye 2-28A1  
**API Number** 43013500660000      **APD No** 1700      **Field/Unit** ALTAMONT  
**Location: 1/4,1/4** SWSW    **Sec** 28    **Tw** 1.0S    **Rng** 1.0W    729    **FSL** 1100    **FWL**  
**GPS Coord (UTM)** 584395 4468221      **Surface Owner** R Garold and Carol E Dye

**Participants**

Floyd Bartlett (DOGM), Wayne Garner (Construction Supervisor, El Paso), Ryan Fairbanks and Nathan Simper (Land Professional INC.), Gerald Dye, Amber Fillingam and Casidy Fillingam (Surface Owners).

**Regional/Local Setting & Topography**

The general area is approximately 6.1 miles northwest of Roosevelt, Utah in The Crescent area. The area is characterized by a wide bottom or valley with the principal drainage about 1 mile to the east. This drainage contains a perennial flow augmented by seepage from irrigation watering on the benches and in the bottomlands. Much of the area to the east and north is cultivated for agriculture and contains individual residences. The steep edges of these elevated benches are frequently rimmed with sandstone outcrops. Frequent side swales or small draws lead away from the high benches and some contain seeps or small amounts of flowing water. Access from Roosevelt, Utah is by an existing State of Utah Highway and the Duchesne County North Crescent road to within 0.33 miles of the site that will require betterment and new construction. Sections of this road may need imported rocky borrow to form a solid base in the soft soils.

The proposed pad for the Dye 2-28A1 oil well is laid out in a south to north direction on flat irrigated and sub-irrigated pastureland. To construct the pad, only a minor amount of excavation will be required. Imported borrow will be needed to harden the site and elevate the surface above the high water table. A historic but not recently maintained irrigation head ditch crosses the northern portion of the location This ditch will be rerouted to the east and south around the completed pad. A fenced area referred to as the orchard by Ms. Fillingam is located along the northwest portion of the location. That area will be avoided and the reserve pit and the 50 foot wide section of the pad near this area will be reclaimed. The top soil pile will be stored west of the reserve pit rather than along the northwest side of the site as shown in the location layout. It was agreed with Mr. Dye that a cattle guard and a gate across the cattle guard would be installed where the access leaves the County road.

Both the surface and minerals are FEE. The surface is divided between owners with Gerald Dye owning the majority of the surface and Amber Fillingam owning a smaller portion on the northwest. Both attended the pre-site visit and seemed satisfied with the plan as explained and amended. A surface use agreement has not yet been reached with the two parties.

**Surface Use Plan**

**Current Surface Use**

- Grazing
- Agricultural
- Wildlife Habitat

<b>New Road Miles</b>	<b>Well Pad</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
0.33	<b>Width</b> 397 <b>Length</b> 425	Offsite	UNTA

**Ancillary Facilities** N

**Waste Management Plan Adequate?**

**Environmental Parameters**

**Affected Floodplains and/or Wetlands** N

**Flora / Fauna**

Vegetation consists of native pasture grasses, poverty weed, a few trees and weeds.

Cattle, horses, deer and other small mammals and birds.

**Soil Type and Characteristics**

Soils are a deep sandy clay loam. Surface rock are lacking but subsurface gravels are expected.

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diversion Required?** Y

. A historic but not recently maintained irrigation head ditch crosses the northern portion of the location This ditch will be rerouted to the east and south around the completed pad.

**Berm Required?** N

**Erosion Sedimentation Control Required?** N

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

**Reserve Pit**

<b>Site-Specific Factors</b>	<b>Site Ranking</b>	
<b>Distance to Groundwater (feet)</b>		20
<b>Distance to Surface Water (feet)</b>		20
<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>		0
<b>Affected Populations</b>		
<b>Presence Nearby Utility Conduits</b>	Not Present	0
	<b>Final Score</b>	55
		1 Sensitivity Level

**Characteristics / Requirements**

The reserve pit 100' x 150' x 10' deep is planned in an area of cut on the southwest corner of the location. A 15-foot out side bench is planned. Sensitivity Level is 1. A liner is required. A 16-mil liner with a sub-liner as needed will be installed.

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

**Other Observations / Comments**

Floyd Bartlett  
Evaluator

7/14/2009  
Date / Time

CONFIDENTIAL

# Application for Permit to Drill Statement of Basis

12/28/2009

**Utah Division of Oil, Gas and Mining**

Page 1

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Owner</b>	<b>CBM</b>
1700	43013500660000	LOCKED	OW	P	No
<b>Operator</b>	EL PASO E&P COMPANY, LP		<b>Surface Owner-APD</b>	R Garold and Carol E Dye	
<b>Well Name</b>	Dye 2-28A1		<b>Unit</b>		
<b>Field</b>	ALTAMONT		<b>Type of Work</b>	DRILL	
<b>Location</b>	SWSW 28 1S 1W U 729 FSL 1100 FWL GPS Coord (UTM) 584389E 4468215N				

**Geologic Statement of Basis**

El Paso proposes to set 600 feet of conductor and 6,984 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 250 feet. A search of Division of Water Rights records indicates that there are over 70 water wells within a 10,000 foot radius of the center of Section 28. Wells range in depth from 32 to 540 feet and average 200 feet. Listed use is domestic, irrigation and stock watering. The wells in this area probably produce water from the Duchesne River Formation. The proposed casing and cement program should adequately protect the highly used Duchesne River aquifer.

Brad Hill  
**APD Evaluator**

7/23/2007  
**Date / Time**

**Surface Statement of Basis**

The general area is approximately 6.1 miles northwest of Roosevelt, Utah in The Crescent area. The area is characterized by a wide bottom or valley with the principal drainage about 1 mile to the east. This drainage contains a perennial flow augmented by seepage from irrigation watering on the benches and in the bottomlands. Much of the area to the east and north is cultivated for agriculture and contains individual residences. The steep edges of these elevated benches are frequently rimmed with sandstone outcrops. Frequent side swales or small draws lead away from the high benches and some contain seeps or small amounts of flowing water. Access from Roosevelt, Utah is by an existing State of Utah Highway and the Duchesne County North Crescent road to within 0.33 miles of the site that will require betterment and new construction. Sections of this road may need imported rocky borrow to form a solid base in the soft soils.

The proposed pad for the Dye 2-28A1 oil well is laid out in a south to north direction on flat irrigated and sub-irrigated pastureland. To construct the pad, only a minor amount of excavation will be required. Imported borrow will be needed to harden the site and elevate the surface above the high water table. A historic but not recently maintained irrigation head ditch crosses the northern portion of the location This ditch will be rerouted to the east and south around the completed pad. A fenced area referred to as the orchard by Ms. Fillingam is located along the northwest portion of the location. That area will be avoided and the reserve pit and the 50 foot wide section of the pad near this area will be reclaimed. The top soil pile will be stored west of the reserve pit rather than along the northwest side of the site as shown in the location layout. It was agreed with Mr. Dye that a cattle guard and a gate across the cattle guard would be installed where the access leaves the County road.

Both the surface and minerals are FEE. The surface is divided between owners with Gerald Dye owning the majority of the surface and Amber Fillingham owning a smaller portion on the northwest. Both attended the pre-site visit and seemed satisfied with the plan as explained and amended. A surface use agreement has not yet been reached with the two parties.

Floyd Bartlett  
**Onsite Evaluator**

7/14/2009  
**Date / Time**

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# Application for Permit to Drill

## Statement of Basis

12/28/2009

Utah Division of Oil, Gas and Mining

Page 2

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

Category	Condition
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	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

CONFIDENTIAL

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

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**APD RECEIVED:** 6/25/2009

**API NO. ASSIGNED:** 43013500660000

**WELL NAME:** Dye 2-28A1

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

**PHONE NUMBER:** 303 291-6417

**CONTACT:** Marie Okeefe

**PROPOSED LOCATION:** SWSW 28 010S 010W

**Permit Tech Review:**

**SURFACE:** 0729 FSL 1100 FWL

**Engineering Review:**

**BOTTOM:** 0729 FSL 1100 FWL

**Geology Review:**

**COUNTY:** DUCHESNE

**LATITUDE:** 40.36213

**LONGITUDE:** -110.00613

**UTM SURF EASTINGS:** 584389.00

**NORTHINGS:** 4468215.00

**FIELD NAME:** ALTAMONT

**LEASE TYPE:** 4 - Fee

**LEASE NUMBER:** FEE

**PROPOSED PRODUCING FORMATION(S):** GREEN RIVER-WASATCH

**SURFACE OWNER:** 4 - Fee

**COALBED METHANE:** NO

---

**RECEIVED AND/OR REVIEWED:**

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

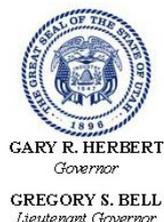
**Commingle Approved**

**LOCATION AND SITING:**

- R649-2-3.**
  - Unit:**
  - R649-3-2. General**
  - R649-3-3. Exception**
  - Drilling Unit**
  - Board Cause No:** Cause 139-84
  - Effective Date:** 12/31/2008
  - Siting:** 660' fr drl u bdry and 1320' fr other wells
  - R649-3-11. Directional Drill**
- 

**Comments:** Presite Completed

**Stipulations:** 5 - Statement of Basis - bhill  
9 - Cement casing to Surface - ddoucet  
13 - Cement Volume Formation (3a) - ddoucet



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** Dye 2-28A1  
**API Well Number:** 43013500660000  
**Lease Number:** FEE  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 12/28/2009

### Issued to:

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

### Authority:

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

### Duration:

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

### General:

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

### Conditions of Approval:

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

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to at least 6784' MD as indicated in the submitted drilling plan.

The cement volumes for the 13 3/8" conductor casing shall be determined from actual hole conditions and the setting depth of the casing in order to place cement from the pipe setting depth back to the surface.

### Additional Approvals:

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

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

**Notification Requirements:**

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

- Within 24 hours following the spudding of the well – contact Carol Daniels  
OR  
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

**Contact Information:**

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

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office  
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office  
801-231-8956 - after office hours

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

**Approved By:**



For Gil Hunt  
Associate Director, Oil & Gas

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

FORM 6

**ENTITY ACTION FORM**

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

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350066	Dye <i>2-28A1</i>		SWSW	28	1S	1W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	<i>99999</i>	<i>17531</i>	3/8/2010		<i>3/10/10</i>		
Comments: <i>GR-WS</i> <b>CONFIDENTIAL</b>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350193	Owl & Hawk <i>3-10C5</i>		NWNW	10	3S	5W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	<i>99999</i>	<i>17532</i>	2/18/2010		<i>3/10/10</i>		
Comments: <i>GR-WS</i> <b>CONFIDENTIAL</b>							

**Well 3**

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

**ACTION CODES:**

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

Marie OKeefe

Name (Please Print)

*Marie OKeefe*

Signature

Sr. Regulatory Analyst

3/9/2010

Title

Date

**RECEIVED**

**MAR 10 2010**

**DIV. OF OIL, GAS & MINING**

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

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

Well Name: DYE 2-28A1

Api No: 43-013-50066 Lease Type: FEE

Section 28 Township 01S Range 01W County DUCHESNE

Drilling Contractor PETE MARTIN DRLG RIG # BUCKET

**SPUDDED:**

Date 03/08/2010

Time \_\_\_\_\_

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by WAYNE GARNER

Telephone # (435) 823-1490

Date 03/08/2010 Signed CHD

<p><b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p><b>FORM 9</b></p>
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.</p>	<p><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE</p>
<p><b>1. TYPE OF WELL</b> Oil Well</p>	<p><b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b></p>
<p><b>2. NAME OF OPERATOR:</b> EL PASO E&amp;P COMPANY, LP</p>	<p><b>7. UNIT or CA AGREEMENT NAME:</b></p>
<p><b>3. ADDRESS OF OPERATOR:</b> 1099 18th ST, STE 1900 , Denver, CO, 80202</p>	<p><b>8. WELL NAME and NUMBER:</b> Dye 2-28A1</p>
<p><b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0729 FSL 1100 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 28 Township: 01.0S Range: 01.0W Meridian: U</p>	<p><b>9. API NUMBER:</b> 43013500660000</p>
<p><b>PHONE NUMBER:</b> 303 291-6417 Ext</p>	<p><b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT</p>
	<p><b>COUNTY:</b> DUCHESNE</p>
	<p><b>STATE:</b> UTAH</p>

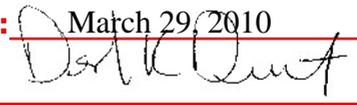
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/15/2010	<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 checked="" type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	<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 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.

El Paso requests approval to change the surface casing depth and grade of casing. Previous revision was approved 3-11-10. Current request for REVISION #2: Surface Casing Depth @ 3600' Surface Casing Grade: K-55 See attached WBD.

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

Date: March 29, 2010  
By: 

<p><b>NAME (PLEASE PRINT)</b> Marie Okeefe</p>	<p><b>PHONE NUMBER</b> 303 291-6417</p>	<p><b>TITLE</b> Sr Regulatory Analyst</p>
<p><b>SIGNATURE</b> N/A</p>	<p><b>DATE</b> 3/23/2010</p>	



**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 43013500660000**

**7" intermediate casing shall be cemented back to 3400' MD as proposed in the drilling plan.**

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

**Date:** March 29, 2010  
**By:** *Dan K. Quist*

Well name: **43013500660000 El Paso Dye 2-28A1**  
 Operator: **El Paso E & P Company, L.P.**  
 String type: **Surface** Project ID: **43-013-50066-0000**  
 Location: **Duchesne County, Utah**

**Design parameters:**

**Collapse**  
 Mud weight: 8.900 ppg  
 Internal fluid density: 2.330 ppg

**Minimum design factors:**

**Collapse:**  
 Design factor 1.125

**Environment:**

H2S considered? No  
 Surface temperature: 65 °F  
 Bottom hole temperature: 115 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 600 ft

**Burst**

Max anticipated surface pressure: 3,036 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 3,828 psi  
 Annular backup: 2.33 ppg

**Burst:**  
 Design factor 1.00

Cement top: **11 ft** *u/188 w0*

**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: 3,123 ft

**Re subsequent strings:**  
 Next setting depth: 10,138 ft  
 Next mud weight: 10.000 ppg  
 Next setting BHP: 5,266 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 5,983 ft  
 Injection pressure: 5,983 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	3600	9.625	40.00	K-55	LT&C	3600	3600	8.75	1532.7

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	1229	2570	2.092 ✓	3392	3950	1.16 ✓	125	561	4.49 J ✓

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

**Date:** March 29, 2010  
**By:** *Dustin K. Doucet*

Prepared by: **Dustin K. Doucet**  
 Div of Oil, Gas & Mining

Phone: (801) 538-5281  
 FAX: (801) 359-3940

Date: **March 29, 2010**  
 Salt Lake City, Utah

**Remarks:**

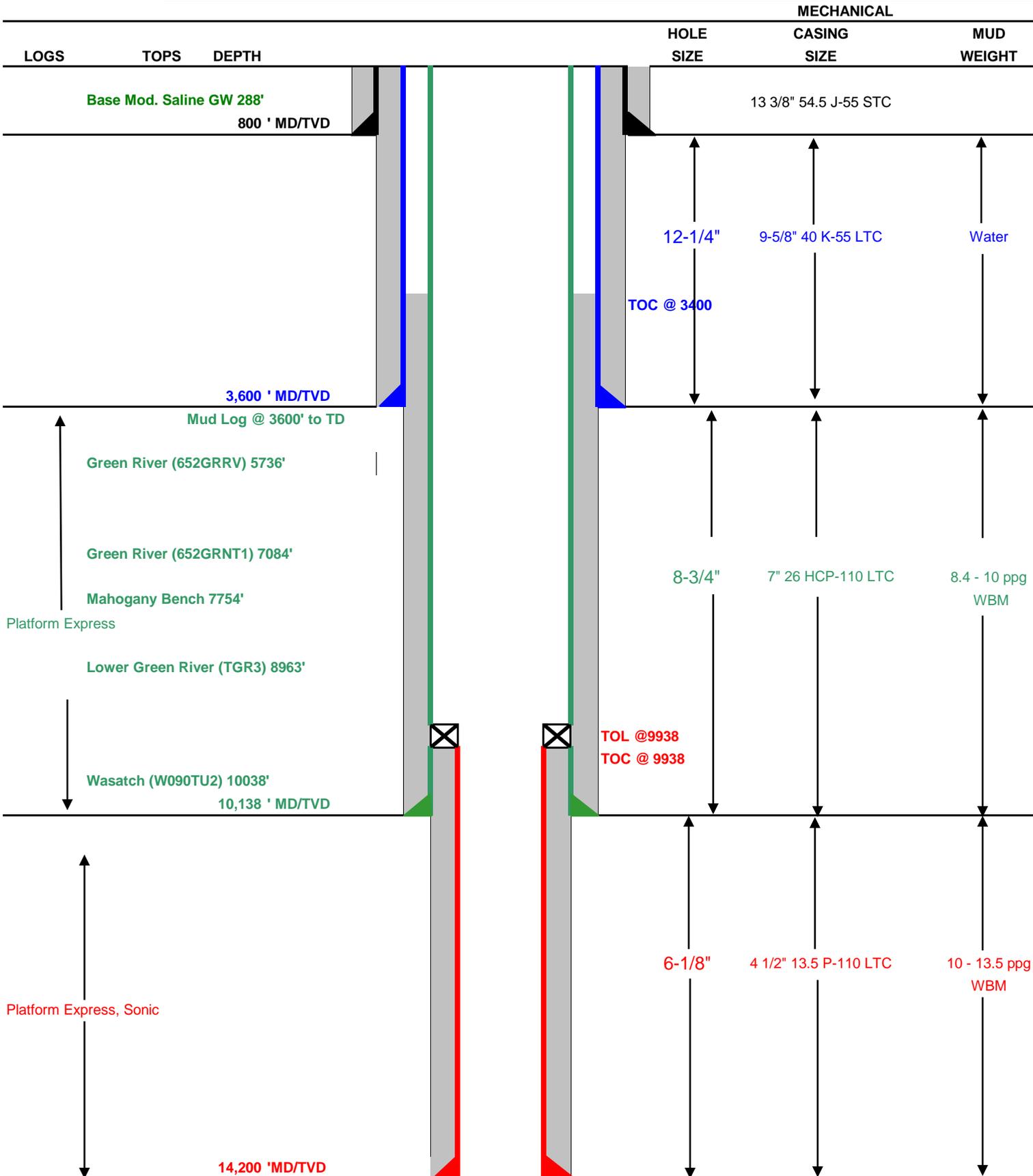
Collapse is based on a vertical depth of 3600 ft, a mud weight of 8.9 ppg. An internal gradient of .121 psi/ft was used for collapse from TD to Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.



Drilling Schematic

<b>Company Name:</b> El Paso Exploration & Production	<b>Date:</b> March 19, 2010
<b>Well Name:</b> Dye 2-28A1	<b>TD:</b> 14,200
<b>Field, County, State:</b> Altamont - Bluebell, Duchesne, Utah	<b>AFE #:</b> 140389
<b>Surface Location:</b> Sec 28 T1S R1W 729' FSL 1100' FWL	<b>BHL:</b> Vertical Well
<b>Objective Zone(s):</b> Green River, Wasatch	<b>Elevation:</b> 5288
<b>Rig:</b> Precision drilling 426	<b>Spud (est.):</b>
<b>BOPE Info:</b> 5.0 x 13 3/8 rotating head from 600 to 3600 11 5M BOP stack and 5M kill lines and choke manifold used from 3600 to 10138 & 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 10138 to TD	



**DRILLING PROGRAM**

**CASING PROGRAM**

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0' - 800	54.5	J-55	STC	2,730	1,130	1,399
						4.27	3.04	32.09
SURFACE	9-5/8"	0' - 3600	40.00	K-55	LTC	3,950	2,570	561
INTERMEDIATE	7"	0' - 10138	26.00	HCP-110	LTC	9,950	7,800	693
						1.23	1.48	2.14
PRODUCTION LINER	4 1/2"	9938' - 14200	13.50	P-110	LTC	12,410	10,680	338
						4.35	1.07	2.32

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		800	Class G + 3% CACL2	540	10%	15.6 ppg	1.15
SURFACE	Lead	3,100	Premium Lite II Plus, 2% CaCl2 0.3% FL52 0.5% Sodium Metasilicate	610	100%	11.0 ppg	3.2
	Tail	500	Class G 50:50 poz, 2% CaCl2, 2% gel 0.3% sodium metasilicate	260	100%	14.1 ppg	1.25
INTERMEDIATE	Lead	6,238	CemCRETE Blend 55.9/44.1 (D961/D124) + 0.2 %bwob D65 + 0.2 %bwob D46 + 0.4 %bwob D13 + 0.2 %bwob D167	390	35%	11.5 ppg	3.30
	Tail	500	10:0 RFC (Class G)	50	35%	12.5 ppg	2.30
PRODUCTION LINER		4,262	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	270	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 float shoe, 1 joint casing & PDC drillable float 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 bow spring centralizers on first 3 joints, then every 3rd joint.
LINER	Float shoe, 3 joints, float collar. Bow spring centralizer every other joint. Thread lock all FE

PROJECT ENGINEER(S): Neil McRobbie

MANAGER: Eric Giles

<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> Dye 2-28A1
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP	<b>9. API NUMBER:</b> 43013500660000
<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</b> <b>FOOTAGES AT SURFACE:</b> 0729 FSL 1100 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 28 Township: 01.0S Range: 01.0W 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: 4/15/2010	<input type="checkbox"/> ACIDIZE	<input checked="" 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 type="checkbox"/> OTHER	OTHER:

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

EL PASO REQUESTS APPROVAL TO REVISE CASING FOR SUBJECT WELL SCHEDULED TO DRILL APPROXIMATELY MID APRIL: SET CONDUCTOR 200' DEEPER TO 800'. SET 7" AT 5400'(PREVIOUS 6984'). UPGRADE TO HCP-110. SEE ATTACHED WBD.

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

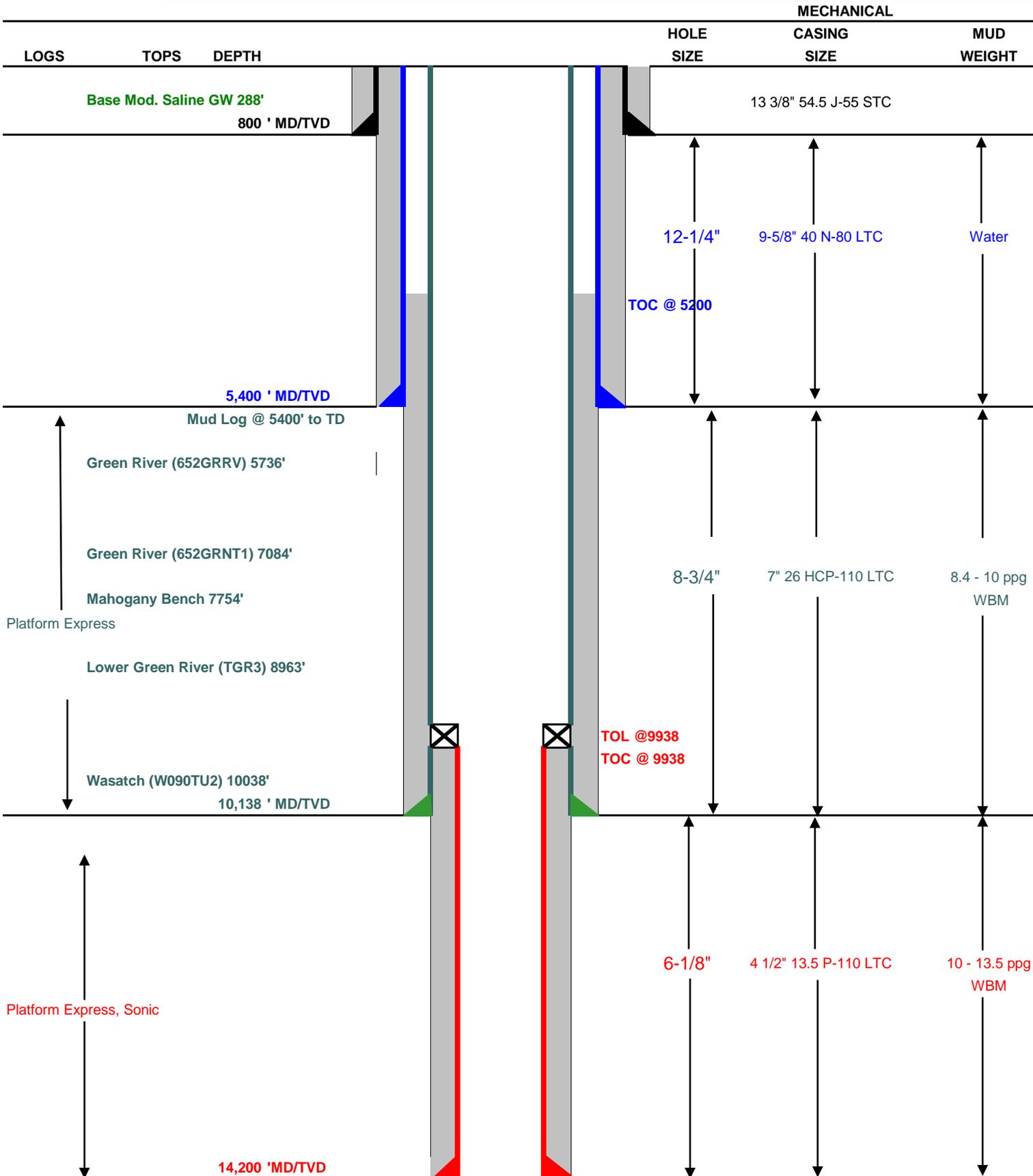
Date: March 11 2010  
 By: *Derek Quist*

<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> 3/8/2010	



Drilling Schematic

<b>Company Name:</b> El Paso Exploration & Production	<b>Date:</b> March 8, 2010
<b>Well Name:</b> Dye 2-28A1	<b>TD:</b> 14,200
<b>Field, County, State:</b> Altamont - Bluebell, Duchesne, Utah	<b>AFE #:</b> 140389
<b>Surface Location:</b> Sec 28 T1S R1W 729' FSL 1100' FWL	<b>BHL:</b> Vertical Well
<b>Objective Zone(s):</b> Green River, Wasatch	<b>Elevation:</b> 5288
<b>Rig:</b> Precision drilling 426	<b>Spud (est.):</b>
<b>BOPE Info:</b> 5.0 x 13 3/8 rotating head from 600 to 5400 11 5M BOP stack and 5M kill lines and choke manifold used from 5400 to 10138 & 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 10138 to TD	



**DRILLING PROGRAM**

**CASING PROGRAM**

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0' - 800	54.5	J-55	STC	2,730	1,130	1,399
						4.27	3.04	32.09
SURFACE	9-5/8"	0' - 5400	40.00	N-80	LTC	5,750	3,090	737
						1.33	1.22	2.56
INTERMEDIATE	7"	0' - 10138	26.00	HCP-110	LTC	9,950	7,800	693
						1.23	1.48	2.14
PRODUCTION LINER	4 1/2"	9938' - 14200	13.50	P-110	LTC	12,410	10,680	338
						4.35	1.07	2.32

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		800	Class G + 3% CaCl2	540	10%	15.6 ppg	1.15
SURFACE	Lead	4,900	Premium Lite II Plus, 2% CaCl2 0.3% FL52 0.5% Sodium Metasilicate	960	100%	11.0 ppg	3.2
	Tail	500	Class G 50:50 poz, 2% CaCl2, 2% gel 0.3% sodium metasilicate	260	100%	14.1 ppg	1.25
INTERMEDIATE	Lead	4,438	CemCRETE Blend 55.9/44.1 (D961/D124) + 0.2 %bwob D65 + 0.2 %bwob D46 + 0.4 %bwob D13 + 0.2 %bwob D167	280	35%	11.5 ppg	3.30
	Tail	500	10:0 RFC (Class G)	50	35%	12.5 ppg	2.30
PRODUCTION LINER		4,262	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	270	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

<p><b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p><b>FORM 9</b></p>
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.</p>	<p><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE</p>
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<p><b>2. NAME OF OPERATOR:</b> EL PASO E&amp;P COMPANY, LP</p>	<p><b>9. API NUMBER:</b> 43013500660000</p>
<p><b>3. ADDRESS OF OPERATOR:</b> 1099 18th ST, STE 1900 , Denver, CO, 80202</p>	<p><b>PHONE NUMBER:</b> 303 291-6417 Ext</p>
<p><b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0729 FSL 1100 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 28 Township: 01.0S Range: 01.0W Meridian: U</p>	<p><b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT</p>
	<p><b>COUNTY:</b> DUCHESNE</p>
	<p><b>STATE:</b> UTAH</p>

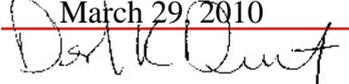
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

El Paso requests approval to change the surface casing depth and grade of casing. Previous revision was approved 3-11-10. Current request for REVISION #2: Surface Casing Depth @ 3600' Surface Casing Grade: K-55 See attached WBD.

