

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

FORM 3

AMENDED REPORT **APPLICATION FOR PERMIT TO DRILL**

2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				1. WELL NAME and NUMBER Meeks 3-32A4		
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO				3. FIELD OR WILDCAT ALTAMONT		
6. NAME OF OPERATOR EL PASO E&P COMPANY, LP				5. UNIT or COMMUNITIZATION AGREEMENT NAME		
8. ADDRESS OF OPERATOR 1099 18th ST, STE 1900 , Denver, CO, 80202				7. OPERATOR PHONE 303 291-6417		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE		11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		9. OPERATOR E-MAIL marie.okeefe@elpaso.com		
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Robert E and Kathy Meeks				12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') Star Route, Box 6, Mountain Home, UT 84501				14. SURFACE OWNER PHONE (if box 12 = 'fee') 435.454.3101		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP
LOCATION AT SURFACE		721 FNL 817 FWL		NWNW	32	1.0 S
Top of Uppermost Producing Zone		721 FNL 817 FWL		NWNW	32	1.0 S
At Total Depth		721 FNL 817 FWL		NWNW	32	1.0 S
21. COUNTY DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 721		23. NUMBER OF ACRES IN DRILLING UNIT 640		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 3200		26. PROPOSED DEPTH MD: 15200 TVD: 15200		
27. ELEVATION - GROUND LEVEL 6664		28. BOND NUMBER		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8335 & Upper Country Culinary Water Altamont		

ATTACHMENTS

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

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

NAME Marie Okeefe	TITLE Sr Regulatory Analyst	PHONE 303 291-6417
SIGNATURE	DATE 10/01/2009	EMAIL marie.okeefe@elpaso.com
API NUMBER ASSIGNED 43013500690000	APPROVAL  Permit Manager	

Proposed Hole, Casing, and Cement

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

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Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
I1	8.75	7	0	11840		
Pipe	Grade	Length	Weight			
	Grade P-110 LT&C	11840	26.0			

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Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	6.125	4.5	11640	15200		
Pipe	Grade	Length	Weight			
	Grade P-110 LT&C	3560	13.5			

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Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	7715		
Pipe	Grade	Length	Weight			
	Grade N-80 LT&C	7715	40.0			

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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 .06 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:

- Water well @ 2-7B4 Water Rights #43-8335. And Upper Country Culinary Water – Altamont.

5. Existing/Proposed Facilities For Productive Well:

- There are no existing facilities that will be utilized for this well.
- A pipeline corridor .06 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
- Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

6. Construction Materials:

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

7. Methods For Handling Waste Disposal:

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

8. Ancillary Facilities:

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

9. **Surface Reclamation Plans:**

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

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

10. **Surface Ownership:**

Included is the Surface Affidavit of Facts with:

Robert E Meeks and Kathy Meeks
Star Route
Box 6
Mountain Home, UT 84051
435.454.3101 H
435.823.5314 C

11. **Other Information:**

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

• **Operator and Contact Persons:**

Construction and Reclamation:

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

Regarding This APD

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

Drilling

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

Utah Division of Water Rights



Select Related Information

(WARNING: Water Rights makes NO claims as to the accuracy of this d

WATER RIGHT: 43-8335 APPLICATION/CLAIM NO.: A52133 CERT. NO.: 11790

OWNERSHIP*****

NAME: Shell Oil Company
ADDR: Box 831
Houston TX 77001

INTEREST: 100% REMARKS:

DATES, ETC.*****

LAND OWNED BY APPLICANT? COUNTY TAX ID#:
FILED: 09/22/1978 PRIORITY: 09/22/1978 PUB BEGAN: PUB ENDED: NEWSPAPER:
ProtestEnd: PROTESTED: [No] HEARNG HLD: SE ACTION: [Approved] ActionDate
EXTENSION: ELEC/PROOF: [] ELEC/PROOF: CERT/WUC: 09/23/1982 LAP, ETC:
RUSH LETTR: RENOVATE: 05/21/2009 RECON REQ: TYPE: []
PD BOOK: [43-] MAP: [] PUB DATE:
Type of Right: Application to Appropriate Source of Info: Certificate Status

LOCATION OF WATER RIGHT*** (Points of Diversion: Click on Location to access PLAT Program.)*****

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

POINT OF DIVERSION -- UNDERGROUND: (Click Well ID# link for more well data.)

(1) N 1452 ft E 1663 ft from NW cor, Sec 07, T 2S, R 4W, USBM

DIAMETER OF WELL: 6 ins. DEPTH: 580 to ft. YEAR DRILLED: WELL LOG? No WELL ID#: 4327
Comment:

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

SUPPLEMENTAL GROUP NO. 218858.

INDUSTRIAL: Water is used in drilling & production of oil in the Altamont Oil Field
Acre Feet Contributed by this Right for this Use: 10.8597

###PLACE OF USE: *-----NORTH WEST QUARTER-----*-----NORTH EAST QUARTER-----*-----
* NW NE SW SE * NW NE SW SE * NW
Sec 07 T 2S R 4W USBM * * * * *

OTHER COMMENTS*****

Original Certificate was voided because of error in corner in point of
diversion. Amended Certificate was issued September 23, 1982.

END OF DATA

**MEEKS 3-32A4
NW NW Sec. 32, T1S, R4W
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	7,815
Mahogany Bench	8,840'
L. Green River	10,345'
Wasatch	11,740'
TD	15,200'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	7,815'
	Mahogany Bench	8,840'
Oil	L. Green River	10,345'
Oil	Wasatch	11,740'

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 7,715' on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 7,715 to 11,840'. An 11.0", 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 11,840' to 15,200'.

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 – 6,500' 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 – 11.0
Production	WBM	9.0 – 13.5

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 15,200' TD equals approximately 11,055 psi (calculated at 0.7273 psi/foot).

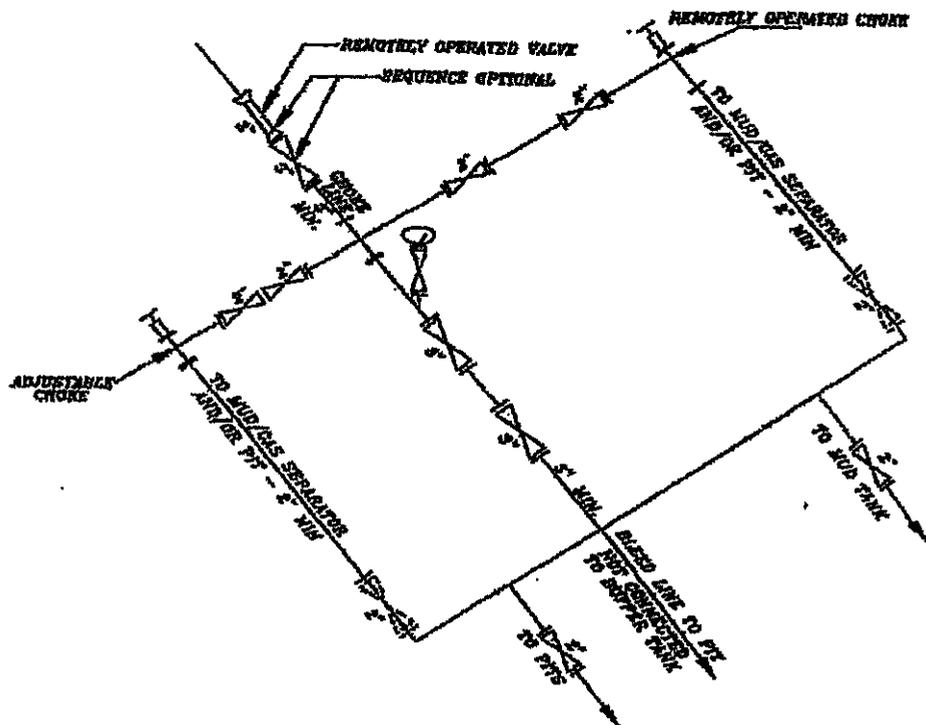
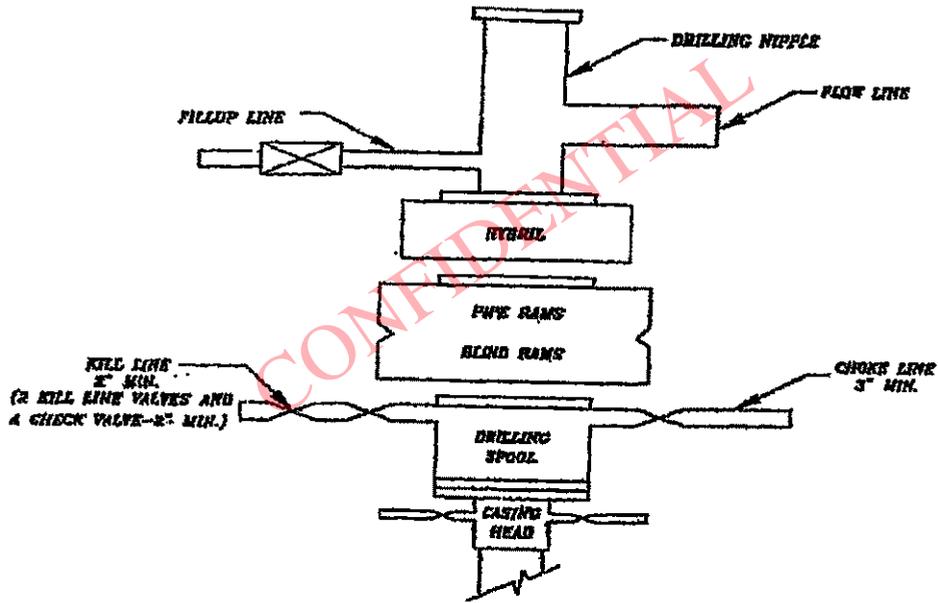
Maximum anticipated surface pressure equals approximately 7,711 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 11,840' = 6,867 psi

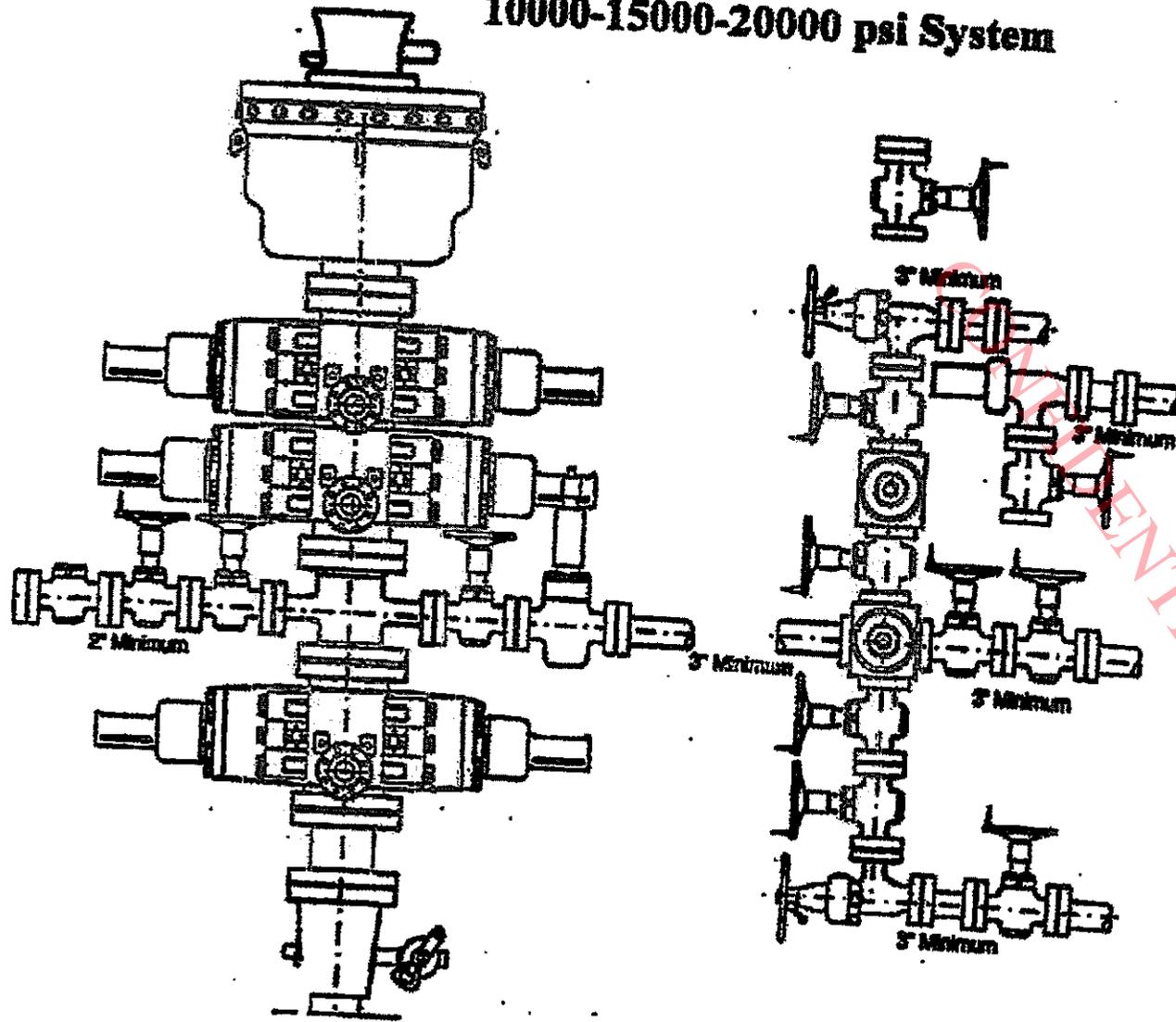
BOPE and casing design is based on the lesser of the two MASPs which is frac at shoe 6,867 psi