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

Date: March 29, 2010  
By: 

<p><b>NAME (PLEASE PRINT)</b> Marie Okeefe</p>	<p><b>PHONE NUMBER</b> 303 291-6417</p>	<p><b>TITLE</b> Sr Regulatory Analyst</p>
<p><b>SIGNATURE</b> N/A</p>	<p><b>DATE</b> 3/23/2010</p>	



**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 43013500660000**

**7" intermediate casing shall be cemented back to 3400' MD as proposed in the drilling plan.**

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

**Date:** March 29, 2010  
**By:** *Dan K. Quist*

Well name: **43013500660000 El Paso Dye 2-28A1**  
 Operator: **El Paso E & P Company, L.P.**  
 String type: **Surface** Project ID: **43-013-50066-0000**  
 Location: **Duchesne County, Utah**

**Design parameters:**

**Collapse**

Mud weight: 8.900 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: 115 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 600 ft

Cement top:

11 ft *u/18840*

**Burst**

Max anticipated surface pressure: 3,036 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 3,828 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: 3,123 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 10,138 ft  
 Next mud weight: 10.000 ppg  
 Next setting BHP: 5,266 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 5,983 ft  
 Injection pressure: 5,983 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)
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**Approved by the Utah Division of Oil, Gas and Mining**

Date: March 29, 2010  
 By: *Dustin K. Doucet*

Prepared by: **Dustin K. Doucet**  
 Div of Oil, Gas & Mining

Phone: (801) 538-5281  
 FAX: (801) 359-3940

Date: **March 29, 2010**  
 Salt Lake City, Utah

**Remarks:**

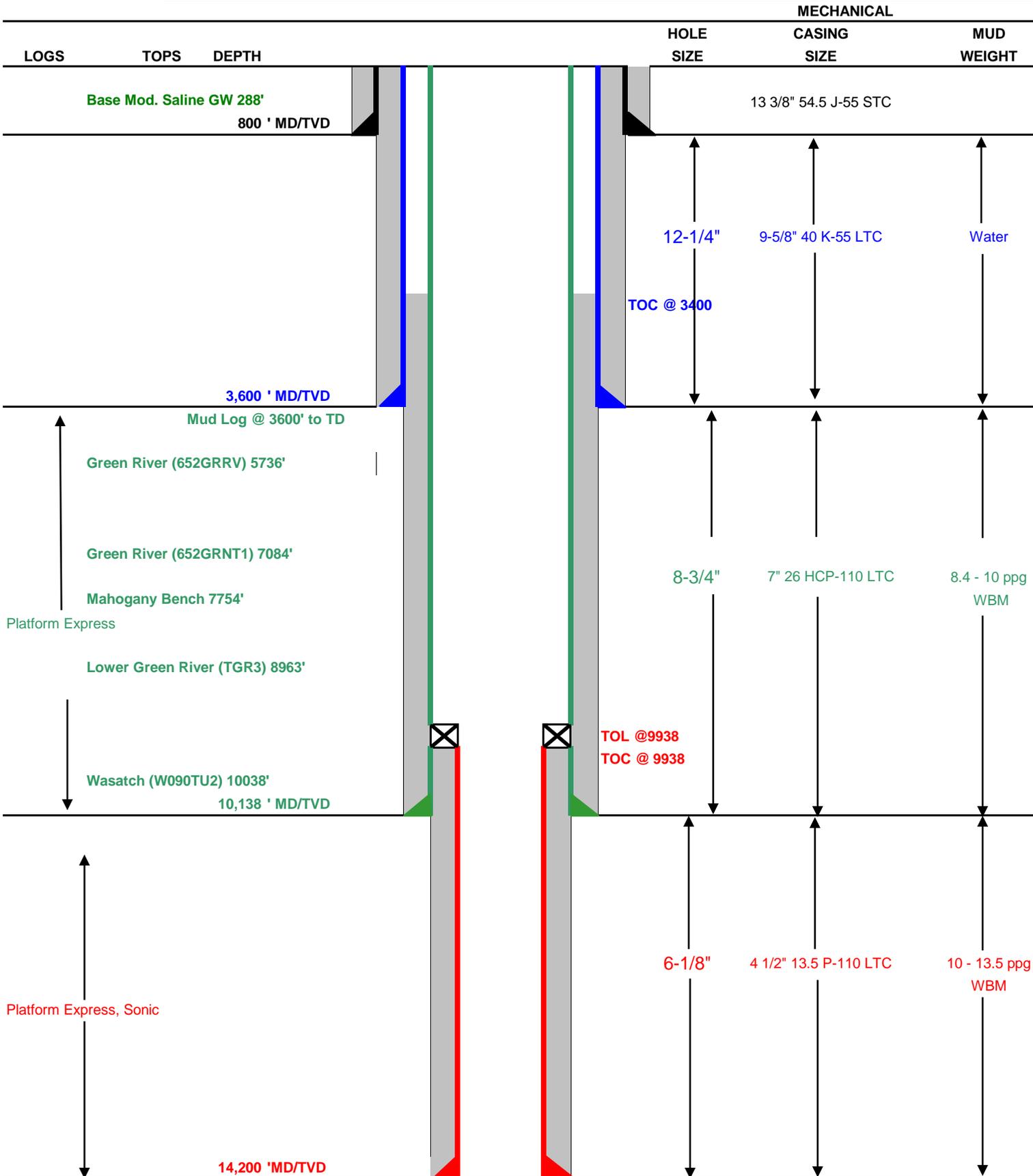
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Drilling Schematic

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<b>Well Name:</b> Dye 2-28A1	<b>TD:</b> 14,200
<b>Field, County, State:</b> Altamont - Bluebell, Duchesne, Utah	<b>AFE #:</b> 140389
<b>Surface Location:</b> Sec 28 T1S R1W 729' FSL 1100' FWL	<b>BHL:</b> Vertical Well
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<b>Rig:</b> Precision drilling 426	<b>Spud (est.):</b>
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**CASING PROGRAM**

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INTERMEDIATE	7"	0' - 10138	26.00	HCP-110	LTC	9,950 1.23	7,800 1.48	693 2.14
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	Tail	500	Class G 50:50 poz, 2% CaCl2, 2% gel 0.3% sodium metasilicate	260	100%	14.1 ppg	1.25
INTERMEDIATE	Lead	6,238	CemCRETE Blend 55.9/44.1 (D961/D124) + 0.2 %bwob D65 + 0.2 %bwob D46 + 0.4 %bwob D13 + 0.2 %bwob D167	390	35%	11.5 ppg	3.30
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LINER	Float shoe, 3 joints, float collar. Bow spring centralizer every other joint. Thread lock all FE

PROJECT ENGINEER(S): Neil McRobbie

MANAGER: Eric Giles

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
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<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> Dye 2-28A1
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<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP	<b>9. API NUMBER:</b> 43013500660000
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<b>3. ADDRESS OF OPERATOR:</b> 1099 18th ST, STE 1900 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 291-6417 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0729 FSL 1100 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 28 Township: 01.0S Range: 01.0W Meridian: U	<b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH
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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: 7/12/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 September 15, 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> 9/14/2010	



# EL PASO PRODUCTION Operations Summary Report

Legal Well Name:	DYE 2-28A1		
Common Well Name:	DYE 2-28A1	Spud Date:	5/8/2010
Event Name:	DRILLING	Start:	2/17/2010
Contractor Name:	PRECISION DRILLING TRUST	End:	7/13/2010
Rig Name:	PRECISION	Rig Release:	7/12/2010
		Rig Number:	426
		Group:	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/7/2010	08:00 - 12:00	4.00	D	01		MOVE IN PRO PETRO RIG # 5 & SUPPORT EQUIPMENT DRILLING CREWS TRAVELED TO ALTAMONT OFFICE HELD SAFETY STAND DOWN MEETING WAS CONDUCTED BY WALTER GALLOWAY & WAYNE GARNER ( ELPASO REPRESENTITIVES ) BOTH PRO PETRO DRLG. CREWS, SAFETY SUPERVISOR & DRLG. SUPERVISOR & ELPASO DRLG. CONSULTANT WERE IN ATTENDANCE CREWS TRAVELLED HOME WILL CONTINUE RIGGING UP TOMMOROW MORNING
	12:00 - 16:00	4.00	D			
	16:00 - 18:00	2.00	D			
4/8/2010	06:00 - 08:00	2.00	D	01		MOVE PRO PETRO #5 TO DYE 2-28A1
	08:00 - 11:00	3.00	D	01		RIG UP DRLG. RIG HOLD PRESPUD SAFETY MEETING
	11:00 - 17:30	6.50	D	03		DRILL 171/2" HOLE FROM 60' TO 270'
	17:30 - 18:00	0.50	D	05		ACC. SURVEY TIME
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:15 - 04:30	10.25	D	03		DRILL 171/2" HOLE F/ 270' TO 845' CASG. PT.
	04:30 - 05:00	0.50	D	05		ACC. SURVEY TIME
	05:00 - 06:00	1.00	D	08		CIRC. HOLE CLEAN
	06:00 - 06:30	0.50	D	05		SURVEY 820' 7/8"
	06:30 - 09:00	2.50	D	04		POH LAY DOWN DRILL STRING
	09:00 - 11:30	2.50	D	12		SAFETY MEETING RIG UP & RUN CASG. RAN 19 JTS. 133/8" 54.5# J55 ST&C CASG. LENGTH WITH FLOAT EQUIP. 822.28' CIRC. CASG. CAP. W/ WATER RIG IN CMT. HEAD CMT'D CASG. W/ 900 SX (184 BBLs. ) CLASS G 15.8 PPG W/ 2% CACL2 + 1/4# / SX FLOCELE DISPLACED W/ 120 BBLs. WATER HAD 75 BBLs. CMT. RETURNS PLUG DOWN @1314 HRS 4/7/2010 NO DROP IN ANNULUS
	11:30 - 14:00	2.50	D	14		
5/1/2010	14:00 - 16:00	2.00	D	01		RIG OUT AND PREPARE TO MOVE TO TAYLOR 3-34C6
	06:00 - 06:15	0.25	D	18		RELEASED FROM MEEKS 3-32A4 AT 06:00 4/30/2010. RIGDOWN RIG
	06:15 - 18:00	11.75	D	01		RIGDOWN RIG FROM OLD LOCATION, RACKING BOARD AND DERRICK LOWERED. FRAME OFF HOUSEING, EQUIPMENT OFF MUD PITS. CORDS ALL ROLLED UP EXCEPT THOSE TO LOWER DRAWWORKS. MOVED CAMP TO NEW LOCATION AND OPERATIONAL. TWO CRANES AND SEVERAL TRUCKS FROM WEST ROC WERE USED.
5/2/2010	18:00 - 06:00	12.00	D	18		WAITING FOR DAYLIGHT TO CONTINUE RIG MOVE.
	06:00 - 06:30	0.50	D	18		SAFETY MEETING W/ RIG MOVERS & RIG CREWS
	06:30 - 20:00	13.50	D	01		AT NEW LOCATION THE CONDUCTOR WAS CUT OFF AND THE BRADEN HEAD INSTALLED. THE BSECTION WAS THEN INSTALLED. RIG MATTS WERE SET IN FOR SUB SECTION. RIG DOWN AT MEEKS 3-32A4 AND MOVE TO NEW LOCATION. ALL MAJOR COMPONENTS OFF LOCATION. ALL SUB DISASSEMBLED AND MOVED. ALL THAT IS LEFT IS SMALL PIECES. 4 TO 6 LOADS LEFT. ATTEMPTED TO BREAK SPLIT BUSHING OFF WELLHEAD AFTER REMOVING THE TOP WELLHEAD SPOOL. LOCKDOWN NUTS WERE NOT TIGHT. TIGHTEN LOCKDOWNS AND WAIT TO GET PROPER TOOL TO ATTEMPT TO BREAK SPLIT BUSHING. COVER WELL HEAD AND SHUT DOWN FOR NIGHT. WEATHERFORD WILL RETURN TO FINISH THE WELLHEAD.
5/3/2010	20:00 - 06:00	10.00	D	01		SHUT DOWN FOR DAY LIGHT
	06:00 - 06:15	0.25	D	18		SAFETY MEETING W/ RIG CREWS & RIG MOVERS
	06:15 - 20:00	13.75	D	01		HAD 4" OF SNOW FALL BETWEEN 0600 & 1000 HRS. BY 1300 HRS. SNOW STOPPED & SUN CAME OUT WITH TEMPERATURES

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name:	DYE 2-28A1		
Common Well Name:	DYE 2-28A1	Spud Date:	5/8/2010
Event Name:	DRILLING	Start:	2/17/2010
Contractor Name:	PRECISION DRILLING TRUST	End:	7/13/2010
Rig Name:	PRECISION	Rig Release:	7/12/2010
		Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/3/2010	06:15 - 20:00	13.75	D	01		IN THE MID 70'S LEASE DRYING UP QUITE NICELY SPOTTED REMAINDER OF MATTING SPOTTED, PINNED SUB BASES TOGETHER & LEVELED SAME SET ON BOP STACK SET IN MUD MANIFOLD SKID, BOTH MUD TANKS, ALL SUPPORT BUILDINGS PIN DERRICK TOGETHER SET ON & PIN DRAW WORKS & DOG HOUSE START TO RUN POWER CABLES CONT. WITH GENERAL RIG UP
5/4/2010	20:00 - 06:00	10.00	D	01		WAIT ON DAY LIGHT
	06:00 - 06:15	0.25	D	18		SAFETY MEETING W/ RIG CREWS & RIG MOVERS
	06:15 - 20:00	13.75	D	01		SET ON SHALE SHAKERS SPOT CABLE OCTOPUS SET IN GAS BUSTER, HOOK UP LINES TO FLOW LINE & RETURN LINE TO SHAKERS REPLACED AND STRING NEW TUGGER & BOOM LINE CABLES PREPARE & RAISE DRAW WORKS SET IN SUIT CASES & HOOK UP FUEL, WATER & AIR LINES SET IN #3 GENERATOR BUILDING & PREMIX TANK CONT. WITH GENERAL RIG UP ELECTRICIAN HAVING ISSUES WITH ELECTRICAL SYSTEM HAVE 4 MAN CREW STEAM CLEANING & SCRUBING DERRICK, RACKING PLAT FORM 2 WELDING CREWS HAVE BEEN MAKING REPAIRS TO MUD TANKS
5/5/2010	20:00 - 06:00	10.00	D	01		WAIT ON DAY LIGHT
	06:00 - 06:15	0.25	D	18		SAFETY MEETING W/ RIG CREWS & RIG MOVERS
	06:15 - 20:00	13.75	D	01		PREPARE, INSPECT & RAISE DERRICK PIN & RAISE RACKING PLATFORM RIG UP DRILL FLOOR INSPECT CONNECTIONS ON TOP DRIVE & SWIVEL ( ALL CK'D OUT OK ) SPOT CATWALK RAISE V - DOOR SLIDE CONT. HOOKING UP HYDRAULIC LINES, AIR LINES ETC. CHANGE LINERS IN # 2 PUMP F/ 51/2" TO 6" 2 WELDING CREWS MAKING REPAIRS TO MUD TANKS 3 MAN ROUSTABOUT CREW CLEANING RIG COMPONENTS CONT. W/ GENERAL RIG UP BROUGHT OVER 130 BBLs. 14.3# DRLG. MUD F/ MEEKS LOC. PUT IN PREMIX TANK
5/6/2010	20:00 - 06:00	10.00	D	01		WAIT ON DAY LIGHT
	06:00 - 06:15	0.25	D	18		SAFETY MEETING WITH DRILL CREWS RIGGING UP
	06:15 - 20:00	13.75	D	01		REMOVE LOW DRUM CLUTCH ASSEMBLY ( STARTED LEAKING THE LAST 10 DAYS ON THE MEEKS WELL ) THIS IS A FAIRLY BIG JOB REQUIRING A MECHANIC & WELDER TO REMOVE NEW DRUM CLUTCH ASS. WILL BROUGHT IN F/ HUSTON TEXAS SHOULD BE HERE IN AM INSTALL TOP DRIVE ( REPAIRING NUMEROUS OIL LEAKS ) HOOKED UP HYDRAULIC LINES TO BOP HOOK UP CHOKE, KILL LINES & GAS LINES TO FLARE TANK ONE WELDING CREW STILL MAKING REPAIRS TO MUD SYSTEM FILLED MUD TANKS WITH WATER, CHECKING FOR LEAKS 3 MAN ROUSTABOUT CREW CLEANING MUD TANKS & SUB STRUCTURE CONT. WITH GENERAL RIG UP
5/7/2010	20:00 - 06:00	10.00	D	01		WAIT ON DAY LIGHT
	06:00 - 06:15	0.25	D	03		SAFETY MEETING W/ DRLG. CREWS RIGGING UP
	06:15 - 14:00	7.75	D	01		FINISH INSTALLING GRANT ROTATING HEAD INSTALL NEW LOW CLUTCH ASSEMBLY RIG UP DRILL FLOOR
	14:00 - 18:00	4.00	D	15		CHANGE 3 1/2" RAMS TO 5"
	18:00 - 20:00	2.00	D	18		SAFETY MEETING & PRE SPUD MEETING W/ ERIC, NEIL, DWIGHT, WALT & PD 426 CREWS.
	20:00 - 00:00	4.00	D	15		CHANGE 3 1/2" RAMS TO 5".
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON USE OF STINGER ON LOADER & PRESSURE TESTING.

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name: DYE 2-28A1	Start: 2/17/2010	Spud Date: 5/8/2010
Common Well Name: DYE 2-28A1	End: 7/13/2010	
Event Name: DRILLING	Rig Release: 7/12/2010	Group:
Contractor Name: PRECISION DRILLING TRUST	Rig Number: 426	
Rig Name: PRECISION		

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/7/2010	00:15 - 02:15	2.00	D	15		TIGHTEN A/B SPOOL WITH WEATHERFORD.
	02:15 - 06:00	3.75	D	15		TEST CHOKE MANIFOLD 250 PSI LOW 5000 PSI HIGH.
5/8/2010	06:00 - 06:15	0.25	D	09		HAND OVER & PRETOUR SAFETY MEETING BOP TESTING
	06:15 - 18:00	11.75	D	09		PRESS. TEST CASG. 1000 PSI FOR 30 MIN. OK SET TEST PLUG IN WELL HEAD & PRESS. TEST UPPER & LOWER PIPE RAMS, BOTH INNER & OUTER KILL & CHOKE LINE VALVES, CHOKE LINE & ALL WELL HEAD CONNECTIONS , TO 250 PSI LOW & 5000 PSI HIGH ANNULAR PREVENTOR TO 250 PSI LOW & 2500 PSI HIGH BACK OUT DP FROM TEST PLUG PRESS TEST BLIND RAMS TO 250 PSI LOW & 5000 PSI HIGH ALL TESTS 10 MIN. DURATION SAFETY MEETING ON PRESSURE TESTING.
	18:00 - 18:15	0.25	D	18		PRESSURE TESTING STAND PIPE 4000 PSI HIGH 250 PSI LOW.
	18:15 - 01:45	7.50	D	09		WELD PIN HOLE LEAKS IN STAND PIPE (S PIPE HALF WAY UP STAND PIPE). WELD PIN HOLE LEAKS IN STAND PIPE DOWN BY PUMP VALVES. REPLACE RUBBER GASKET IN HAMMER UNION HALF WAY UP STAND PIPE. INSTALL WEAR BUSHING. CENTER STACK. INSTALL FLOW LINE NIPPLE.
5/9/2010	01:45 - 02:00	0.25	D	18		SAFETY MEETING ON USE OF TONGS.
	02:00 - 03:00	1.00	D	06		SERVICE RIG. CUT DRILL LINE.
	03:00 - 06:00	3.00	D	04		PU RIH W/ BHA #1 & MWD TOOLS.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING PICKING UP DC'S
	06:15 - 10:00	3.75	D	04		CONT. RUNNING IN HOLE PICKING UP 121/4" TBR'S, 9" DC'S, 7" DC'S & HWDP TAG CMT. TOP AT @812'
	10:00 - 10:15	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C/O 7 SEC'S
	10:15 - 11:30	1.25	D	13		DRILL CMT. & SHOE TRACK F/ 812' - 855'
	11:30 - 12:00	0.50	D	03		DRILL 121/4" HOLE F/ 855' - 865'
	12:00 - 12:30	0.50	D	08		CIRC. HOLE CLEAN
	12:30 - 13:15	0.75	D	18		CONDUCT FIT TEST MUD WT. 8.4 PPG ADDED SURFACE
	13:15 - 14:15	1.00	D	03		PRESS. 310 PSI EQUIV. .8PSI / FT.
	14:15 - 16:00	1.75	DT	65		DRILL F/ 865' - 959' 94' / HR.
	16:00 - 17:30	1.50	D	03		4" HAMMER UNION ON SWIVEL LEAKING ( THREADS WASHED OUT ) PULL UP INTO CASG. SHOE CHANGE OUT HAMMER UNION RUN BACK TO BTM.
	17:30 - 18:00	0.50	D	05		DRILL F/ 959' - 1145' 124' / HR. 800 GPM
	18:00 - 18:15	0.25	D	18		ACC. SURVEY & CONNECTION TIME
	18:15 - 23:00	4.75	D	03		CREW CHANGE. SAFETY MEETING ON SETTING AND PULLING SLIPS.
	23:00 - 23:45	0.75	D	05		DRILL 12 1/4" HOLE F/ 1145' TO 1958' (DRLD 813' @ 171.16 FPH).
	23:45 - 00:00	0.25	D	06		800 GPM, 1953 PSI, 10K TO 25K WOB, 8.4 WATER.
00:00 - 00:15	0.25	D	18		ACC. SURVEY & CONNECTION TIME.	
00:15 - 01:30	1.25	D	03		RIG SERVICE.	
5/10/2010	01:30 - 04:30	3.00	D	08		SAFETY MEETING ON HOUSE KEEPING.
	04:30 - 05:00	0.50	D	05		DRILL 12 1/4" HOLE F/ 1958' TO 2180' (DRLD 222' @ 177.60 FPH).
	05:00 - 06:00	1.00	D	03		800 GPM, 1953 PSI, 10K TO 25K WOB, 8.4 WATER.
	06:00 - 06:15	0.25	D	18		CIRCULATE CLEAN HOLE. SHUT WELL IN WATER FLOW 1.5 BBL'S MIN. WELL SHUT IN PRESSURE 170 PSI. DISPLACE HOLE WITH 10.2 PPG MUD. BUILD #4 PIT WITH 10.2 PPG MUD.
	06:15 - 07:45	1.50	D	03		ACC. SURVEY & CONNECTION TIME.
						DRILL 12 1/4" HOLE F/ 2180' TO 2210' (DRLD 30' @ 30.00 FPH). 658 GPM, 1691 PSI, 25K WOB, 10.1 PPG MUD, 43 VIS. NO FLOW.

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# EL PASO PRODUCTION Operations Summary Report

**Legal Well Name:** DYE 2-28A1  
**Common Well Name:** DYE 2-28A1  
**Event Name:** DRILLING  
**Contractor Name:** PRECISION DRILLING TRUST  
**Rig Name:** PRECISION

**Spud Date:** 5/8/2010  
**Start:** 2/17/2010  
**End:** 7/13/2010  
**Rig Release:** 7/12/2010  
**Group:**  
**Rig Number:** 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/10/2010	07:45 - 08:00	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 26 SEC'S
	08:00 - 16:45	8.75	D	03		DRILL F/ 2275' - 2711' 49.82' / HR.. INCREASED MUD WT. F/ 10.2 PPG TO 10.8 PPG
	16:45 - 18:00	1.25	D	05		ACC. SURVEY & CONNECTION TIME
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON SETTING AND PULLING SLIPS.
	18:15 - 23:00	4.75	D	03		DRILL 12 1/4" HOLE F/ 2711' TO 2950' (DRLD 239' @ 50.32 FPH). 658 GPM, 1523 PSI, 25K WOB, 11.0 PPG MUD, 43 VIS. NO FLOW.
	23:00 - 23:15	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 24 SECONDS.
	23:15 - 00:00	0.75	D	05		ACC. SURVEY & CONNECTION TIME.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON MIXING MUD ON TANKS.
	00:15 - 05:15	5.00	D	03		DRILL 12 1/4" HOLE F/ 2950' TO 3115' (DRLD 165' @ 33.00 FPH). 658 GPM, 1523 PSI, 25K WOB, 11.0 PPG MUD, 43 VIS. NO FLOW.
	05:15 - 05:30	0.25	D	06		RIG SERVICE. FUNCTION LOWER PIPE RAMS 7 SEC.
05:30 - 06:00	0.50	D	05		ACC. SURVEY & CONNECTION TIME.	
5/11/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 16:15	10.00	D	03		DRILL 12 1/4" HOLE F/ 3115' - 3396' 28.10' / HR. NO LOSSES OR GAINS MUD WT. 11.1 PPG
	16:15 - 16:30	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S
	16:30 - 18:00	1.50	D	05		ACC. SURVEY & CONNECTION TIME.
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON CONFINED SPACE ENTRY. JSA 24, 48, 32, 44 & 77.
	18:15 - 23:30	5.25	D	03		DRILL 12 1/4" HOLE F/ 3396' TO 3437' (DRLD 41' @ 7.81 FPH). 831 GPM, 2076 PSI, 25K TO 40K WOB, 11.0 PPG MUD, 43 VIS. NO FLOW. NO LOSSES. NO GAINS. PUMPED 7 SWEEPS BIT BALLED UP.
	23:30 - 23:45	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SECONDS.
	23:45 - 00:00	0.25	D	05		ACC. SURVEYS AND CONNECTION TIME.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON WORKING ON THE ROOF. JSA 51, 107, 54, 19 & 76.
	00:15 - 02:15	2.00	D	03		DRILL 12 1/4" HOLE F/ 3437' TO 3456' (DRLD 19' @ 9.50 FPH). 831 GPM, 2076 PSI, 25K TO 40K WOB, 11.0 PPG MUD, 43 VIS. NO FLOW. NO LOSSES. NO GAINS. PUMPED 2 SWEEPS BIT BALLED UP.
02:15 - 02:30	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 24 SECONDS.	
02:30 - 03:15	0.75	D	05		ACC. SURVEYS AND CONNECTION TIME.	
03:15 - 06:00	2.75	D	03		DRILL 12 1/4" HOLE F/ 3456' TO 3595' (DRLD 139' @ 50.55 FPH). 831 GPM, 2076 PSI, 35K WOB, 11.0 PPG MUD, 43 VIS. NO FLOW. NO LOSSES. NO GAINS. PUMPED 2 SWEEPS.	
5/12/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING MIXING MUD CHEMICALS
	06:15 - 06:45	0.50	D	03		DRILL 12 1/4" HOLE F/ 3595' - 3618' CASG. PT.
	06:45 - 07:30	0.75	D	08		CIRC. COND. MUD & HOLE MUD WT. 11.2 PPG VIS 43
	07:30 - 09:30	2.00	D	04		POH UP TO CASG. SHOE TIGHT HOLE F/ 2947' - 1151' 14K TO 98K OVER PUL LAST 3 STD'S BEFORE CASG. SHOE HOLE WAS FREE
	09:30 - 10:30	1.00	D	04		RIH F/ CASG. SHOE TO 2100' (2180' WAS WHERE FIRST SIGN OF WATER FLOW WAS DETECTED) STRING STARTED TAKING WT.
	10:30 - 12:15	1.75	DT	56		WASH & REAM F/ 2100' - 2323' EASY REAMING HAD 3" DIAMETER SHALE CAVINGS COMMING OUT OF HOLE
12:15 - 13:30	1.25	DT	67		CIRC. WITH 1 PUMP WHILE REPAIRING ( CLEANING OUT ) PUMP # 2	

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Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Spud Date: 5/8/2010  
 Start: 2/17/2010  
 End: 7/13/2010  
 Rig Release: 7/12/2010  
 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/12/2010	13:30 - 14:00	0.50	DT	67		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	14:00 - 16:00	2.00	DT	56		RIH F/ 2323' - 3430'
	16:00 - 17:00	1.00	DT	56		WASH & REAM F/ 3430' - 3618' LAST 15' HARD REAMING A LOT OF LARGE SIZED CAVINGS COMMING OVER SHAKERS
	17:00 - 18:00	1.00	DT	56		CIRC. COND. MUD & HOLE AFTER BTMS. UP SHAKERS ARE STARTING TO CLEAN UP
	18:00 - 18:15	0.25	DT	67		CREW CHANGE. SAFETY MEETING ON TRIPPING PIPE OUT OF HOLE. JSA #32, #22, #38, #47, #55 AND 10 SET BACK 5 X 5's.
	18:15 - 19:45	1.50	DT	56		POH F/ 3618' TO 800'.
	19:45 - 20:00	0.25	DT	67		RIG SERVICE.
	20:00 - 20:30	0.50	DT	56		RIH F/ 800' TO 2218'. HOLE IN GOOD SHAPE F/ 800' TO 2218'.
	20:30 - 21:00	0.50	DT	67		WASH & REAM F/2218' TO 2230' WT ON BIT 10K TO 30K VIS 43 756 GPM. MUD WT @ 2218' 11.2 PPG. MUD WT @ 2230' 10.5 PPG. (2180' WAS WHERE FIRST SIGN OF WATER FLOW WAS DETECTED)
	21:00 - 00:45	3.75	DT	67		PULL BIT UP TO 2118'. CIRCULATE & CONDITION MUD TO 11.6 PPG 43 VIS.
	00:45 - 01:00	0.25	DT	67		SAFETY MEETING ON TRIPPING HOLE. JSA #1, #25, #75, #83 AND 15 STEP BACK 5 X 5's.
	01:00 - 01:15	0.25	DT	67		RIG SERVICE. REPAIR #2 PUMP. FUNCTION LOWER PIPE RAMS 7 SECONDS.
	01:15 - 02:00	0.75	DT	56		WASH & REAM F/2218' TO 2230' WT ON BIT 10K TO 30K VIS 43 756 GPM. MUD WT @ 2218' 11.6 PPG. MUD WT @ 2230' 11.5 PPG. (2180' WAS WHERE FIRST SIGN OF WATER FLOW WAS DETECTED)
	02:00 - 05:30	3.50	DT	67		PULL BIT UP TO 2118'. CIRCULATE & CONDITION MUD F/ 11.6 PPG TO 11.8 PPG 43 VIS. REPAIR #2 PUMP.
05:30 - 06:00	0.50	DT	56		WASH & REAM F/ 2230' WT ON BIT 10K TO 30K VIS 43 756 GPM. MUD WT 11.8 PPG.	
5/13/2010	06:00 - 06:15	0.25	DT	56		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 09:30	3.25	DT	56		POH W/ BIT #1 BOTH TBR'S BALLED UP
	09:30 - 12:00	2.50	DT	56		LAY DOWN DIRECTIONAL TOOLS
	12:00 - 12:15	0.25	DT	56		RIG SER. FUNCTION BLIND RAMS C / O 7 SEC'S
	12:15 - 12:30	0.25	DT	56		SAFETY MEETING L / D DIR. TLS.
	12:30 - 15:45	3.25	DT	56		MAKE UP RR VAREL MILL TOOTH BIT & RIH TO 2541' DID NOT TOUCH ANY THING TO THIS PT.
	15:45 - 18:00	2.25	DT	56		WASH & REAM F/ 2541' - 3385'.
	18:00 - 18:15	0.25	DT	67		CREW CHANGE. SAFETY MEETING ON ON TRIPPING HOLE. JSA's REVIEWED #1, #2, #3, #4 & 10 5 X 5 STEP BACKS.
	18:15 - 19:15	1.00	DT	56		WASH & REAM F/ 3385' TO 3618' WT ON BIT 5K TO 30K VIS 44 820 GPM. MUD WT 12.0 PPG.
	19:15 - 20:30	1.25	DT	56		CIRCULATE & CONDITITION HOLE. 44 VIS 820 GPM MUD WT 12.0 PPG.
	20:30 - 22:15	1.75	DT	56		POOH F/ 3618' TO 800' FOR WIPER TRIP.
	22:15 - 22:30	0.25	DT	67		SERVICE RIG.
	22:30 - 23:45	1.25	DT	56		RIH F/ 800' TO 3618'. SMOOTH TRIP IN.
	23:45 - 00:00	0.25	DT	56		CIRCULATE & CONDITITION HOLE 820 GPM 12.0 PPG 45 VIS MUD.
00:00 - 00:15	0.25	DT	67		SAFETY MEETING ON LOCK OUT TAG OUT. JSA's REVIEWED #77, #91, #99, #63 & 15 5 X 5 STEP BACKS.	
00:15 - 00:30	0.25	DT	67		SERVICE RIG. FUNCTION ANNULAR 24 SECONDS.	
00:30 - 03:00	2.50	DT	56		CIRCULATE & CONDITITION HOLE 820 GPM 12.0 PPG 45 VIS MUD.	
03:00 - 06:00	3.00	DT	56		POOH TO RUN CASING. LD BHA #2.	
5/14/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING

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# EL PASO PRODUCTION Operations Summary Report

**Legal Well Name:** DYE 2-28A1  
**Common Well Name:** DYE 2-28A1  
**Event Name:** DRILLING  
**Contractor Name:** PRECISION DRILLING TRUST  
**Rig Name:** PRECISION

**Spud Date:** 5/8/2010  
**Start:** 2/17/2010  
**End:** 7/13/2010  
**Rig Release:** 7/12/2010  
**Group:**  
**Rig Number:** 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/14/2010	06:15 - 07:15	1.00	D	04		CONT. POH LAY DOWN DRLG. JARS & BOTH TBR'S FLOW CK. WELL STATIC
	07:15 - 07:30	0.25	D	06		RIG SER. FUNCTION BLIND RAMS C / O 7 SEC'S
	07:30 - 08:00	0.50	D	15		PULL WEAR BUSHING
	08:00 - 09:15	1.25	D	12		RIG IN TESCO CASG. RUNNING TOOL
	09:15 - 09:30	0.25	D	12		SAFETY MEETING WITH TESCO
	09:30 - 17:30	8.00	D			RAN 79 JTS. 95/8" 40# J55 LT&C CASG. TOTAL LENGTH WITH FLOAT EQUIP. & LANDING JT. 3611.29' NO PROBLEMS GOING IN HOLE WASHED LAST 3 JTS. TO BTM. LAYED DOWN 2 JTS. CASG. USED TO TAG BTM. MAKE UP LANDING JT. & CASG. HANGER
	17:30 - 18:00	0.50	D	12		CONT. CIRCULATING WHILE RIGGING OUT TESCO RUNNING TOOL
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON RIGGING DOWN TESCO RUNNING TOOL. JSA's REVIEWED #96, #109, #81, #110 & 10 X 5 STEP BACKS.
	18:15 - 19:30	1.25	D	14		RIG UP SCHLUMBERGER.
	19:30 - 23:00	3.50	D	14		CEMENT 9 5/8" 40# K-55 LTC SURFACE CASING WITH 20 BBLs FRESH WATER, 20 BBLs 12.2# MUD PUSH, LEAD CEMENT (35:65 POZ/G) CLASS G 297 BBLs (839 SKS) AT 12.5 PPG YEILD 1.99 FT3/SK WATER 10.93 GAL/SK, TAIL CEMENT (RFC) 61 BBLs (215 SKS) AT 14.2 PPG YEILD 1.61 FT3/SK WATER 8.08 GAL/SK. DROP PLUG ON THE FLY. DISPLACE WITH 270 BBLs OF PIT WATER. BUMP PLUG FROM 875 PSI AT 2 BPM TO 1500 PSI. HOLD AND BLEED OFF. FLOATS HOLDING. 70 BBLs CEMENT RETURNS. RIG DOWN SCHLUMBERGER. 6 HRS AFTER CEMENT JOB ANNULAR STARTED TO PRESSURE UP TO 150 PSI AFTER 8 HRS 200 PSI. MAKE UP RUN IN PACK OFF TOOL.
	23:00 - 00:30	1.50	D	10		SAFETY MEETING ON SETTING AND PULLING SLIPS. JSA's REVIEWED #4, #25, #63, #82 & 10 X 5 STEP BACKS.
	00:30 - 00:45	0.25	D	18		PRESSURE PACK OFF TOOL TO 5000 PSI FOR 10 MIN. HELD.
	00:45 - 06:00	5.25	D	10		PRESSURE TEST CASING FOR 30 MIN. HELD. INSTALL WEAR BUSHING.
	5/15/2010	06:00 - 06:15	0.25	D	18	
06:15 - 11:30		5.25	D	04		RIH W/ 83/4" RR MILL TOOTH BIT TAG CMT. TOP AT 3555'
11:30 - 18:00		6.50	D	14		BRK. CIRC. EVERY 2 HRS. WHILE WAITING ON CMT. TO CURE
18:00 - 18:15		0.25	D	18		CREW CHANGE. SAFETY MEETING ON TRIPPING PIPE OUT. JSA's REVIEWED #2, #25, #38, #43 & #76. 5 X 5 STEP BACKS 10.
18:15 - 18:30		0.25	D	06		RIG SERVICE. FUNCTION LOWER PIPE RAMS 7 SECONDS.
18:30 - 23:00		4.50	D	14		WAIT ON CEMENT. PU MAKE UP AND STAND IN THE DERRICK 18 STANDS.
23:00 - 00:00		1.00	D	13		DRILL CEMENT AND FLOAT COLLAR F/ 3557' TO 3575'.
00:00 - 00:15		0.25	D	18		SAFETY MEETING.
00:15 - 01:00		0.75	D	13		DRILL CEMENT F/ 3575' TO 3600'. 5' FROM SHOE. END OF SHOE AT 3606' KB.
01:00 - 01:15		0.25	D	06		SERVICE RIG. FUNCTION ANNULAR 24 SECONDS.
01:15 - 02:45		1.50	D	08		CIRCULATE HOLE CLEAN.
02:45 - 06:00	3.25	D	04		POOH F/ 3600' TO 2700' FILL HOLE. FLOW CHECK. NO FLOW. POOH F/ 2700' TO 0' DIDN'T FILL HOLE. FLUID LEVEL 500' FROM SURFACE PER ORDERS FOR VSP LOGGING TOOL. READY FOR VSP LOGGING TOOL.	
5/16/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING LOGGING
	06:15 - 06:45	0.50	D	11		SAFETY MEETING WITH RIG CREWS & PERSONEL INVOLVED

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Spud Date: 5/8/2010  
 Start: 2/17/2010  
 End: 7/13/2010  
 Rig Release: 7/12/2010  
 Rig Number: 426  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
5/16/2010	06:15 - 06:45	0.50	D	11		WITH RUNNING VSP LOG	
	06:45 - 18:00	11.25	D	11		RIG IN HALLIBURTON WIRELINE SER. POSITION VIBRATOR UNITS ALONG LEASE ROAD RUN VSP LOG HAD SOME PROBLEMS WITH GEO PHONE PART OF LOGGING TOOL REPLACED SAME CONT. WITH LOGGING OPERATION	
	18:00 - 18:15	0.25	D	11		CREW CHANGE. SAFETY MEETING ON PAINTING. JSA's REVIEWED #105, #106, #95 & #99. 5 X 5 STEP BACKS 5.	
	18:15 - 00:00	5.75	D	11		RUNNING ZERO OFFSET VSP / OFFSET VSP SURVEYS W/ P & S WAVE VIBRATORS LOG W/ HALLIBURTON.	
	00:00 - 00:15	0.25	D	11		SAFETY MEETING TRIPPING IN HOLE.. JSA's REVIEWED #1, #25, #4 & #3. 5 X 5 STEP BACKS 10.	
	00:15 - 02:30	2.25	D	11		RD HALLIBURTON WIRE LINE.	
	02:30 - 02:45	0.25	D	06		RIG SERVICE. FUNCTION BLIND RAMS 8 SECONDS. BLEED 9 5/8" ANNULAR FULL OF SET UP CEMENT.	
	02:45 - 06:00	3.25	D	04		PU TIH BHA #4. FILL PIPE @ 892'.	
	5/17/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING LOADER OPERATION
		06:15 - 06:30	0.25	D	09		BOP DRILL WELL SECURE IN 125 MINS.
06:30 - 07:30		1.00	D	04		CONT. TIH 892' - 3600'	
07:30 - 08:00		0.50	D	13		DRILL OUT CMT. & SHOE DRILL OUT F/ 3606' - 3616'	
08:00 - 08:15		0.25	D	08		CIRC. HOLE CLEAN	
08:15 - 09:00		0.75	D	09		SAFETY MEETING W/ WEATHERFORD CONDUCT FIT TEST MUD WT. 8.4 PPG ADDED SURFACE PRESS. 1310 PSI EQUIV. TO .8 PSI / FT. 15.4 PPG MUD WT.	
09:00 - 17:00		8.00	D	03		DRILL 8 3/4" HOLE F/ 3616' - 4000' 48' / HR. BIT WT. 15K BIT RPM 135 GPM 496	
17:00 - 17:15		0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S	
17:15 - 18:00		0.75	D	05		ACC. SURVEY & CONNECTION TIME	
18:00 - 18:15		0.25	D	18		CREW CHANGE. SAFETY MEETING ON PULLING AND SETTING SLIPS. JSA's REVIEWED #43, #50, #76 & #99. 5 X 5 STEP BACKS 10.	
5/18/2010	18:15 - 22:45	4.50	D	03		DRILL 8 3/4" HOLE F/ 4000' TO 4191' (DRLD 191' @ 42.44 FPH). 500 GPM, 1038 PSI, 15K WOB, BIT RPM 142 & 8.4 ppg WATER. NO FLOW DURING CONNECTIONS.	
	22:45 - 23:45	1.00	D	05		ACC. SURVEY AND CONNECTION TIME.	
	23:45 - 00:00	0.25	D	06		SERVICE RIG. FUNCTION LOWER PIPE RAMS 7 SECONDS.	
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON WORKING IN THE DERRICK. JSA's REVIEWED #22, #19, #32, #37 & #44. 5 X 5 STEP BACKS 15.	
	00:15 - 05:15	5.00	D	03		DRILL 8 3/4" HOLE F/ 4191' TO 4391' (DRLD 200' @ 40.00 FPH). 500 GPM, 1038 PSI, 15K WOB, BIT RPM 142 & 8.4 ppg WATER. NO FLOW DURING CONNECTIONS.	
	05:15 - 05:30	0.25	D	06		SERVICE RIG. FUNCTION ANNULAR 24 SECONDS.	
	05:30 - 06:00	0.50	D	05		ACC. SURVEY & CONNECTION TIME.	
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING	
	06:15 - 17:15	11.00	D	03		DRILL 8 3/4" HOLE F/ 4391' - 4780' 35.36' / HR. 15K BIT WT. 134 RPM 500 GPM WELL STATIC ON CONNECTIONS	
	17:15 - 17:30	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S	
17:30 - 18:00	0.50	D	05		ACC. SURVEY & CONNECTION TIME		
18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON B.O.P. DRILL. JSA's REVIEWED #98, #19, #44 & #75. 5 X 5 STEP BACKS 10.		
18:15 - 22:15	4.00	D	03		DRILL 8 3/4" HOLE F/ 4780' TO 4917' (DRLD 137' @ 34.25 FPH). 500 GPM, 1138 PSI, 15K WOB, BIT RPM 142 & 8.4 ppg WATER. NO FLOW DURING CONNECTIONS. BBG 21 UNITS. CONN. GAS 23 UNITS.		

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

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Spud Date: 5/8/2010  
 Start: 2/17/2010 End: 7/13/2010  
 Rig Release: 7/12/2010 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/18/2010	22:15 - 22:30	0.25	D	06		RIG SERVICE. FUNCTION LOWER PIPE RAMS 7 SECONDS.
	22:30 - 23:00	0.50	D	05		ACC. SURVEY & CONNECTION TIME.
	23:00 - 00:00	1.00	D	03		DRILL 8 3/4" HOLE F/ 4917' TO 4965' (DRLD 48' @ 48.00 FPH). 500 GPM, 1150 PSI, 15K WOB, BIT RPM 142 & 8.4 ppg WATER. NO FLOW DURING CONNECTIONS. BBG 21 UNITS. CONN. GAS 23 UNITS.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON SETTING AND PULLING SLIPS. JSA's REVIEWED #4, #37, #51 & #61. 5 X 5 STEP BACKS 10.
	00:15 - 05:15	5.00	D	03		DRILL 8 3/4" HOLE F/ 4965' TO 5195' (DRLD 230' @ 46.00 FPH). 500 GPM, 1122 PSI, 15K WOB, BIT RPM 142 & 8.4 ppg WATER. NO FLOW DURING CONNECTIONS. BBG 21 UNITS. CONN. GAS 23 UNITS.
5/19/2010	05:15 - 05:30	0.25	D	06		RIG SERVICE. B.O.P. DRILL. FUNCTION HCR 3 SECONDS.
	05:30 - 06:00	0.50	D	05		ACC. SURVEY & CONNECTION TIME.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 06:30	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	06:30 - 17:30	11.00	D	03		DRILL 8 3/4" HOLE F/ 5195' - 5490' 26.81' / HR. BIT WT. 15K RPM 135 GPM 500 WELL STATIC ON CONNECTIONS
	17:30 - 18:00	0.50	D	05		ACC. SURVEY & CONNECTION TIME
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON USING B.O.P. TAGS. JSA's REVIEWED #40, #52 & #60. 5 X 5 STEP BACKS 10.
	18:15 - 23:30	5.25	D	03		DRILL 8 3/4" HOLE F/ 5490' TO 5610' (DRLD 120' @ 22.86 FPH). 500 GPM, 1106 PSI, 15K WOB, BIT RPM 142 & 8.4 ppg WATER. NO FLOW DURING CONNECTIONS. BBG 21 UNITS. CONN. GAS 23 UNITS. NO SLIDES
	23:30 - 23:45	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SECONDS.
	23:45 - 00:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON CONNECTIONS. JSA's REVIEWED #74, #77 & #99. 5 X 5 STEP BACKS 10.
	00:15 - 02:45	2.50	D	03		DRILL 8 3/4" HOLE F/ 5610' TO 5668' (DRLD 58' @ 23.20 FPH). 500 GPM, 1095 PSI, 15K WOB, BIT RPM 142 & 8.4 ppg WATER. NO FLOW DURING CONNECTIONS. BBG 21 UNITS. CONN. GAS 23 UNITS. NO SLIDES.
	02:45 - 03:00	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 24 SECONDS.
03:00 - 03:15	0.25	D	05		ACC. SURVEY & CONNECTION TIME.	
03:15 - 06:00	2.75	D	03		DRILL 8 3/4" HOLE F/ 5668' TO 5720' (DRLD 52' @ 18.91 FPH). 500 GPM, 1100 PSI, 15K WOB, BIT RPM 142 & 8.4 ppg WATER. NO FLOW DURING CONNECTIONS. BBG 21 UNITS. CONN. GAS 23 UNITS. NO SLIDES.	
5/20/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING 90' MOUSE HOLE CONNECTIONS
	06:15 - 06:30	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S
	06:30 - 17:30	11.00	D	03		DRILL 8 3/4" HOLE F/ 5720' - 5952' 21.09' / HR. RPM 130 GPM 500 BIT WT. 17K BGG 26 UNITS GAS SHOWS OF 69 UNITS & 91 UNITS COMMING F/ 5966' & 6009'
	17:30 - 18:00	0.50	D	05		ACC. SURVEY & CONNECTION TIME
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	18:15 - 21:30	3.25	D	03		DRILL 8 3/4" HOLE F/ 5952' - 6045' 28.61' / HR. GAS SHOW OF 525 UNITS COMMING FROM 6010' BGG 100 UNITS
	21:30 - 21:45	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
21:45 - 22:15	0.50	D	05		ACC. SURVEY & CONNECTION TIME	
22:15 - 00:00	1.75	D	03		DRILL F/ 6045' - 6134' 50.85' / HR. BGG 90 - 100 UNITS WELL STATIC ON CONNECTIONS	

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Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Spud Date: 5/8/2010  
 Start: 2/17/2010  
 End: 7/13/2010  
 Rig Release: 7/12/2010  
 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/20/2010	00:00 - 00:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING LOCK OUT TAG OUT
	00:15 - 05:15	5.00	D	03		DRILL 8 3/4" HOLE F/ 6134' - 6300' 33.20' / HR. RPM 130 GPM 500 BIT WT. 17K BGG 90 UNITS CONN. GAS 300 UNITS LITHOLOGY 75% SHALE 25% SANDSTONE
	05:15 - 05:30	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 24 SEC'S
5/21/2010	05:30 - 06:00	0.50	D	05		ACC. SURVEY & CONNECTION TIME
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING UNLOADING CASG.
	06:15 - 06:45	0.50	D	03		DRILL 8 3/4" HOLE F/ 6300' - 6330' 30' / HR. BGG 100 UNITS
	06:45 - 07:00	0.25	D	09		BOP DRILL WELL SECURE IN 90 SEC'S
	07:00 - 07:15	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 24 SEC'S
	07:15 - 07:45	0.50	D	05		ACC. SURVEY & CONNECTION TIME
	07:45 - 18:00	10.25	D	03		DRILL F/ 6330' - 6678' 33.95' / HR. BIT WT. 17K RPM 130 GPM 500 BGG 90 - 100 UNITS CONNECTION GAS 148 UNITS NO GAS SHOWS LAST 12 HRS. LITHOLOGY @6640' 85% SHALE 15% SANDSTONE TRACE OF LIMESTONE
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #4, #17, #76, #19, #38 & #44. 5 X 5 STEP BACKS 10.
	18:15 - 23:15	5.00	D	03		DRILL 8 3/4" HOLE F/ 6678' TO 6815' (DRLD 137' @ 27.40 FPH). 500 GPM, 1319 PSI, 17K WOB, BIT RPM 132 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 93 UNITS. CONN. GAS 139 UNITS. NO SLIDES.
	23:15 - 23:45	0.50	D	05		ACC. SURVEY & CONNECTION TIME.
	23:45 - 00:00	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 9 SECONDS.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING. JSA's REVIEWED #75, #77, & #99. 5 X 5 STEP BACKS 13.
	00:15 - 05:15	5.00	D	03		DRILL 8 3/4" HOLE F/ 6815' TO 6915' (DRLD 100' @ 20.00 FPH). 500 GPM, 1220 PSI, 17K WOB, BIT RPM 132 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 93 UNITS. CONN. GAS 139 UNITS. NO SLIDES.
	5/22/2010	05:15 - 05:45	0.50	D	05	
05:45 - 06:00		0.25	D	06		RIG SERVICE. FUNCTION LOWER PIPE RAMS 9 SECONDS.
06:00 - 06:15		0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING WORKING AROUND BOP'S
06:15 - 07:30		1.25	D	03		DRILL 8 3/4" HOLE F/ 6915' - 6933' 14.4' / HR. BGG 65 UNITS
07:30 - 08:00		0.50	D	08		CIRC. BTMS. UP
08:00 - 11:30		3.50	D	04		POH W/ BIT #4 TAKE REQUIRED FLOW CK'S WELL STATIC
11:30 - 15:00		3.50	D	04		CHANGE OUT MUD MOTOR & EM TOOL ( SET MOTOR TO 1.5" )
15:00 - 15:15		0.25	D	06		RIG SER. FUNCTION BLIND RAMS C / O 7 SEC'S
15:15 - 17:30		2.25	D	04		RIH W/ BIT #5 ULTERRA MT1366CDS TO CASG. SHOE
17:30 - 18:00		0.50	D	06		SLIP & CUT DRILL LINE
18:00 - 18:15		0.25	D	18		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #1, #17, #3, #63, & #4. 5 X 5 STEP BACKS 8.
18:15 - 20:30		2.25	D	04		RIH F/ 3425' TO 6933'. SURVEYED RIH @ 5985', 6079', 6172', 6266', 6360', 6452', 6546', 6639', 6732' & 6825'.
20:30 - 20:45		0.25	D	06		SERVICE RIG. FUNCTION PIPE RAMS 8 SECONDS.
20:45 - 22:45		2.00	D	05		POOH TO 5985'. SURVEYING EVERY 93' DUE TO SURVEY TOOL FAILURE WHEN TRIPPING IN.
22:45 - 23:15	0.50	D	04		RIH F/ 5985' TO 6933'.	
23:15 - 00:00	0.75	D	03		DRILL 8 3/4" HOLE F/ 6933' TO 6955' (DRLD 22' @ 29.33 FPH). 500 GPM, 1464 PSI, 5K TO 15K WOB, BIT RPM 132 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 65 UNITS.	

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name:	DYE 2-28A1		
Common Well Name:	DYE 2-28A1	Spud Date:	5/8/2010
Event Name:	DRILLING	Start:	2/17/2010
Contractor Name:	PRECISION DRILLING TRUST	End:	7/13/2010
Rig Name:	PRECISION	Rig Release:	7/12/2010
		Rig Number:	426
		Group:	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/22/2010	23:15 - 00:00	0.75	D	03		CONN. GAS 65 UNITS. NO SLIDES.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING. JSA's REVIEWED #83, #99, #76, #107, & #105. 5 X 5 STEP BACKS 8.
	00:15 - 00:30	0.25	D	06		RIG SERVICE. FUNCTION LOWER PIPE RAMS 9 SECONDS
	00:30 - 05:45	5.25	D	03		DRILL 8 3/4" HOLE F/ 6955' TO 7070' (DRLD 115' @ 21.90 FPH). 500 GPM, 1366 PSI, 15K WOB, BIT RPM 132 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 65 UNITS. CONN. GAS 65 UNITS. NO SLIDES.
5/23/2010	05:45 - 06:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING MAKING 90' MOUSE HOLE CONNECTIONS
	06:15 - 06:45	0.50	D	03		DRILL 8 3/4" HOLE F/ 7065' - 7070'
	06:45 - 07:00	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S
	07:00 - 07:30	0.50	D	05		ACC. SURVEY & CONNECTION TIME
	07:30 - 18:00	10.50	D	03		DRILL F/ 7070' - 7238' 16' / HR. BGG 40 - 50U CONN. GAS 75U WELL STATIC ON CONNECTIONS LITHOLOGY 7010' 90 - 95% SHALE 5 - 10% SANDSTONE BIT WT. 18K RPM 130 GPM 500
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #76, #107, #97 & #99. 5 X 5 STEP BACKS 8.
	18:15 - 18:30	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 8 SECONDS.
	18:30 - 23:45	5.25	D	03		DRILL 8 3/4" HOLE F/ 7238' TO 7306' (DRLD 68' @ 12.95 FPH). 500 GPM, 1650 PSI, 18K WOB, BIT RPM 132 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 41 UNITS. CONN. GAS 93 UNITS. NO SLIDES. 95% SHALE 5% SAND STONE TRACE SOAP STONE.
	23:45 - 00:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING. JSA's REVIEWED #44, #32 & #37. 5 X 5 STEP BACKS 5.
	5/24/2010	00:15 - 00:30	0.25	D	06	
00:30 - 05:45		5.25	D	03		DRILL 8 3/4" HOLE F/ 7306' TO 7380' (DRLD 74' @ 14.10 FPH). 500 GPM, 1530 PSI, 18K WOB, BIT RPM 132 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 54 UNITS. CONN. GAS 63 UNITS. NO SLIDES. 95% SHALE 5% SAND STONE TRACE LIME STONE.
05:45 - 06:00		0.25	D	05		ACC. SURVEY & CONNECTION TIME.
06:00 - 06:15		0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING PIPE SPINNER USE
06:15 - 08:15		2.00	D	03		DRILL 8 3/4" HOLE F/ 7380' - 7407' 13.5' / HR. BIT WT. 18K RPM 130 GPM 500 BGG 50 - 71 UNITS
08:15 - 08:45		0.50	D	08		CIRC. BTMS. UP
08:45 - 12:30		3.75	D	04		POH WITH BIT #5 TAKE REQUIRED FLOW CK'S WELL STATIC 18 - 20K OVER PULL F/ 7407' UP TO 5200' REMAINDER OF TRIP OUT WAS GOOD BIIT #5 32 DAMAGED OR BROKEN CUTTERS
12:30 - 13:30		1.00	D	05		SER. MWD
13:30 - 13:45		0.25	D	06		RIG SER. FUNCTION BLIND RAMS C / O 7 SEC'S
13:45 - 16:30		2.75	D	04		RIH WITH BIT #6 SMITH FH30BVPS HIT BRIDGE AT 4900'
16:30 - 17:30		1.00	D	07		WASH & REAM SLIGHT BRIDGES F/ 4900' - 5124'
17:30 - 18:00		0.50	D	04		CONT. RIH F/ 5124' - 5500'
18:00 - 18:15		0.25	D	18		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #1, #3, #4, #17, #63 & #25. 5 X 5 STEP BACKS 8.
18:15 - 18:45		0.50	D	04		CONT. RIH F/ 5500' TO 6668'.
18:45 - 20:00		1.25	D	07		WASH AND REAM LIGHT BRIDGES F/ 6668' TO 7407'.
20:00 - 23:15		3.25	D	03		DRILL 8 3/4" HOLE F/ 7407' TO 7565' (DRLD 158' @ 48.61 FPH). 600

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Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Spud Date: 5/8/2010  
 Start: 2/17/2010 End: 7/13/2010  
 Rig Release: 7/12/2010 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/24/2010	20:00 - 23:15	3.25	D	03		GPM, 2126 PSI, 30K TO 35K WOB, BIT RPM 158 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 93 UNITS. CONN. GAS 124 UNITS. NO SLIDES. 90% SHALE 10% SAND STONE. NO LIME STONE.
	23:15 - 23:45	0.50	D	05		ACC. SURVEY AND CONNECTION TIME.
	23:45 - 00:00	0.25	D	06		SERVICE RIG. FUNCTION LOWER PIPE RAMS 8 SECONDS.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING. JSA's REVIEWED #77, #48, #51, & #53. 5 X 5 STEP BACKS 6.
	00:15 - 00:30	0.25	D	06		SERVICE RIG. FUNCTION UPPER PIPE RAMS 8 SECONDS.
	00:30 - 05:15	4.75	D	03		DRILL 8 3/4" HOLE F/ 7565' TO 7720' (DRLD 155' @ 32.63 FPH). 600 GPM, 2134 PSI, 30K TO 35K WOB, BIT RPM 158 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 93 UNITS. CONN. GAS 124 UNITS. NO SLIDES. 90% SHALE 10% SAND STONE. TRACE OF LIME STONE.
5/25/2010	05:15 - 06:00	0.75	D	05		ACC. SURVEY & CONNECTION TIME.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING MAN WINCH USE
	06:15 - 14:45	8.50	D	03		DRILL 8 3/4" HOLE F/ 7720' - 7909' 22.23' / HR. BIT WT. 35K RPM 158 GPM 600 BGG 200 - 220 UNITS CONNECTION GAS 621 UNITS LITHOLOGY 85% SHALE 15% SANDSTONE WELL STATIC ON CONECTIONS
	14:45 - 15:00	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S
	15:00 - 15:30	0.50	D	05		ACC. SURVEY & CONNECTION TIME
	15:30 - 18:00	2.50	D	03		DRILL F/ 7909' - 7978' 27.6' / HR.
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #4, #17, #19, #37, & #44. 5 X 5 STEP BACKS 8.
	18:15 - 18:30	0.25	D	06		SERVICE RIG. FUNCTION UPPER PIPE RAMS 8 SECONDS.
	18:30 - 23:30	5.00	D	03		DRILL 8 3/4" HOLE F/ 7978' TO 8133' (DRLD 155' @ 31.00 FPH). 600 GPM, 2226 PSI, 35K WOB, BIT RPM 158 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 102 UNITS. CONN. GAS 394 UNITS. NO SLIDES. 90% SHALE 10% SAND STONE. NO LIME STONE.
	23:30 - 00:00	0.50	D	05		ACC. SURVEY & CONNECTION TIME.
5/26/2010	00:00 - 00:15	0.25	D	18		SAFETY MEETING. JSA's REVIEWED #44, #76, #83, & #99. 5 X 5 STEP BACKS 5.
	00:15 - 02:00	1.75	D	03		DRILL 8 3/4" HOLE F/ 8133' TO 8191' (DRLD 58' @ 33.14 FPH). 600 GPM, 2210 PSI, 35K WOB, BIT RPM 158 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 143 UNITS. CONN. GAS 394 UNITS. NO SLIDES. 90% SHALE 10% SAND STONE. NO LIME STONE.
	02:00 - 04:00	2.00	DT	64		SURVEY TOOL HAD NO SIGNAL @ CONNECTION 8190.6' SURVEY @ 8130'. RUN NEW CABLE TO WELL. NO LUCK. POOH 93'. TRIED TO RUN SURVEY NO LUCK. RIH 93'. DRILL DOWN 93' THEN TRY TO GET A SURVEY.
	04:00 - 06:00	2.00	D	03		DRILL 8 3/4" HOLE F/ 8191' TO 8240' (DRLD 49' @ 24.50 FPH). 600 GPM, 2210 PSI, 35K WOB, BIT RPM 158 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 143 UNITS. CONN. GAS 276 UNITS. NO SLIDES. 70% SHALE 25% SAND STONE 5% LIME STONE.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 07:30	1.25	D	03		DRILL 8 3/4" HOLE F/ 8240' - 8283' 34.4' / HR. BIT WT. 35K RPM 158 GPM 600 BGG 150 - 160 UNITS
	07:30 - 07:45	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S
	07:45 - 08:15	0.50	D	05		ACC. SURVEY & CONNECTION TIME

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name:	DYE 2-28A1		
Common Well Name:	DYE 2-28A1	Spud Date:	5/8/2010
Event Name:	DRILLING	Start:	2/17/2010
Contractor Name:	PRECISION DRILLING TRUST	End:	7/13/2010
Rig Name:	PRECISION	Rig Release:	7/12/2010
		Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/26/2010	08:15 - 15:00	6.75	D	03		DRILL F/ 8283' - 8350' 9.92' / HR. BIT HAS SLOWED F/ 12 - 14' / HR TO 3 - 5' / HR. BGG 150 - 298 UNITS CONNECTION GAS 1100 UNITS
	15:00 - 15:30	0.50	D	08		CIRC. BTMS. UP
	15:30 - 18:00	2.50	D	04		POH WITH BIT # 6 HAD TO WASH & BACK REAM F/ 7897' UP TO 6730' ( HOLE VERY TIGHT AT TIMES UNABLE TO CIRC. ) CONT. POH UP TO 6772' NO FLOW
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #2, #3, #4, #17, #22 & #47. 5 X 5 STEP BACKS 7.
	18:15 - 20:30	2.25	D	04		TOOH F/ 6772' TO 3515' W/ BIT #6 & BHA #7. FILLING DRILL PIPE EVERY 5 STANDS.
	20:30 - 21:45	1.25	D	08		FLOW CHECK @ 3515' 5 GPM. CIRCULATE 9.5 PPG MUD F/ 3515' TO SURFACE. NO FLOW.
	21:45 - 22:00	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 8 SECONDS.
	22:00 - 00:00	2.00	D	04		TOOH F/ 3515' TO SURFACE W/ BIT #6 & BHA #7. FILLING DRILL PIPE EVERY 5 STANDS. NO FLOW.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING. JSA's REVIEWED #1, #8, #25, #40, #38, #26 & #37. 5 X 5 STEP BACKS 7.
	00:15 - 03:15	3.00	D	05		LD BIT #6 & MUD MOTOR. LD BHA #6 MWD TOOLS. PU & MU BIT #7 & NEW MUD MOTOR. PU & MU BHA #7 MWD TOOLS.
5/27/2010	03:15 - 05:15	2.00	D	04		TIH F/ SURFACE TO 3520'.
	05:15 - 06:00	0.75	D	18		CUT & SLIP DRILL LINE @ 3520'. REVIEWED JSA #26.
	06:00 - 06:15	0.25	D	18		HANDOVER & PRETOUR SAFETY MEETING DRIVING TO AND FROM LOCATION
	06:15 - 07:15	1.00	D	08		CIRC. WELL BACK TO WATER AT 3554'
	07:15 - 08:15	1.00	D	04		CONT. RIH F/ 3554' - 5000' DRILL STRING STARTED TAKING WT.
	08:15 - 15:00	6.75	D	07		WASH & REAM INTERMITTENT BRIDGES F/ 5000' - 8350' 1776 UNITS GAS ON BTMS. UP
	15:00 - 15:15	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S
	15:15 - 16:00	0.75	D	07		CLEAN TO & WORK BIT ON BTM. ( INSURE NO JUNK BELOW BIT )
	16:00 - 18:00	2.00	D	03		DRILL 8 3/4" HOLE F/ 8350' - 8403' 26.5' / HR. BIT WT. 35K RPM 158 GPM 600 BGG 117 UNITS
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #76, #32, #35 & #50. 5 X 5 STEP BACKS 6.
5/28/2010	18:15 - 23:30	5.25	D	03		DRILL 8 3/4" HOLE F/ 8403' TO 8525' (DRLD 122' @ 23.24 FPH). 600 GPM, 2109 PSI, 35K WOB, BIT RPM 158 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 93 UNITS. CONN. GAS 388 UNITS. NO SLIDES. 85% SHALE 5% SAND STONE 10% LIME STONE.
	23:30 - 23:45	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 8 SECONDS.
	23:45 - 00:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING. JSA's REVIEWED #71, #77, #91 & #99. 5 X 5 STEP BACKS 6.
	00:15 - 00:30	0.25	D	06		RIG SERVICE. FUNCTION LOWER PIPE RAMS 8 SECONDS.
	00:30 - 05:45	5.25	D	03		DRILL 8 3/4" HOLE F/ 8525' TO 8578' (DRLD 53' @ 10.09 FPH). 600 GPM, 2157 PSI, 35K WOB, BIT RPM 158 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 91 UNITS. CONN. GAS 361 UNITS. NO SLIDES. 70% SHALE 15% SAND STONE 15% LIME STONE.
	05:45 - 06:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING PULLING & SETTING SLIPS

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Start: 2/17/2010  
 Rig Release: 7/12/2010  
 Rig Number: 426  
 Spud Date: 5/8/2010  
 End: 7/13/2010  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/28/2010	06:15 - 13:15	7.00	D	03		DRILL 8 3/4" HOLE F/ 8578' - 8660' 11.71' / HR. WOB 35K RPM 150 GPM 600 BGG 75 - 80 UNITS WELL STATIC ON CONNECTIONS
	13:15 - 13:30	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S
	13:30 - 13:45	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	13:45 - 18:00	4.25	D	03		DRILL F/ 8660' - 8698' 8.94' / HR. WOB 35K RPM 150 GPM 600 BGG 90 UNITS WELL STATIC ON CONNECTIONS
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #76, #19, #48 & #50. 5 X 5 STEP BACKS 5.
	18:15 - 18:30	0.25	D	06		RIG SERVICE. FUNCTION LOWER PIPE RAMS 8 SECONDS.
	18:30 - 23:45	5.25	D	03		DRILL 8 3/4" HOLE F/ 8698' TO 8752' (DRLD 54' @ 10.29 FPH). 600 GPM, 2103 PSI, 35K WOB, BIT RPM 156 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 113 UNITS. CONN. GAS 361 UNITS. NO SLIDES. 70% SHALE 15% SAND STONE 15% LIME STONE.
	23:45 - 00:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING. JSA's REVIEWED #83, #75, #106 & #107. 5 X 5 STEP BACKS 5.
	00:15 - 00:30	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 9 SECONDS.
	00:30 - 05:45	5.25	D	03		DRILL 8 3/4" HOLE F/ 8752' TO 8796' (DRLD 44' @ 8.38 FPH). 600 GPM, 2103 PSI, 35K WOB, BIT RPM 156 & 8.4 ppg 27 VIS WATER. NO FLOW DURING CONNECTIONS. BBG 126 UNITS. CONN. GAS 407 UNITS. NO SLIDES. 70% SHALE 15% SAND STONE 15% LIME STONE.
	05:45 - 06:00	0.25	D	05		ACC. SURVEY AND CONNECTION TIME.
	5/29/2010	06:00 - 06:15	0.25	D	18	
06:15 - 06:45		0.50	D	03		DRILL 8 3/4" HOLE F/ 8796' - 8798' BIT QUIT DRLG. AFTER MAKING CONNECTION
06:45 - 07:15		0.50	D	08		CIRC. BTMS. UP
07:15 - 11:00		3.75	D	04		POH TAKE REQUIRED FLOW CK'S WELL STATIC
11:00 - 12:15		1.25	D	04		SER. MWD REMOVE DRILL BIT ( ALL THREE CONES MISSING ) STD. DIRECTIONAL TOOLS IN DERRICK
12:15 - 15:00		2.75	DT	58		WAIT ON FISHING TOOLS
15:00 - 16:45		1.75	DT	58		MAKE UP 8 1/8" OD X 6 1/2" ID GLOBE BASKET, 2 - 7" OD JUNK SUBS, FLOAT SUB, TBR, 2-DC'S, TBR, 4-DC'S, DRLG. JARS, 12-DC'S, 6-HWDP BHA LENGTH 785.05'
16:45 - 18:00		1.25	DT	58		RIH TO 3600' FILL DP
18:00 - 18:15		0.25	DT	67		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #1, #3, #17, #22 & #43. 5 X 5 STEP BACKS 6.
18:15 - 21:30		3.25	DT	58		RIH TO 8678'.
21:30 - 23:45		2.25	DT	58		WASH & REAM F/ 8678' TO 8798'. WASH & REAM OVER CONES 10" WITH JUNK BASKET. SHUT PUMPS OFF. ROTATE 15 TIMES. POOH.
23:45 - 00:00		0.25	DT	58		POOH W/ BHA #8 AND JUNK BASKET.
00:00 - 00:15		0.25	DT	67		SAFETY MEETING. JSA's REVIEWED #47, #2, #25, #38 & #19. 5 X 5 STEP BACKS 6.
00:15 - 04:45	4.50	DT	58		FINISH POOH W/ BHA #8 & WEATHERFORD GLOBE (JUNK) BASKET ON THE BANK.	
04:45 - 05:00	0.25	DT	58		SERVICE RIG. SHUT BLIND RAMS (ON THE BANK).	
05:00 - 06:00	1.00	DT	58		BREAK, EMPTY & CLEAN JUNK BASKET. THREE PIECE SHALE 8" X 8" & FOUR SMALLER PIECES OF SHALE ALSO. JUNK BASKET WAS FULL.	