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

5M BOP STACK and CHOKE MANIFOLD SYSTEM



10000-15000-20000 psi System

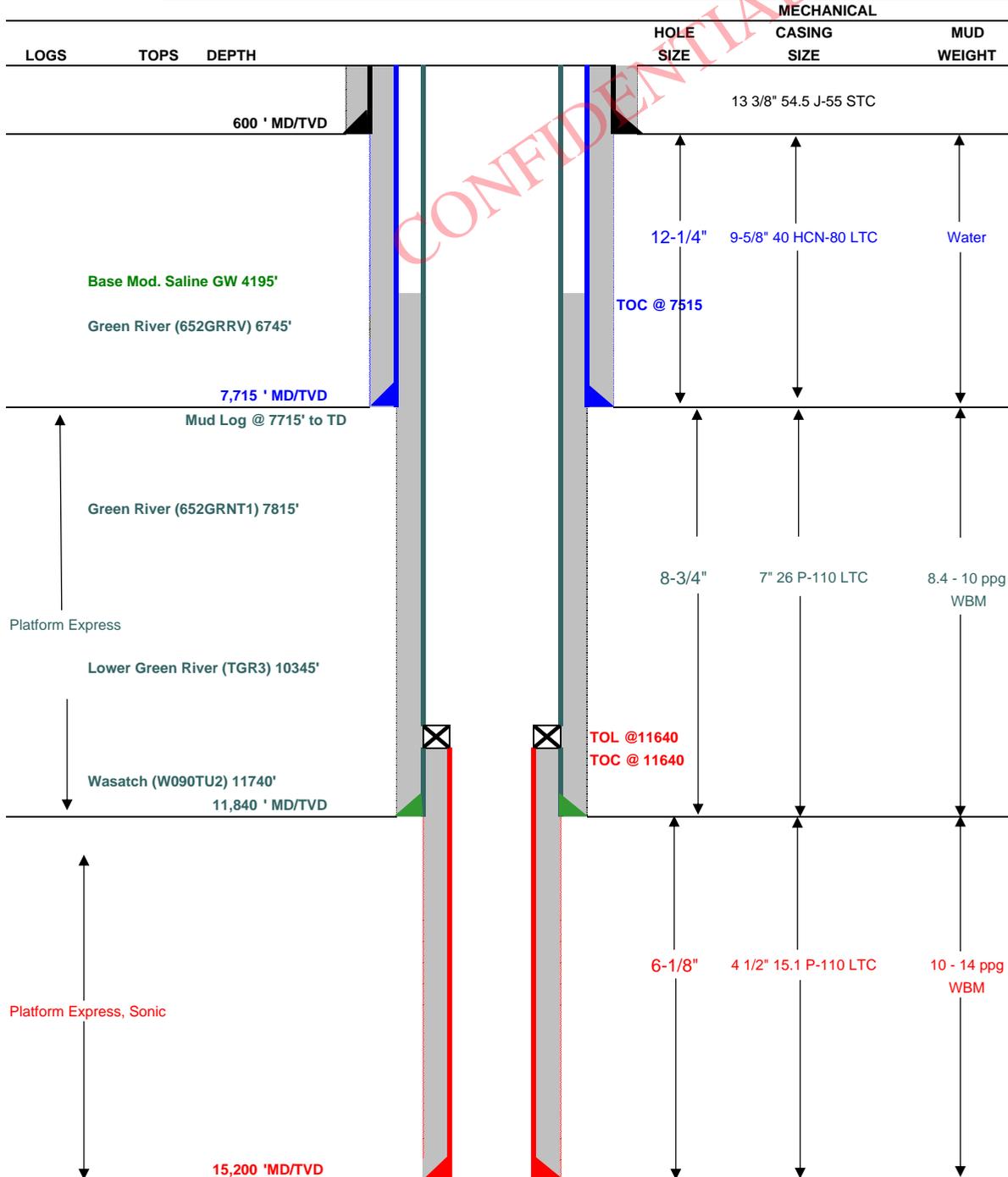


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Drilling Schematic

Company Name: El Paso Exploration & Production	Date: August 7, 2009
Well Name: 3-32A4 MEEKS	TD: 15,200
Field, County, State: Altamont - Bluebell, Duchesne, Utah	AFE #:
Surface Location: Sec 32 T1S R4W 721' FNL 817' FWL	BHL: Straight Hole
Objective Zone(s): Green River, Wasatch	Elevation: 6695
Rig: Precision drilling 426	Spud (est.):
BOPE Info: 5.0 x 13 3/8 rotating head from 600 to 7715 11 5M BOP stack and 5M kill lines and choke manifold used from 7715 to 11840 & 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 11840 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' - 7715	40.00	HCN-80	LTC	5,750 0.93	4,230 1.17	737 2.00
INTERMEDIATE	7"	0' - 11840	26.00	P-110	LTC	9,950 1.05	6,230 1.01	639 1.77
PRODUCTION LINER	4 1/2"	11640' - 15200	15.10	P-110	LTC	14,420 5.90	14,350 1.30	406 2.85

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		600	Class G + 3% CaCl ₂	400	10%	15.6 ppg	1.15
SURFACE	Lead	7,215	Premium Lite II Plus, 2% CaCl ₂ 0.3% FL5 0.5% Sodium Metasilicate	1420	100%	11.0 ppg	3.2
	Tail	500	Class G 50:50 poz, 2% CaCl ₂ , 2% gel 0.3% sodium metasilicate	260	100%	14.1 ppg	1.25
INTERMEDIATE	Lead	3,825	CemCRETE Blend 5.9/44.1 (D961/D124) + 0.2 %bwob D65 + 0.2 %bwob D46 + 0.4 %bwob D13 + 0.2 %bwob D167	240	35%	11.5 ppg	3.30
	Tail	500	10:0 RFC (Class G)	50	35%	12.5 ppg	2.30
PRODUCTION LINER		3,560	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	230	25%	14.5 ppg	1.86

FLOAT EQUIPMENT & CENTRALIZERS

CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M, P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. Install 2 bow spring centralizers every 3rd joint.
LINER	Float shoe, 1 joint, float collar. Rigid centralizer every other joint. Thread lock all FE

PROJECT ENGINEER(S): Travis Lauer

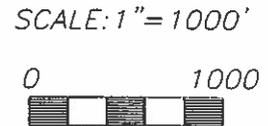
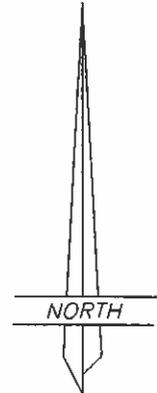
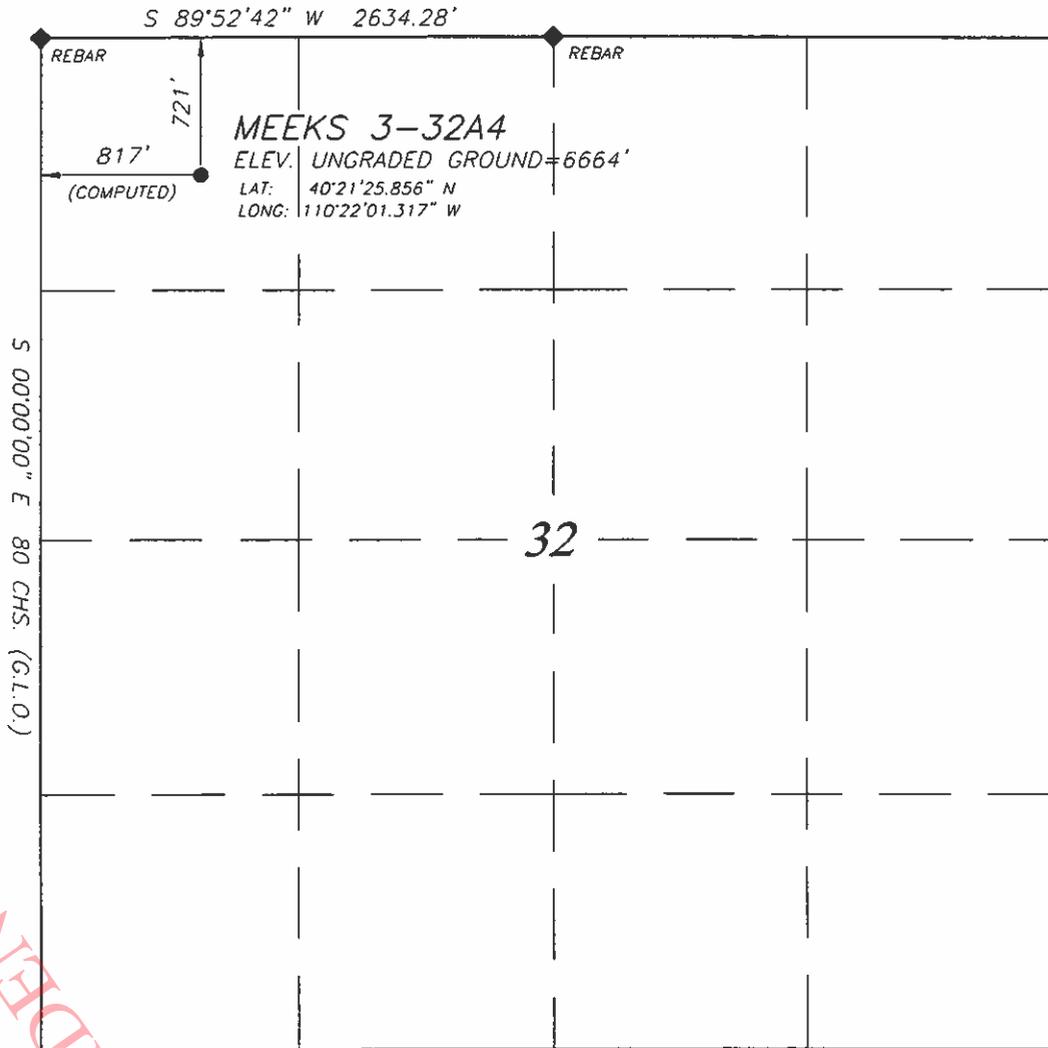
MANAGER: Eric Giles

EL PASO E & P COMPANY, L.P.

WELL LOCATION

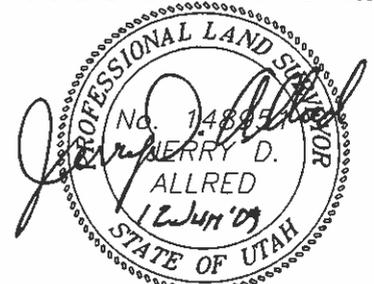
MEEKS 3-32A4

LOCATED IN THE NW¼ OF THE NW¼ OF SECTION 32, T1S, R4W, U.S.B.&M. DUCHESNE COUNTY, UTAH



SURVEYOR'S CERTIFICATE

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



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

LEGEND AND NOTES

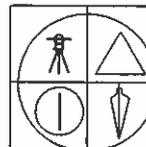
◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY

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

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE SECTION CORNER LOCATED AT LAT. 40°21'32.965"N AND LONG. 110°22'11.868"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

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



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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

12 JUN 2009 01-128-093

APIWellNo:43013500690000

CONFIDENTIAL

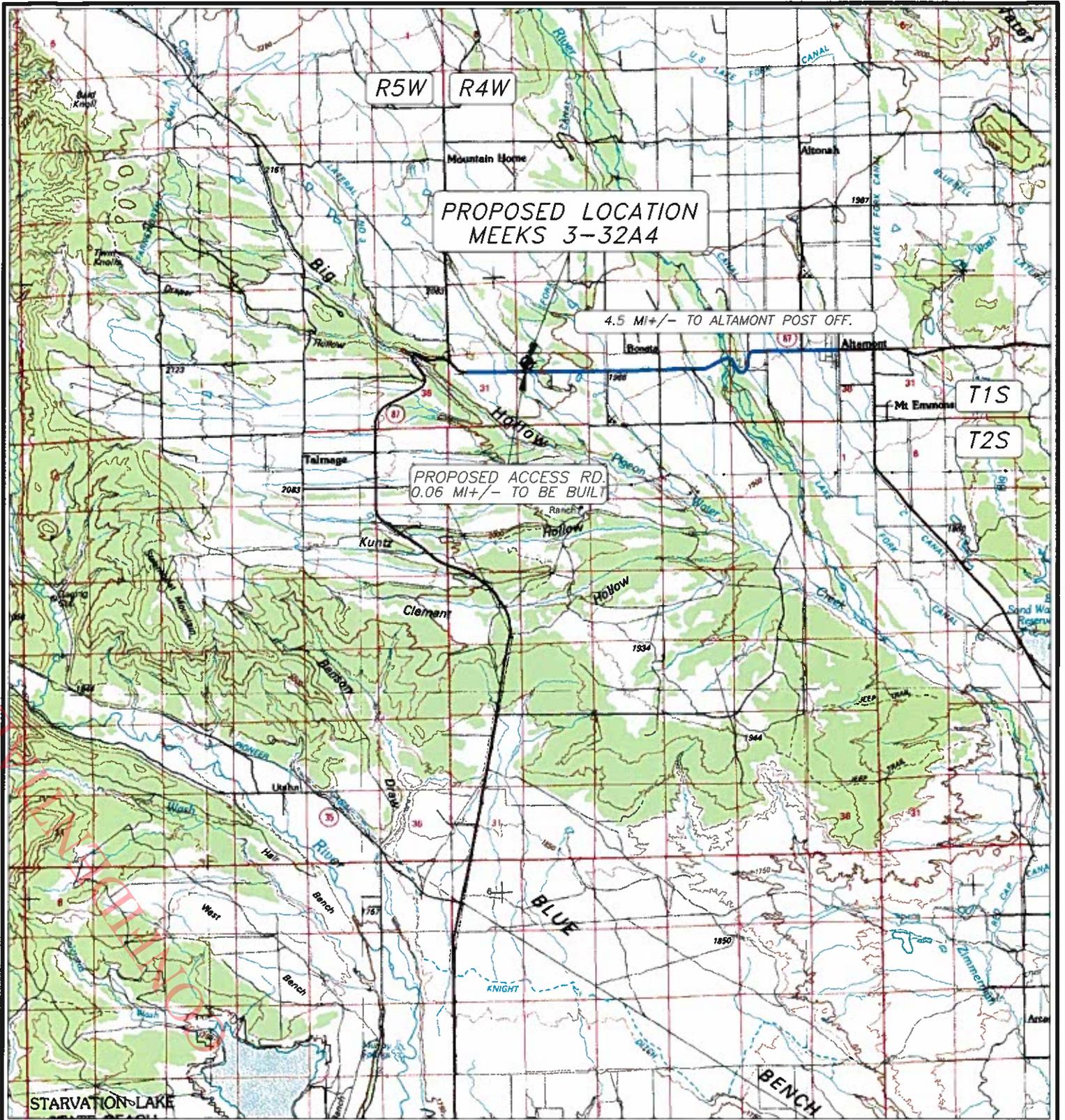
EL PASO E&P COMPANY, L.P.
MEEKS 3-32A4
SECTION 32, T1S, R4W, U.S.B.&M.
DUCHESNE COUNTY, UTAH

FROM THE POST OFFICE INTERSECTION IN ALTAMONT, UTAH,
PROCEED WESTERLY 4.5 MILES ON PAVED STATE HIGHWAY 87 TO
THE BEGINNING OF THE ACCESS ROAD;

TURN RIGHT AND FOLLOW FLAGS NORTHERLY 0.06 MILES TO THE
PROPOSED LOCATION;

TOTAL DISTANCE FROM THE POST OFFICE INTERSECTION IN
ALTAMONT, UTAH IS APPROXIMATELY 4.56 MILES.