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name: DYE 2-28A1	Spud Date: 5/8/2010
Common Well Name: DYE 2-28A1	End: 7/13/2010
Event Name: DRILLING	Start: 2/17/2010
Contractor Name: PRECISION DRILLING TRUST	Rig Release: 7/12/2010
Rig Name: PRECISION	Rig Number: 426
	Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/30/2010	06:00 - 06:15	0.25	DT	58		HAND OVER & PRETOUR SAFETY MEETING MAKING UP FISHING TOOLS
	06:15 - 06:30	0.25	DT	58		RIG SER. FUNCTION BLIND RAMS C / O 7 SEC'S
	06:30 - 10:00	3.50	DT	58		WAIT ON FISHING TOOLS & OPERATOR DISCUSSED FISHING OPERATIONS GOING FORWARD WITH ELPASO DRLG. SUPERINTENDENT
	10:00 - 12:15	2.25	DT	58		MAKE UP 8 1/2" OD X 6 1/8" ID HEAD ( SHOE ) ON 8" OD REVERSE CIRC. BASKET RI H TO 3600' FILL DP CONT. RIH TO 5087' STRING STARTED TAKING WT. INSTALL ROTATING HEAD ELEMENT
	12:15 - 18:00	5.75	DT	58		WASH & REAM F/ 5087' - 7349' W/ 600 GPM 20 RPM 2 - 8K WT. 80% OF THE TIME UNABLE TO RUN IN WITH OUT CIRCULATING
	18:00 - 18:15	0.25	DT	58		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #1, #3, #4, #75 & #17. 5 X 5 STEP BACKS 5.
	18:15 - 21:45	3.50	DT	58		WASH & REAM F/ 7349' - 8798' W/ 600 GPM 8.4# WATER 27 VIS 20 RPM 2 - 8K WT. 80% OF THE TIME UNABLE TO RUN IN WITH OUT CIRCULATING CIRCULATE LAST 3 STANDS DOWN 282' 60' OF FILL
	21:45 - 22:00	0.25	DT	58		SERVICE RIG.
	22:00 - 23:45	1.75	DT	58		FISH FOR 3 CONES @ 8798' W/ REVERSE CIRCULATION BASKET.
	23:45 - 00:00	0.25	DT	58		POOH F/ 8798' TO 8613'. HAD TO PUMP AND ROTATE OUT OF HOLE. PULLING OVER.
	00:00 - 00:30	0.50	DT	58		POOH F/ 8613' TO 8591'. STUCK COULDN'T GO UP OR DOWN OR CIRCULATE. WORK PIPE FREE.
	00:30 - 01:45	1.25	DT	58		POOH F/ 8591' TO 7580'. HAD TO PUMP AND ROTATE OUT OF HOLE. HOLE TIGHT.
	01:45 - 02:00	0.25	DT	58		RIG SERVICE. ROTATE & CIRCULATE
	02:00 - 02:45	0.75	DT	58		POOH F/ 7580' TO 6467'. HOLE TIGHT. PULLING OVER. NO FLOW.
	02:45 - 06:00	3.25	DT	58		POOH F/ 6467' TO REVERSE CIRCULATION BASKET ON THE BANK. NO FLOW.
5/31/2010	06:00 - 06:15	0.25	DT	58		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 08:30	2.25	DT	58		LAY DOWN & CLEAN BOTH JUNK SUBS & REVERSE CIRC. BASKET RECOVERD 12# OF VARIOUS SIZES OF SHALE SCARS ON OUT SIDE OF REVERSE CIRC. BASKET INDICATE IT WAS DOWN ALONG SIDE OF CONES LAY DOWN FISHING TOOLS
	08:30 - 10:00	1.50	DT	58		MAKE UP FDS+ & RIH TO CASG. SHOE
	10:00 - 10:15	0.25	DT	58		SAFETY MEETING SLIP & CUT DRILL LINE
	10:15 - 10:30	0.25	DT	58		RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S
	10:30 - 11:15	0.75	DT	58		SLIP & CUT DRILL LINE
	11:15 - 12:00	0.75	DT	58		CONT. RIH TO 4900' STRING STARTED TAKING WT.
	12:00 - 18:00	6.00	DT	58		WASH & REAM F/ 4900' - 5517' AT TIMES HAVING TO REAM & REREAM THE SAME AREA BEFORE MAKING A CONNECTION CHANGE OVER TO DRLG. MUD WHEN STARTING TO WASH & REAM
	18:00 - 18:15	0.25	DT	58		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #1, #83, #3, #4, #47 & #99. 5 X 5 STEP BACKS 6.
	18:15 - 23:45	5.50	DT	58		WASH & REAM F/ 5517' TO 7000'. WASH & REAM UNTILL HOLE CLEANS UP BEFORE MAKING CONNECTIONS. RIH W/ 9.3 PPG 43 VIS MUD.
	23:45 - 00:00	0.25	DT	58		RIG SERVICE. FUNCTION UPPER PIPE RAMS 8 SECONDS.
	00:00 - 00:15	0.25	DT	58		SAFETY MEETING. JSA's REVIEWED #100, #51, #75, #2, & #74. 5 X 5 STEP BACKS 6.

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Spud Date: 5/8/2010  
 Start: 2/17/2010  
 End: 7/13/2010  
 Rig Release: 7/12/2010  
 Rig Number: 426  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/31/2010	00:15 - 03:45	3.50	DT	58		WASH & REAM F/ 7000' TO 8791'. WASH & REAM UNTILL HOLE CLEANS UP BEFORE MAKING CONNECTIONS. RIH W/ 9.3 PPG 43 VIS MUD.
	03:45 - 04:00	0.25	DT	58		RIG SERVICE. FUNCTION H.C.R. VALVE 3 SECONDS.
	04:00 - 04:45	0.75	DT	58		WASH & REAM F/ 8791' TO 8798'. WASH & REAM UNTILL HOLE CLEANS UP BEFORE MAKING CONNECTIONS. RIH W/ 9.3 PPG 43 VIS MUD. 97' OF FILL.
6/1/2010	04:45 - 06:00	1.25	DT	58		CIRCULATE & CONDITION HOLE FOR WIPER TRIP.
	06:00 - 06:15	0.25	DT	56		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 09:30	3.25	DT	56		POH UP TO CASG. SHOE @ 3600' HOLE TIGHT F/ 8074' UP TO 8008' 40 - 50K OVER PULL FROM 8021 UP TO 7237' 20 - 30K OVER PULL REST OF TRIP UP TO CASG. SHOE WENT WELL RIH TAG BRIDGE AT 4960'
	09:30 - 12:00	2.50	DT	56		WASH & REAM F/ 4960' - 5500' FROM 5300 - 5500' DID NOT HAVE TO W & R
	12:00 - 13:00	1.00	DT	56		POH UP TO 4900' HAD SLIGHT TIGHT SPOT AT 5331' & 5204'
	13:00 - 15:15	2.25	DT	56		WASH & REAM F/ 4910' - 5500' REAMED & REREAMED EACH STD. NUMEROUS TIMES HOLE GOOD BELOW 5300'
	15:15 - 16:15	1.00	DT	56		POH UP TO 4600' NO PROBLEMS RIH TO 4943' WORK THRU POSSIBLE LARGE PIECES OF SHALE OR LEDGES F/ 4943' - 5096' WITH NO PUMP OR ROTARY UNABLE TO WORK BELOW 5096'
	16:15 - 18:00	1.75	DT	56		WASH & REAM F/ 5096' - 5251' MUD WT. 9.3 PPG VIS. 43 FINE SHALE ( SMALL SLIVERS ) COMMING OUT OF HOLE
	18:00 - 18:15	0.25	DT	56		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #1, #3, #4, #35, #37 & #44. 5 X 5 STEP BACKS 7.
	18:15 - 20:30	2.25	DT	56		WASH & REAM F/ 5251' TO 5602'. 1/4" TO 3/8" GRAVEL & FINE CUTTING COMING ACROSS SHAKERS. 9.3 PPG 41 VIS MUD.
	20:30 - 21:30	1.00	DT	56		WIPER TRIP. POOH F/ 5602' TO 4857'. PULLED OVER @ 5210' WORK TIGHT SPOT.
	21:30 - 23:45	2.25	DT	56		RIH F/ 4857' TO 5674'. WASH & REAM BRIDGES 5110', 5163', 5224', 5252', 5281', 5289', 5432' & 5521'. 1/4" TO 3/8" GRAVEL & FINE CUTTING COMING ACROSS SHAKERS. 9.3 PPG 41 VIS MUD.
	23:45 - 00:00	0.25	DT	56		RIG SERVICE. FUNCTION UPPER PIPE RAMS 8 SEC. INSPECT TOP DRIVE. TOP DRIVE HAVE PROBLEMS MARK JONES (TOOL PUSHER) WILL HAVE A TOP DRIVE HAND OUT IN THE MORNING.
	00:00 - 00:15	0.25	DT	56		SAFETY MEETING. JSA's REVIEWED #47, #50, #52, #53, #75 & #74. 5 X 5 STEP BACKS 6.
	6/2/2010	00:15 - 01:00	0.75	DT	56	
01:00 - 01:30		0.50	DT	56		RIH F/ 4837' TO 5674'. 9.3 PPG 41 VIS MUD.
01:30 - 05:45		4.25	DT	56		RIH WASH & REAM BRIDGES F/ 5674' TO 8798'. BRIDGES @ 5741', 5781', 5948', 6223' & 7286'. 1/4" TO 3/8" GRAVEL & FINE CUTTING COMING ACROSS SHAKERS. 9.3 PPG 41 VIS MUD.
05:45 - 06:00		0.25	DT	56		TAGGED FILL @ 8760' (38' OF FILL).
06:00 - 06:15		0.25	DT	56		RIG SERVICE. FUNCTION LOWER PIPE RAMS 8 SECONDS.
06:15 - 08:00		1.75	DT	56		HAND OVER & PRETOUR SAFETY MEETING PULLING & SETTING SLIPS
08:00 - 11:45		3.75	DT	56		CIRC. COND. MUD & HOLE ONLY SLIGHT SIGN OF FINE SHALE COMMING OVER SHAKERS
11:45 - 12:00		0.25	DT	56		POH UP TO CASG. SHOE TAKE REQUIRED FLOW CK'S WELL STATIC PULL ROTATING HEAD ELEMENT NO TIGHT SPOTS ENCOUNTERD ON TRIP OUT
						RIG SER. FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S

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Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Spud Date: 5/8/2010  
 Start: 2/17/2010  
 End: 7/13/2010  
 Rig Release: 7/12/2010  
 Rig Number: 426  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/2/2010	12:00 - 16:30	4.50	DT	56		MAKE REPAIRS TO TOP DRIVE
	16:30 - 18:00	1.50	DT	56		CONT. POH W/ FDS+
	18:00 - 18:15	0.25	DT	56		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #1, #3, #4, #47, #22, #107 & #26. 5 X 5 STEP BACKS 7.
	18:15 - 19:15	1.00	DT	56		TOOH LB BHA #10. FLOW CHECK NO FLOW.
	19:15 - 21:15	2.00	DT	56		PU BHA #11 (WEATHERFORD MAGNET & 2 JUNK BASKETS). RIH TO 3450'. FILL DRILL PIPE. NO FLOW.
	21:15 - 22:30	1.25	DT	56		SAFETY MEETING. SLIP AND CUT DRILL LINE.
	22:30 - 22:45	0.25	DT	56		RIG SERVICE. FUNCTION UPPER PIPE RAMS 8 SECONDS.
	22:45 - 00:00	1.25	DT	56		RIH F/ 3450' TO 6530'.
	00:00 - 00:15	0.25	DT	56		SAFETY MEETING. JSA's REVIEWED #52, #75, #76, #26, #99, #107 & #17. 5 X 5 STEP BACKS 6.
	00:15 - 01:30	1.25	DT	56		TIH F/ 6530' TO 7767'.
	01:30 - 03:00	1.50	DT	56		WASH & REAM F/ 7767' TO 8798'. 7' OF FILL. FISH W/ MAGNET FOR 3 CONES.
	03:00 - 03:15	0.25	DT	56		RIG SERVICE FUNCTION LOWER PIPE RAMS 8 SECONDS.
	03:15 - 06:00	2.75	DT	56		POOH F/ 8798' TO 3400'.
6/3/2010	06:00 - 06:15	0.25	DT	58		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 08:00	1.75	DT	58		CONT. POH W/ BIT #10 TAKE REQUIRED FLOW CK'S WELL STATIC
	08:00 - 09:00	1.00	DT	58		L / D BOTH JUNK SUBS & MAGNET RECOVERD 1/4 OF A CONE IN EACH JUNK SUB, NOTHING ON THE MAGNET GUIDE ON BTM. OF MAGNET HAS BEEN IN CONTACT WITH JUNK
	09:00 - 09:15	0.25	DT	58		RIG SER. FUNCTION BLIND RAMS C / O 7 SEC'S
	09:15 - 15:00	5.75	DT	58		MAKE UP & RIH W/ 8" OD REVERSE CIRC. BASKET & 2 JUNK SUBS NO PROBLEM GOING IN HOLE FILLED DP AT 3600' & 8513'
	15:00 - 16:00	1.00	DT	58		WASHED 3 STD'S TO BTM. HAD 3' FILL
	16:00 - 18:00	2.00	DT	58		CIRC. BTMS. UP WORK JUNK SUBS DROP BALL
	18:00 - 18:15	0.25	DT	58		CUT CORE / WASH OVER CONES F/ 8798' - 8799.2" 3 - 5K WT. 250 GPM 20 RPM
	18:15 - 20:00	1.75	DT	58		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #2, #3, #4, #19 & #22. 5 X 5 STEP BACKS 6.
	20:00 - 23:45	3.75	DT	58		FISHING FOR 3 CONES. CORED 12" WITH SLAUGH REVERSE CIRCULATING FINGER JUNK BASKET.
	23:45 - 00:00	0.25	DT	58		SAFETY MEETING. TOOH F/ 8799' TO 2400' WITH FLOW CHECKS. NO FLOW.
	00:00 - 00:15	0.25	DT	58		SERVICE RIG. FUNCTION UPPER PIPE RAMS 8 SECONDS.
	00:15 - 01:15	1.00	DT	58		SAFETY MEETING. JSA's REVIEWED #3, #25, #17, #107 & #1. 5 X 5 STEP BACKS 6.
01:15 - 01:45	0.50	DT	58		TOOH F/ 2400' TO 0'. ON THE BANK. CLOSED BLIND RAMS.	
01:45 - 05:45	4.00	DT	58		CLEAN OUT REVERSE CIRCULATING FINGER JUNK BASKET & 2 JUNK BASKETS. RECOVERED 1 FULL CONE IN SLAUGH REVERSE CIRCULATING FINGER JUNK BASKET & 3 BROKEN PEICES OF CONES IN JUNK BASKETS (3 BROKEN CONES MAKE UP TO 1 FULL CONE). TOTAL CONES RECOVERED 2 1/2 FOR THE DAY. LD REVERSE CIRCULATING FINGER JUNK BASKET.	
05:45 - 06:00	0.25	DT	58		SAFETY MEETING. PU SMITH FDS+ BIT 2 JUNK BASKETS & TBR'S. TIH F/ 0' TO 7022'.	
6/4/2010	06:00 - 06:15	0.25	DT	58		RIG SERVICE. PASON DOWN BIG PART OF THE DAY. PASON REPLACED DOG HOUSE COMPUTER.
	06:15 - 07:45	1.50	DT	58		HAND OVER & PRETOUR SAFETY MEETING CONT. RIH F/ 7022' - 8609' WASH LAST 2 STDS. TO BTM. NO HOLE PROBLEMS WORK JUNK BASKETS

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Start: 2/17/2010  
 Rig Release: 7/12/2010  
 Rig Number: 426  
 Spud Date: 5/8/2010  
 End: 7/13/2010  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/4/2010	07:45 - 08:00	0.25	DT	58		RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S
	08:00 - 10:00	2.00	DT	58		ATTEMPT TO DRILL BIT TORQUEING WORK BIT ON BTM. W/ 2- 10K WT. WORKED JUNK SUBS NUMEROUS TIMES UNABLE TO GET BIT TO DRILL
	10:00 - 14:15	4.25	DT	58		POH WITH RR #10 TAKE REQUIRED FLOW CK'S NO HOLE PROBLEMS COMMING OUT ALL 3 CONES HAVE BEEN IN CONTACT WITH JUNK RECOVERD 1/2 OF NOSE CONE IN LOWER JUNK BASKET
	14:15 - 18:00	3.75	DT	58		RIH W/ 81/2" OD BLADED JUNK MILL & 2 JUNK SUBS FILL DP AT CASG. SHOE & 8609' HAD TIGHT SPOT AT 5030' WENT THRU WITH NO PROBLEM INSTALL ROTATING HEAD ELEMENT
	18:00 - 18:15	0.25	DT	58		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #1, #3, #19, #43 & #44. 5 X 5 STEP BACKS 5.
	18:15 - 18:30	0.25	DT	58		RIG SERVICE. FUNCTION ANNULAR 28 SECONDS.
	18:30 - 21:30	3.00	DT	58		SAFETY MEETING. SHUT DOWN FISHING JOB. PULL UP AND CIRCULATE. NO ROTATING. RIG DOWN BRIDLE & SPOOL BRIDLE LINES UP INSIDE OF DERRICK. INSPECT DERRICK.
	21:30 - 00:00	2.50	DT	58		MILLING UP CONE. MILLED F/8799' TO 8802'. WT ON BIT 4 TO 13, 1205 PSI, 60 TO 66 ROTARY, 542 GPM.
	00:00 - 00:15	0.25	DT	58		SAFETY MEETING. JSA's REVIEWED #1, #3, #99, #107, #19, #43 & #44. 5 X 5 STEP BACKS 8.
	00:15 - 03:30	3.25	DT	58		MILLING UP CONE. MILLED F/8802 TO 8803'. WT ON BIT 4 TO 13, 1205 PSI, 60 TO 66 ROTARY, 542 GPM.
6/5/2010	03:30 - 03:45	0.25	DT	58		RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SEC.
	03:45 - 06:00	2.25	DT	58		SAFETY MEETING. POOH F/ 8803' TO 3000'. NO FLOW.
	06:00 - 06:15	0.25	DT	58		HAND OVER & PRETOUR SAFETY MEETING FISHING TOOLS
	06:15 - 07:45	1.50	DT	58		CONT. POH F/3000' TAKE REQUIRED FLOW CK'S WELL STATIC CLEAN OUT BOTH JUNK SUBS (RECOVERD 1 PIECE OF CONE 1.5" SQUARE F/ LOWER JUNK SUB) NOT A LOT OF WARE ON THE FACE OF MILL DOES HAVE SOME WARE ON THE OUTER SHOULDER OF THE MILL
	07:45 - 08:00	0.25	DT	58		RIG SER. FUNCTION BLIND RAMS C / O 7 SEC'S
	08:00 - 09:45	1.75	DT	58		HOLD SAFETY CONFERENCE CALL DISCUSS FISHING OPERATIONS WITH DENVER DRLG. PERSONEL
	09:45 - 11:15	1.50	DT	58		RIH W/ BIT RR #15 8.75" FH30T & 2 JUNK SUBS FILL DP AT CASG. SHOE
	11:15 - 12:00	0.75	DT	58		SLIP & CUT DRILL LINE
	12:00 - 14:30	2.50	DT	58		CONT. RIH TO 8691' INSTALL ROTATING HEAD ELEMENT FILL DP WASH LAST 2 STD'S TO BTM. NO NOTICEABLE FILL ON BTM. REAMED 4' OF SLIGHTLY UNDER GAUGE HOLE F/ 8799 - 8803' WORKED JUNK SUBS
	14:30 - 16:15	1.75	D	03		DRILL 83/4" HOLE F/ 8803' - 8815' THERE WAS SOME JUNK ON BTM. HAD ERRATIC TORQUE TO START WITH WORKED JUNK SUBS NUMEROUS TIMES EVENTUALLY TORQUE STABILIZED AT 5500 - 6000 FT/LBS 1160 U GAS FROM BTMS. UP BGG 78 U
16:15 - 18:00	1.75	D	04		POH W/ RR #15 (WORKED JUNK SUBS PRIOR TO TRIP OUT) TAKE REQUIRED FLOW CK'S	
18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #1, #2, #3, #4, #17 & #19. 5 X 5 STEP BACKS 7.	
18:15 - 20:30	2.25	D	04		POH W/ RR #15 (WORKED JUNK SUBS PRIOR TO TRIP OUT) TAKE REQUIRED FLOW CK'S. LD BIT, JUNK SUBS & BIT SUB. NO CONES IN JUNK BASKETS.	

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Spud Date: 5/8/2010  
 Start: 2/17/2010  
 End: 7/13/2010  
 Rig Release: 7/12/2010  
 Rig Number: 426  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/5/2010	20:30 - 20:45	0.25	D	06		RIG SERVICE. FUNCTION BLIND RAMS 7 SEC.
	20:45 - 00:00	3.25	D	04		PU BHA #16 & SMITH FH30 BIT. TIH TO 3500'.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING. JSA's REVIEWED #22, #25, #44, & #40. 5 X 5 STEP BACKS 7.
	00:15 - 03:00	2.75	D	04		TIH TO 8562'. HOLE IN RIG STAND PIPE. POOH TO 8373'. MOVE PIPE 31' EVERY 10 MIN. WELDER CALLED.
	03:00 - 03:15	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 28 SEC.
	03:15 - 05:30	2.25	D	18		MOVE PIPE 31' EVERY 10 MIN. WELDER CALLED.
	05:30 - 06:00	0.50	D	04		TIH F/ 8373' TO 8755' WASH & REAM.
6/6/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING USE OF STINGER ON LOADER
	06:15 - 06:30	0.25	D	04		CLEAN TO BTM. 2' FILL NO NOTICEABLE JUNK ON BTM.
	06:30 - 15:00	8.50	D	03		DRILL 8 3/4" HOLE F/ 8815' - 8939' 14.58' / HR. BIT WT. 35K BIT RPM 138 PP 2125 TORQUE 5200 TRIP GAS 1231 U CONN. GAS 714 U BGG 120 U
	15:00 - 15:15	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S
	15:15 - 15:45	0.50	D	05		ACC. SURVEY & CONNECTION TIME
	15:45 - 18:00	2.25	D	03		DRILL F/ 8939' - 8997' 25.77' / HR. BIT WT. 35K BIT RPM 138 PP 2137 TORQUE 5200 CONN. GAS 259 U BGG 148 U
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #4, #6, #19, #43, #44, #98 & #99. 5 X 5 STEP BACKS 7.
	18:15 - 20:00	1.75	D	03		DRILL 8 3/4" HOLE F/ 8997' TO 9033' (DRLD 36' @ 20.57 FPH). 550 GPM, 2134 PSI, 35K WOB, BIT RPM 140 & 9.4 ppg 46 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 159 UNITS. CONN. GAS 257 UNITS. NO SLIDES. 90% SHALE 10% SAND STONE 0% LIME STONE.
	20:00 - 20:15	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SECONDS.
	20:15 - 20:30	0.25	D	18		BOP DRILL WELL SECURE IN 50 SECONDS.
	20:30 - 23:45	3.25	D	03		DRILL 8 3/4" HOLE F/ 9033' TO 9094' (DRLD 61' @ 18.77 FPH). 550 GPM, 2095 PSI, 35K WOB, BIT RPM 140 & 9.4 ppg 46 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 159 UNITS. CONN. GAS 152 UNITS. NO SLIDES. 90% SHALE 10% SAND STONE 0% LIME STONE.
	23:45 - 00:00	0.25	D	05		ACC. SURVEYS & CONNECTION TIME.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING. JSA's REVIEWED #74, #76, #53, #107, #99 & #17. 5 X 5 STEP BACKS 7.
	00:15 - 02:30	2.25	D	03		DRILL 8 3/4" HOLE F/ 9094' TO 9129' (DRLD 35' @ 15.56 FPH). 550 GPM, 2108 PSI, 35K WOB, BIT RPM 140 & 9.4 ppg 46 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 124 UNITS. CONN. GAS 152 UNITS. NO SLIDES. 90% SHALE 10% SAND STONE 0% LIME STONE.
02:30 - 02:45	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 28 SECONDS.	
02:45 - 03:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME.	
03:00 - 06:00	3.00	D	03		DRILL 8 3/4" HOLE F/ 9129' TO 9170' (DRLD 41' @ 13.67 FPH). 550 GPM, 2174 PSI, 35K WOB, BIT RPM 140 & 9.4 ppg 46 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 124 UNITS. CONN. GAS 152 UNITS. NO SLIDES. 90% SHALE 10% SAND STONE 0% LIME STONE.	
6/7/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING PIPE SPINNER USE
	06:15 - 06:30	0.25	D	03		DRILL 8 3/4" HOLE F/ 9170' - 9180'
	06:30 - 07:00	0.50	D	08		CIRC. BTMS. UP BGG 148 U
	07:00 - 10:30	3.50	D	04		POH W/ BIT # 16 TAKE REQUIRED FLOW CK'S WELL STATIC

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**EL PASO PRODUCTION  
Operations Summary Report**

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Spud Date: 5/8/2010  
 Start: 2/17/2010  
 End: 7/13/2010  
 Rig Release: 7/12/2010  
 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/7/2010	10:30 - 10:45	0.25	D	06		RIG SER. FUNCTION BLIND RAMS C / O 7 SEC'S
	10:45 - 12:45	2.00	D	04		SER. MWD SET MOTOR TO 1.5"
	12:45 - 16:00	3.25	D	04		RIH W/ BIT #17 FILL DP AT 3600' & 8990' WASH LAST 2 STD'S TO BTM. NO FILL ON BTM. WORK JUNK SUB
	16:00 - 18:00	2.00	D	03		DRILL 8 3/4" HOLE F/ 9180' - 9225' HAD 2397 UNITS TRIP GAS
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #4, #6, #7, #19, #35, #38, #43 & #44. 5 X 5 STEP BACKS 7.
	18:15 - 20:00	1.75	D	03		DRILL 8 3/4" HOLE F/ 9225' TO 9319' (DRLD 94' @ 53.71 FPH). 550 GPM, 2053 PSI, 15K WOB, BIT RPM 140 & 9.4 ppg 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 300 UNITS. CONN. GAS --- UNITS. NO SLIDES. 95% SHALE 5% SAND STONE 0% LIME STONE.
	20:00 - 20:15	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SECONDS.
	20:15 - 20:30	0.25	D	05		ACC. SURVEY AND CONNECTION TIME.
	20:30 - 00:00	3.50	D	03		DRILL 8 3/4" HOLE F/ 9319' TO 9432' (DRLD 113' @ 32.29 FPH). 550 GPM, 2075 PSI, 15K WOB, BIT RPM 140 & 9.4 ppg 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 244 UNITS. CONN. GAS 329 UNITS. NO SLIDES. 85% SHALE 15% SAND STONE 0% LIME STONE.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING. JSA's REVIEWED #50, #53, #55, #75, #99 & #76. 5 X 5 STEP BACKS 7.
	00:15 - 01:30	1.25	D	03		DRILL 8 3/4" HOLE F/ 9432' TO 9509' (DRLD 77' @ 61.60 FPH). 550 GPM, 2075 PSI, 15K WOB, BIT RPM 140 & 9.4 ppg 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 344 UNITS. CONN. GAS 329 UNITS. NO SLIDES. 75% SHALE 25% SAND STONE TRACE % LIME STONE.
	01:30 - 01:45	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 28 SECONDS.
	01:45 - 02:15	0.50	D	05		ACC. SURVEY AND CONNECTION TIME.
	02:15 - 06:00	3.75	D	03		DRILL 8 3/4" HOLE F/ 9509' TO 9678' (DRLD 169' @ 45.07 FPH). 550 GPM, 2075 PSI, 15K WOB, BIT RPM 140 & 9.4 ppg 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 1198 UNITS. CONN. GAS 2310 UNITS. NO SLIDES. 75% SHALE 25% SAND STONE TRACE % LIME STONE.
6/8/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING 90' MOUSE HOLE CONNECTIONS
	06:15 - 08:30	2.25	D	03		DRILL 8 3/4" HOLE F/ 9678' - 9791' 50.22' / HR. BGG 1362 U CONN. GAS 2659 U
	08:30 - 08:45	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	08:45 - 09:45	1.00	D	05		ACC. SURVEY & CONNECTION TIME
	09:45 - 14:45	5.00	D	03		DRILL 8 3/4" HOLE F/ 9791' - 10039' 49.6' / HR. SLIDE F/ 9885' - 9900', 9982' - 10003' BGG 1831 U CONN. GAS 3160 U SLOWLY RAISING MUD DENSITY PRESENT MUD WT. 9.9 PPG WELL STATIC ON CONNECTIONS
	14:45 - 18:00	3.25	DT	60		TROUBLE SHOOT & REPLACE BREAKERS ON SCR SYSTEM ( CHECK OUT ELECTRICAL / AIR CONDITIONER IN SCR BUILDING )
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #4, #14, #38, #44, #50, #53, #54 & #55. 5 X 5 STEP BACKS 6.
	18:15 - 21:30	3.25	D	08		CIRCULATE & CONDITION WEIGHT UP TO 10.6.
	21:30 - 23:45	2.25	D	04		TOOH F/ 10039' TO 3181'. TAKING REQUIRED FLOW CHECKS.
	23:45 - 00:00	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SECONDS.
00:00 - 00:15	0.25	D	18		SAFETY MEETING. JSA's REVIEWED #1, #2, #3, #4, #25, #26, #44 & #60. 5 X 5 STEP BACKS 7.	

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Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Start: 2/17/2010  
 Rig Release: 7/12/2010  
 Rig Number: 426  
 Spud Date: 5/8/2010  
 End: 7/13/2010  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/8/2010	00:15 - 03:00	2.75	D	04		TOOH F/ 3181'. LD BHA #17. MUD MOTOR FAILED.
	03:00 - 05:00	2.00	D	04		PU BIT #18 (BIT #17 RE-RUN) PU BHA #18 TIH TO 3611'.
	05:00 - 05:15	0.25	D	18		SAFETY MEETING ON SLIP AND CUT JSA #26.
	05:15 - 05:45	0.50	D	06		SLIP & CUT DRILL LINE.
	05:45 - 06:00	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SECONDS.
6/9/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING SLIP & CUTTING DRILL LINE
	06:15 - 09:00	2.75	D	04		CONT. RIH F/ 3611' - 10039' WASH LAST 2 STD'S TO BTM. NO NOTICEABLE FILL HOLE COND. GOOD GOING IN HOLE
	09:00 - 09:30	0.50	D	03		ROTARY DRILL 83/4" HOLE F/ 10039' - 10053' 28' / HR. TRIP GAS 4795 U MUD WT. 10.6 PPG
	09:30 - 09:45	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	09:45 - 18:00	8.25	D	03		ROTARY DRILL 83/4" HOLE F/ 10053' - 10122' 8.36' / HR. BGG 893 U CONN. GAS 1678 U MUD WT. 11.1 PPG WASATCH TOP @ 10058'
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #4, #19, #38, #44, #45, #47, #50 & #51. 5 X 5 STEP BACKS 7.
	18:15 - 20:45	2.50	D	03		DRILL 8 3/4" HOLE F/ 10122' TO 10147' (DRLD 25' @ 10.00 FPH). 550 GPM, 2097 PSI, 15 TO 17K WOB, BIT RPM 140 & 11.2 PPG 43 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 723 UNITS. CONN. GAS 1275 UNITS. NO SLIDES. 10145' SHOE DEPTH 85% SHALE 15% SAND STONE TRACE % LIME STONE.
	20:45 - 21:00	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SECONDS.
	21:00 - 23:00	2.00	D	03		DRILL 8 3/4" HOLE F/ 10147' TO 10156' (DRLD 9' @ 4.50 FPH). 550 GPM, 2097 PSI, 15 TO 17K WOB, BIT RPM 140 & 11.2 PPG 43 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 723 UNITS. CONN. GAS 1275 UNITS. NO SLIDES. 10145' SHOE DEPTH 85% SHALE 15% SAND STONE TRACE % LIME STONE.
	23:00 - 00:00	1.00	D	08		CIRCULATE & CONDITION MUD TO 11.6 PPG 45 VIS.
6/10/2010	00:00 - 00:15	0.25	D	18		SAFETY MEETING. JSA's REVIEWED #53, #74, #75, #99, #100 & #107. 5 X 5 STEP BACKS 6.
	00:15 - 00:30	0.25	D	08		CIRCULATE & CONDITION MUD TO 11.6 PPG 45 VIS.
	00:30 - 05:45	5.25	D	04		TOOH F/10156' FOR LOGS. FLOW CHECKS NO FLOW.
	05:45 - 06:00	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 28 SECONDS.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING TRIPPING OUT / LOADER OPERATION
	06:15 - 06:45	0.50	D	04		CONT. POH FLOW CK WELL STATIC
	06:45 - 07:00	0.25	D	06		RIG SER. FUNCTION BLIND RAMS C / O 7 SEC'S
	07:00 - 14:15	7.25	D	11		RIG IN HALLIBURTON WIRELINE HOLD SAFETY MEETING RUN GR / NEUTRON TD - SURFACE DENSITY / SONIC / RESISTIVITY / CALIPER TD - SURFACE CASG. LOGGERS TD 10176' DRILLERS TD 10156' NO HOLE PROBLEMS
	14:15 - 18:00	3.75	D	04		RIH W/ RR 83/4" MILL TOOTH BIT ( MEASURE IN ) FILL DP 3600' & 7027'
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING. JSA's REVIEWED #1, #3, #4, #19, #22, #53, #54 & #100. 5 X 5 STEP BACKS 7.
	18:15 - 20:30	2.25	D	04		RIH F/ 7072' TO 10156'. WASHED LAST TWO STANDS DOWN. 3' FILL. TALLY RIGHT.
	20:30 - 23:45	3.25	D	08		CIRCULATE & CONDITION HOLE. BRING LCM UP TO 10%.
	23:45 - 00:00	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 28 SECONDS.
00:00 - 00:15	0.25	D	18		SAFETY MEETING. JSA's REVIEWED #16, #38, #47, #107, #34 & #53. 5 X 5 STEP BACKS 7.	
00:15 - 00:30	0.25	D	08		CIRCULATE & CONDITION HOLE. BRING LCM UP TO 10%. PASON	

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Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Spud Date: 5/8/2010  
 Start: 2/17/2010  
 End: 7/13/2010  
 Rig Release: 7/12/2010  
 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/10/2010	00:15 - 00:30	0.25	D	08		GAS @ 822 UNITS. NO FLOW.
	00:30 - 05:45	5.25	D	04		POOH LD DRILL PIPE. NO FLOW.
	05:45 - 06:00	0.25	D	06		RIG SERVICE.FUNCTION UPPER PIPE RAMS 7 SECONDS.
6/11/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING RUNNING CASG.
	06:15 - 12:30	6.25	D	04		CONT. POH LAYING DOWN DP & DC'S TAKE REQUIRED FLOW CK'S WELL STATIC
	12:30 - 12:45	0.25	D	06		RIG SER. FUNCTION BLIND RAMS C / O 7 SEC'S
	12:45 - 14:30	1.75	D	12		RIG IN TESCO HOLD SAFETY MEETING
	14:30 - 18:00	3.50	D	12		RUN 7" 29# P-110 LT&C CASG. to 2342' 53 JTS.
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING USE OF TESCO RUNNING TOOL
	18:15 - 20:00	1.75	D	12		CONT. RUNNING CASG. F/ 2342' - 3569' 27 JTS.
	20:00 - 21:00	1.00	D	08		CIRC. BTMS. UP PASON MONITORING SYSTEM ACTING IRRADICALLY ( TECHNICAL ON THE WAY TO CHECK OUT EQUIPMENT )
	21:00 - 00:00	3.00	D	12		CONT. RUNNING CASG. F/ 3569' - 5500' 44 JTS
	00:00 - 00:15	0.25	D	18		SAFETY MEETING PULLING & SETTING SLIPS
	00:15 - 01:30	1.25	D	12		CONT. RUNNING CASG. F/ 5500' - 6400' 20 JTS.
6/12/2010	01:30 - 02:30	1.00	D	08		FILL CASG. & CIRC. BTMS. UP HAD 1183 UNITS GAS BGG 244 UNITS
	02:30 - 02:45	0.25	D	06		RIG SER.
	02:45 - 06:00	3.25	D	12		CONT. RUNNING CASG. F/ 6400' - 8500' 47 JTS. NO HOLE PROBLEMS
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING PULLING & SETTING SLIPS
	06:15 - 09:00	2.75	D	12		CONT. RUNNING 7" CASG. F/ 8500' - 10169' ( DRILLERS DEPTH ) WASHED LAST 3 JTS. TO BTM.
	09:00 - 10:00	1.00	D	08		CIRC. CASG. HAD 4599 UNITS GAS ON BTMS. UP BGG 637 UNITS
	10:00 - 10:15	0.25	D	06		RIG SER. FUNCTION HCR O / C 3 SEC'S
	10:15 - 13:00	2.75	D	12		LAY DOWN 2 JTS. CASG. USED TO TAG BTM. PICK UP LANDING JT. WITH CASG. HANGER CONT. CIRCULATING WHILE RIGGING OUT TESCO EQUIP. RAN 229 JTS. 7" 29# P110 LT&C CASG. LENGHT WITH FLOAT EQUIPMENT & LANDING JT. 10150.59'
	13:00 - 13:30	0.50	D	14		RIG IN SCHLUMBERGER HOLD SAFETY MEETING
	13:30 - 17:00	3.50	D	14		CMT'D CASG. W/ 20 BBLs. 12.3 PPG MUD PUSH II, 582.3 BBLs. 13.0 PPG INTERMEDIATE LEAD W/ 2#/ BBL. CEMNET FOLLOWED BY 58.1 BBLs. 13.3 PPG INTERMEDIATE TAIL W/ 2#/ BBL. CEMNET DISPLACED WITH 375 BBLs. 8.5 PPG RESERVE PIT WATER VOLUMES BASED ON CALIPER LOG PLUS 35% EXCESS IN OPEN HOLE GOOD TO FAIR RETURNS THRU OUT CMT'G & DISPLACING PUMP PLUG WITH 3198 PSI FLOATS HELD OK NO DROP IN ANNULUS SHOE@ 10144' FC@ 10095'
	17:00 - 18:00	1.00	D	10		BACK OUT LANDING JT.
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING PRESS. TESTING
	18:15 - 20:00	1.75	D	10		INSTALL 7" X 135/8" PACKOFF / SEAL ASSEMBLY PRESS. TEST SEAL ASSEMBLY TO 5K FOR 10 MIN. OK
	20:00 - 00:00	4.00	D	09		PRESS. TEST CHOKE MANIFOLD VALVES TO 300 PSI LOW & 10000 PSI HIGH 10 MIN. DURATION
00:00 - 00:15	0.25	D	09		SAFETY MEETING WORKING AROUND BOP'S	
00:15 - 04:30	4.25	D	15		CHANGE UPPER & LOWER PIPE RAMS TO 31/2"	
04:30 - 06:00	1.50	D	09		INSTALL TEST PLUG IN WELL HEAD PRESS. TEST LOWER PIPE	

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Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1 Spud Date: 5/8/2010  
 Event Name: DRILLING Start: 2/17/2010 End: 7/13/2010  
 Contractor Name: PRECISION DRILLING TRUST Rig Release: 7/12/2010 Group:  
 Rig Name: PRECISION Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/12/2010	04:30 - 06:00	1.50	D	09		RAMS, WELL HEAD FLANGES TO 300 PSI LOW & 10000 PSI HIGH
6/13/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING PRESS. TESTING
	06:15 - 17:00	10.75	D	09		CONT. PRESS. TESTING BTM. PIPE RAMS BONNET DOOR LEAKING RETIGHTEN BOLTS & RETEST OK PRESS. TEST UPPER PIPE RAMS , BOTH INNER & OUTER CHOKE & KILL LINE VALVES, INSIDE BOP, STABBING VALVE, DOUBLE BALL VALVE ON TOP DRIVE, ANNULAR PREVENTOR, BLIND RAMS & CASG. PRESS. TESTED ALL RAMS TO 300 PSI LOW & 1000 PSI HIGH ANNULAR PREVENTOR TO 300 PSI LOW & 4000 PSI HIGH SURFACE EQUIPMENT BACK TO MUD MANIFOLD 300 PSI LOW & 5000 PSI HIGH ALL TEST 10 MIN. DURATION CASG. TESTED TO 2500 PSI FOR 30 MIN. 17:00 - 18:00 1.00 D 09 CONDUCT 5 FUNCTION TEST WITH ACCUMULATOR SHUT OFF FINAL ACC. PRESS. 1200 PSI RECHARGE TO 3000 PSI IN 1 MIN. & 4 SEC'S 18:00 - 18:15 0.25 D 18 CREW CHANGE. SAFETY MEETING ON TRIPPING IN HOLE. JSA's REVIEWED #1, #3, #4, #7, #26, #38 & #44. 5 X 5 STEP BACKS 7. 18:15 - 22:15 4.00 D 04 PU MU DIRECTIONAL TOOLS & DC HWDP. 22:15 - 22:30 0.25 D 06 RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SECONDS. 22:30 - 22:45 0.25 D 18 SAFETY MEETING ON SLIP AND CUT DRILL LINE. JSA #26. 22:45 - 23:15 0.50 D 18 SLIP AND CUT DRILL LINE. 23:15 - 00:00 0.75 D 04 PU DP TIH TO 1400'. 00:00 - 00:15 0.25 D 18 SAFETY MEETING ON TRIPPING IN HOLE. JSA's REVIEWED #47, #53, #54, #99, #100 & #107. 5 X 5 STEP BACKS 6. 00:15 - 03:45 3.50 D 04 PU DP TIH F/ 1400' TO 5026'. 03:45 - 04:00 0.25 D 06 RIG SERVICE. FUNCTION ANNULAR 28 SECONDS. 04:00 - 06:00 2.00 D 04 PU DP TIH F/ 5026' TO 7442'. 6/14/2010 06:00 - 06:15 0.25 D 18 HAND OVER & PRETOUR SAFETY MEETING PICKING UP DP 06:15 - 09:15 3.00 D 04 CONT. PICKING UP 31/2" DP F/ 7300' - 9900' TAG CMT. 09:15 - 11:15 2.00 D 13 DRILL CMT. F/ 9900' - 10095' DRILL OUT SHOE TRACK F/ 10095' - 10135' 11:15 - 12:00 0.75 D 08 DISPLACE HOLE TO 11.5 PPG DRLG. MUD 12:00 - 12:15 0.25 D 13 CONT. DRILL OUT F/ 10135' - 10156' 12' BELOW CASG. SHOE 12:15 - 13:00 0.75 D 08 CIRC. HOLE CLEAN 13:00 - 13:45 0.75 D 09 CONDUCT F I T TEST EQUIVALENT TO .8 PSI / FT MUD WT 11.5 PPG ADDED SURFACE PRESS. 2050 PSI 13:45 - 14:00 0.25 D 18 RIG SER. FUNCTION LOWER PIPE RAMS C / O 8 SEC'S 14:00 - 18:00 4.00 D 03 DRILL 6 1/8" HOLE F/ 10156' - 10200' 11' / HR. MUD WT. 11.5 PPG VIS. 43 TRIP GAS 964 UNITS BGG 93 UNITS LOWERING MUD WT. TILL SOME GAS IS OBSERVED 18:00 - 18:15 0.25 D 18 CREW CHANGE. SAFETY MEETING ON SETTING AND PULLING SLIPS. JSA's REVIEWED #4, #38, #44, #50, #53, #54 & #74. 5 X 5 STEP BACKS 7. 18:15 - 18:45 0.50 D 03 DRILL 6 1/8" HOLE F/ 10200' TO 10218' (DRLD 18' @ 36.00 FPH). 253 GPM, 2298 PSI, 15K WOB, BIT RPM 118 & 11.0 PPG 43 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 95 UNITS. CONN. GAS ---- UNITS. NO SLIDES. 30% SHALE 70% SAND STONE TRACE % LIME STONE. 18:45 - 19:00 0.25 D 06 RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SECONDS. 19:00 - 19:15 0.25 D 05 ACC. SURVEY & CONNECTION TIME. 19:15 - 00:00 4.75 D 03 DRILL 6 1/8" HOLE F/ 10218' TO 10300' (DRLD 82' @ 17.26 FPH). 253 GPM, 2343 PSI, 15K WOB, BIT RPM 118 & 10.90 PPG 42 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 95 UNITS.

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Spud Date: 5/8/2010  
 Start: 2/17/2010  
 End: 7/13/2010  
 Rig Release: 7/12/2010  
 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/14/2010	19:15 - 00:00	4.75	D	03		CONN. GAS 470 UNITS. NO SLIDES. 20% SHALE 80% SAND STONE TRACE % LIME STONE.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON RELEASING TRAPPED TORQUE. JSA's REVIEWED #75, #76, #99, #100, #107, #83 & #35. 5 X 5 STEP BACKS 8.
	00:15 - 01:30	1.25	D	03		DRILL 6 1/8" HOLE F/ 10300' TO 10329' (DRLD 29' @ 23.20 FPH). (SLIDE F/10300' TO 10329'). 253 GPM, 2343 PSI, 15K WOB, BIT RPM 118 & 10.90 PPG 42 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 95 UNITS. CONN. GAS 470 UNITS. 20% SHALE 80% SAND STONE TRACE % LIME STONE.
	01:30 - 01:45	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 26 SECONDS.
	01:45 - 02:30	0.75	D	05		ACC. SURVEY & CONNECTION TIME.
	02:30 - 06:00	3.50	D	03		DRILL 6 1/8" HOLE F/ 10329' TO 10411' (DRLD 82' @ 23.43 FPH). 253 GPM, 2343 PSI, 15K WOB, BIT RPM 118 & 10.90 PPG 42 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 119 UNITS. CONN. GAS 560 UNITS. NO SLIDES. 15% SHALE 85% SAND STONE TRACE % LIME STONE.
6/15/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING MIXING MUD / RUNNING LOADER
	06:15 - 12:30	6.25	D	03		DRILL 61/8" HOLE F/ 10411' - 10505' 15.05' / HR/ (SLIDE F/ 10411' - 10431') BGG 52 UNITS CONNECTION GAS 462 UNITS BIT WT. 15K PP 2400 ROTARY 110
	12:30 - 13:15	0.75	D	05		ACC. SURVEY & CONNECTION TIME
	13:15 - 13:30	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 8 SEC'S
	13:30 - 18:00	4.50	D	03		DRILL 61/8" HOLE F/ 10505' - 10550' 10' / HR. (SLIDE F/ 10477' - 10490', 10506' - 10526' BGG 54 UNITS SAMPLE @10520 70% SHALE 30% S/S
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON SETTING AND PULLING SLIPS. JSA's REVIEWED #4, #6, #38, #44, #50, #53 & #54. 5 X 5 STEP BACKS 7.
	18:15 - 23:15	5.00	D	03		DRILL 6 1/8" HOLE F/ 10550' TO 10600' (DRLD 50' @ 10.00 FPH). (SLIDE F/ 10550' TO 10561' F/ 10582' TO 10586'). 255 GPM, 2484 PSI, 15K WOB, BIT RPM 118 & 10.90 PPG 43 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 95 UNITS. CONN. GAS 462 UNITS. 60% SHALE 40% SAND STONE TRACE % LIME STONE.
	23:15 - 23:30	0.25	D	18		BOP DRILL. WELL SHUT IN 1 MINUTE 30 SECONDS.
	23:30 - 23:45	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 28 SECONDS.
	23:45 - 00:00	0.25	D	05		ACC. SURVEYS & CONNECTION TIME.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON CONNECTIONS. JSA's REVIEWED #74, #75, #76, #98, #99, #100 & #107. 5 X 5 STEP BACKS 8.
00:15 - 05:45	5.50	D	03		DRILL 6 1/8" HOLE F/ 10600' TO 10638' (DRLD 38' @ 6.91 FPH). NO SLIDES. 255 GPM, 2581 PSI, 15K WOB, BIT RPM 118 & 10.90 PPG 43 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 54 UNITS. CONN. GAS 490 UNITS. 90% SHALE 10% SAND STONE TRACE % LIME STONE.	
6/16/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING 90' MOUSE HOLE CONNECTIONS
	06:15 - 11:15	5.00	D	03		DRILL 61/8" HOLE F/ 10638' - 10676' 7.6' / HR. BIT WT. 17K RPM 130 PP 2435 BGG 50 U
	11:15 - 12:00	0.75	D	08		CIRC. BTMS. UP
	12:00 - 12:15	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 24 SEC'S
	12:15 - 12:30	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	12:30 - 17:00	4.50	D	04		POH W/ BIT #19 PULL 5 STD'S PULL ROTATING HEAD ELEMENT

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

Legal Well Name: DYE 2-28A1	Spud Date: 5/8/2010
Common Well Name: DYE 2-28A1	End: 7/13/2010
Event Name: DRILLING	Start: 2/17/2010
Contractor Name: PRECISION DRILLING TRUST	Rig Release: 7/12/2010
Rig Name: PRECISION	Group: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/16/2010	12:30 - 17:00	4.50	D	04		FLOW CK. PUMP TRIP PILL CONT. POH TAKE REQUIRED
						FLOW CK'S WELL STATIC
	17:00 - 18:00	1.00	D	05		SER. MWD FUNCTION BLIND RAMS C / O 8 SEC'S
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON TRIPPING IN HOLE. JSA's REVIEWED #1, #3, #4, #44, #47, #46 & #53. 5 X 5 STEP BACKS 7.
	18:15 - 22:30	4.25	D	04		MU BHA #20 TIH TO 10676'. WASH LAST 2 STAND DOWN. NO FILL.
	22:30 - 23:30	1.00	D	03		DRILL 6 1/8" HOLE F/ 10676' TO 10695' (DRLD 19' @ 19.00 FPH). NO SLIDES. 250 GPM, 2741 PSI, 15K WOB, BIT RPM 118 & 10.90 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 67 UNITS. CONN. GAS --- UNITS. TRIP GAS 1384 UNITS. 90% SHALE 10% SAND STONE TRACE % LIME STONE.
	23:30 - 23:45	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SECONDS.
	23:45 - 00:00	0.25	D	05		ACC SURVEY & CONNECTION TIME.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON TRIPPING IN HOLE. JSA's REVIEWED #54, #91, #77, #38, #76, #107 & #99. 5 X 5 STEP BACKS 8.
	00:15 - 03:45	3.50	D	03		DRILL 6 1/8" HOLE F/ 10695' TO 10791' (DRLD 96' @ 27.43 FPH). NO SLIDES. 250 GPM, 2609 PSI, 15K WOB, BIT RPM 118 & 10.90 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 104 UNITS. CONN. GAS 346 UNITS. 50% SHALE 50% SAND STONE TRACE % LIME STONE.
	03:45 - 04:00	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 28 SECONDS.
	04:00 - 04:15	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
	04:15 - 06:00	1.75	D	03		DRILL 6 1/8" HOLE F/ 10791' TO 10805' (DRLD 14' @ 8.00 FPH). SLIDE F/ 10791' TO 10805'. 250 GPM, 2618 PSI, 15K WOB, BIT RPM 118 & 10.90 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 165 UNITS. CONN. GAS 346 UNITS. 50% SHALE 50% SAND STONE TRACE % LIME STONE.
	6/17/2010	06:00 - 06:15	0.25	D	18	
06:15 - 16:30		10.25	D	03		DRILL 6 1/8" HOLE F/ 10805' - 10984' 17.46' / HR. ( SLIDE F/ 10888' - 10894', 10959' - 10972' ) BGG 58 U CONNECTION GAS 233 U MUD WT. 10.8 PPG VIS. 43
16:30 - 16:45		0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 8 SEC'S
16:45 - 17:15		0.50	D	05		ACC. SURVEY & CONNECTION TIME
17:15 - 18:00		0.75	D	03		DRILL 6 1/8" HOLE F/ 10984' - 11010' 34.66' / HR. ( SLIDE F/ 11002' TO 11010' ) BGG 58 U CONNECTION GAS 233 U MUD WT. 10.8 PPG VIS. 43
18:00 - 18:15		0.25	D	18		CREW CHANGE. SAFETY MEETING ON PULLING AND SETTING SLIPS. JSA's REVIEWED #4, #38, #44, #53, #74 & #99. 5 X 5 STEP BACKS 8.
18:15 - 22:45		4.50	D	03		DRILL 6 1/8" HOLE F/ 11010' TO 11080' (DRLD 70' @ 15.56 FPH). SLIDE F/ 11010' TO 11014, 11054' TO 11063'. 250 GPM, 2848 PSI, 16K WOB, BIT RPM 118 & 10.90 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 50 UNITS. CONN. GAS 390 UNITS. 90% SHALE 10% SAND STONE TRACE % LIME STONE.
22:45 - 23:00		0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SECONDS.
23:00 - 23:15		0.25	D	05		ACC. SURVEY & CONNECTON TIME.
23:15 - 00:00		0.75	D	03		DRILL 6 1/8" HOLE F/ 11080' TO 11095' (DRLD 15' @ 20.00 FPH). NO SLIDE. 250 GPM, 2765 PSI, 16K WOB, BIT RPM 118 & 10.90 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 52 UNITS. CONN. GAS 503 UNITS. 90% SHALE 10% SAND STONE TRACE % LIME STONE.
00:00 - 00:15	0.25	D	18		SAFETY MEETING ON PULLING AND SETTING SLIPS. JSA's	

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

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Spud Date: 5/8/2010  
 Start: 2/17/2010  
 End: 7/13/2010  
 Rig Release: 7/12/2010  
 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/17/2010	00:00 - 00:15	0.25	D	18		REVIEWED #75, #76, #99, #107, #38 & #44. 5 X 5 STEP BACKS 7. DRILL 6 1/8" HOLE F/ 11095' TO 11174' (DRLD 79' @ 24.31 FPH). SLIDE F/ 11119' TO 11123'. 250 GPM, 2606 PSI, 16K WOB, BIT RPM 118 & 10.90 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 50 UNITS. CONN. GAS 503 UNITS. 60% SHALE 40% SAND STONE TRACE % LIME STONE. RIG SERVICE. FUNCTION ANNULAR 28 SECONDS. ACC. SURVEY & CONNECTION TIME. DRILL 6 1/8" HOLE F/ 11174' TO 11210'. DRLD 36' @ 18.00 FPH. SLIDE F/ 11174' TO 11186'. 250 GPM, 2606 PSI, 16K WOB, BIT RPM 118 & 10.90 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 50 UNITS. CONN. GAS 503 UNITS. 90% SHALE 10% SAND STONE TRACE % LIME STONE. HAND OVER & PRE TOUR SAFETY MEETING DRILL 61/8" HOLE F/ 11210' - 11276' 18.85' / HR. BIT WT. 17K PP 2700 RPM 130 AT 11265' HAD 6' DRLG. BRK. FLOW DROPPED F/ 25% TO 15 - 17% LOST 85 BBLs. DRLG. MUD ADD SAWDUST AT 2 SX PER MIN. GOING THRU PILL TANK FULL RETURNS WERE REGAINED AFTER 2 CIRCULATIONS CLEAN OUT MUD PUMPS REMOVE SUCTION & DISCHARGE SCREENS DRILL 61/8" HOLE F/ 11276' - 11368' 13.14' / HR. MUD WT. 10.8 PPG VIS. 43 BGG 50 U SAMPLE @ 11340' 90% SHALE 10% SHALE NO LOSSES TO FORM LAST 7 HRS. RIG SER. FUNCTION UPPER PIPE RAMS C / O 8 SEC'S BOP DRILL WELL SECURE IN 1MIN. 53 SEC'S ACC. SURVEY & CONNECTION TIME CREW CHANGE. SAFETY MEETING ON PULLING AND SETTING SLIPS. JSA's REVIEWED #4, #37, #50 & #76. 5 X 5 STEP BACKS 10. MWD TOOL NOT WORKING. SHUT RIG DOWN. DUE TO CATHEDRAL REQUEST. NO LUCK TOOL NOT WORKING. DRILL 6 1/8" HOLE F/ 11368' TO 11451'. DRLD 83' @ 16.60 FPH. SLIDE F/ 11412' TO 11422' = 10' FOR 1 HR & 11445' TO 11451' = 6' FOR 1 HR. 250 GPM, 2335 PSI, 16K WOB, BIT RPM 118 & 10.90 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 56 UNITS. CONN. GAS 274 UNITS. 70% SHALE 20% SAND STONE 5% LIME STONE 5% SILT STONE. MWD TOOL STARTED WORKING AFTER WE DRILLED TO 11398'. SERVICE RIG. FUNCTION UPPER PIPE RAMS 7 SECONDS. SAFETY MEETING ON HOUSE CLEANING. JSA's REVIEWED #99, #105 & #107. 5 X 5 STEP BACKS 10. DRILL 6 1/8" HOLE F/ 11451' TO 11509'. DRLD 58' @ 11.05 FPH. SLIDE F/ 11451' TO 11460' = 9' FOR 1 HR. 250 GPM, 2335 PSI, 16K WOB, BIT RPM 118 & 10.90 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 65 UNITS. CONN. GAS 1062 UNITS. 65% SHALE 30% SAND STONE 0% LIME STONE 5% SILT STONE. ACC. SURVEY & CONNECTION TIME. RIG SERVICE. FUNCTION ANNULAR 24 SECONDS. HAND OVER & PRETOUR SAFETY MEETING LOCK OUT TAG OUT DRILL 61/8" HOLE F/ 11509' - 11605' 8.53' / HR. BIT WT. 17K RPM 130 PP 2350 BGG 50 U CONN. GAS 143 U SAMPLE @
	00:15 - 03:30	3.25	D	03		
	03:30 - 03:45	0.25	D	06		
	03:45 - 04:00	0.25	D	05		
	04:00 - 06:00	2.00	D	03		
6/18/2010	06:00 - 06:15	0.25	D	18		
	06:15 - 09:45	3.50	D	03		
	09:45 - 10:15	0.50	D	18		
	10:15 - 17:15	7.00	D	03		
	17:15 - 17:30	0.25	D	06		
	17:30 - 17:45	0.25	D	18		
	17:45 - 18:00	0.25	D	05		
	18:00 - 18:15	0.25	D	18		
	18:15 - 18:45	0.50	D	05		
	18:45 - 23:45	5.00	D	03		
	23:45 - 00:00	0.25	D	06		
	00:00 - 00:15	0.25	D	18		
	00:15 - 05:30	5.25	D	03		
6/19/2010	05:30 - 05:45	0.25	D	05		
	05:45 - 06:00	0.25	D	06		
	06:00 - 06:15	0.25	D	18		
	06:15 - 17:30	11.25	D	03		