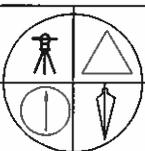
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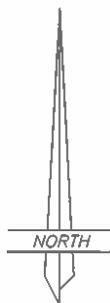
◆ PROPOSED WELL LOCATION

01-128-093



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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



EL PASO E & P COMPANY, L.P.

MEEKS 3-32A4

SECTION 32, T1S, R4W, U.S.B.&M.

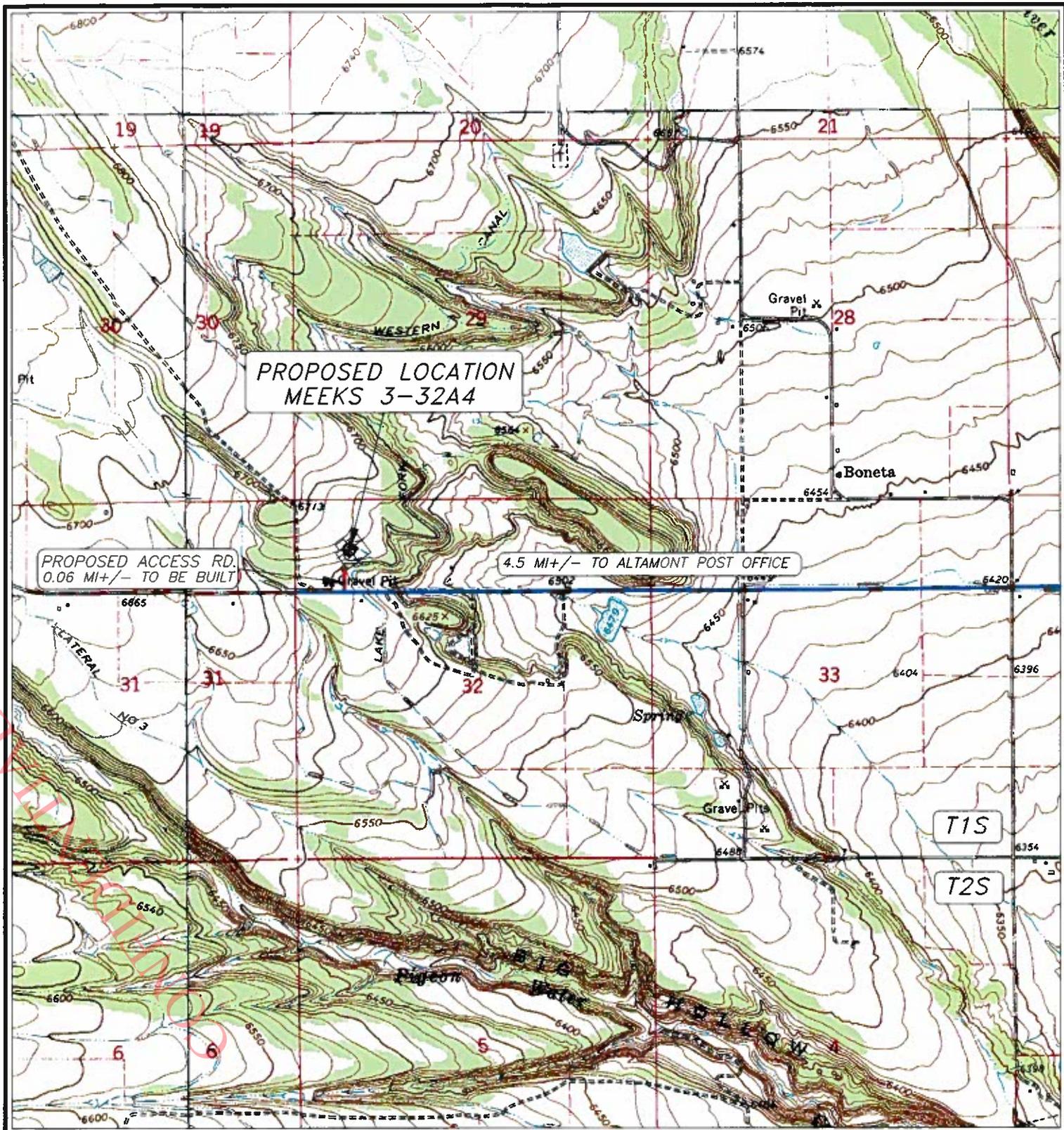
721' FNL 817' FWL

TOPOGRAPHIC MAP "A"

SCALE; 1"=10,000'

11 JUN 2009

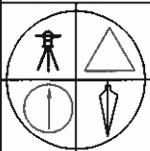
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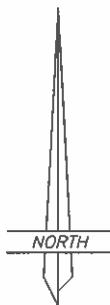
-  PROPOSED WELL LOCATION
-  PROPOSED ACCESS ROAD
-  EXISTING GRAVEL ROAD
-  EXISTING PAVED ROAD

01-128-093



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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



EL PASO E & P COMPANY, L.P.

MEEKS 3-32A4

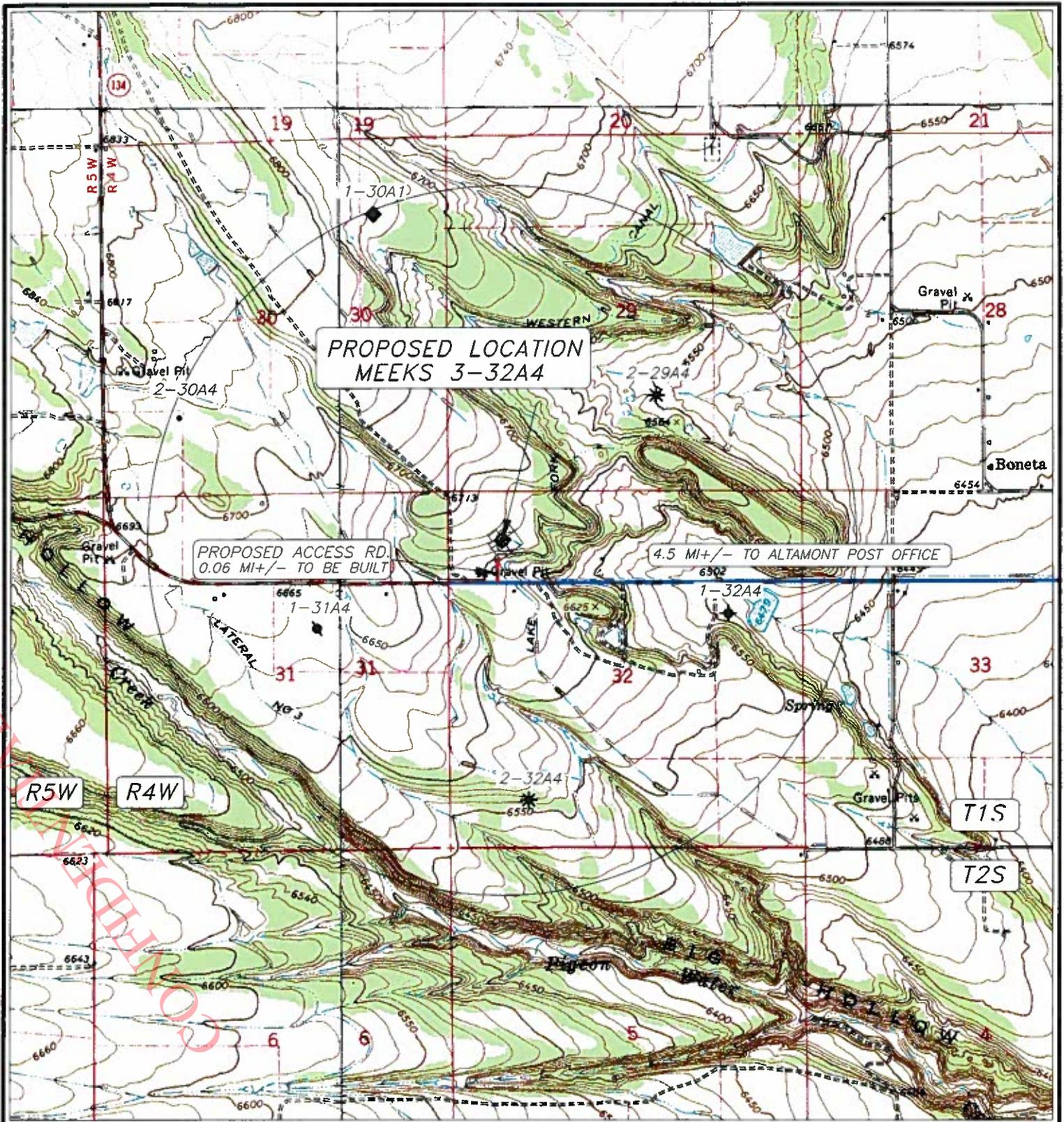
SECTION 32, T1S, R4W, U.S.B.&M.

721' FNL 817' FWL

TOPOGRAPHIC MAP "B"

SCALE; 1"=2000'

12 JUNE 2009



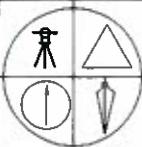
LEGEND:

◆ PROPOSED WELL LOCATION

2-25C6

OTHER WELLS AS LOCATED FROM SUPPLIED MAP

01-128-093



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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



EL PASO E & P COMPANY, L.P.

MEEKS 3-32A4

SECTION 32, T1S, R4W, U.S.B.&M.

721' FNL 817' FWL

TOPOGRAPHIC MAP "C"

SCALE: 1"=2000'
12 JUN 2009

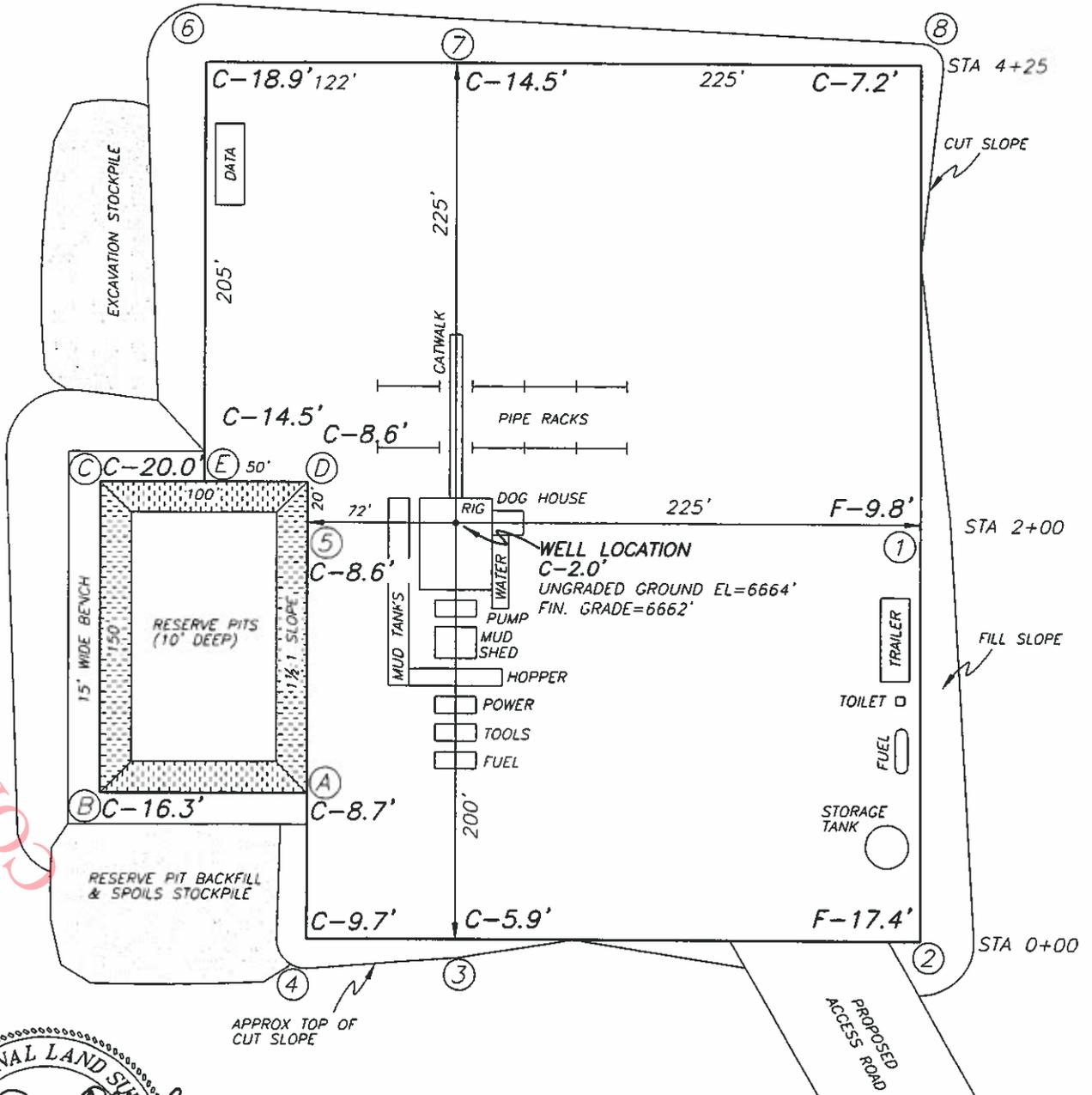
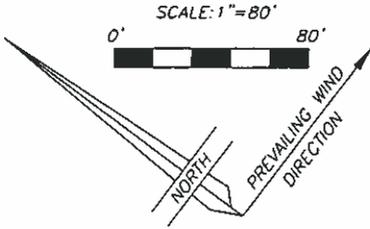
APIWellNo:43013500690000

EL PASO E & P COMPANY, L.P.