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EL PASO PRODUCTION  
Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Start: 2/17/2010  
 Rig Release: 7/12/2010  
 Spud Date: 5/8/2010  
 End: 7/13/2010  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/19/2010	06:15 - 17:30	11.25	D	03		11580' 80% SHALE 15% SILTSTONE 15% S/S LOSSES TO FORM. 78 BBLs. LAST 12 HRS.
	17:30 - 17:45	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C/O 8 SEC'S
	17:45 - 18:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON PULLING AND SETTING SLIPS. JSA's REVIEWED #4, #7, #19 & #38. 5 X 5 STEP BACKS 10.
	18:15 - 23:30	5.25	D	03		DRILL 6 1/8" HOLE F/ 11605' TO 11720'. DRLD 115' @ 21.90 FPH. NO SLIDE. 250 GPM, 2959 PSI, 17K WOB, BIT RPM 120 & 10.90 PPG 43 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 207 UNITS. CONN. GAS 1051 UNITS. 70% SHALE 10% SAND STONE 5% LIME STONE 15% SILT STONE TRACE% CLAY STONE.
	23:30 - 23:45	0.25	D	06		RIG SERVICE. FUNCTION HCR 3 SECONDS.
	23:45 - 00:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON DRIVING CREW TRUCK. JSA's REVIEWED #53, #76, #83, #99 & #107. 5 X 5 STEP BACKS 10.
	00:15 - 05:30	5.25	D	03		DRILL 6 1/8" HOLE F/ 11720' TO 11815'. DRLD 95' @ 18.10 FPH. NO SLIDE. 250 GPM, 2959 PSI, 17K WOB, BIT RPM 120 & 10.90 PPG 43 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 207 UNITS. CONN. GAS 459 UNITS. 60% SHALE 35% SAND STONE 0% LIME STONE 5% SILT STONE 0% CLAY STONE.
	05:30 - 05:45	0.25	D	06		SERVICE RIG. FUNCTION UPPER PIPE RAMS 7 SECONDS.
6/20/2010	05:45 - 06:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING MIXING DRLG. MUD / CHEMICALS
	06:15 - 09:45	3.50	D	03		DRILL 6 1/8" HOLE F/ 11815' - 11843' 8' / HR. BIT WT. 17 - 18K RPM 130 PP 2500 BGG 113 U CONNECTION GAS 518 U
	09:45 - 10:00	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C/O 8 SEC'S
	10:00 - 17:45	7.75	D	03		DRILL 6 1/8" HOLE F/ 11843' - 11909' 8.51' / HR. BGG 146 U HAD 3 - 4 DRLG. BREAK AT 11881' - 11885' BTMS. UP FROM THIS DRLG. BRK. GAS INCREASED TO 3700 U GAS NOT WANTING TO COME DOWN START ADDING BARITE THRU PILL TANK 11.5 PPG GOING DOWN AFTER 2 CIRCULATIONS HAD 11.1 PPG COMMING BACK CONT. ADDING BARITE AFTER 3RD CIRC. MUD WT. IN 11.8 PPG OUT 11.6 PPG FLARE WENT OUT BGG SLOWLY DROPPING AT PRESENT 1743 - 2000 U LOST 45 BBLs. DRLG. MUD IDOWN HOLE IN LAST 12 HRS.
	17:45 - 18:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON TRIPPING OUT OF HOLE. JSA's REVIEWED #2, #3 & #4. 5 X 5 STEP BACKS 15.
	18:15 - 23:30	5.25	D	03		DRILL 6 1/8" HOLE F/ 11909' TO 11955'. DRLD 46' @ 8.76 FPH. NO SLIDE OR SURVEY (SURVEY TOOL BATTERIES DEAD). 250 GPM, 2939 PSI, 18K TO 19K WOB, BIT RPM 120 & 12.90 PPG 46 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 920 UNITS. CONN. GAS 3400 UNITS. 90% SHALE 10% SAND STONE 0% LIME STONE 0% SILT STONE 0% CLAY STONE.
	23:30 - 23:45	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 24 SECONDS.
	23:45 - 00:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
6/20/2010	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON WORKING IN THE DERRICK. JSA's REVIEWED #22, #47, #61 & #83. 5 X 5 STEP BACKS 10.
	00:15 - 04:30	4.25	D	03		DRILL 6 1/8" HOLE F/ 11955' TO 11978'. DRLD 23' @ 5.41 FPH. NO SLIDE OR SURVEY (SURVEY TOOL BATTERIES DEAD). 250 GPM, 2850 PSI, 18K TO 19K WOB, BIT RPM 120 & 12.90 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 691

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Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Start: 2/17/2010  
 Rig Release: 7/12/2010  
 Rig Number: 426  
 Spud Date: 5/8/2010  
 End: 7/13/2010  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/20/2010	00:15 - 04:30	4.25	D	03		UNITS. CONN. GAS 3400 UNITS. 75% SHALE 25% SAND STONE 0% LIME STONE 0% SILT STONE 0% CLAY STONE.
	04:30 - 04:45	0.25	D	06		RIG SERVICE. FUNCTION LOWER PIPE RAMS 8 SECONDS.
	04:45 - 06:00	1.25	D	08		CIRCULATE BOTTOM UP FOR TRIP.
6/21/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING WORKING WITH DIRECTIONAL TOOLS
	06:15 - 12:00	5.75	D	04		PULL 5 STD'S PULL ROTATING HEAD ELEMENT FLOW CK WELL STATIC PUMP TRIP PILL POH WITH BIT # 20 TAKE REQUIRED FLOW CK'S WELL STATIC FUNCTION BLIND RAMS C / O 8 SEC'S
	12:00 - 13:45	1.75	D	05		LAY DOWN CATHEDRAL DIRECTIONAL TOOLS ( TRANSMITTER SUB HAD 1 TRANSMITTER PORT WASHED OUT )
	13:45 - 14:00	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 8 SEC'S
	14:00 - 16:00	2.00	D	05		WAIT ON DIRECTIONAL TOOLS
	16:00 - 16:30	0.50	D	05		HOLD SAFETY MEETING WITH DIRECTIONAL PLUS PERSONEL
	16:30 - 18:00	1.50	D	05		PU DIRECTIONAL TOOLS.
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON TRIPPING IN THE HOLE. JSA's REVIEWED #1, #25 & #43. 5 X 5 STEP BACKS 10.
	18:15 - 18:30	0.25	D	06		RIG SERVICE.
	18:30 - 00:00	5.50	D	04		PU MU DIRECTIONAL TOOLS & TIH.
6/22/2010	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON TRIPPING IN THE HOLE. JSA's REVIEWED #72, #63 & #38. 5 X 5 STEP BACKS 15.
	00:15 - 02:45	2.50	D	04		TIH TO 10978' WASH LAST 3 STANDS DOWN. 30 FEET OF FILL.
	02:45 - 05:30	2.75	D	03		DRILL 6 1/8" HOLE F/ 11978' TO 12001'. DRLD 23' @ 8.36 FPH. SLIDES F/ 11988' TO 11994' .75hrs. 240 GPM, 3125 PSI, 3K TO 15K WOB, BIT RPM 124 & 12.90 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 830 UNITS. CONN. GAS 3117 UNITS. TRIP GAS 3444 UNITS. 80% SHALE 20% SAND STONE 0% LIME STONE 0% SILT STONE 0% CLAY STONE.
	05:30 - 05:45	0.25	D	06		RIG SERVICE.
	05:45 - 06:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 12:00	5.75	D	03		DRILL 61/8" HOLE F/ 12001' - 12084' 14.43' / HR. WOB 16K RPM 128 PP 2790 BGG 290 U CONNECTION GAS 3880 U
	12:00 - 12:15	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 8 SEC'S
	12:15 - 12:45	0.50	D	05		ACC. SURVEY & CONNECTION TIME
	12:45 - 18:00	5.25	D	03		DRILL 61/8" HOLE F/ 12084' - 12135' 9.71' / HR. WOB 16K RPM 128 PP 2760 BGG 230 U SLIDE F/ 12100' - 12107' NO DOWN HOLE LOSSES LAST 12 HRS.
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON MOUSE HOLE CONNECTIONS. JSA's REVIEWED #76, #43 & #38. 5 X 5 STEP BACKS 15.
	18:15 - 23:30	5.25	D	03		DRILL 6 1/8" HOLE F/ 12135' TO 12220'. DRLD 85' @ 16.19 FPH. NO SLIDES. 249 GPM, 2951 PSI, 15K TO 16K WOB, BIT RPM 130 & 12.90 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 212 UNITS. CONN. GAS 1280 UNITS. 60% SHALE 40% SAND STONE 0% LIME STONE 0% SILT STONE 0% CLAY STONE.
	23:30 - 23:45	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
	23:45 - 00:00	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 24 SECONDS.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON HOUSE CLEANING. JSA's REVIEWED #99, #107 & #37. 5 X 5 STEP BACKS 15.
00:15 - 05:30	5.25	D	03		DRILL 6 1/8" HOLE F/ 12220' TO 12301'. DRLD 81' @ 15.43 FPH. NO	

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name:	DYE 2-28A1		
Common Well Name:	DYE 2-28A1	Spud Date:	5/8/2010
Event Name:	DRILLING	Start:	2/17/2010
Contractor Name:	PRECISION DRILLING TRUST	End:	7/13/2010
Rig Name:	PRECISION	Rig Release:	7/12/2010
		Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/22/2010	00:15 - 05:30	5.25	D	03		SLIDES. 249 GPM, 2951 PSI, 15K TO 16K WOB, BIT RPM 130 & 12.90 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 812 UNITS IN BUSTER. NO CONN. GAS UNITS. 80% SHALE 20% SAND STONE 0% LIME STONE 0% SILT STONE 0% CLAY STONE.
	05:30 - 05:45	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
	05:45 - 06:00	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAMS 7 SECONDS.
6/23/2010	06:00 - 06:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON MOUSE HOLE CONNECTIONS. JSA's REVIEWED #17, #76, #22, #37, #44 & #75. 5 X 5 STEP BACKS 15.
	06:15 - 17:15	11.00	D	03		DRILL 6 1/8" HOLE F/ 12301' TO 12424'. DRLD 123' @ 11.18 FPH. SLIDE F/ 12301' TO 12308' FOR 1 1/4 HRS. 249 GPM, 2951 PSI, 15K TO 16K WOB, BIT RPM 130 & 13.3 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 1800 UNITS OUT OF BUSTER. CONN. GAS 4010 UNITS. 70% SHALE 10% SAND STONE 5% LIME STONE 15% SILT STONE.
	17:15 - 17:30	0.25	D	06		RIG SERVICE. FUNCTION LOWER PIPE RAMS 8 SECONDS.
	17:30 - 18:00	0.50	D	05		ACC. SURVEY & CONNECTION TIME.
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON USE OF FORK LIFT. JSA's REVIEWED #37, #43 & #44. 5 X 5 STEP BACKS 10.
	18:15 - 23:30	5.25	D	03		DRILL 6 1/8" HOLE F/ 12424' TO 12485'. DRLD 61' @ 11.62 FPH. NO SLIDES. 232 GPM, 3069 PSI, 15K TO 16K WOB, BIT RPM 123 & 13.30 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 1200 UNITS OUT OF BUSTER. CONN. GAS 5950 UNITS. 25% SHALE 0% SAND STONE 50% LIME STONE 25% SILT STONE.
	23:30 - 23:45	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
	23:45 - 00:00	0.25	D	06		RIG SERVICE. FUNCTION LOWER PIPE RAMS 7 SECONDS.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON MOUSE HOLE CONNECTIONS. JSA's REVIEWED #76, #99 & #38. 5 X 5 STEP BACKS 10.
	00:15 - 05:30	5.25	D	03		DRILL 6 1/8" HOLE F/ 12485' TO 12554'. DRLD 69' @ 13.14 FPH. NO SLIDES. 232 GPM, 3138 PSI, 15K TO 16K WOB, BIT RPM 123 & 13.30 PPG 44 VIS WATER BASE MUD. NO FLOW DURING CONNECTIONS. BBG 1220 UNITS OUT OF BUSTER. CONN. GAS 5950 UNITS. 70% SHALE 25% SAND STONE 5% LIME STONE TRACE% SILT STONE.
6/24/2010	05:30 - 05:45	0.25	D	05		ACC. SURVEY & CONNECTION TIME.
	05:45 - 06:00	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 24 SECONDS.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING MOUSE HOLE CONNECTIONS LOCK OUT / TAG OUT
	06:15 - 17:15	11.00	D	03		DRILL 61/8" HOLE F/ 12554' - 12704' 13.63' / HR WOB 17K ROT. 120 PP 2950 BGG 600 - 800 U CONNECTION GAS 5580 U
	17:15 - 17:30	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 8 SEC'S
	17:30 - 18:00	0.50	D	05		ACC. SURVEY & CONNECTION TIME
	18:00 - 18:15	0.25	D	18		CREW CHANGE/ PRE TOUR SAFETY MEETING. STINGER USE ON LOADER, MAN WINCH, WORKING AROUND BOP'S
	18:15 - 23:15	5.00	D	03		DRILL 6 1/8" HOLE F/ 12704' - 12770' 13.20 F'/HR WOB 17K ROT. 120 PP 3000 BGG - 1200 - 4700 U, CONNECTION GAS 2770 U
	23:15 - 23:45	0.50	D	05		DEVIATION SURVEY/ ACCUMULATED CONNECTION TIME.
	23:45 - 00:00	0.25	D	06		RIG SER. FUNCTION HCR - 3 SEC.
00:00 - 00:15	0.25	D	18		SAFETY MEETING MOUSEHOLE CONNECTIONS, MIXING ON MUD	

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

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Spud Date: 5/8/2010  
 End: 7/13/2010

Start: 2/17/2010  
 Rig Release: 7/12/2010  
 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/24/2010	00:00 - 00:15	0.25	D	18		TANKS, HOUSEKEEPING.
	00:15 - 05:45	5.50	D	03		DRILL 6 1/8" HOLE 12770' - 12830' 10.91 'HR WOB 17K ROT 120 PP 3030 BGG - 700 - 1000 U, CONNECTION GAS 2460 U
	05:45 - 06:00	0.25	D	06		RIG SERVICE. FUNCTION UPR - 7 SECONDS
6/25/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING MIXING MUD MATERIAL
	06:15 - 17:30	11.25	D	03		DRILL 6 1/8" HOLE F/ 12830' - 129 WOB 17 -18K RPM 120 PP 3025 MUD WT. 13.7 PPG VIS. 44 BGG 307 U CONN. GAS 5580 U
	17:30 - 17:45	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S
	17:45 - 18:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	18:00 - 18:15	0.25	D	18		CREW CHANGE/ SAFETY MEETING ON SLIPS, OPERATING SKATE, MAN WINCH, MOUSE HOLE CONNECTIONS, HOUSEKEEPING, USE OF LOADER, ROTARY TABLE.
	18:15 - 19:15	1.00	D	03		DRILL 6 1/8" HOLE F/ 12935' - 12943' WOB 17 - 18 K, RPM 120, MUD WT. 13.7 PPG VIS 44 BGG - 540 U, CONN. GAS 950 U.
	19:15 - 20:30	1.25	D	08		CIRCULATE BOTTOMS UP
	20:30 - 00:00	3.50	D	04		POOH F/ 12943' 3777' FLOW CHECK @ 12943', 12555', 6351'/
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON TRIPPING OUT, USE OF TONGS, HANDLING BHA, TRIPPING IN, PIPE SPINNER USE.
	00:15 - 01:30	1.25	D	04		POOH F/ 3777' - 0' FLOW CHECK @ 807', 0'
6/26/2010	01:30 - 03:30	2.00	D	05		DIRECTIONAL WORK - LAY DOWN MUD MOTOR/ PICK UP NEW MUD MOTOR.
	03:30 - 06:00	2.50	D	04		TRIP IN HOLE F/ 0' - 5513' FILL PIPE @ 1096' & 5513'.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING PULLING & SETTING SLIPS
	06:15 - 08:00	1.75	D	04		CONT. RIH F/ 5513' - 10038' FILL DP
	08:00 - 08:45	0.75	D	06		SLIP & CUT DRILL LINE CIRC. BTMS. UP WHILE SLIPPING & CUTTING DRILL LINE
	08:45 - 09:00	0.25	D	06		RIG SER.
	09:00 - 09:30	0.50	D	08		CONT. CIRC.
	09:30 - 10:30	1.00	D	04		RIH F/ 10038' - 12067' STRING STARTED TAKING WT.
	10:30 - 13:30	3.00	D	07		WASH & REAM INTERMITTENT BRIDGES F/ 12067' - 12943' HAD 3008 U GAS ON BTMS. UP
	13:30 - 18:00	4.50	D	03		DRILL 6 1/8" HOLE F/ 12943' - 13016' 16.22' / HR. WOB 16K RPM 121 PP 3500 BGG 360 U TRIP GAS 4904 U CONN. GAS 3008 U
	18:00 - 18:15	0.25	D	18		CREW CHANGE/ SAFETY MEETING - SETTING BRAKES, USE OF STINGER, MAN WINCH
	18:15 - 23:15	5.00	D	03		DRILL 6 1/8" HOLE F/ 13016' - 13100' (SLIDE F/ 13038' - 13047') 16.8'/HR WOB 16K PP 3200 BGG 235 U TRENDING TO 3770 U CONNECTION GAS 2330 U STARTED RAISING MUD DENSITY FROM 13.7 PPG @ 22:00 HR, TO 14.1 PPG BY 00:00 HR.
	23:15 - 23:45	0.50	D	05		DEVIATION SURVEY/ ACCUMULATED CONNECTION TIME
	23:45 - 00:00	0.25	D	06		LUBRICATE RIG, FUNCTION LPR 7 SECONDS
6/27/2010	00:00 - 00:15	0.25	D	18		SAFETY MEETING - TOP DRIVE CONNECTIONS WITH 3 DP WORKING ON PUMPS WORKING ON ROOF
	00:15 - 05:15	5.00	D	03		DRILL 6 1/8" HOLE F/ 13100' - 13167' 13.4 'HR WOB 16 K PP 3250 BGG 1133 U- 3400 U TRENDING TO 1400 U CONNECTION GAS 3700 U CONTINUED RAISING MUD DENSITY FROM 14.1 PPG @ 00:00 TO 14.9 IN/OUT PPG BY 05:30 HR
	05:15 - 05:45	0.50	D	05		DEVIATION SURVEY/ ACCUMULATED CONNECTION TIME
	05:45 - 06:00	0.25	D	06		RIG SERVICE FUNCTION ANNULAR - 24 SECONDS
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name:	DYE 2-28A1		
Common Well Name:	DYE 2-28A1	Spud Date:	5/8/2010
Event Name:	DRILLING	Start:	2/17/2010
Contractor Name:	PRECISION DRILLING TRUST	End:	7/13/2010
Rig Name:	PRECISION	Rig Release:	7/12/2010
		Group:	
		Rig Number:	426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/27/2010	06:15 - 11:45	5.50	D	03		DRILL 61/8" HOLE F/ 13167' - 13229' 11.27' /HR. WOB 16K RPM 120 PP 3470 PSI BGG 270 U GAS SHOW OF 1084 U COMMING FROM 13185' NO NOTICEABLE DRLG. BRK. MUD WT. 15.1 PPG ACC. SURVEY & CONNECTION TIME
	11:45 - 12:00	0.25	D	05		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S
	12:00 - 12:15	0.25	D	06		DRILL 61/8" HOLE F/ 13229' - 13315' 14.95' /HR. WOB 16K RPM 120 PP 3480 BGG 200 - 400 U CONNECTION GAS 1264 U GAS SHOW OF 2877 U COMMING F/ 3' DRLG. BRK. AT 13240' BGG AT PRESENT 700 U SAMPLE @13280' 100% SHALE MUD WT. 15.2 PPG
	12:15 - 18:00	5.75	D	03		CREW CHANGE/ SAFETY MEETING DRIVING TO & FROM LOCATION, PULLING & SETTING SLIPS, TOP DRIVE CONNECTIONS W/ 3 DP.
	18:00 - 18:15	0.25	D	18		DRILL 6 1/8" HOLE F/ 13315' - 13356'. 12.61' /HR WOB 16K RPM 120 3500 PSI. BGG 450 U CONNECTION GAS @ 4621 U, DRILLING BREAK AT 13356'. FULL LOSS OF MUD RETURNS NOTED.
	18:15 - 21:30	3.25	D	03		LOST CIRCULATION WHILE DRILLING. MIXED SAWDUST AND COARSER CARBONATES UNTIL FLOW STARTED COMING BACK, LOST 255 BBL BEFORE RETURNS NOTED.
	21:30 - 23:00	1.50	D	08		DRILL 6 1/8" HOLE F/ 13356' - 13366' 20.00' /HR, WOB 16 RPM RPM 120 CONNECTION GAS 3360 U
	23:00 - 23:30	0.50	D	03		LUBRICATE RIG. FUNCTION HCR 3 SEC.
	23:30 - 23:45	0.25	D	06		DEVIATION SURVEY/ CONNECTION TIME.
	23:45 - 00:00	0.25	D	05		SAFETY MEETING ON MUD TANKS, MOUSEHOLE CONNECTIONS.
	00:00 - 00:15	0.25	D	18		DRILL 6 1/8" HOLE FROM 13366' - 13418' 9.9' /HR WOB 16 RPM 120 CONNECTION GAS 1286 U BGG 160 U
	00:15 - 05:30	5.25	D	03		RIG SERVICE FUNCTION UPR - 7 SECONDS
	05:30 - 05:45	0.25	D	06		DEVIATION SURVEY/ ACC. CONNECTION TIME.
	05:45 - 06:00	0.25	D	05		HAND OVER & PRETOUR SAFETY MEETING MIXING LCM
6/28/2010	06:00 - 06:15	0.25	D	18		DRILL 61/8" F/ 13418' - 13420'
	06:15 - 06:30	0.25	D	03		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 29 SEC'S
	06:30 - 06:45	0.25	D	06		ACC. SURVEY & CONNECTION
	06:45 - 07:30	0.75	D	05		BOP DRILL WELL SECURE IN 2 MIN.
	07:30 - 07:45	0.25	D	18		DRILL 61/8" HOLE F/ 13420' - 13544' 12.09' /HR. WOB 18K RPM 120 PP 3480 BGG 260 U CONN. GAS 3705 U DRILLED LAST 12 HRS. BY PASSING SHALE SHAKERS LCM CONTENT 15% 0 LOSSES
	07:45 - 18:00	10.25	D	03		CREW CHANGE/ SAFETY MEETING SETTING AND PULLING SLIPS RELEASING TRAPPED TORQUE, WORKING ON PUMPS.
	18:00 - 18:15	0.25	D	18		DRILL 6 1/8" HOLE F/ 13544' - 13610' 12.57' /HR WOB 18K RPM 120 PP 3200 BGG 270 U CONN. GAS 4272 U DRILLED, BY PASSING SHAKERS. BYPASSING GAS BUSTER. LCM CONTENT 15%
	18:15 - 23:30	5.25	D	03		LUBRICATE RIG, FUNCTION LPR - 7 SECONDS.
	23:30 - 23:45	0.25	D	06		DEVIATION SURVEY/ ACCUMULATED CONNECTION TIME.
	23:45 - 00:00	0.25	D	05		SAFETY MEETING - OPERATING THE SKATE, MOUSEHOLE CONNECTIONS.
	00:00 - 00:15	0.25	D	18		DRILL 6 1/8" HOLE F/ 13610' - 13685' 13.63' /HR, WOB 18K, 130 RPM PP 3300 BGG - 139 U, CONN. GAS 5144 U. DRILLED LAST 12 HOURS BY PASSING SHALE SHAKERS.
	00:15 - 05:45	5.50	D	03		LUBRICATE RIG, FUNCTION HCR - 3 SECONDS
	05:45 - 06:00	0.25	D	06		HAND OVER & PRETOUR SAFETY MEETING WORKING AROUND BOP'S
	06:00 - 06:15	0.25	D	18		DRILL 61/8" HOLE F/ 13685' - 13800' 13.14' /HR. WOB 18K RPM
6/29/2010	06:15 - 15:00	8.75	D	03		

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Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Start: 2/17/2010  
 Rig Release: 7/12/2010  
 Spud Date: 5/8/2010  
 End: 7/13/2010  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/29/2010	06:15 - 15:00	8.75	D	03		120 PP 3400 BGG 300 U CONN. GAS 2572 U MUD WT. 15.2 PPG VIS. 45 NO MUD LOSSES LAST 12 HRS.
	15:00 - 15:15	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	15:15 - 15:30	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C/O 8 SEC'S
	15:30 - 18:00	2.50	D	03		DRILL 61/8" HOLE F/ 13800' - 13864' 25.6' / HR. SAMPLE @13810' 70% SHALE 30% S/S
	18:00 - 18:15	0.25	D	18		CREW CHANGE/ SAFETY MEETING SET & PULL SLIPS, MAN WINCH USE
	18:15 - 23:15	5.00	D	03		DRILL 6 1/8" HOLE F/ 13864' 13935' 14.2' /HR WOB 18 - 20K RPM - 120 PP 3315 BGG 115 U CONN. GAS 2702 U, MUD WT. 15.2 IN/ 15.1 OUT, VIS 44 IN/ 45 OUT. SAMPLE 13930 - 50% SHALE, 30% SS, 20% LIMESTONE
	23:15 - 23:30	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR - 24 SECONDS
	23:30 - 00:00	0.50	D	05		DEVIATION SURVEY/ ACCUMULATED CONNECTION TIME
	00:00 - 00:15	0.25	D	18		SAFETY MEETING: DRIVING, MOUSEHOLE CONNECTIONS, HOUSEKEEPING, TRIPPING OUT, USE OF TONGS, WORKING AT MONKEY BOARD
	00:15 - 00:30	0.25	D	05		DEVIATION SURVEY
	00:30 - 00:45	0.25	D	06		RIG SERVICE - FUNCTION UPR - 7 SECONDS
	00:45 - 02:00	1.25	D	08		CIRCULATE BOTTOMS UP, CONDITION MUD.
	02:00 - 06:00	4.00	D	04		TRIP FOR BIT. HOIST FROM 13935'. FLOW CHECKS AT 13935', 11028', 6998')
	6/30/2010	06:00 - 06:15	0.25	D	18	
06:15 - 07:45		1.50	D	04		CONT. POH F/3140' TAKE REQUIRED FLOW CK'S WELL STATIC FUNCTION BLIND RAMS O/C 8 SEC'S
07:45 - 11:00		3.25	DT	61		SER. MWD (HAD TO WAIT ON NEW POPIT FOR 2 HRS.) OLD ONE WASHED OUT
11:00 - 15:30		4.50	D	04		RIH WITH BIT # 23 SEC. FM3643Z (6 BLADE 1/2" CUTTERS) FILL DP AT 3000', 6000', 9000'
15:30 - 17:00		1.50	D	08		CIRCULATE BTMS. UP AT CASG. SHOE HAD 152 U GAS ON BTMS. UP
17:00 - 18:00		1.00	D	04		CONT. RIH F/ 10015' - 11744'
18:00 - 18:15		0.25	D	18		CREW CHANGE/ SAFETY MEETING TRIPPING IN, USE OF TONGS, WORKING @ MONKEY BOARD
18:15 - 19:45		1.50	D	04		CONTINUE TRIP IN HOLE, WASH LAST 5 STANDS.
19:45 - 23:45		4.00	D	03		DRILL 6 1/8" HOLE F/ 13935' - 13990' ROP - 13.5' /HR WOB 16K, 50 RPM, PP - 3480 BGG - 1068 U THROUGH GAS BUSTER, CONN. GAS - 2811 U MUD WT - 15.1 IN/ 15.1 OUT, VIS 42 IN/ 60 OUT.
23:45 - 00:00		0.25	D	06		RIG SERVICE. FUNCTION UPR - 7 SECONDS.
00:00 - 00:15		0.25	D	18		SAFETY MEETING SETTING SLIPS & PULLING SLIPS, RELEASE TRAPPED TORQUE, MIXING ON MUD TANKS.
00:15 - 05:15	5.00	D	03		DRILL 6 1/8" HOLE F/ 13990' - 14060' ROP - 14.0' /HR WOB 16K, 50 RPM, PP - 3480 BGG - 861 U OVER SHAKER, CONN. GAS - 1149 U MUD WT - 15.2 IN/ 15.2 OUT, VIS 44 IN/ 50 OUT.	
05:15 - 05:45	0.50	D	05		DEVIATION SURVEY/ ACCUMULATED CONNECTION TIME	
05:45 - 06:00	0.25	D	06		RIG SERVICE. FUNCTION HCR - 3 SECONDS	
7/1/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING RELEASE TRAPPED TORQUE / DRIVING CREW TRUCK
	06:15 - 17:30	11.25	D	03		DRILL 61/8" HOLE F/ 14060' - 14179' 10.57' / HR. WOB 16 - 17K RPM 129 PP 2950 BGG 200 U CON. GAS 353 U LOST 64 BBLs. DRLG. MUD IN LAST 12 HRS. MUD WT. 15.2 PPG VIS. 46 SAMPLE @14150' 100% SHALE
	17:30 - 17:45	0.25	D	05		ACC. SURVEY & CONNECTION TIME

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Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Start: 2/17/2010  
 Rig Release: 7/12/2010  
 Spud Date: 5/8/2010  
 End: 7/13/2010  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/1/2010	17:45 - 18:00	0.25	D	06		RIG SER. FUNCTION HCR O / C 3 SEC'S
	18:00 - 18:15	0.25	D	18		CREW CHANGE/ SAFETY MEETING - TRIPPING IN , TRIPPING OUT, TONGS.
	18:15 - 20:15	2.00	D	03		DRILL 6 1/8" HOLE F/ 14179' - 14200' 10.5 'HR WOB 18 - 20K RPM - 129 3300 BGG - 189 @ 14194', CONN. GAS - 420 U @ 14182' MUD WT. 15.2 IN/ 15.2 OUT, VIS - 44 IN/ 52 OUT. SAMPLE 14190 - 14200 - 90% SH, 5% SS, 5% LS.
	20:15 - 20:30	0.25	D	06		RIG SERVICE FUNCTION LPR - 7 SECONDS
	20:30 - 20:45	0.25	D	05		DEVIATION SURVEY/ ACCUMULATED CONNECTION TIME
	20:45 - 22:00	1.25	D	08		CONDITION MUD AND CIRCULATE BOTTOMS UP.
	22:00 - 00:00	2.00	D	04		WIPER TRIP TO THE SHOE 10078' FLOW CHECKS AT 14200' 13697' 10078'
	00:00 - 00:15	0.25	D	18		SAFETY MEETING SETTING & PULLING SLIPS, WORKING AT MONKEY BOARD, PIPE SPINNER USE.
	00:15 - 00:30	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR - 24 SECONDS.
	00:30 - 01:00	0.50	D	04		TRIP IN F/ 10078' TO 11522'. ENCOUNTERED BRIDGE.
7/2/2010	01:00 - 06:00	5.00	D	07		WASH AND REAM BRIDGES FROM 11522' - 11754'.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 12:00	5.75	D			POH F/ 11754' TAKE REQUIRED FLOW CK'S REMOVED ROTATING HEAD ELEMENT AND PUMP TRIP PILL AT CASG. SHOE WELL STATIC
	12:00 - 14:00	2.00	D	04		LAY DOWN DIRECTIONAL TOOLS
	14:00 - 14:15	0.25	D	06		RIG SER. FUNCTION BLIND RAMS C / O 8 SEC'S
	14:15 - 18:00	3.75	D	04		RUN IN HOLE W/ 6 1/8" STC XR+ TO 4802' FILL DP BRK. CIRC.
	18:00 - 18:15	0.25	D	18		CREW CHANGE/ SAFETY MEETING - TRIPPING PIPE IN, USE OF TONGS, SETTING/ PULLING SLIPS, USE OF STINGER ON LOADER, MAN WINCH USE.
	18:15 - 20:00	1.75	D	04		RUN IN HOLE W/ 6 1/8" STC XR+ F/ 4802' TO 10000' FILL PIPE AT 4802' 7800'
	20:00 - 21:30	1.50	D	08		CIRCULATE MUD FOR BOTTOMS UP.
	21:30 - 22:15	0.75	D	04		TRIP IN HOLE FROM 10000' TO 11500' ENCOUNTER BRIDGE AT 11500'.
7/3/2010	22:15 - 00:00	1.75	D	07		WASH AND REAM BRIDGES AND FILL FROM 11480' TO 11870' BRIDGES/ TIGHT @ 11500, 11775, 11779, 11821'
	00:00 - 00:15	0.25	D	18		SAFETY MEETING PIPE SPINNER USE, DRIVING CREW TRUCK, WORKING AT MONKEY BOARD, TOP DRIVE CONNECTIONS, OPERATING LOADER
	00:15 - 00:30	0.25	D	06		RIG SERVICE, FUNCTION HCR 3 SECONDS
	00:30 - 06:00	5.50	D	07		WASH AND REAM BRIDGES AND CONDITION HOLE FROM 11870' TO 13710' BRIDGES/ TIGHT @ 11912, 11917, 12300, 12352, 12380, 12473, 12603. AT 12919, GAS SPIKED TO 3618 U, SO DIVERTED THROUGH GAS BUSTER. AS STANDS CIRCULATED DOWN BELOW THAT LEVEL, GAS PEAKED AT 2500 - 3600 U ON EACH STAND, THROUGH GAS BUSTER.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING MIXING MUD MATERIAL
	06:15 - 08:45	2.50	D	07		CONT. WASHING & REAMING F/ 13601' - 14200' VERY LIGHT REAMING
	08:45 - 12:00	3.25	D	08		CIRC. COND. MUD & HOLE BTMS. UP GAS 795 U BGG 82 U MUD WT. 15.2 PPG VIS. 46
12:00 - 18:00	6.00	D			POH UP TO CASG. SHOE AT 10144' TAKE REQUIRED FLOW CK'S HAD SLIGHT TIGHT SPOT AT 11419' PULL ROTATING HEAD ELEMENT PUMP TRIP PILL CONT. POH F/ 10144' - 1136' DID	