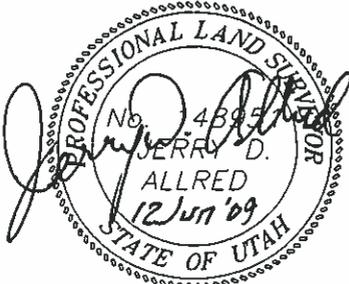
LOCATION LAYOUT FOR
MEEKS 3-32A4

SECTION 32, T1S, R4W, U.S.B.&M.
721' FNL, 817' FWL

FIGURE #1



CONFIDENTIAL



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

APIWellNo:43013500690000'

EL PASO E & P COMPANY, L.P.

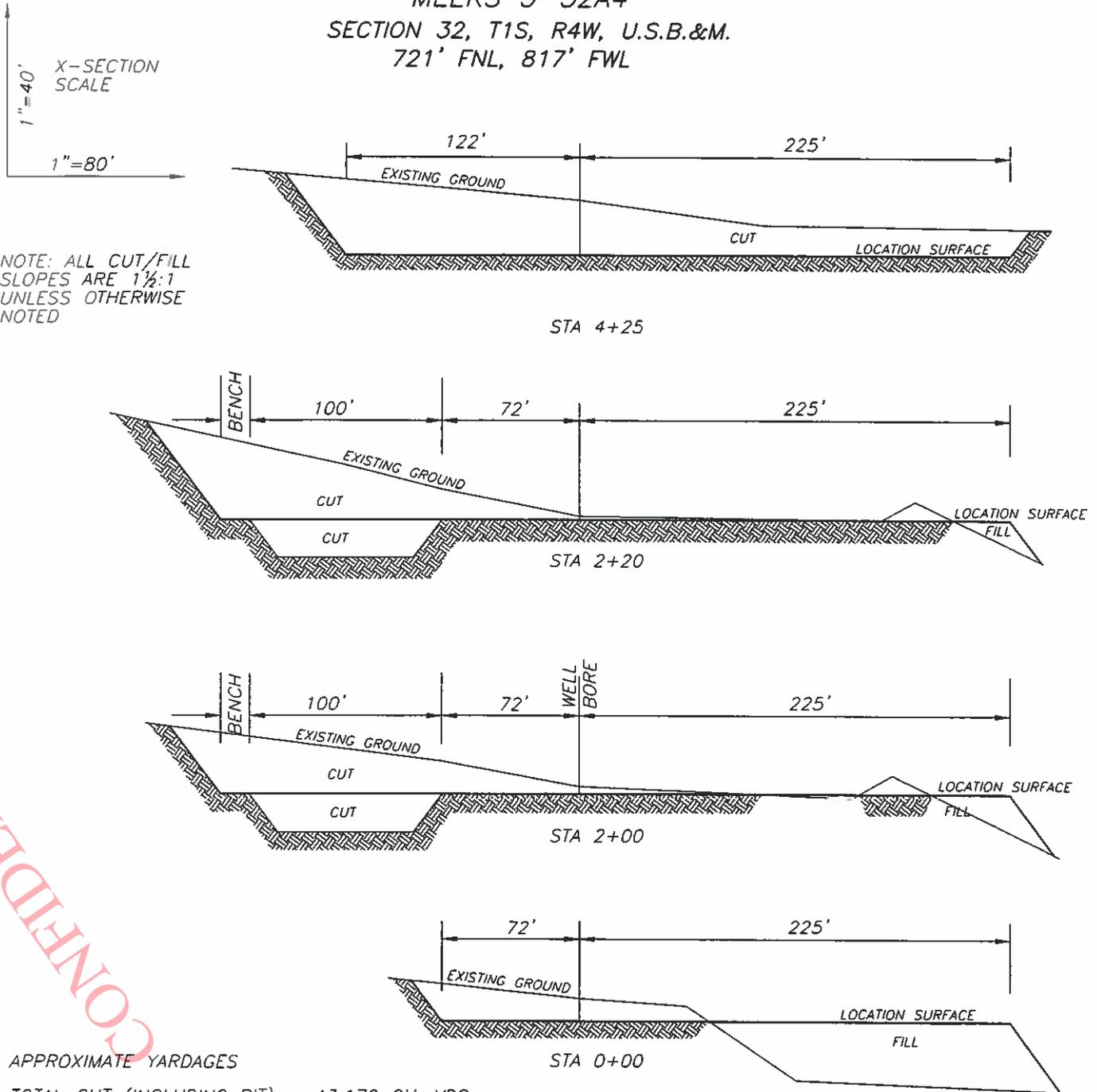
LOCATION LAYOUT FOR

MEEKS 3-32A4

SECTION 32, T1S, R4W, U.S.B.&M.

721' FNL, 817' FWL

FIGURE #2



APPROXIMATE YARDAGES

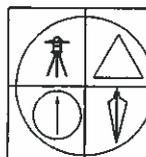
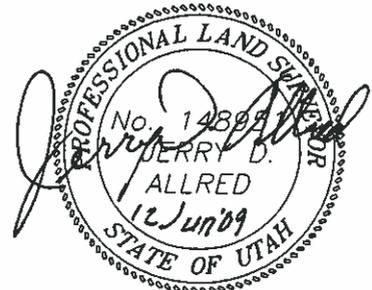
TOTAL CUT (INCLUDING PIT) = 43,170 CU. YDS.

PIT CUT = 4250 CU. YDS.

TOPSOIL STRIPPING: (6") = 0 CU. YDS.

REMAINING LOCATION CUT = 38,920 CU. YDS

TOTAL FILL = 14,402 CU. YDS.



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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

12 JUN 2009 01-128-093

APIWellNo:43013500690000'

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LOCATION USE AREA AND
ACCESS ROAD, POWERLINE, AND PIPELINE
CORRIDOR RIGHT-OF-WAY SURVEY FOR
ELPASO E&P COMPANY, L.P.
MEEKS 3-32A4
NW¼NW¼ OF SECTION 32, T1S, R4W, U.S.B.&M.
DUCHESNE COUNTY, UTAH

USE AREA DESCRIPTION

Commencing at the Northwest Corner of Section 32, Township 1 South, Range 4 West of the Uintah Special Base and Meridian;
Thence South 36°38'49" East 844.12 feet to the TRUE POINT OF BEGINNING;
Thence North 53°05'06" East 475.00 feet;
Thence South 36°54'54" East 472.00 feet;
Thence South 53°05'06" West 475.00 feet;
Thence North 36°54'54" West 472.00 feet to the TRUE POINT OF BEGINNING, containing 5.15 acres.

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

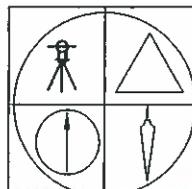
A 66 feet wide access road, pipeline and power line right-of way over portions of Section 32, Township 1 South, Range 4 West of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows:
Commencing at the Northwest Corner of said Section 32;
Thence South 29°15'22" East 1518.15 feet to the TRUE POINT OF BEGINNING, said point being on the North right-of-way line of State Highway 87;
Thence North 00°30'48" West 263.53 feet;
Thence North 23°31'21" East 48.28 feet to the South line of the Elpaso E&P Co. Meeks 3-32A4 well location surface use area boundary. Said right-of-way being 311.81 feet in length with the sidelines being shortened or elongated to intersect said use boundary and said North 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, powerline, 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

12 JUN 2009 01-128-093

APIWellNo:43013500690000

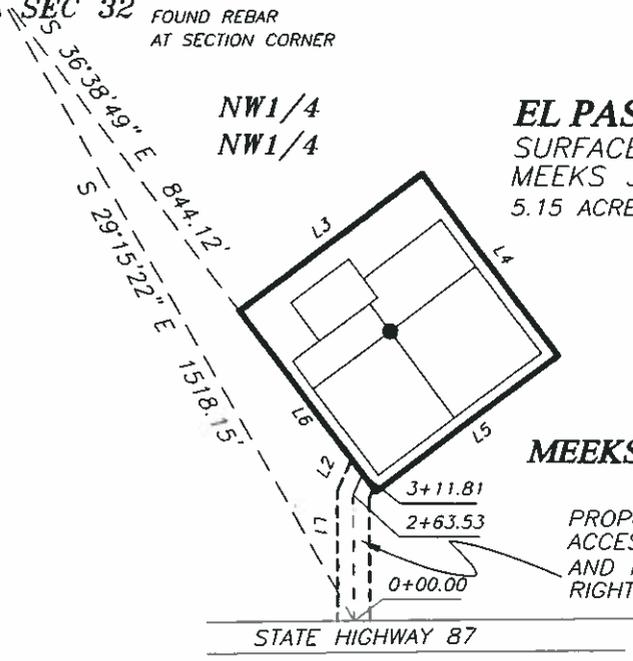
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SEC 30 SEC 29

S 89°52'42" W 2634.28'

FOUND REBAR
AT QUARTER CORNER

SEC 31 SEC 32
FOUND REBAR
AT SECTION CORNER



NW1/4
NW1/4

EL PASO E & P COMPANY, L.P.
SURFACE USE AREA
MEEKS 3-32A4
5.15 ACRES

MEEKS PROPERTY

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

STATE HIGHWAY 87

LINE	BEARING	DISTANCE
L1	N 00°30'48" W	263.53'
L2	N 23°31'21" E	48.28'
L3	N 53°05'06" E	475.00'
L4	S 36°54'54" E	472.00'
L5	S 53°05'06" W	475.00'
L6	N 36°54'54" W	472.00'



SCALE 1" = 400'



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THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF GRID BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT THE NORTHWEST CORNER OF SECTION 32, T1S, R4W, U.S.B.&M. USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

APIWellNo:43013500690000

AFFIDAVIT OF FACTS

STATE OF UTAH §

COUNTY OF DUCHESNE §

Re: Surface Use Agreement and Right-of-Way
Wellsite, Road and Pipeline
El Paso E&P Company, L.P., Operator
Meeks 3-32A4 Oil & Gas Well
NW/4NW/4 of Sec. 32, T1S, R4W, Duchesne County, Utah (the "Lands")

WHEREAS, the undersigned, John Whiteside (affiant), whose mailing address is P.O. Box 790093, Vernal, UT 84079, being first duly sworn on oath, depose and say:

1. I am over the age of 21 and am an Independent Oil and Gas Landman, on contract to El Paso E&P Company, L.P., 1099 18th Street, Suite 1900, Denver, Colorado 80202 ("El Paso").
2. In current Tax Roll records and Quit-Claim Deed dated March 6, 1996 and recorded March 6, 1996 in Book A260, Page 589 entry number 311610 of the Duchesne County Recorder's Office, KATHRYN MEEKS, AKA KATHY MEEKS, grantor, quit-claims to ROBERT E. MEEKS AND KATHY MEEKS, husband and wife of Star Route, Box 6, Mountain Home, UT 84051, telephone 435/454-3101 home, and 435/823-5314 cell, ("Meeks"), evidencing the current owner of the surface of the Lands where El Paso intends to drill an Oil & Gas Well, more specifically described as a proposed wellsite being 721' from the North line and 817' from the West line, being in the NW/4NW/4 of Section 32, Township 1 South, Range 4 West, U.S.M.
3. The first correspondence attempts for this issue with Meeks were January 22 and 23, 2009, in the form of phone calls without answering service or response.
4. February 9, 2009, a letter was mailed to Meeks to notify them of El Paso's intent to survey and begin the process to acquire a Right-of-Way Agreement (ROW) and Surface Damages & Use Agreement (SUA).
5. February 11, 2009, Meeks called to grant permission to access lands for the location to be surveyed.
6. April 7, 2009, Meeks was called to notify that the ROW/SUA packet would be mailed that day. The packet was mailed.
7. April 24, 2009, Meeks called to notify the Landman of his new mobile phone number. The number was relayed to the Surveyor for contact when access to the property was planned.
8. May 13, 2009, messages were left on home and mobile phone answering services to schedule pre-survey on-site visit. Meeting was scheduled for May 18, 2009.
9. May 18, 2009, on-site meeting with Meeks and neighboring land owners that would possibly be impacted by the well location. It was decided to move the well location West approximately 400' so that the entire location would be in a gravel pit owned by Meeks. A second ROW/SUA packet was delivered to Meeks.
10. June 12, 2009, the survey packet was received from the Surveyor for the location with appropriate revisions to reflect the Meeks' request for change of the well-site location.
11. June 17, 2009, a revised ROW/SUA packet was mailed to Meeks including offer for compensation of \$10,000.00 for the well location damages and \$500.00 for the 312' length of road, pipeline and power right-of-way.
12. As of this date, June 19, 2009, El Paso has not been able to acquire a signed Right-of-Way Agreement (ROW) or Surface Damage and Release Agreement (SUA) for the proposed Meeks 2-32A4 in Section 32, Township 1 South, Range 4 West, U.S.M.