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Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Start: 2/17/2010  
 Rig Release: 7/12/2010  
 Spud Date: 5/8/2010  
 End: 7/13/2010  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/3/2010	12:00 - 18:00	6.00	D			NOT MEASURE OUT, VERY WINDY AT START OF TRIP
	18:00 - 18:15	0.25	D	18		CREW CHANGE/ SAFETY MEETING TRIPPING OUT OF HOLE, USE OF TONGS, WORKING AT MONKEY BOARD
	18:15 - 20:15	2.00	D	04		POH F/ 1804' - 0'. FLOW CHECKS AT 1804', 656'. 237', 0' HOLE FILL: CALCULATED: 84.3 BBL, ACTUAL: 99 BBL, DIFFERENCE: 14.7 BBL.
	20:15 - 20:30	0.25	D	18		SAFETY MEETING WITH HALLIBURTON PRIOR TO RIGGING UP FOR WIRELINE LOGS.
	20:30 - 00:00	3.50	D	11		WIRELINE LOGS - RUN #1 - GAMMA SPIRAL GAMMA, NUCLEAR POROSITY, SONIC, RESISTIVITY/ LOGGER T.D.: 14216. FIRST RUN ON BOTTOM @ 00:00 SOME DIFFICULTY GETTING THROUGH 11300 - 11700.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING LOGGING, HANDLING BHA, RELEASE TRAPPED TORQUE, HOUSEKEEPING.
7/4/2010	00:15 - 00:30	0.25	D	06		RIG SERVICE. FUNCTION UPR.
	00:30 - 06:00	5.50	D			WIRELINE LOGS - RUN #1, MICRO RESISTIVITY IMAGER
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING LOGGING
	06:15 - 09:00	2.75	D	11		FINISH RUNNING QUAD COMBO INTERMITTENT TIGHT SPOTS F/ 11785' UP 10144' CASG. SHOE
	09:00 - 13:00	4.00	D	11		RUN #2 XRMI LOG UNABLE TO GET BELOW 10560' PULL LOGGING TOOL RIG OUT AND RELEASE HALLIBURTON
	13:00 - 13:15	0.25	D	06		RIG SER. FUNCTION BLIND RAMS C / O 8 SEC'S
	13:15 - 18:00	4.75	D	04		RUN IN HOLE W/ RR 61/8" MILL TOOTH BIT TO CASG. SHOE FILLED DP AT 3000', 6000', 10049'
	18:00 - 18:15	0.25	D	18		CREW CHANGE/ SAFETY MEETING. TRIPPING IN, TRIPPING OUT, USE OF TONGS, SETTING & PULLING SLIPS, SETTING CROWN SAVER, SLIP & CUT DRILLING LINE.
	18:15 - 19:00	0.75	D	18		SLIP & CUT DRILLING LINE.
	19:00 - 19:15	0.25	D	06		RIG SERVICE, FUNCTION HCR - 3 SECONDS
	19:15 - 20:15	1.00	D	08		CIRCULATE AND CONDITION MUD. MIX LOST CIRCULATION MATERIAL. NO RETURNS WHEN ATTEMPTING TO CIRCULATE ABOVE CASING SHOE. AT 10049'.
	20:15 - 20:30	0.25	D	18		SAFETY STAND DOWN
	20:30 - 22:30	2.00	D	08		CIRCULATE AND CONDITION MUD. MIX LOST CIRCULATION MATERIAL. NO RETURNS.
	22:30 - 22:45	0.25	D	18		SAFETY STAND DOWN
22:45 - 00:00	1.25	D	08		CIRCULATE AND CONDITION MUD. MIX LOST CIRCULATION MATERIALS. STARTED GETTING RETURNS.	
7/5/2010	00:00 - 00:15	0.25	D	18		SAFETY MEETING
	00:15 - 02:30	2.25	D	08		CIRCULATE AND CONDITION MUD, SMOOTH OUT SYSTEM.
	02:30 - 06:00	3.50	D	07		WASH FROM 10049' TO 11350'. NO PROBLEMS WASHING THROUGH SPOTS REPORTED TIGHT FOR WIRELINE LOGS.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING PULLING & SETTING SLIPS
	06:15 - 12:30	6.25	D	07		CONT. WASHING & REAMING F/ 11350' - 12333' MOST OF THE TIME NO REAMING WAS REQUIRED RIH F/ 12333' - 13620' WASH LAST 4 STD'S TO BTM. 13620' - 14200' HAD 4' FILL
	12:30 - 12:45	0.25	D	18		SAFETY STAND. DOWN
	12:45 - 14:30	1.75	D	08		CIRC. COND. MUD & HOLE HAD 3095 U GAS ON BTMS. UP BGG 180 U LCM 30% MUD WT. 15.2 PPG VIS. 46 LOST 5 BBLs. DRLG. MUD DOWN HOLE SINCE BACK ON BTM.
	14:30 - 17:30	3.00	D	04		FLOW CK. PULL 5 STD'S DP PULL ROTATING HEAD ELEMENT FLOW CK. DROP 17/8" OD DP DRIFT CONT. POH 14200' TO

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

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Spud Date: 5/8/2010  
 End: 7/13/2010

Start: 2/17/2010  
 Rig Release: 7/12/2010  
 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/5/2010	14:30 - 17:30	3.00	D	04		8451', FLOW CHECKS AT 14121, 13733, 8153.
	17:30 - 17:45	0.25	D	18		SAFETY STAND DOWN.
	17:45 - 18:00	0.25	D	06		RIG SERVICE. FUNCTION UPR - 7 SECONDS.
	18:00 - 18:15	0.25	D	18		CREW CHANGE/ SAFETY MEETING - TRIPPING IN / TRIPPING OUT USE OF TONGS, SETTING & PULLING SLIPS.
	18:15 - 20:15	2.00	D	04		TRIP OUT OF HOLE F/ 8451' - 2000' FLOW CHECK 383'
	20:15 - 20:30	0.25	D	06		RIG SERVICE. FUNCTION LPR - 7SECONDS.
	20:30 - 20:45	0.25	D	18		SAFETY STAND DOWN.
	20:45 - 21:30	0.75	D	04		TRIP OUT OF HOLE F/ 2000' TO 0' cALCULATED FILL: 104.80 BBL, ACTUAL: 125 BBL, DIFFERENCE: 21.8 BBL.
	21:30 - 21:45	0.25	D	18		SAFETY MEETING W/ WEATHERFORD.
	21:45 - 22:45	1.00	D	11		RIG IN LOGGING EQUIPMENT, ASSEMBLE TOOL.
	22:45 - 23:00	0.25	D	18		SAFETY STAND DOWN MEETING.
	23:00 - 00:00	1.00	D	11		WIRELINE LOGS - GAMMA, MICRO IMAGER/
	00:00 - 00:15	0.25	D	18		SAFETY MEETING - TO AND FROM DRIVING
	00:15 - 00:30	0.25	D	06		RIG SERVICE. FUNCTION HCR - 3 SECONDS.
	00:30 - 01:00	0.50	D	11		WIRELINE LOGS/ GAMMA, MICRO IMAGER - TOOL STOPPED TRANSMITTING WHILE WORKING TO BOTTOM, AT 11428'
7/6/2010	01:00 - 01:15	0.25	D	18		SAFETY STAND DOWN
	01:15 - 03:15	2.00	D	11		RECOVER LOGGING TOOLS TO SURFACE, LAY OUT TOOLS.
	03:15 - 03:30	0.25	D	18		SAFETY STAND DOWN
	03:30 - 04:30	1.00	DT	68		WAIT ON ORDERS.
	04:30 - 06:00	1.50	D	04		MAKE UP BIT, RUN IN HOLE F/ 0' - 438'.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 09:30	3.25	D	04		RIH F/ 438' - 10059'
	09:30 - 09:45	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S
	09:45 - 10:45	1.00	D	08		CIRC. BTMS. UP HAD 357 U GAS ON BTMS. UP
	10:45 - 11:45	1.00	D	04		CONT. RIH TO 11417' STRING STARTED TAKING WT. PULL UP TO 11100'
	11:45 - 18:00	6.25	D	07		WASH AND REAM F/ 11100' - 11934' REAMED & REREAMED SEVERAL TIMES 4 - 6K BIT WT. 5 - 8K TORQUE UNABLE TO RIH WITH OUT W & R HAD 6365 U GAS WHILE W & R COMMING FROM 11410' BGG 305 U RUN IN HOLE F/ 11934' - 13345' CONT. W & R F/ 13345' - 13470'
	18:00 - 18:15	0.25	D	18		CREW CHANGE/ SAFETY MEETING/ TRIPPING IN/ TRIPPING OUT. USE OF TONGS, SETTING/ PULLING SLIPS/ DRIVING TO & FROM LOCATION.
	18:15 - 20:15	2.00	D	07		WASH & REAM FROM 13470' TO 14200'.
	20:15 - 20:30	0.25	D	18		SAFETY STAND DOWN.
	20:30 - 22:30	2.00	D	08		CIRCULATE AND CONDITION MUD.
	22:30 - 22:45	0.25	D	18		SAFETY STAND DOWN.
	22:45 - 23:00	0.25	D	08		CIRCULATE AND CONDITION MUD.
	23:00 - 00:00	1.00	D	04		TRIP OUT OF HOLE FROM 14,200 TO 13104'
	00:00 - 00:15	0.25	D			SAFETY MEETING. PIPE SPINNER USE. OPERATING LOADER. HANDLING BHA, HOUSEKEEPING,
	00:15 - 00:30	0.25	D	07		ENCOUNTERED TIGHT LARGER THAN DESIRABLE DRAG AND BRIDGING AT 13104'. CIRCULATED AND WORKED THROUGH FOR .25 HR.
00:30 - 01:45	1.25	D	04		TRIP OUT TO CASING SHOE, AT 10084'. FLOW CHECK.	
01:45 - 02:00	0.25	D	18		FLOW CHECK @ 10084'.	
02:00 - 02:30	0.50	DT	56		TRIP IN TO 11046'. ENCOUNTERED BRIDGE/ FILL.	
02:30 - 05:45	3.25	DT	56		WASHED AND REAMED FROM 11046'. WORKED THROUGH 11430 TO 11500' REPEATEDLY. MAKE UP STANDS AND WORK	

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Spud Date: 5/8/2010  
 Start: 2/17/2010  
 End: 7/13/2010  
 Rig Release: 7/12/2010  
 Group:  
 Rig Number: 426

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/6/2010	02:30 - 05:45	3.25	DT	56		THROUGH TO 11725'. PULL BACK TO 11426', AND CONFIRM CONDITION OF HOLE.
7/7/2010	05:45 - 06:00	0.25	DT	56		SAFETY MEETING/ CREW CHANGE.
	06:00 - 06:15	0.25	DT	67		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 11:00	4.75	DT	56		CONT. PULL UP TO 11000' RAN BACK IN HOLE TO 11335' W&R F/11335' - 11912' AREA BETWEEN 11729' & 11753' HAD TO BE REAMED OUT NUMEROUS TIMES EVERY TIME BIT WAS PULLED ABOVE 11729' MORE RUBBLE WOULD FALL IN WHICH HAD TO BE DRILLED UP PULL BACK UP TO 11000' RUN BACK IN TO 11551' W & R F/ 11551' - 11913' AT TIMES IT APPEARS THE MORE HOLE IS WORKED THE WORSE IT BECOMES RIG SER. FUNCTION UPPER PIPE RAMS C / O 8 SEC'S
	11:00 - 11:15	0.25	DT	56		PULL BACK UP TO 11000' RIH F/ 11000' - 12009' WORKED THRU TIGHT SPOT F/ 11721' - 11808' THIS IS BEST TRIP SO FAR
	11:15 - 18:00	6.75	DT	56		PULL BACK UP TO 11000' RUN BACK IN HOLE TO 11741' W & R THRU TIGHT SPOT F/ 11741' - 11785' CONT. RIH TO 11900' CREW CHANGE. SAFETY MEETING ON TRIPPING IN HOLE. RIH F/ 11900' TO 12000' WASH & REAM. POOH F/ 12000' TO 11000' FOR WIPER TRIP. RIH F/ 11000' TO 12290' (NO PUMP OR NO ROTATING). POOH F/ 12290' TO 10085' FOR WIPER TRIP. RIH F/ 10085' TO 12972' NO PUMP OR NO ROTATING. FILL PIPE @ 12972'.
	18:00 - 18:15	0.25	DT	67		RIG SERVICE.
	18:15 - 23:45	5.50	DT	56		SAFETY MEETING ON PIPE SPINNERS USE.
	23:45 - 00:00	0.25	DT	67		RIH F/ 12972' TO 13837' NO PUMP OR NO ROTATING. FILL PIPE @ 13361'. WASH AND REAM F/ 13837' TO 14200'. NO FILL.
	00:00 - 00:15	0.25	DT	67		CIRCULATE & CONDITION HOLE.
	00:15 - 02:15	2.00	DT	56		POOH F/ 14200' TO 12393'. STRAP OUT OF HOLE.
7/8/2010	02:15 - 04:30	2.25	DT	56		HAND OVER & PRETOUR SAFETY MEETING
	04:30 - 06:00	1.50	DT	56		CONT. POH F/ 12393' LAY DOWN 6 - DC'S TAKE REQUIRED
	06:00 - 06:15	0.25	D	18		FLOW CK'S WELL STATIC
	06:15 - 12:00	5.75	D	04		RIG SER. FUNCTION BLIND RAMS C / O 8 SEC'S
	12:00 - 12:15	0.25	D	06		RIG IN FRANKS WESTATES CASG. SER. HOLD SAFETY MEETING
	12:15 - 12:45	0.50	D	12		RUN 4 1/2" P-110 15.1# LT&C LINER 64 JTS. RUN FILL CASG. & BRK. CIRC. EVERY 10 JTS.
	12:45 - 18:00	5.25	D	12		CREW CHANGE. SAFETY MEETING ON TRIPPING IN.
	18:00 - 18:15	0.25	D	18		RUN 4 1/2" P-110 15.1# LT&C LINER 64 JTS. RUN FILL CASG. & BRK. CIRC. EVERY 10 JTS.
	18:15 - 20:30	2.25	D	12		RIH WITH DP & HWDP F/ 4315' TO 6326'. FILL EVERY 10 STANDS.
	20:30 - 00:00	3.50	D	12		SAFETY MEETING ON OPERATING SKATE.
7/9/2010	00:00 - 00:15	0.25	D	18		RIH WITH DP & HWDP F/ 6326' TO 10075'. FILL EVERY 10 STANDS.
	00:15 - 04:00	3.75	D	12		CIRCULATE BOTTOMS UP & CONDITION MUD.
	04:00 - 05:00	1.00	D	08		SERVICE RIG. FUNCTION HCR 3 SECONDS.
	05:00 - 05:15	0.25	D	06		RIH WITH DP & HWDP F/ 10075' TO 10946'. FILL EVERY 10 STANDS.
	05:15 - 06:00	0.75	D	12		HAND OVER & PRETOUR SAFETY MEETING
	06:00 - 06:15	0.25	D	18		CONT. RUNNING LINER IN ON 3 1/2" DP F/ 10946' - 12102' WASH
	06:15 - 12:00	5.75	D	12		LAST 22 STD'S DP DOWN F/ 12102' - 14200'
	06:00 - 06:00		D			RAN 107 JTS. 4 1/2" 15.1# P-110 LT&C CASG. LENGHT WITH FLOAT EQUIP. & 2 MARKER JTS.4275.13' RAN CASG. IN ON HALLIBURTON VERSA FLEX LINER HANGER & 3 1/2" DP
	12:00 - 14:00	2.00	D	08		CIRC. COND. MUD & HOLE MUD WT. 15.2 PPG VIS. 46 NO DOWN HOLE LOSSES WHILE CIRCULATING

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Operations Summary Report

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 Start: 2/17/2010  
 Rig Release: 7/12/2010  
 Rig Number: 426  
 Spud Date: 5/8/2010  
 End: 7/13/2010  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/9/2010	14:00 - 16:30	2.50	D	14		RIG IN SCHLUMBERGER CEMENTERS HOLD SAFETY MEETING W/ HOWCO, SCHLUMBERGER , RIG CREW
	16:30 - 22:30	6.00	D	14		SCHLUMBERGER TEST LINES TO 8700 PSI, OK, PUMP 20 BBL OF MUDPUSH II AT 16.2 PPG, MIX AND PUMP LEAD CEMENT 101 BBL 575 SKS DENSURETE CEMENT AT 17.0 PPG, 2.941 GAL/SK, YIELD .99 FT3/SK, TAIL CEMENT 21 BBL 65 SKS CONVENTIONAL HEMATITE WEIGHTED CEMENT AT 17.5 PPG, 7.299 GAL/SK, YIELD 1.85 FT3/SK, WASH UP PUMP, PUMP OUT WIPER PLUG AND DISPLACE WITH 60 BBL MUD AT 15.2 PPG, 10 BBL MUD PUSH II AT 16.2 PPG, 62.5 BBL MUD AT 15.2 PPG. DROPPED THE BALL WAIT 75 MIN. PACKER INFLATED AND SHEARED AT 5700 / 6000 PSI. SET LINER HANGER AND SHEARED OFF. PU TO CIRCULATING CEMENT OUT ANNULUS. CIRCULATE 2 BOTTOMS UP. 24 BBL CEMENT RETURNS.
	22:30 - 01:15	2.75	D	09		POSITIVE PRESSURE TEST. TEST LINER HANGER /PACKER TO 1500 PSI FOR 15 MIN. OK. (PUMP TRUCK REPAIRS).
	01:15 - 03:30	2.25	D	09		DISPLACE CASING TO WATER (500 BBL). CONDUCT NEGITIVE TEST 15 MIN. OK.
7/10/2010	03:30 - 04:30	1.00	D	14		RD & RELEASE SCHLUMBERGER CEMENT CREW.
	04:30 - 06:00	1.50	D	04		TOOH LD DP.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 13:30	7.25	D	04		LAY DOWN DP F/ 12890' TO 4000'
	13:30 - 13:45	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 8 SEC'S
	13:45 - 15:00	1.25	D	04		CONT. LAYING DOWN 31/2" DP
	15:00 - 15:30	0.50	D	04		LAY DOWN LINER RUNNING TOOL
	15:30 - 16:00	0.50	D	04		RUN IN DP FROM DERRICK
	16:00 - 18:00	2.00	D	04		POH LAYING DOWN 31/2" DP
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON TRIPPING OUT OF HOLE.
7/11/2010	18:15 - 19:15	1.00	D	04		POOH LD 3 1/2" DP.
	19:15 - 21:15	2.00	D	18		SAFETY MEETING W/ BAKER OIL TOOLS. RU & SET WIRE LINE SET, 2 3/8" TUBING RETRIEVABLE BRIDGE PLUG AT 2010' (BAKER OIL TOOLS). PRESSURE TEST TO 1500 PSI FOR 15 MIN. TEST HELD. RD & RELEASE BAKER OIL TOOLS.
	21:15 - 00:00	2.75	D	15		NIPPLE DOWN BOP, KILL LINE & FLOOR.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON OPERATING SKATE.
	00:15 - 06:00	5.75	D	15		NIPPLE DOWN BOP, KILL LINE & FLOOR.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING NIPPLE DOWN BOP'S
	06:15 - 18:00	11.75	D	10		REMOVE KATCH KAN & ROTATING HEAD NIPPLE DOWN BOP REMOVE 31/2" PIPE RAMS TOOK BOP APART IN 3 SECTIONS REMOVE BOP SCAFFOLDING REMOVE C SECTION & SPLIT PACK OFF
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON NIPPLE DOWN BOP.
	18:15 - 00:00	5.75	D	01		WEATHERFORD NU TUBING HEAD PRESSURE TEST TO 5000 PSI FOR 15 MIN. TEST HELD. RIG OUT AND TEAR DOWN TOP DRIVE. LAY OUT SERVICE LOOP. LAY DOWN SWIVEL. PRESSURE WASH RIG MUD TANKS. PRESSURE WASH BOP STACK.
	7/12/2010	00:00 - 00:15	0.25	D	18	
00:15 - 06:00		5.75	D	01		RIG OUT TORQUE TUBE. LD TORQUE TUBE. PU DYNAPLEX.
06:00 - 06:15		0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING RIGGING OUT
06:15 - 18:00		11.75	D	01		REMOVE CATCH PAN, REMOVE BEAVER SLIDE, STAIRS TO MUD TANK, FLIP OVER V-DOOR & STAIRS. MOVE CATWALK OUT OF ROAD PREPARE & LAY OVER RACKING PLATFORM PICK UP

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EL PASO PRODUCTION  
**Operations Summary Report**

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION

Start: 2/17/2010  
 Rig Release: 7/12/2010  
 Rig Number: 426

Spud Date: 5/8/2010  
 End: 7/13/2010  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/12/2010	06:15 - 18:00	11.75	D	01		DYNA PLEX & BRIDLE LINE LOAD OUT 2 LOADS OF 31/2" DP LOAD OUT BOTH SERVICE HANDS WELL SITE TRAILERS SENT TO ALTAMONT PIPE YARD, 4 CMT. WTS., 1 SET PIPE RACKS, MISC. PIPE & HOSES CONTINUE WITH GENERAL TEAR OUT CREW CHANGE. SAFETY MEETING ON RIGGING OUT TRUCKS. RIG DOWN ELECTRICAL CORDS, MUD TANKS, BRIDLE UP, ORGANIZE SHACKS, CLEAN RIG, PREP DERRICK FOR LAY OVER. HAND OVER & PRETOUR SAFETY MEETING TEAR OUT DRLG. RIG / CRANE OPERATION PREPARE TO LOWER DERRICK SAFETY MEETING WITH VALLEY CREST CRANE SER. MOVE RACKING PLATFORM OUT OF ROAD, SO DERRICK CAN BE LOWERD REMOVE GAS BUSTER LINES LAY OVER GAS BUSTER CHECK, INSPECT & LOWER DERRICK UNSTRING TRAVELLING BLOCKS REMOVE KELLY HOSE TIE UP REMAINING TONG AND BOOM LINES CLEAN UP MATTING CONTINUE WITH GENERAL RIG OUT LOADED OUT LAST LOAD OF 43/4" DC'S, & BASKET WITH HANDLING TOOLS RIG RELEASED 2400 HRS. JUL.12 / 2010
	18:00 - 18:15	0.25	D	18		
	18:15 - 06:00	11.75	D	01		
7/13/2010	06:00 - 06:15	0.25	D	18		PREPARE TO LOWER DERRICK SAFETY MEETING WITH VALLEY CREST CRANE SER. MOVE RACKING PLATFORM OUT OF ROAD, SO DERRICK CAN BE LOWERD REMOVE GAS BUSTER LINES LAY OVER GAS BUSTER CHECK, INSPECT & LOWER DERRICK UNSTRING TRAVELLING BLOCKS REMOVE KELLY HOSE TIE UP REMAINING TONG AND BOOM LINES CLEAN UP MATTING CONTINUE WITH GENERAL RIG OUT LOADED OUT LAST LOAD OF 43/4" DC'S, & BASKET WITH HANDLING TOOLS RIG RELEASED 2400 HRS. JUL.12 / 2010
	06:15 - 00:00	17.75	D	01		

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<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>
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<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> DYE 2-28A1
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<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP	<b>9. API NUMBER:</b> 43013500660000
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<b>3. ADDRESS OF OPERATOR:</b> 1099 18th ST, STE 1900 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 291-6417 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
--	--	--

<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0729 FSL 1100 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 28 Township: 01.0S Range: 01.0W Meridian: U	<b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/5/2010	<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 checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Date of first production: 8/5/2010 - 520 BW. Date of first oil & gas production/sales: 8/14/2010 - 33 BO, 9 MCF, 872 BW. 24 hrs.

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

**FOR RECORD ONLY**

01/12/2011

<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> 1/12/2011	

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

**CONFIDENTIAL** AMENDED REPORT (highlight changes) FORM 8

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. LEASE DESIGNATION AND SERIAL NUMBER:  
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:  
Dye 2-28A1

9. API NUMBER:  
4301350066

10. FIELD AND POOL, OR WILDCAT  
Altamont

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
SWSW 28 T1S R1E

12. COUNTY  
Duchesne

13. STATE  
UTAH

14. DATE SPURRED: 3/8/2010

15. DATE T.D. REACHED: 7/1/2010

16. DATE COMPLETED: 8/5/2010

ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
5257 GL

18. TOTAL DEPTH: MD 14,200 TVD 14,198

19. PLUG BACK T.D.: MD 8 TVD 8

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)  
Quad Combo

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	54.5	0	823		G 900	120	0	NA
12.5	9.625 N-80	40	0	3,572		G 839	297		
						G 215	61		
8.75	7 p110	29	0	10,111		G 1,885	582		
						G 169	58		
6.125	4.5 p110	15.1	9,903	14,200		G 575	101	9903	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	9,940	9,918						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	10,039	14,200			14,143 13,823	.34	135	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					13,769 13,528	.34	90	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					13,477 13,163	.34	123	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)					13,138 12,936	.34	93	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
14143 13823	5000 gal 15% HCL, 1375# 100 mesh, 20490# 20/40 terraprop
13769 13528	10000 gal 15% HCL, 6000# 100 mesh, 7824# 20/40 terraprop
13477 13163	5000 gal 15% HCL, 6480# 100 mesh, 0# 20/40 terraprop

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

GEOLOGIC REPORT

CORE ANALYSIS

DST REPORT

OTHER:

DIRECTIONAL SURVEY

30. WELL STATUS:  
prod

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 8/5/2010		TEST DATE: 8/15/2010		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 235	GAS – MCF: 845	WATER – BBL: 992	PROD. METHOD: flow
CHOKE SIZE: 14	TBG. PRESS. 0	CSG. PRESS. 3,750	API GRAVITY 41.80	BTU – GAS 1,299	GAS/OIL RATIO 4	24 HR PRODUCTION RATES: →	OIL – BBL: 235	GAS – MCF: 845	WATER – BBL: 992	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.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
GRRV	5,726	7,073	Stacked SS, siltstone, shale, dolo, LS		
GRTN1	7,073	7,744	Stacked SS, siltstone, shale, dolo, LS		
GRMHB	7,744	8,946	Stacked SS, siltstone, shale, dolo, LS		
TGR3	8,946	10,039	Stacked SS, siltstone, shale, dolo, LS		
WASATCH	10,039	14,200	Stacked SS, siltstone, shale, dolo, LS		

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) Marie OKeefe

TITLE Sr. Regulatory Analyst

SIGNATURE



DATE 1/12/2011

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  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

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

ADDITIONAL TO FORM 8

Dye 2-28A1

El Paso E&P

ITEM 27(CONT)	PERFORATION RECORD
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INTERVAL	SIZE	NO. HOLES	PERFORATION STATUS
12854-12506	0.34	156	OPEN
12465-12163	0.34	159	OPEN
12104-11829	0.34	120	OPEN

ITEM 28 (CONT)	ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE ETC.
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DEPTH INTERVAL	AMOUNT AND TYPE MATERIAL
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13138-12936	5000 GAL 15% HCL,6500# 100 mesh sand, 124159#, 20/40 terraprop
12854-12506	5000 GAL 15% HCL,10870# 100 mesh sand, 174700#, 20/40 terraprop
12465-12163	5000 GAL 15% HCL,8900# 100 mesh sand, 171113#, 20/40 terraprop
12104-11829	5000 GAL 15% HCL,9000# 100 mesh sand, 167238#, 20/40 terraprop



Deviation Summary

Legal Well Name: DYE 2-28A1 Spud Date: 5/8/2010  
 Common Well Name: DYE 2-28A1 Start: 2/17/2010  
 Event Name: DRILLING End: 7/13/2010  
 Contractor Name: PRECISION DRILLING TRUST Rig Release: 7/12/2010  
 Rig Name: PRECISION Rig Number: 426  
 TMD: 14,146.00 (ft) TVD: 14,144.29 (ft) Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.000

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	0.00	0.000	0.000	YNN	0.00	0.00	0.00	0.00	0.00	0.00	MWD
OH	884.00	0.200	40.700	YNN	884.00	1.17	1.01	1.17	0.02	0.02	MWD
OH	977.00	0.600	41.800	YNN	977.00	1.66	1.44	1.66	0.43	0.43	MWD
OH	1,070.00	0.700	36.700	YNN	1,069.99	2.47	2.10	2.47	0.12	0.11	MWD
OH	1,163.00	0.400	28.400	YNN	1,162.99	3.22	2.59	3.22	0.33	-0.32	MWD
OH	1,256.00	0.600	21.300	YNN	1,255.98	3.95	2.93	3.95	0.22	0.22	MWD
OH	1,349.00	0.500	24.700	YNN	1,348.98	4.78	3.27	4.78	0.11	-0.11	MWD
OH	1,443.00	0.500	9.500	YNN	1,442.97	5.55	3.51	5.55	0.14	0.00	MWD
OH	1,537.00	0.400	20.300	YNN	1,536.97	6.27	3.69	6.27	0.14	-0.11	MWD
OH	1,631.00	0.600	12.000	YNN	1,630.97	7.06	3.91	7.06	0.23	0.21	MWD
OH	1,725.00	0.400	346.900	YNN	1,724.96	7.86	3.94	7.86	0.31	-0.21	MWD
OH	1,820.00	0.500	359.700	YNN	1,819.96	8.59	3.86	8.59	0.15	0.11	MWD
OH	1,914.00	0.300	18.700	YNN	1,913.96	9.24	3.94	9.24	0.25	-0.21	MWD
OH	2,007.00	0.400	10.900	YNN	2,006.96	9.79	4.08	9.79	0.12	0.11	MWD
OH	2,103.00	0.200	29.100	YNN	2,102.96	10.26	4.22	10.26	0.23	-0.21	MWD
OH	2,197.00	0.300	14.400	YNN	2,196.95	10.64	4.36	10.64	0.13	0.11	MWD
OH	2,297.00	0.300	62.400	YNN	2,296.95	11.02	4.66	11.02	0.24	0.00	MWD
OH	2,389.00	0.400	69.000	YNN	2,388.95	11.25	5.17	11.25	0.12	0.11	MWD
OH	2,479.00	0.200	60.300	YNN	2,478.95	11.44	5.60	11.44	0.23	-0.22	MWD
OH	2,572.00	0.300	114.100	YNN	2,571.95	11.42	5.97	11.42	0.26	0.11	MWD
OH	2,668.00	0.300	111.500	YNN	2,667.95	11.22	6.43	11.22	0.01	0.00	MWD
OH	2,760.00	0.300	66.900	YNN	2,759.95	11.23	6.87	11.23	0.25	0.00	MWD
OH	2,853.00	0.100	87.000	YNN	2,852.95	11.33	7.18	11.33	0.22	-0.22	MWD
OH	2,946.00	0.400	75.600	YNN	2,945.95	11.41	7.57	11.41	0.33	0.32	MWD
OH	3,040.00	0.400	94.400	YNN	3,039.94	11.47	8.22	11.47	0.14	0.00	MWD
OH	3,133.00	0.200	125.100	YNN	3,132.94	11.35	8.68	11.35	0.27	-0.22	MWD
OH	3,227.00	0.300	142.100	YNN	3,226.94	11.06	8.96	11.06	0.13	0.11	MWD
OH	3,321.00	0.200	93.400	YNN	3,320.94	10.86	9.28	10.86	0.24	-0.11	MWD



## Deviation Summary

Legal Well Name: DYE 2-28A1 Spud Date: 5/8/2010  
 Common Well Name: DYE 2-28A1 Start: 2/17/2010  
 Event Name: DRILLING End: 7/13/2010  
 Contractor Name: PRECISION DRILLING TRUST Rig Release: 7/12/2010  
 Rig Name: PRECISION Rig Number: 426  
 TMD: 14,146.00 (ft) TVD: 14,144.29 (ft) Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.000