NOW THEREFORE, the undersigned affiant John Whiteside, of lawful age, being first duly sworn, depose and say, that the above facts are true and correct to the best of his knowledge, further Affiant saith not. Signed this 19th day of June, 2009,

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John Whiteside
By: John Whiteside, Affiant

STATE OF UTAH §

COUNTY OF DUCHESNE §

On the 22nd day of June A.D., 2009 personally appeared before me John Whiteside, Affiant signer of the above instrument, who duly acknowledged to me that he executed the same. WITNESS my hand and official seal.

My commission expires: 4/24/2010

 Notary Public
BYRON T. MOOS
1056 East Canyon Road
Spanish Fork, UT 84660
My Commission Expires
April 24, 2010
State of Utah

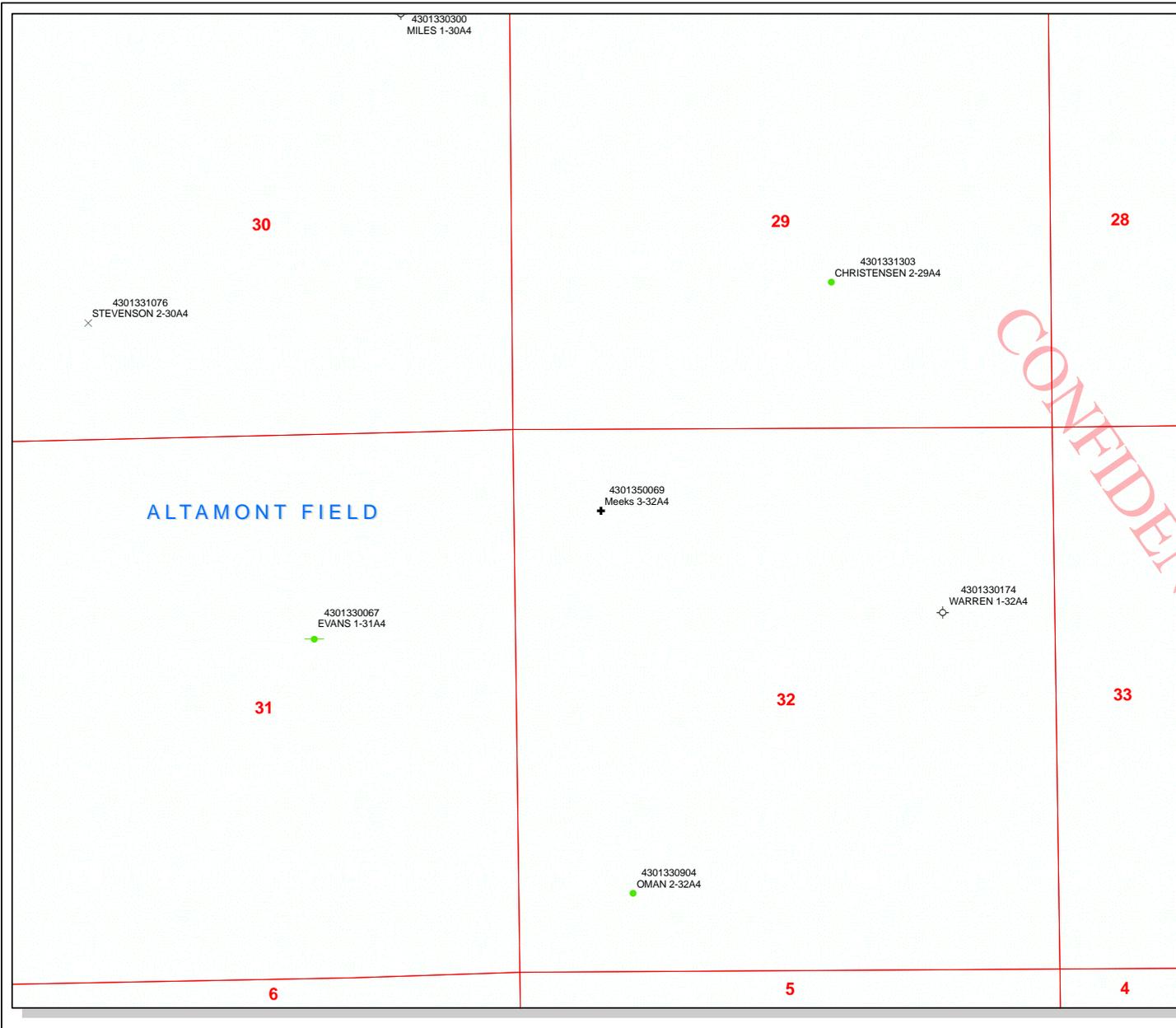
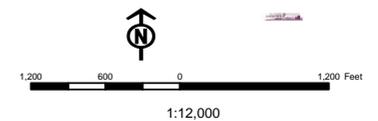
Byron T. Moos
Notary Public
Residing at: Spanish Fork, UTAH

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API Number: 4301350069
Well Name: Meeks 3-32A4
Township 01.0 S Range 04.0 W Section 32
Meridian: UBM
Operator: EL PASO E&P COMPANY, LP

Map Prepared:
Map Produced by Diana Mason

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



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Well Name	EL PASO E&P COMPANY, LP Meeks 3-32A4 43013500690000			
String	Cond	Surf	I1	Prod
Casing Size(")	13.375	9.625	7.000	4.500
Setting Depth (TVD)	600	7715	11840	15200
Previous Shoe Setting Depth (TVD)	0	600	7715	11840
Max Mud Weight (ppg)	8.9	8.9	11.0	14.0
BOPE Proposed (psi)	500	500	5000	10000
Casing Internal Yield (psi)	2730	5750	9950	14420
Operators Max Anticipated Pressure (psi)	11055			14.0

Calculations	Cond String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	278	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	206	YES OK
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	146	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	146	NO Reasonable
Required Casing/BOPE Test Pressure=		500	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

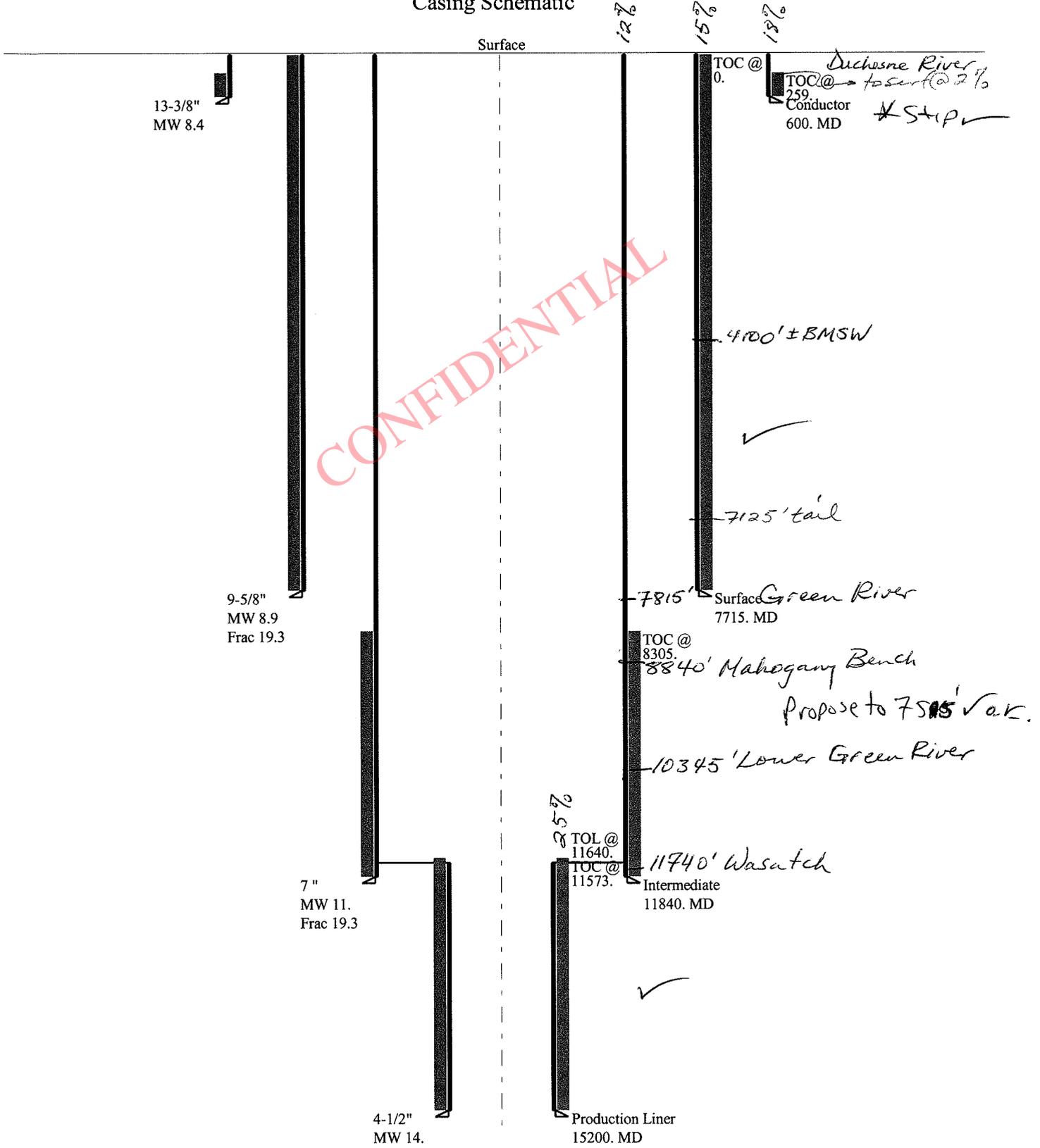
Calculations	Surf String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	3571	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2645	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1874	NO No expected Pressure
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2006	NO common practice in area
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=	6772	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5351	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4167	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	5865	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=	11066	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	9242	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	7722	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	10327	YES OK
Required Casing/BOPE Test Pressure=		10000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		9950	psi *Assumes 1psi/ft frac gradient

43013500690000 Meeks 3-32A4

Casing Schematic



Well name:	43013500690000 Meeks 3-32A4		
Operator:	EL PASO E&P COMPANY, LP		
String type:	Conductor	Project ID:	43-013-50069
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 6, 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:	43013500690000 Meeks 3-32A4		
Operator:	EL PASO E&P COMPANY, LP		
String type:	Surface	Project ID:	43-013-50069
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 182 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 4,161 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP: 5,858 psi
 Annular backup: 1.00 ppg

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: 6,694 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 11,840 ft
 Next mud weight: 11.000 ppg
 Next setting BHP: 6,766 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 7,715 ft
 Injection pressure: 7,715 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	7715	9.625	40.00	HCN-80	LT&C	7715	7715	8.75	99139

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	3567	4230	1.186	5457	5750	1.05	308.6	837	2.71 J

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

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

Date: August 6, 2009
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7715 ft, a mud weight of 8.9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013500690000 Meeks 3-32A4		
Operator:	EL PASO E&P COMPANY, LP		
String type:	Intermediate	Project ID:	43-013-50069
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 11.000 ppg
 Internal fluid density: 2.000 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: 240 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft
 Cement top: 8,305 ft

Burst

Max anticipated surface pressure: 7,711 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP: 10,315 psi
 Annular backup: 1.00 ppg

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.

Re subsequent strings:

Next setting depth: 15,200 ft
 Next mud weight: 14.000 ppg
 Next setting BHP: 11,055 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 11,840 ft
 Injection pressure: 11,840 psi

Tension is based on air weight.
 Neutral point: 9,876 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	11840	7	26.00	P-110	LT&C	11840	11840	6.151	123077

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	5536	6230	1.125	9700	9950	1.03	307.8	693	2.25 J

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

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

Date: August 6, 2009
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 11840 ft, a mud weight of 11 ppg. An internal gradient of .104 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:	43013500690000 Meeks 3-32A4		
Operator:	EL PASO E&P COMPANY, LP		
String type:	Production Liner	Project ID:	43-013-50069
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 14.000 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: 287 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Cement top: 11,640 ft

Liner top: 11,640 ft

Non-directional string.

Burst

Max anticipated surface pressure: 7,711 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 11,055 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.
 Neutral point: 14,436 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	3600	4.5	15.10	P-110	LT&C	15200	15200	3.701	22572

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	11055	14350	1.298	11055	14420	1.30	54.4	406	7.47 J

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

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

Date: August 6, 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 15200 ft, a mud weight of 14 ppg. The 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 Meeks 3-32A4
API Number 43013500690000 **APD No** 1708 **Field/Unit** ALTAMONT
Location: 1/4,1/4 NWNW **Sec** 32 **Tw** 1.0S **Rng** 4.0W 721 FNL 817 FWL
GPS Coord (UTM) 553810 4467375 **Surface Owner** Robert E and Kathy Meeks

Participants

Floyd Bartlett (DOGM), Wayne Garner (Construction Supervisor, El Paso), Ryan Fairbanks and Nathan Simper (Land Professional INC.), Robert Meeks (Surface Owner).

Regional/Local Setting & Topography

The general area is west of Altamont, Utah on the edge of Pigeon Water Drainage. Bench lands lie to the north and east with the Pigeon Water and Big Hollow drainages to the south and west. Perennial streams augmented by irrigation from the bench-lands exist in both of these drainages. Irrigation ditches or small canals are common leading to the bench lands. Seep, springs or surface water are common in the general area. Access to the site from Altamont, Utah is by the existing State Highway a distance of 4.5 miles. Approximately 0.06 miles of new road will be required.

The proposed Meeks 3-32A4 oil well location is mostly within an old gravel pit which has not been reclaimed. The gravel pit is on the south edge of a bench which continues to the north as dry-land and irrigated pasture lands. An irrigation canal is to the east and south of the site. To the south it is approximately 100+ feet beyond Corner 8 of the pad. The location for the pad was originally considered to the east and closer to the canal. Canal owners showed concern and it was staked to consume most of the old gravel pit. No concerns exist regarding the present site. As designed, approximately 30,000 cu.yds. of excess cut will exist. It was agreed that the surface of the well pad would be raised to grade or 2 feet, significantly reducing the amount of excavation. Mr. Meeks said any excess materials could be pushed into the ravine west of the pad. A small pond existed in a low spot in the pit. Mr. Meeks said that came from some un-attended irrigation water. A diversion ditch is needed around the north and east end of the pad. The site appears to be a suitable location for constructing a pad, drilling and operating a well.