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	3,383.00	0.300	95.700	YNN	3,382.94	10.84	9.55	10.84	0.16	0.16	MWD
OH	3,478.00	0.300	96.500	YNN	3,477.94	10.78	10.04	10.78	0.00	0.00	MWD
OH	3,543.00	0.100	101.500	YNN	3,542.94	10.75	10.26	10.75	0.31	-0.31	MWD
OH	3,649.00	0.400	65.300	YNN	3,648.94	10.89	10.69	10.89	0.31	0.28	MWD
OH	3,737.00	0.300	59.300	YNN	3,736.94	11.13	11.17	11.13	0.12	-0.11	MWD
OH	3,831.00	0.300	34.800	YNN	3,830.93	11.46	11.52	11.46	0.14	0.00	MWD
OH	3,922.00	0.300	30.600	YNN	3,921.93	11.86	11.78	11.86	0.02	0.00	MWD
OH	4,016.00	0.100	297.000	YNN	4,015.93	12.11	11.83	12.11	0.34	-0.21	MWD
OH	4,110.00	0.200	9.500	YNN	4,109.93	12.31	11.78	12.31	0.21	0.11	MWD
OH	4,204.00	0.100	13.900	YNN	4,203.93	12.55	11.83	12.55	0.11	-0.11	MWD
OH	4,296.00	0.200	345.700	YNN	4,295.93	12.79	11.81	12.79	0.13	0.11	MWD
OH	4,390.00	0.400	311.500	YNN	4,389.93	13.16	11.52	13.16	0.28	0.21	MWD
OH	4,484.00	0.400	311.900	YNN	4,483.93	13.60	11.03	13.60	0.00	0.00	MWD
OH	4,577.00	0.200	333.700	YNN	4,576.93	13.96	10.72	13.96	0.24	-0.22	MWD
OH	4,670.00	0.400	332.700	YNN	4,669.93	14.40	10.50	14.40	0.22	0.22	MWD
OH	4,763.00	0.500	325.300	YNN	4,762.92	15.02	10.12	15.02	0.12	0.11	MWD
OH	4,857.00	0.300	330.700	YNN	4,856.92	15.57	9.77	15.57	0.22	-0.21	MWD
OH	4,949.00	0.100	348.200	YNN	4,948.92	15.86	9.63	15.86	0.22	-0.22	MWD
OH	5,041.00	0.300	50.600	YNN	5,040.92	16.09	9.80	16.09	0.29	0.22	MWD
OH	5,136.00	0.400	16.600	YNN	5,135.92	16.57	10.09	16.57	0.24	0.11	MWD
OH	5,229.00	0.300	53.300	YNN	5,228.92	17.02	10.38	17.02	0.26	-0.11	MWD
OH	5,325.00	0.100	281.500	YNN	5,324.92	17.19	10.50	17.19	0.39	-0.21	MWD
OH	5,419.00	0.100	1.600	YNN	5,418.92	17.29	10.42	17.29	0.14	0.00	MWD
OH	5,513.00	0.100	77.200	YNN	5,512.92	17.39	10.50	17.39	0.13	0.00	MWD
OH	5,608.00	0.400	101.500	YNN	5,607.91	17.34	10.91	17.34	0.33	0.32	MWD
OH	5,703.00	0.400	62.600	YNN	5,702.91	17.43	11.53	17.43	0.28	0.00	MWD
OH	5,797.00	0.400	47.100	YNN	5,796.91	17.80	12.06	17.80	0.11	0.00	MWD
OH	5,891.00	0.100	218.700	YNN	5,890.91	17.96	12.25	17.96	0.53	-0.32	MWD



## Deviation Summary

Legal Well Name: DYE 2-28A1 Spud Date: 5/8/2010  
 Common Well Name: DYE 2-28A1 Start: 2/17/2010  
 Event Name: DRILLING End: 7/13/2010  
 Contractor Name: PRECISION DRILLING TRUST Rig Release: 7/12/2010  
 Rig Name: PRECISION Rig Number: 426  
 TMD: 14,146.00 (ft) TVD: 14,144.29 (ft) Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.000

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	5,985.00	0.400	78.600	YNN	5,984.91	17.96	12.52	17.96	0.51	0.32	MWD
OH	6,079.00	0.400	133.100	YNN	6,078.91	17.80	13.08	17.80	0.39	0.00	MWD
OH	6,172.00	0.800	120.800	YNN	6,171.90	17.25	13.87	17.25	0.45	0.43	MWD
OH	6,266.00	0.900	116.300	YNN	6,265.89	16.58	15.10	16.58	0.13	0.11	MWD
OH	6,360.00	0.500	134.600	YNN	6,359.88	15.97	16.05	15.97	0.48	-0.43	MWD
OH	6,452.00	0.900	110.800	YNN	6,451.88	15.43	17.01	15.43	0.53	0.43	MWD
OH	6,546.00	0.800	110.900	YNN	6,545.87	14.93	18.32	14.93	0.11	-0.11	MWD
OH	6,639.00	0.600	111.200	YNN	6,638.86	14.53	19.38	14.53	0.22	-0.22	MWD
OH	6,732.00	0.600	112.700	YNN	6,731.85	14.16	20.28	14.16	0.02	0.00	MWD
OH	6,825.00	0.300	87.000	YNN	6,824.85	13.99	20.97	13.99	0.38	-0.32	MWD
OH	6,917.00	1.100	91.800	YNN	6,916.84	13.97	22.10	13.97	0.87	0.87	MWD
OH	7,010.00	0.900	75.700	YNN	7,009.83	14.12	23.70	14.12	0.37	-0.22	MWD
OH	7,104.00	1.000	74.400	YNN	7,103.82	14.53	25.20	14.53	0.11	0.11	MWD
OH	7,196.00	0.800	93.500	YNN	7,195.81	14.70	26.62	14.70	0.39	-0.22	MWD
OH	7,289.00	1.000	110.600	YNN	7,288.79	14.38	28.02	14.38	0.36	0.22	MWD
OH	7,380.00	0.800	91.100	YNN	7,379.78	14.09	29.40	14.09	0.40	-0.22	MWD
OH	7,474.00	0.800	101.500	YNN	7,473.77	13.94	30.70	13.94	0.15	0.00	MWD
OH	7,568.00	0.600	101.500	YNN	7,567.77	13.71	31.83	13.71	0.21	-0.21	MWD
OH	7,660.00	0.100	71.600	YNN	7,659.77	13.64	32.37	13.64	0.56	-0.54	MWD
OH	7,755.00	0.300	138.700	YNN	7,754.76	13.48	32.62	13.48	0.29	0.21	MWD
OH	7,850.00	0.300	101.500	YNN	7,849.76	13.25	33.02	13.25	0.20	0.00	MWD
OH	7,942.00	0.800	36.400	YNN	7,941.76	13.72	33.64	13.72	0.79	0.54	MWD
OH	8,036.00	1.100	29.000	YNN	8,035.75	15.03	34.47	15.03	0.34	0.32	MWD
OH	8,130.00	1.300	30.700	YNN	8,129.73	16.74	35.45	16.74	0.22	0.21	MWD
OH	8,225.00	1.600	11.400	YNN	8,224.70	18.97	36.26	18.97	0.60	0.32	MWD
OH	8,319.00	1.600	5.700	YNN	8,318.66	21.56	36.65	21.56	0.17	0.00	MWD
OH	8,413.00	1.600	11.000	YNN	8,412.62	24.15	37.03	24.15	0.16	0.00	MWD
OH	8,507.00	1.600	15.300	YNN	8,506.59	26.71	37.63	26.71	0.13	0.00	MWD



## Deviation Summary

Legal Well Name: DYE 2-28A1 Spud Date: 5/8/2010  
 Common Well Name: DYE 2-28A1 Start: 2/17/2010  
 Event Name: DRILLING End: 7/13/2010  
 Contractor Name: PRECISION DRILLING TRUST Rig Release: 7/12/2010  
 Rig Name: PRECISION Rig Number: 426  
 TMD: 14,146.00 (ft) TVD: 14,144.29 (ft) Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.000

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	8,600.00	1.500	23.100	YNN	8,599.55	29.08	38.45	29.08	0.25	-0.11	MWD
OH	8,692.00	1.700	45.100	YNN	8,691.52	31.15	39.89	31.15	0.70	0.22	MWD
OH	8,784.00	1.700	54.800	YNN	8,783.48	32.90	41.97	32.90	0.31	0.00	MWD
OH	8,879.00	1.500	62.200	YNN	8,878.44	34.29	44.22	34.29	0.30	-0.21	MWD
OH	8,973.00	1.600	87.200	YNN	8,972.41	34.93	46.62	34.93	0.72	0.11	MWD
OH	9,068.00	1.300	92.100	YNN	9,067.38	34.95	49.02	34.95	0.34	-0.32	MWD
OH	9,166.00	1.300	109.200	YNN	9,165.35	34.55	51.18	34.55	0.39	0.00	MWD
OH	9,260.00	1.400	121.300	YNN	9,259.33	33.60	53.17	33.60	0.32	0.11	MWD
OH	9,356.00	1.500	146.800	YNN	9,355.30	31.94	54.86	31.94	0.67	0.10	MWD
OH	9,449.00	1.500	149.800	YNN	9,448.26	29.87	56.14	29.87	0.08	0.00	MWD
OH	9,543.00	1.600	143.600	YNN	9,542.23	27.75	57.54	27.75	0.21	0.11	MWD
OH	9,630.00	1.700	137.300	YNN	9,629.19	25.82	59.13	25.82	0.24	0.11	MWD
OH	9,731.00	1.500	127.800	YNN	9,730.15	23.91	61.20	23.91	0.33	-0.20	MWD
OH	9,826.00	1.500	127.000	YNN	9,825.12	22.40	63.17	22.40	0.02	0.00	MWD
OH	9,921.00	1.200	125.700	YNN	9,920.10	21.07	64.97	21.07	0.32	-0.32	MWD
OH	10,160.00	1.300	106.500	YNN	10,159.04	18.84	69.60	18.84	0.18	0.04	MWD
OH	10,255.00	1.600	103.800	YNN	10,254.01	18.22	71.92	18.22	0.32	0.32	MWD
OH	10,351.00	2.000	114.400	YNN	10,349.96	17.21	74.75	17.21	0.54	0.42	MWD
OH	10,446.00	2.200	104.300	YNN	10,444.90	16.07	78.03	16.07	0.44	0.21	MWD
OH	10,541.00	1.800	109.000	YNN	10,539.84	15.14	81.21	15.14	0.45	-0.42	MWD
OH	10,635.00	1.400	134.100	YNN	10,633.80	13.86	83.43	13.86	0.85	-0.43	MWD
OH	10,731.00	1.800	135.300	YNN	10,729.77	11.97	85.33	11.97	0.42	0.42	MWD
OH	10,828.00	1.500	135.600	YNN	10,826.73	9.98	87.29	9.98	0.31	-0.31	MWD
OH	10,923.00	1.400	105.200	YNN	10,921.70	8.79	89.28	8.79	0.81	-0.11	MWD
OH	11,020.00	1.000	142.900	YNN	11,018.68	7.80	90.93	7.80	0.89	-0.41	MWD
OH	11,114.00	0.700	133.600	YNN	11,112.67	6.75	91.84	6.75	0.35	-0.32	MWD
OH	11,305.00	1.100	53.600	YNN	11,303.65	7.04	94.16	7.04	0.63	0.21	MWD
OH	11,401.00	0.900	134.100	YNN	11,399.64	7.06	95.45	7.06	1.36	-0.21	MWD



Deviation Summary

Legal Well Name: DYE 2-28A1  
 Common Well Name: DYE 2-28A1  
 Event Name: DRILLING  
 Contractor Name: PRECISION DRILLING TRUST  
 Rig Name: PRECISION  
 TMD: 14,146.00 (ft)      TVD: 14,144.29 (ft)

Spud Date: 5/8/2010  
 Start: 2/17/2010  
 End: 7/13/2010  
 Rig Release: 7/12/2010  
 Rig Number: 426  
 Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.000

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	11,497.00	0.700	194.600	YNN	11,495.63	5.96	95.84	5.96	0.86	-0.21	MWD
OH	11,593.00	0.600	349.900	YNN	11,591.63	5.89	95.61	5.89	1.32	-0.10	MWD
OH	11,688.00	0.700	249.600	YNN	11,686.62	6.18	94.97	6.18	1.05	0.11	MWD
OH	11,783.00	0.700	184.800	YNN	11,781.62	5.40	94.38	5.40	0.79	0.00	MWD
OH	11,842.00	0.500	220.500	YNN	11,840.62	4.84	94.18	4.84	0.70	-0.34	MWD
OH	11,935.00	0.800	181.600	YNN	11,933.61	3.89	93.90	3.89	0.56	0.32	MWD
OH	12,034.00	0.500	189.500	YNN	12,032.60	2.77	93.81	2.77	0.32	-0.30	MWD
OH	12,126.00	0.500	7.200	YNN	12,124.60	2.77	93.80	2.77	1.09	0.00	MWD
OH	12,222.00	0.300	144.200	YNN	12,220.60	2.98	94.00	2.98	0.78	-0.21	MWD
OH	12,320.00	0.100	127.200	YNN	12,318.60	2.72	94.21	2.72	0.21	-0.20	MWD
OH	12,411.00	0.300	337.800	YNN	12,409.60	2.90	94.19	2.90	0.43	0.22	MWD
OH	12,508.00	0.200	111.900	YNN	12,506.60	3.07	94.25	3.07	0.48	-0.10	MWD
OH	12,605.00	0.300	88.700	YNN	12,603.60	3.01	94.66	3.01	0.14	0.10	MWD
OH	12,700.00	0.000	276.000	YNN	12,698.60	3.02	94.91	3.02	0.32	-0.32	MWD
OH	12,797.00	0.700	90.100	YNN	12,795.60	3.02	95.50	3.02	0.72	0.72	MWD
OH	12,887.00	0.300	70.200	YNN	12,885.59	3.09	96.27	3.09	0.48	-0.44	MWD
OH	12,988.00	0.900	130.200	YNN	12,986.59	2.67	97.13	2.67	0.79	0.59	MWD
OH	13,274.00	1.500	118.200	YNN	13,272.52	-0.55	102.14	-0.55	0.23	0.21	MWD
OH	13,274.00	1.500	118.200	YNN	13,272.52	-0.55	102.14	-0.55	0.00	0.00	MWD
OH	13,422.00	1.200	133.900	YNN	13,420.48	-2.54	104.96	-2.54	0.32	-0.20	MWD
OH	13,467.00	1.500	139.500	YNN	13,465.47	-3.31	105.69	-3.31	0.73	0.67	MWD
OH	13,562.00	1.500	126.100	YNN	13,560.44	-4.99	107.50	-4.99	0.37	0.00	MWD
OH	13,657.00	1.300	116.200	YNN	13,655.41	-6.20	109.47	-6.20	0.33	-0.21	MWD
OH	13,748.00	1.200	132.700	YNN	13,746.39	-7.30	111.10	-7.30	0.41	-0.11	MWD
OH	13,880.00	1.400	129.500	YNN	13,878.35	-9.26	113.36	-9.26	0.16	0.15	MWD
OH	14,146.00	1.200	136.300	YNN	14,144.29	-13.34	117.79	-13.34	0.09	-0.08	MWD

Did not run to TD: 14,200MD, 14,198TVD.

C

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

FORM 6

**ENTITY ACTION FORM**

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

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350066	Dye 2-28A1		SWSW	28	1S	1W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
D	17531	17531	3/8/2010			8/5/10...	
Comments: <i>WSTC only</i> <b>CONFIDENTIAL</b> <i>2/23/11</i>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350193	OWL & HAWK 3-10C5		NWNW	10	3S	5W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
D	17532	17532	2/18/2010			5/8/10	
Comments: <i>WSTC only</i> <b>CONFIDENTIAL</b> <i>2/23/11</i>							

**Well 3**

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

**ACTION CODES:**

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

Marie OKeefe

Name (Please Print)

*Marie OKeefe*

Signature

Sr. Regulatory Analyst

2/18/2011

Title

Date

**RECEIVED**  
FEB 22 2011

**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
--	---

WELL NAME	CA No.	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

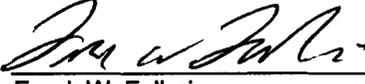
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER 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 Name/Operator</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

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

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

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

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

NAME (PLEASE PRINT) Maria S. Gomez

TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez

DATE 6/22/2012

(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012

Rachel Medina

(See Instructions on Reverse Side)

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

Rachel Medina

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

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

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

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

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

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

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

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>	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: DYE 2-28A1
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013500660000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0729 FSL 1100 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 28 Township: 01.0S Range: 01.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/6/2012	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input checked="" 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="Set Plug"/>

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

Please see attached procedure for details

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

Date: July 12, 2012

By: 

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principle Regulatory Analyst
SIGNATURE N/A	DATE 7/12/2012	

## Dye 2-28A1 Summary Procedure

- POOH w/rods, pump & tubing
- Circulate & Clean wellbore
- RIH with 4-1/2" CBP and set plug at ~11,810'
- Dump 10' cement on top of plug (~11,800')
- Perforate new interval in Wasatch from (~11,769' – 11,505')
- Acidize perforations with 5,000 gals of 15% HCL
- Prop frac perforations with 3000# of 100 mesh sand and ~115,000# of 20/40 Intermediate Strength Ceramic
- RIH with 4-1/2" CBP and set plug at ~11,400'
- Perforate new intervals in the Upper Wasatch from (~11,432' – 11,230')
- Acidize new perforations with 5,000 gals of 15% HCL
- Prop frac perforations with 3000# of 100 mesh sand and ~95,000# of 20/40 Intermediate Strength Ceramic
- Drill out CBP @ ~11,400'
- RIH w/tubing, rods & pump
- Clean location and resume production

<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>  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: DYE 2-28A1
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013500660000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0729 FSL 1100 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 28 Township: 01.0S Range: 01.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/1/2012	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input checked="" 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="Set plug"/>

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

EP plan to recomplete the well in the Wasatch/LGR and acidize. See attached for details.

**Approved by the Utah Division of Oil, Gas and Mining**  
  
**Date:** August 27, 2012  
  
**By:** *D. K. Duff*

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 8/24/2012	

## **Dye 2-28A1 LGR Recom Summary Procedure**

- POOH w/rods, pump & tubing
- Circulate & Clean wellbore
- RIH with 4-1/2" CIBP and set plug at ~11,200' w/10' cement on plug
- Perforate new LGR interval from (~9,556' – 10,170')
- Acidize perforations with 45,000 gals of 15% HCL
- Circulate wellbore clean
- RIH w/tubing, rods & pump
- Clean location and resume production

<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>  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> DYE 2-28A1
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana , Houston, TX, 77002		<b>9. API NUMBER:</b> 43013500660000
<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> 0729 FSL 1100 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 28 Township: 01.0S Range: 01.0W 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"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/29/2012	<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 checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input checked="" 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="Set Plug"/>

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

See attached summary procedure and daily operations summary for details.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
November 05, 2012**

<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> 11/2/2012	

## **Dye 2-28A1 LGR Post Summary Procedure**

### **Operations Completed 09/29/12**

- POOH w/rods, pump & tubing.
- Set CIBP @ 11200' and dumped 10' of cement on top.
- Perforated from 10170' – 9976'. Treated with 15000 gals 15% HCL acid.
- Perforated from 9914' – 9765'. Treated with 15000 gals 15% HCL acid.
- Perforated from 9727' – 9556'. Treated with 15000 gals 15% HCL acid.
- RIH w/tubing, rods & pump.
- Resumed production.

**1 General****1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

**1.2 Well Information**

Well	DYE 2-28A1		
Project	ALTAMONT FIELD	Site	DYE 2-28A1
Rig Name/No.		Event	RECOMPLETE LAND
Start Date	9/17/2012	End Date	
Spud Date	5/8/2010	UWI	028-001-S 001-W 30
Active Datum	GROUND LEVEL @5,257.0ft (above Mean Sea Level)		
Afe No./Description	159736/46847 / DYE 2-28A1		

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

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
9/20/2012	6:00 7:30	1.50	MIRU	28		P		CT HTGSM WRITE & REVIEW JSA'S (ROADING EQUIP)
	7:30 11:00	3.50	MIRU	01		P		ROAD RIG FROM 3-5B3 TO THE 2-28A1 SLIDE BACK P.U. SPOT IN RIG & R.U.
	11:00 17:00	6.00	PRDHEQ	39		P		PUMP 60 BBLS 2% DWN CSG @ 250 DEG LD POLISH ROD WORK PUMP OFF SEAT FLUSH RODS W/ 60 BBLS POOH W/ 66-1", 119-7/8", 195-3/4" RODS & LD 10, 1-1/2" WT BARS & 2-1/2" X 1-1/2" X 38' RHBC ROD PUMP FLUSHING RODS AS NEEDED
	17:00 19:00	2.00	PRDHEQ	16		P		X OVER TO TBG EQUIP NDWH NUBOP RU WORK FLOOR & TBG TONGS RELEASE 7" TAC @ 9630' SECURE WELL SDFN
9/21/2012	6:00 7:30	1.50	PRDHEQ	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING TUBING. FILED OUT JSA
	7:30 12:00	4.50	PRDHEQ	39		P		TOOH W/ 303 JTS 2 7/8 L-80 EUE TBG, 7" TAC, 4-JTS 2 7/8 L-80 EUE TBG AND LD BHA. FUSHING TBG AS NEEDED W/ 45 BBLS.
	12:00 16:00	4.00	WLWORK	27		P		RU WIRELINE. RIH SET CIBP @ 11200 DUMPED BAILED 10' CEM ON CIBP, RD WIRELINE,
	16:00 17:00	1.00	WBP	18		P		FILED CSG W/193 BBLS. FLUID LEVEL @ 5202'. PRESSURE TEST CSG @ 4000 PSI HELD, SECURED WELL SDFN.
9/22/2012	6:00 7:30	1.50	WLWORK	28		P		CT HOLD SASETY MTG ON PU PERF GUNS & PERFORATING
	7:30 10:00	2.50	WLWORK	21		P		0 PSI ON WELL RU WL BOP PU PERF GUN TEST LUBRICATOR TO 4000 PSI GOOD TEST PERF STG #1 IN 2 RUNS FROM 10170' TO 9976' USING 3-1/8" 22.7 GRAM CHARGES 3 JSFP 120 DEG PHASING GUNS
	10:00 15:00	5.00	MIRU	01		P		MOVE IN RU STINGER & PLATINUM, WAIT ON ACID TRUCK
	15:00 18:00	3.00	STG01	35		P		UNLOAD & MIX ACID TEST PUMP LINES TO 9000 PSI OPEN WELL 1347 PSI BREAK DWN @ 11 BBLS @ 5400 PSI ISIP 4750 PUMP 7500 GAL 15% HCL ACID DROP 100 BIO BALLS PUMP 7500 GAL 15% ACID FLUSH W/ 382 BBLS 2% KCL 10 BBLS PAST BTM PERF ISDP 4350 PSI, 5 MIN 4057 PSI, 10 MIN 4027 PSI, 15 MIN 4005 PSI SWI. MAX PSI 5720, AVG PSI 5280, MAX RATE 45 BBLS MIN, AVG RATE 40 BBLS MIN (PUMPS WOULD'NT KEEP PRIME OVER 45 BBLS MIN)

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	18:00 23:50	5.83	WLWORK	21		P		RD STINGER RU WL RIH SET 7" CBP @ 9917' TEST PLUG TO 4000 PSI GOOD BLEED PSI DWN TO 1000 PSI PERFORATE STAGE #2 IN 2 RUNS FROM 9914' TO 9765' W/ 3-1/8 GUNS, 3 JSPF, 22.7 GRAM CHARGES, 120 DEG PHASING ENDING PSI 1200 HANG BACK LUBRICATOR SECURE WELL SDFN
9/23/2012	6:00 7:30	1.50	STG02	28		P		CT HTGSM WRITE & REVIEW JSA'S ( RU STINGER & ACIDIZING)
	7:30 10:00	2.50	STG02	35		P		RU STINGER & PLATINUM PUMP LINES TEST LINES TO 9000 PSI OPEN WELL 3640 PSI BREAK DWN @ 4600 PSI W/ 9.5 BBLS 2% KCL ISIP 4200 ACIDIZE PERFS FROM 9765' TO 9914' W/ 7500 GAL 15% HCL ACID DROP 100 BIO BALLS 7500 GAL 15% HCL ACID FLUSH W/ 378.2 BBLS 2% KCL 10 BBLS PAST BTM PERF ISIP 4370 PSI, 5 MIN 4181 PSI, 10 MIN 4148 PSI, 15 MIN 4130 PSI, SIW RD PUMP LINES & STINGER
	10:00 14:00	4.00	WLWORK	21		P		RU WL PU & RIH W/ 7" CBP & PERF GUNS RIH SET CBP @ 9750' PERF STG #3 IN 2 RUNS STARTING PSI 4000 FROM 9727' TO 9556' ENDING PSI 4000 W/ 3-1/8" GUNS 3 JSPF, 22.7 GRAM CHARGES & 120 DEG PHASING RD WL TURN WELL OVER TO ACID CREW
	14:00 17:00	3.00	STG03	35		P		RU STINGER & PLATINUM PUMP LINES TEST LINES TO 9000 PSI OPEN WELL 3881 PSI BREAK DWN @ 4547 PSI W/ 14.6 BBLS 2% KCL ISIP 4120 ACIDIZE PERFS FROM 9556' TO 9727' W/ 7500 GAL 15% HCL ACID DROP 100 BIO BALLS 7500 GAL 15% HCL ACID FLUSH W/ 371.3 BBLS 2% KCL 10 BBLS PAST BTM PERF ISIP 4420 PSI, 5 MIN 4112 PSI, 10 MIN 3886 PSI, 15 MIN 3511 PSI, SIW RD PUMP LINES, STINGER & WL
	17:00 6:00	13.00	FB	19		P		OPEN WELL ON 14/64 CHOKE 3000 PSI TURN WELL OVER TO FLOW TESTERS
9/24/2012	6:00 6:00	24.00	FB	19		P		WELL FLOWED 135 BBLS WATER & LITTLE OIL
9/25/2012	6:00 7:30	1.50	FB	28		P		CREW TRAVEL HELD SAFETY MEETING ON WELL CONTROL FILLED OUT JSA
	7:30 11:00	3.50	FB	19		P		OPENED WELL ON 2" VALVE TO FLOW BACK TANK. FLOWING OIL. PUMPED 50 BBLS @ 2000 PSI @ 3/4 BPM. SHUT IN WELL FLOWED BACK 50 BBLS WATER AND 30 BBLS OIL. WHILE WAITING ON WIRELINE.
	11:00 15:30	4.50	WLWORK	26		P		RU WIRELINE COULDN'T GET LUBRICATOR TO TEST, WAIT ON NEW JT. TESTED LUBRICATOR RIH SET 7"CBP @ 9500' PSI. RD WIRELINE.
	15:30 16:00	0.50	FB	19		P		bled down well.
	16:00 18:30	2.50	PRDHEQ	39		P		TALLIED AND RIH W/ 6 1/8 BIT, BIT SUB, 2-JTS 2 7/8 L-80, SN AND 106-JTS 2 7/8 L-80 EUE TBG. EOT @ 3178 SECURED WELL SDFN.
9/26/2012	6:00 7:30	1.50	PRDHEQ	28		P		CREW TRAVEL HELD SAFETY MEETING ON INSPECTING EQUIPMENT. FILLED OUT JSA.
	7:30 10:30	3.00	PRDHEQ	39		P		CONTINUE TO TALLY AND RIH W/ 191-JTS 2 7/8 L-80 EUE TBG (TTL 299 JTS) TAGGED CBP @9500' RU POWER SWIVEL.
	10:30 18:00	7.50	WBP	10		P		PUMPED 5 BBLS BROKE CIRCULATION. DRILLED UP CBPs @ 9500' (9491' TBG TALLY), 9750' (9739 TBG TALLY) AND 9917' (9907' TBG TALLY) PUSHED CBP TO LINER TOP @ 9921'. CIRCULATE TBG CLEAN. RACKED OUT POWER SWIVEL.
	18:00 19:00	1.00	PRDHEQ	39		P		TOOH W/ 16-JTS 2 7/8 EUE TBG EOT @ 9425'. SECURED WELL SDFN.
9/27/2012	6:00 7:30	1.50	PRDHEQ	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING TBG FILLED OUT JSA
	7:30 8:30	1.00	PRDHEQ	39		P		100 TSIP 600CSIP.BLED DOWN TBG. CSG STIL FLOWING A LITTLE. TOOH W/ 108- JTS 2 7/8 L-80 EUE TBG, EOT @ 6008
	8:30 9:30	1.00	PRDHEQ	06		P		PUMPED 4000' BALANCED PLUG OF 10# BRINE.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	9:30 11:30	2.00	PRDHEQ	39		P		TOOH W/ 186-JTS 2 7/8 L80 EUE TBG, SN 2-JTS 2 7/8 L-80 EUE TBG, BIT SUB AND BIT.
	11:30 17:00	5.50	PRDHEQ	39		P		RIH W/ 3 5/8 BIT, BIT SUB, 43-JTS 2 3/8 N-80 EUE TBG, X-OVER AND 254-JTS 2 7/8 L-80 EUE TBG. EOT @ 9471' SECURED WELL SDFN
9/28/2012	6:00 7:30	1.50	WBP	28				CREW TRAVEL HELD SAFETY ON POWER SWIVEL FILLED OUT JSA.
	7:30 11:00	3.50	WBP	10		P		RIH TAGGED REMAINS OF 7" PLUG ON LINER TOP @ 9913' RU POWER SWIVEL DRILLED REST OF PLUG, PUSHED REMAINS TO 10417'. RACKED OUT POWER SWIVEL.
	11:00 12:00	1.00	PRDHEQ	39		P		TOOH W/ 108-JTS 2 7/8. EOT @ 6997'.
	12:00 14:00	2.00	PRDHEQ	06		P		CIRCULATE WELL W/ 300 BBLs 10# BRINE
	14:00 19:00	5.00	PRDHEQ	39		P		TOOH W/ 168 JTS 2 7/8, X-OVER LD 43 JTS 2 7/8 N-80, BIT SUB AND BIT. RIH W/ 5 3/4 NO-GO, 2-JTS 2 7/8 L-80 EUE TBG, 4 1/2 PBGA SHELL, 2' 2 7/8 TBG SUB, SN, 6' 2 7/8 TBG SUB, 4-JTS 2 7/8 L-80 EUE TBG, 7" TAC AND 188-JTS 2 7/8 L-80 EUE TBG, EOT @ 6203'. SECURED WELL SDFN.
9/29/2012	6:00 7:30	1.50	PRDHEQ	28		P		CREW TRAVEL HED SAFETY MEETING ON TRIPPING TUBING FILED OUT JSA.
	7:30 10:30	3.00	PRDHEQ	39		P		CONTINUED RIH W/ 109-JTS 2-7/8 L-80EUE TBG, SET TAC @9473'. SN @ 9504'. .
	10:30 12:30	2.00	PRDHEQ	16		P		ND BOP NU WELHEAD. CHANGED OVER TO RUN RODS.
	12:30 13:30	1.00	PRDHEQ	06		P		FLUSHED TBG W/ 65 BBLs BRINE.
	13:30 17:00	3.50	PRDHEQ	39		P		PU AND PRIMED 2 1/2"X1 3/4"X36' PUMP, RIH W/ PUMP, 10 1 1/2" WEIGHT BARS, 151-3/4", 116-7/8, 101-1"SPACED OUT RODS W/ 1-8,1-6', 1-2' X 1" SUBS PU POLISH ROD.FILED TBG W/ 1 BBL PRES AND STROKED TEST @ 1000 PSI HELD.
	17:00 19:00	2.00	RDMO	02		P		RD RIG SLID, ROTA-FLEX ,POP.

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

FORM 6

**ENTITY ACTION FORM**

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

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350066	Dye 2-28A1		SWSW	28	1S	1W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	17531	17531	3/8/2010			9/29/2012	
Comments: <u>GR-WS</u> <span style="float: right;">11/28/2012</span>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350088	Hanson 4-8B3		SESE	8	2S	3W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	17571	17571	3/24/2010			10/23/2012	
Comments: <u>GR-WS</u> <span style="float: right;">11/28/2012</span>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350200	Taylor 3-34C6		NWNW	34	3S	6W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	17572	17572	3/23/2010			8/25/2012	
Comments: <u>GR-WS</u> <span style="float: right;">11/28/2012</span>							

**ACTION CODES:**

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

**RECEIVED**  
**NOV 28 2012**

Maria S. Gomez

Name (Please Print)

*Maria S. Gomez*

Signature

Principle Regulatory Analyst

11/21/2012

Title

Date