Both the surface and minerals of the proposed oil well are FEE. Robert and Kathy Meeks own the surface. Mr. Meeks attended the evaluation and was in agreement with the proposal. A signed surface use agreement is expected.

Surface Use Plan

Current Surface Use

- Grazing
- Agricultural
- Wildlife Habitat
- Deer Winter Range

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.06	Width 397 Length 425	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Poorly vegetated. Vegetation included greasewood, herbaceous sage, winterfat, globemallow, aster, hordum, penstemon tamarax and festuca.pinion,.

Cattle, deer, elk, coyote and other small mammals and birds.

Soil Type and Characteristics

Shallow gravely rubble with cliché layer near the upper side.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? Y

A diversion ditch is needed around the north and east end of the pad.

Berm Required? N

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	25 to 75	15	
Distance to Surface Water (feet)	100 to 200	15	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	High permeability	20	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	55	1 Sensitivity Level

Characteristics / Requirements

The reserve pit is planned on the southwest corner of the location in an area of cut. Dimensions are 100' x 150' x 10 feet deep. A 15-foot bench is planned. Sensitivity Level 1. A liner is required. Wayne Garner of ElPaso said they commonly use a 16-mil liner.

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

Other Observations / Comments

Floyd Bartlett

7/14/2009

Evaluator

Date / Time

CONFIDENTIAL

Application for Permit to Drill Statement of Basis

9/30/2009

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
1708	43013500690000	LOCKED	OW	P	No
Operator	EL PASO E&P COMPANY, LP		Surface Owner-APD	Robert E and Kathy Meeks	
Well Name	Meeks 3-32A4		Unit		
Field	ALTAMONT		Type of Work	DRILL	
Location	NWNW 32 1S 4W U 721 FNL 817 FWL GPS Coord (UTM) 553824E 4467376N				

Geologic Statement of Basis

El Paso proposes to set 600 feet of conductor and 7,715 feet of surface casing both of which will be cemented to surface. The surface and intermediate holes will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 4,100 feet. A search of Division of Water Rights records indicates that there are over 35 water wells within a 10,000 foot radius of the center of Section 32. Five wells are located within 1/2 mile of the proposed location. These wells range in depth from 59 to 280 feet. Listed use is domestic, irrigation and stock watering. The wells in this area probably produce water from the Duchesne River Formation and most wells are less than 100 feet with only 3 exceeding 500 feet. The proposed casing and cement program should adequately protect the highly used Duchesne River aquifer.

Brad Hill
APD Evaluator

7/23/2009
Date / Time

Surface Statement of Basis

The general area is west of Altamont, Utah on the edge of Pigeon Water Drainage. Bench lands lie to the north and east with the Pigeon Water and Big Hollow drainages to the south and west. Perennial streams augmented by irrigation from the bench-lands exist in both of these drainages. Irrigation ditches or small canals are common leading to the bench lands. Seep, springs or surface water are common in the general area. Access to the site from Altamont, Utah is by the existing State Highway a distance of 4.5 miles. Approximately 0.06 miles of new road will be required.

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Both the surface and minerals of the proposed oil well are FEE. Robert and Kathy Meeks own the surface. Mr. Meeks attended the evaluation and was in agreement with the proposal. A signed surface use agreement is expected.

Floyd Bartlett
Onsite Evaluator

7/14/2009
Date / Time

Application for Permit to Drill Statement of Basis

9/30/2009

Utah Division of Oil, Gas and Mining

Page 2

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**

APD RECEIVED: 7/2/2009

API NO. ASSIGNED: 43013500690000

WELL NAME: Meeks 3-32A4

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

PHONE NUMBER: 303 291-6417

CONTACT: Marie Okeefe

PROPOSED LOCATION: NWNW 32 010S 040W

Permit Tech Review:

SURFACE: 0721 FNL 0817 FWL

Engineering Review:

BOTTOM: 0721 FNL 0817 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.35710

LONGITUDE: -110.36616

UTM SURF EASTINGS: 553824.00

NORTHINGS: 4467376.00

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: 43-8335 & Upper Country Culinary Water Altamont
- 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
8 - Cement to Surface -- 2 strings - ddoucet
12 - Cement Volume (3) - ddoucet

AFFIDAVIT OF SURFACE DAMAGE AGREEMENT

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 18th Street, Suite 1900, Denver, Colorado 80202 ("El Paso").
2. El Paso is the Operator of the proposed Meeks 3-32A4 well to be located in the NW/4NW/4 of Section 32, Township 1 South, Range 4 West, Duchesne County, Utah (the "Drillsite Location"). The surface owners of the Drillsite Location are Robert Meeks and Kathy Meeks, HC 65 Box 510006, Mountain Home, Utah 84051-9702 (the "Surface Owners").
3. El Paso and the Surface Owners have agreed upon a damage settlement and release agreement covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

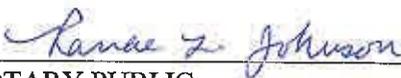


 Laura Smith

ACKNOWLEDGEMENT

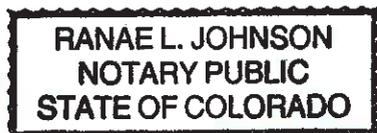
STATE OF COLORADO §
 CITY AND §
 COUNTY OF DENVER §

Before me, a Notary Public, in and for this state, on this 23rd day of September, 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.

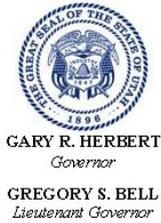


 NOTARY PUBLIC:

My Commission Expires:



My Commission Expires 09-26-2010



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: Meeks 3-32A4
API Well Number: 43013500690000
Lease Number: FEE
Surface Owner: FEE (PRIVATE)
Approval Date: 10/1/2009

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 7515' MD as indicated in the submitted drilling plan.

Cement volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

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):

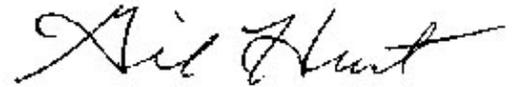
- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-942-0871 - after office hours

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:



Gil Hunt
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Meeks 3-32A4
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013500690000
3. ADDRESS OF OPERATOR: 1099 18th ST, STE 1900 , Denver, CO, 80202	PHONE NUMBER: 303 291-6417 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0721 FNL 0817 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 32 Township: 01.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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: 1/25/2010	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

EL PASO E&P COMPANY SET 13-3/8" CONDUCTOR CSG @ 848'KB.
 PERMITTED FOR 600'. PLANNED SURFACE CSG SETTING DEPTH TO BE REVISED TO 5,300'. PERMITTED FOR 7,715'. CASING SPECS SAME AS PER PERMIT. SEE ATTACHED WELLBORE DIAGRAM

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 February 04, 2010

NAME (PLEASE PRINT) Marie Okeefe	PHONE NUMBER 303 291-6417	TITLE Sr Regulatory Analyst
SIGNATURE N/A	DATE 2/4/2010	

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
						2,730	1,130	1,399
CONDUCTOR	13 3/8"	0' - 848	54.5	J-55	STC	4.27	3.04	32.09
						5,750	3,030	737
SURFACE	9-5/8"	0' - 5300	40.00	N-80	LTC	0.93	1.25	2.00
						11,250	8,530	797
INTERMEDIATE	7"	0' - 11840	39.00	P-110	LTC	1.13	1.39	2.03
						14,420	14,350	406
PRODUCTION LINER	4 1/2"	11840' - 15200	15.10	P-110	LTC	6.07	1.33	2.85

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		800	Class G + 2% DM/LP	100	0%	15.0 ppg	1.15
SURFACE	Lead	4,800	Premium Lite II Plus, 2% CaCl ₂ , 0.3% FL50 0.5% Sodium Metasilicate	940	100%	11.0 ppg	3.2
	Tail	500	Class G 50:50 poz, 2% CaCl ₂ , 2% gel 0.3% sodium metasilicate	260	100%	14.1 ppg	1.25
INTERMEDIATE	Lead	5,240	CamCRETE Blend 3.9% 11 (DMS1/D124) + 0.2 % w/w D80 + 0.2 % w/w D46 + 0.4 % w/w D117 +	390	36%	11.5 ppg	3.30
	Tail	500	0.2 % w/w D167 10:0 RFC (Class G)	50	35%	12.5 ppg	3.33
PRODUCTION LINER		3,560	WellBond Slurry Class G + 35% D88 + 1.0 gps D9000 + 0.05 gps D89 + 0.3% D167 + 0.2% D46 + 0.4% D800 + 1% D70	230	25%	14.5 ppg	1.86

FLOAT EQUIPMENT & CENTRALIZERS

CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing, then every 3rd jt to surface.
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 centralizer on jts #1, 2, 3 and every 3rd joint to surface.
LINER	Float shoe, 1 joint, float collar. Bow spring centralizer on jts #1, 2 & 3, the every third joint. Thread lock all FE

PROJECT ENGINEER(S): Neil McRobbie Updated 26 Jan 2010

MANAGER: Eric Giles

<p>STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p>FORM 9</p>
<p>SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.</p>	<p>5. LEASE DESIGNATION AND SERIAL NUMBER: FEE</p>
	<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</p>
	<p>7. UNIT or CA AGREEMENT NAME:</p>
<p>1. TYPE OF WELL Oil Well</p>	<p>8. WELL NAME and NUMBER: Meeks 3-32A4</p>
<p>2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP</p>	<p>9. API NUMBER: 43013500690000</p>
<p>3. ADDRESS OF OPERATOR: 1099 18th ST, STE 1900 , Denver, CO, 80202</p>	<p>PHONE NUMBER: 303 291-6417 Ext</p>
<p>4. LOCATION OF WELL FOOTAGES AT SURFACE: 0721 FNL 0817 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 32 Township: 01.0S Range: 04.0W Meridian: U</p>	<p>9. FIELD and POOL or WILDCAT: ALTAMONT</p>
	<p>COUNTY: DUCHESNE</p>
	<p>STATE: UTAH</p>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> 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 checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/6/2010	<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
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

ATTACHED PLEASE FIND EL PASO DRILLING REPORT FOR SUBJECT WELL

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 May 12, 2010

<p>NAME (PLEASE PRINT) Marie Okeefe</p>	<p>PHONE NUMBER 303 291-6417</p>	<p>TITLE Sr Regulatory Analyst</p>
<p>SIGNATURE N/A</p>	<p>DATE 5/6/2010</p>	



EL PASO PRODUCTION
Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Spud Date: 1/22/2010
 Start: 11/12/2009
 End:
 Rig Release: Group:
 Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/23/2010	06:00 - 14:00	8.00	D	01		MIRU PRO PETRO RIG #10
	14:00 - 19:30	5.50	D	03		AIR HAMMER DRILL 17 1/2" HOLE FROM 80' TO 300'
	19:30 - 04:00	8.50	DT	60		WORK ON HYDROLIC HOSE - {PRO PETRO NEEDED TO HAVE HYDROLIC HOSE MADE AND THEN DELIVERED TO LOCATION}
	04:00 - 04:30	0.50	D	05		ACCUMULATED TIME FOR WIRE LINE SURVEY @ 240' {1/2 DEGREE}
1/24/2010	04:30 - 06:00	1.50	D	03		AIR HAMMER DRILL 17 1/2" HOLE FROM 300' TO 360'
	06:00 - 17:30	11.50	D	03		AIR HAMMER DRILL 17 1/2" HOLE FROM 360' TO 810' {NOTE: WATER SHOW @540'}
	17:30 - 18:00	0.50	D	05		ACCUMULATED CONNECTION & SURVEY TIME {SURVEY @570' - 1/2 DEGREE}
	18:00 - 19:00	1.00	D	03		AIR HAMMER DRILL 17 1/2" HOLE FROM 810' TO 855' {TOTAL DEPTH FOR 13 3/8" CASING = 816.27'}
	19:00 - 20:00	1.00	D	08		CIRCULATE HOLE CLEAN
	20:00 - 20:30	0.50	D	05		WIRE LINE SURVEY @840' { 3/4 DEGREE }
	20:30 - 22:00	1.50	D	04		POOH
	22:00 - 04:00	6.00	D	12		RIG UP TO RUN CASING { RAN SHOE, SHOE JOINT, FLOAT COLLAR AND REMAINDER 18 JOINTS 13 3/8" 54.5# J-55 STC CASING = 816.27' } CENTRILIZED WITH STOP COLLARS FIRST 3 JOINTS THEREAFTER EVERY 3RD JOINT. TOTAL 19 JOINTS RAN SHOE DEPTH = 816.27'
1/25/2010	04:00 - 06:00	2.00	D	14		RELEASED RIG 01/24/2010 @ 02:00
	06:00 - 11:00	5.00	D	14		RIG UP TO CEMENT - PRESSURE TEST LINES PUMP 120 BBLs H2O AHEAD 20 BBLs GEL SPACER, MIX AND PUMP 205 BBLs 15.8# PREMIUM CEMENT, DROP PLUG PUMP 13 BBLs H2O DISPLACEMENT PRESSURE INCREASE TO 1100 PSI. DETERMINED HOLE BRIDGE OFF. CALCULATED VOLUMES PUMPED TO DETERMINE CEMENT TOP @72' FROM SURFACE CALLED DUSTIN DOUCET WITH THE STATE OF UTAH HE AUTHORIZED RUNNING 1" 90' AND BRINGING CEMENT TO SURFACE RIG UP AND RUN IN 90' OF 1" PUMP 40 BBLs 15.8# PREMIUM CEMENT TO SURFACE, AFTER PUMPING CEMENT TO SURFACE IT FELL BACK, WAITED FOR 1 1/2 HRS MIX AND PUMP 10 BBLs 15.8# CEMENT TO SURFACE - GOOD CEMENT TO SURFACE AND HELD OK - NOTE: 13 3/8" CASING IS FULL OF CENENT FROM AN ESTIMATED 87' TO 816'
2/24/2010	07:00 - 07:30	0.50	D	18		HOLD SAFETY MEETING W/ KUHR TRUCKING & DRLG. CREWS
	07:30 - 19:00	11.50	D	01		RIG OUT AND MOVE RIG CAMP F/ OWL & HAWK 2-31B5 TO MEEKS 3-32A4 CAMP HOOKED UP & IN OPERATION BY 1900 HRS. TORE OUT FRONT END OF DRLG. RIG DERRICK DOWN AT 1445 HRS. LOADED OUT 2 400 BBL. TANKS, CHOKE MANIFOLD BUILDING, RACKING PLAT FORM, TOP DRIVE & TOP DRIVE BUILDING LEASE & LEASE ROAD IN GOOD COND. BUT QUITE MUDDY CONTINUED TEARING OUT DRLG. RIG
2/25/2010	19:00 - 07:00	12.00	D	01		WAIT ON DAY LIGHT
	07:00 - 07:15	0.25	D	18		SAFETY MEETING W/ KHUR TRUCKING & RIG PERSONEL
	07:15 - 19:00	11.75	D	01		CONT. TEARING OUT DRLG. RIG PREPARE AND LOAD OUT DERRICK & DRAW WORKS, ALL SUPPORT BUILDINGS, MUD



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Start: 11/12/2009
 Rig Release:
 Rig Number:

Spud Date: 1/22/2010
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/25/2010	07:15 - 19:00	11.75	D	01		PUMPS LOWER A FRAME, UNPIN & LOAD OUT SUB STRUCTURES MOST OF RIG LOADS ARE STACKED AT ABANDANT BATTERY .5 MILE FROM MEEKS LOC. RIG IS 100% RIGGED DOWN 70% MOVED 0% RIGGED UP
2/26/2010	19:00 - 07:00	12.00	D	01		WAIT ON DAY LIGHT
	07:00 - 07:15	0.25	D	18		HOLD SAFETY MEETING W/ KUHR TRUCKING & RIG CREWS SPOT MATTING, PIN SUB STRUCTURES & LEVEL SAME RAISE A FRAMES SET ON BOP STACK SPOT MUD MANIFOLD SKID, BOTH MUD PUMPS, BOTH MUD TANKS & SUPPORT BUILDINGS DRAW WORKS TORE DOWN CHANGING BEARINGS IN COUNTER SHAFT (MAY BE READY TOMMOROW) RIG 100% MOVED 20% RIGGED UP CONTINUING W/ GENERAL RIG UP
	07:15 - 19:00	11.75	D	01		WAIT ON DAY LIGHT
2/27/2010	19:00 - 07:00	12.00	D	01		SAFETY MEETING W/ KUHR TRUCKING & DRLG. CREWS CONT. SPOTTING MATTING FINISH SETTING IN SUPORT BUILDINGS PIN DERRICK TOGETHER STRING TRAVELING BLOCKS SPOT ZECO DEGASER RUN AIR, STEAM & HYDRAULIC LINES CONT. WITH GENERAL RIG UP DRAW WORKS SENT INTO VERNAL TO A HEATED AND WELL LIT SHOP (COULD BE BACK SOMETIME IN THE MORNING) CONT. WITH GENERAL RIG UP RIG 30% RIGGED UP
	07:00 - 07:15	0.25	D	18		WAIT ON DAY LIGHT
	07:15 - 19:00	11.75	D	01		SAFETY MEETING WITH KUHR TRUCKING & RIG CREWS CONT. W/ GENERAL RIG UP DRAW WORKS ARRIVED AT 0800 HRS. SET IN & PIN DRAW WORKS RUN POWER CABLES INSTALL PREFAB FRAME WORK & WIND WALLS RAISE AND PIN DRAW WORKS INSTALL CABLE TRAY OCTOPUS & RUN POWER CABLES TO MUD PUMPS ETC. PUT UP PREFAB FRAME WORK OVER MUD TANKS CONT. WITH GENERAL RIG UP SCI WELDERS PLUMBING IN NEW GAS BUSTER RIG 40% RIGGED UP
2/28/2010	19:00 - 07:00	12.00	D	01		WAIT ON DAY LIGHT
	07:00 - 07:15	0.25	D	18		SAFETY MEETING W/ KUHR TRUCKING & RIG CREWS CONT. WORKING ON PREFAB FRAME WORK SPOOL DRLG. LINE ON DRUM PIN MONKEY BRD. INSPECT & RAISE DERRICK SET IN CAT WALK, PUT UP SKATE AND V-DORR SCI WELDING FINISHED PLUMBING IN GAS BUSTER RIG UP DRILL FLOOR CONT. WITH GENERAL RIG UP 50% RIGGED UP
	07:15 - 19:00	11.75	D	01		WAIT ON DAY LIGHT
3/1/2010	19:00 - 07:00	12.00	D	01		SAFETY MEETING W/ DRLG. CREWS RIGGING UP
	07:00 - 07:15	0.25	D	18		CONT. PUTTING UP AND TIGHTENING TARPS START HOOKING UP TOP DRIVE DRAIN WATER TANK AND REPAIR LEAK IN BTM. OF TANK TWO WELDERS MAKING REPAIRS TO MUD TANKS (PATCHING NUMEROUS HOLES & WASHED OUT LINES) UNABLE TO FIRE BOILER (REPAIR MAN ARRIVING TOMORROW MORNING) CONT. W/ GENERAL RIG UP
	07:15 - 19:00	11.75	D	01		ALL CREW MEMBERS AND SUPERVISORS ATTENDED PRESPUD MEETING AT ALTIMONT OFFICE.
3/2/2010	19:00 - 07:00	12.00	D	01		CONTINUE TO RIG UP TOP DRIVE AND SERVICE LOOP.
	07:00 - 07:15	0.25	D	18		SAFETY MEETING RIGGING UP.
	07:15 - 16:00	8.75	D	01		CONTINUE TOP DRIVE RIG UP. HAD DIFFICULTY STARTING THE TOP DRIVE UNIT. GENERAL RIG UP. CIRCULATING PIT WITH PIT PUMP.
	16:00 - 18:00	2.00	D	18		
	18:00 - 20:00	2.00	D	01		
	00:00 - 00:15	0.25	D	18		
	00:15 - 06:00	5.75	D	01		



EL PASO PRODUCTION
Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Spud Date: 1/22/2010
 Start: 11/12/2009 End:
 Rig Release: Group:
 Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
3/3/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING	
	06:15 - 14:00	7.75	D	01		CONT. INSTALLING TOP DRIVE MADE NUMEROUS REPAIRS / OIL LEAKS ETC.	
	14:00 - 18:00	4.00	D	01		FINISH INSTALLING & TIGHTENING TARPS PUT UP CATCH PAN & BOP SCAFFOLDING HOOK UP 8" GAS LINES FROM GAS BUSTER TO FLARE TANK DUG DITCHES AROUND DRLG. RIG CONT. WITH GENERAL RIG UP	
	18:00 - 18:15	0.25	D	15		CREW CHANGE AND SAFETY MEETING. NIPPLE UP CHOIKE LINE AND ROTATING HEAD. TIGHTEN BOLTS ON FLANGES THAT WERE BROKEN TO MOVE BOP. GENERAL RIG UP.	
	18:15 - 00:00	5.75	D	15		NIPPLE UP CHOKE LINE TO CHOKE HOUSE. INSTALL ROTATING HEAD AND SPOOL ON TOP OF ANNULAR. TIGHTEN BOLTS ON FLANGE BROKEN TO MOVE STACK. PREPARE FOR PRESSURE TEST OF BOPE.	
	00:00 - 00:15 00:15 - 06:00	0.25 5.75	D D	18 09		SAFETY MEETING TESTING BOPE TEST BOPE. TEST CHOKE HOUSE FIRST. ALL VALVES AND LINES TO 250/5K. MU TEST PLUG. WELLHEAD AND STACK FROZEN TO BOTTOM RAMS. RU PUMPS TO CIRCULATE STACK WITH WATER TO THAW.	
3/4/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING WORKING ON BOP'S / MUD PUMPS	
	06:15 - 11:00 11:00 - 16:45	4.75 5.75	D D	15 09		FINISH INSTALLING GRANT ROTATING HEAD HOLD SAFETY MEETING WITH WEATHERFORD PRESS. TESTERS SET TEST PLUG IN WELL HEAD PRESS. TEST UPPER & LOWER PIPE RAMS, ANNULAR PREVENTOR, BOTH INSIDE & OUTSIDE CHOKE & KILL LINE VALVES, WELL HEAD FLANGES , BLIND RAMS , STABBING VALVE & INSIDE BOP TEST PRESURES 250 PSI LOW & 5000 PSI HIGH 10 MIN. DURATION CONDUCT 5 FUNCTION TEST WITH ACCUMULATOR SHUT OFF FINAL ACC. PRESS. 1250 PSI RECHARGE TO 3000 PSI 1 MIN. 25 SEC'S	
	16:45 - 18:00	1.25	D	15		INSTALL WEAR BUSHING	
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING. LINE UP STACK AND REALIGN FLOW LINE. PU BHA AND DRILL.	
	18:15 - 00:00	5.75	D	01		PREPARE FLOWLINE FOR A WELDER, CUT AND REWELD AS NEEDED FOR ALIGNMENT. WORKING ON MOUSE HOLES WHILE WELDING. ADJUST HOSES ON TOP DRIVE.	
	00:00 - 00:15 00:15 - 03:45	0.25 3.50	D D	18 04		SAFETY MEETING PU BIG COLLARS AND BHA, DRILLING CEMENT. INSTALL FLOW NIPPLE, PU BIT AND BHA, TAG TOP OF CEMENT AT 72' KB.	
	03:45 - 06:00	2.25	D	13		DRILL CEMENT W/ 2 PUMPS AT 90 SPM EACH 745 GPM AT 1000 PSI AND 63 RPM. DRILLED RUBBER PLUG, DRILL 72' TO 200'. BIT BIT SUB, 2 9 1/2" DC'S XO, 1 7" DC, HWDP. 7 " DC'S WERE VERY SLOW TO RUN BECAUSE THE TOP DRIVE CANNOT SCREW INTO A COLLAR IN THE 90' OR 30' MOUSE HOLES.	
	3/5/2010	06:00 - 06:15	0.25	D	18		HAND OVER AND PRETOUR SAFETY MEETING
		06:15 - 18:00	11.75	D	13		DRILL CEMENT 200' TO 520'. 90 SPM ON BOTH PUMPS FOR 750 GPM 1150 PSI, 60 TO 80 RPM WOB 30 K.
		18:00 - 18:15	0.25	D	18		HAND OVER AND PRETOUR SAFETY MEETING, CHANGE O RING IN STANDPIPE AND DRILLING CEMENT
18:15 - 19:00		0.75	D	13		DRILL CEMENT 520' TO 550'. 90 SPM ON BOTH PUMPS FOR 750 GPM 1150 PSI, 60 TO 80 RPM.	
19:00 - 19:15		0.25	D	06		RIG SERVICE CHANGE O RING IN STAND PIPE.	



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Start: 11/12/2009
 Rig Release:
 Rig Number:

Spud Date: 1/22/2010
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/5/2010	19:15 - 00:00	4.75	D	13		DRILL CEMENT 550' TO 805'. 90 SPM ON BOTH PUMPS FOR 750 GPM 1350 PSI, 60 TO 80 RPM. 25 TO 30K WOB
	00:00 - 00:15	0.25	D	18		SAFETY MEETING, TESTING CASING
	00:15 - 02:30	2.25	D	09		CIRCULATE BOTTOMS UP, BLOW DOWN KELLY HOSE, PULL ONE STAND, PU SINGLE, CLOSE PIPE RAMS, STOP LEAKS, TEST CASING TO 1000 PSI FOR 30 MINUTES.
	02:30 - 03:45	1.25	D	13		DRILL CEMENT 805' TO 848'. 90 SPM ON BOTH PUMPS FOR 750 GPM 1350 PSI, 60 TO 80 RPM. 25 TO 30K WOB
	03:45 - 04:00	0.25	D	03		DRILL FORMATION FROM 848 TO 852'. PENETRATION RATE DROPPED FROM OVER 100' PER HOUR TO NEAR 10'/HOUR WITH 30K WOB.
3/6/2010	04:00 - 04:15	0.25	D	08		CIRCULATE BOTTOMS UP FOR TRIP.
	04:15 - 06:00	1.75	D			POOH
	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, CHANGE BHA AND TRIP IN HOLE. DRILLING, 90' MOUSE HOLE CONNECTIONS
	06:15 - 11:15	5.00	D	04		PU BHA #2, DIRECTIONAL WITH EM MWD. 12 1/4" PDC BIT
	11:15 - 12:45	1.50	D	04		RIH ON STANDS FROM DERRICK.
	12:45 - 17:00	4.25	D	03		DRILL 12 1/4" HOLE FROM 852' TO 1177'. TWO PUMPS AT 90 SPM FOR 750 GPM AT 1300 PSI AND 50 RPM, 12 TO 25K WOB.
	17:00 - 17:30	0.50	D	06		RIG SERVICE, RIG AIR TO MUD MANUFOLD.
	17:30 - 18:00	0.50	D	03		DRLD 12 1/4" HOLE F/1177' TO 1241' (DRLD 64' @ 128 FPH). TWO PUMPS AT 90 SPM AT 1300 PSI AND 50 RPM, 12 TO 25K WOB.
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING.
	18:15 - 00:00	5.75	D	03		DRLD 12 1/4" HOLE F/1241' TO 1807' (DRLD 566' @ 98 FPH). TWO PUMPS AT 100 SPM (845 GPM) AT 1750 PSI AND 50 RPM, 12 TO 25K WOB.
3/7/2010	00:00 - 04:00	4.00	D	03		DRLD 12 1/4" HOLE F/1807' TO 2089' (DRLD 282' @ 71 FPH). TWO PUMPS AT 100 SPM (845 GPM) AT 1707 PSI AND 50 RPM, 8 TO 18K WOB.
	04:00 - 04:15	0.25	D	06		SERVICE RIG. FUNCTION LOWER PIPE RAMS.
	04:15 - 06:00	1.75	D	03		DRLD 12 1/4" HOLE F/2089' TO 2275' (DRLD 186' @ 106 FPH). TWO PUMPS AT 100 SPM (845 GPM) AT 1700 PSI AND 50 RPM, 8 TO 18K WOB.
	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, PRECISION LIFT SUB ACTION, DRILLING 90 MOUSE HOLE
	06:15 - 08:00	1.75	D	03		DRLD 12 1/4" HOLE F/2275' TO 2298'. (DRLD 23'). TWO PUMPS AT 100 SPM (845 GPM) AT 1700 PSI AND 50 RPM, 8 TO 18K WOB.
	08:00 - 08:30	0.50	D	06		SLIDE 2275 TO 2298' TO SWING AROUND TO THE SOUTHEAST. WENT TO ROTATE AND HAVE TOP DRIVE ENGINE PROBLEM.
	08:30 - 11:15	2.75	D	03		RIG SERVICE WORKING ON TOP DRIVE DRLD 12 1/4" HOLE F/2298' TO 2463'. (DRLD 65 AT 23.6'/HR'). TWO PUMPS AT 100 SPM (845 GPM) AT 1750 PSI AND 50 RPM, 8 TO 18K WOB. SLIDE 2367 TO 2392'.
	11:15 - 12:30	1.25	DT	60		WORKING ON TOP DRIVE AND CHANGING CLAMP BOLT IN ROTATING HEAD.
	12:30 - 18:00	5.50	D	05		DRLD 12 1/4" HOLE F/2463' TO 2720'. (DRLD 257' AT 46.7'/HR'). TWO PUMPS AT 100 SPM (845 GPM) AT 1825 PSI AND 50 RPM, 8 TO 25K WOB. SLIDE 2556 TO 2571' AND 2649 TO 2669'.
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING.
18:15 - 19:15	1.00	DT	08		CIRCULATE. WORK ON #2 GENERATOR STARTER (GENERATORS WENT DOWN 5 TIMES BETWEEN 7:00 PM TO 22:30 HRS. MECHANIC SHOWED UP AT 00:30 AM).	
	19:15 - 19:45	0.50	D	06		SERVICE RIG WORK ON #2 GENERATOR.



EL PASO PRODUCTION Operations Summary Report

Legal Well Name:	MEEKS 3-32A4		
Common Well Name:	MEEKS 3-32A4	Spud Date:	1/22/2010
Event Name:	DRILLING	Start:	11/12/2009
Contractor Name:		Rig Release:	Group:
Rig Name:		Rig Number:	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/7/2010	19:45 - 00:00	4.25	D	03		DRLD 12 1/4" HOLE F/2720' TO 2962' (DRLD 242' @ 56.94 FPH). TWO PUMPS AT 90 SPM (745 GPM) AT 1915 PSI AND 60 RPM, 5 TO 20K WOB.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING.
	00:15 - 00:45	0.50	DT	08		CIRCULATE REPLACE #2 MUD PUMP SWAB.
	00:45 - 06:00	5.25	D	03		DRLD 12 1/4" HOLE F/2962' TO 3304' (DRLD 342' @ 65.14 FPH). TWO PUMPS AT 100 SPM (836 GPM) AT 1957 PSI AND 60 RPM, 5 TO 25K WOB.
3/8/2010	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING. AIR DRILLING AND TESTING COMPRESSED AIR LINES.
	06:15 - 08:15	2.00	D	03		DRLD 12 1/4" HOLE F/3304' TO 3487' (DRLD 143' @ 70.15 FPH). TWO PUMPS AT 100 SPM (836 GPM) AT 1925 PSI AND 60 RPM, 5 TO 25K WOB. PRESSURE TEST AIR LINES TO 2200'. HAD 2 INCREASES IN FLOWS AT 3460 AND 3465'. CAME RIGHT BACK TO NORMAL FLOW.
	08:15 - 08:30	0.25	D	06		LUBRICATE RIG AND FLOW CHECK. PU STRING FLOAT AND ROTATING RUBBER.
	08:30 - 10:30	2.00	D	03		DRLD 12 1/4" HOLE F/3487' TO 3582' (DRLD 95' @ 47.5 FPH). TWO PUMPS AT 100 SPM (836 GPM) AT 1900 PSI AND 60 RPM, 15 TO 25K WOB.
	10:30 - 17:30	7.00	D	03		DRLD W/ AIREATED WATER 12 1/4" HOLE F/3582' TO 4076' (DRLD 494' @ 70.57 FPH). 1400 CFM AIR, TWO PUMPS AT 100 SPM (836 GPM) AT 1800 TO 1875 PSI AND 60 RPM, 15 TO 25K WOB. SLIDE 3774' TO 3794' AND 4052 TO 4076'
	17:30 - 18:00	0.50	D	05		ACCUMULATED CONNECTION AND SURVEY TIME
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING ON AIR DRILLING.
	18:15 - 22:00	3.75	D	03		DRLD W/ AIREATED WATER 12 1/4" HOLE F/4076' TO 4334' (DRLD 258' @ 68.80 FPH). 1400 CFM AIR, TWO PUMPS AT 100 SPM (836 GPM) AT 1850 TO 2030 PSI AND 60 RPM, 15 TO 25K WOB.
	22:00 - 22:15	0.25	D	06		RIG SERVICE. FUNCTION LOWER PIPE RAMS.
	22:15 - 22:30	0.25	D	05		ACCUMULATED CONNECTION AND SURVEY TIME.
	22:30 - 00:00	1.50	D	03		DRLD W/ AIREATED WATER 12 1/4" HOLE F/4334' TO 4428' (DRLD 94' @ 62.66 FPH). 1000 CFM AIR, TWO PUMPS AT 100 SPM (836 GPM) AT 1850 TO 2030 PSI AND 60 RPM, 15 TO 25K WOB.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON OPERATING MAN LIFT.
	00:15 - 04:15	4.00	D	03		DRLD W/ AIREATED WATER 12 1/4" HOLE F/4428' TO 4707' (DRLD 279' @ 69.75 FPH). 1050 CFM AIR, TWO PUMPS AT 100 SPM (836 GPM) AT 1950 TO 2030 PSI AND 60 RPM, 15 TO 25K WOB.
	04:15 - 04:45	0.50	D	06		RIG SERVICE. REPAIR FLOW SENSOR GASKET ON FLOW LINE.
04:45 - 05:45	1.00	D	03		DRLD W/ AIREATED WATER 12 1/4" HOLE F/4707' TO 4801' (DRLD 94' @ 94.00 FPH). 1200 CFM AIR, TWO PUMPS AT 100 SPM (836 GPM) AT 1950 TO 2030 PSI AND 60 RPM, 15 TO 25K WOB.	
3/9/2010	05:45 - 06:00	0.25	D	05		ACCUMULATED CONNECTION AND SURVEY TIME.
	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, OPERATIONS AFTER TD AND PREPARING FOR THEM AND THE NEXT SECTION OF HOLE.
	06:15 - 12:00	5.75	D	03		DRLD W/ AIREATED WATER 12 1/4" HOLE F/4801' TO 5082' (DRLD 281' @ 48.87 FPH). 1200 CFM AIR, ECD 6.48, TWO PUMPS AT 100 SPM (836 GPM) AT 1950 TO 2020 PSI AND 60 RPM, 15 TO 25K WOB.
	12:00 - 13:00	1.00	D	05		ACCUMULATED SURVEY AND CONNECTION TIME
	13:00 - 13:15	0.25	D	06		LUBRICATE RIG, FUNCTION LPR 7 SEC TO CLOSE.
	13:15 - 18:00	4.75	D	03		DRLD W/ AIREATED WATER 12 1/4" HOLE F/5082' TO 5305' (DRLD 223' @ 46.95 FPH). 1200 CFM AIR, ECD 6.48, TWO PUMPS AT 100 SPM (836 GPM) AT 1970 TO 2130 PSI AND 60 RPM, 15 TO 25K WOB.



EL PASO PRODUCTION Operations Summary Report

Legal Well Name:	MEEKS 3-32A4		
Common Well Name:	MEEKS 3-32A4	Spud Date:	1/22/2010
Event Name:	DRILLING	Start:	11/12/2009
Contractor Name:		Rig Release:	End:
Rig Name:		Rig Number:	Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/9/2010	18:00 - 18:15	0.25	D	18		CREW CHANGE & SAFETY MEETING TRIPPING OUT OF HOLE. CIRCULATE BOTTOMS UP 2X AND MAKE SURE HOLE IS CLEAN. POOH TO 733'. WIPER RUN. CREW CHANGE AND SAFETY MEETING ON SLIPPING AND CUTTING DRILL LINE. CUT AND SLIP DRILL LINE. TIH TO 5169' (WIPER TRIP). RIG REPAIRS. TOP DRIVE DOWN. CREW CHANGE AND SAFETY MEETING, REPAIR TOP DRIVE, HOT WORK PERMIT
	18:15 - 20:15	2.00	D	08		
	20:15 - 00:00	3.75	D	04		
	00:00 - 00:15	0.25	D	18		
	00:15 - 01:30	1.25	D	06		
	01:30 - 03:45	2.25	D	04		
3/10/2010	03:45 - 06:00	2.25	DT	60		REPAIR TOP DRIVE AND #1 PUMP SUCTION. RUNNING ONE PUMP AND 300 CFM AIR, PIT VOLUME INCREASED. SHUT OFF ALL AIR WHILE WAITING ON PUMP REPAIR AT 9:30 AM.
	06:00 - 06:15	0.25	D	18		LUBRICATE RIG
	06:15 - 11:15	5.00	DT	60		CONTINUE RI RH.
	11:15 - 11:30	0.25	D	06		CIRCULATE BOTTOMS UP TWICE WITH 2 PUMPS AT 100 SPM EACH OR 835 GPM AND 2020 PSI. LOST ABOUT 4" OF WATER IN THE PIT DURING CIRCULATION. NO AIR.
	11:30 - 12:15	0.75	D	04		, FLOW CHECK TWICE AND PULL ROTATING RUBBER, LAY DOWN ALL BHA FROM 9" COLLARS TO BIT.
	12:15 - 14:30	2.25	D	08		CREW CHANGE AND SAFETY MEETING ON LD BHA.
	14:30 - 18:00	3.50	D	04		FINISH LAYING DOWN BHA.
	18:00 - 18:15	0.25	D	18		SERVICE RIG.
	18:15 - 19:30	1.25	D	04		PULL WEAR BUSHING. 100K TO PULL WEAR BUSHING (CALLED WEATHERFORD ON HOW MUCH TO PULL).
	19:30 - 20:00	0.50	D	06		SAFETY MEETING WITH TESCO ON RIGGING UP TESCO.
	20:00 - 22:30	2.50	D	18		RIG UP TESCO EQUIPMENT.
	22:30 - 22:45	0.25	D	18		SAFETY MEETING WITH TESCO ON RUNNING CASING.
	22:45 - 00:00	1.25	D	12		SERVICE RIG.
	00:00 - 00:15	0.25	D	18		PU & MAKE UP GUIDE SHOE JOINT. GUIDE SHOE NOSE END FELL OFF. CALLED DAVIS & LYNCH (TROY MURRY) TO BRING A 9 5/8" 40# GUIDE SHOE.
	00:15 - 00:30	0.25	D	06		SAFETY MEETING ON LD SHOE JOINT.
00:30 - 01:00	0.50	D	12		LD GUIDE SHOE JOINT & SHOE.	
3/11/2010	01:00 - 01:15	0.25	D	18		PU & RUN 9 5/8" CASING.
	01:15 - 02:00	0.75	DT	18		CREW CHANGE AND SAFETY MEETING. RUNNING CASING AND LIFTING STACK TO SET SLIPS
	02:00 - 06:00	4.00	D	12		CONTINUED RUNNING 9 5/8" 40# N-80 LT& C CASING TO 5305', CENTRILIZERS ON EVERY 3RD COLLAR. FILL ON THE FLY, CIRCULATE THE LAST 3 JOINTS TO BOTTOM.
	06:00 - 06:15	0.25	D	18		CIRCULATE WITH WATER. HAD RETURNS FOR AWHILE BUT LOST THEM. STOP TO USE AERIATED FLUID WHEN PIT GETTING LOW.
	06:15 - 12:30	6.25	D	12		CHANGE FINAL JOINT SO CEMENTERS ARE CLOSER TO THE FLOOR. (SAFETY) RD TESCO CASERS. RIG UP CEMENT HEAD W/ PLUG INSTALLED TO CIRCULATE WITH AIREATED WATER.
	12:30 - 14:00	1.50	D	12		SAFETY MEETING WITH ALL ON LOCATION ON PROCEDURE.
	14:00 - 15:30	1.50	D	12		CIRCULATE AIR AND WATER. START WITH 390 GPM AND 900 SCFM. 640 PSI.
	15:30 - 18:00	2.50	D	08		CREW CHANGE AND SAFETY MEETING. CEMENTING CASING
	18:00 - 18:15	0.25	D	18		LUBRICATE RIG/ FUNCTION HCR AT 8 SEC.
	18:15 - 18:30	0.25	D	06		CIRCULATE WITH AREATED WATER. 650 SCFM, 380 GPM AT 650 PSI. CIRCULATE W/ AERIATED MUD. 785 BBL AT 8.7 PPG AND 43
	18:30 - 21:00	2.50	D	08		



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Spud Date: 1/22/2010
 Start: 11/12/2009 End:
 Rig Release: Group:
 Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/11/2010	18:30 - 21:00	2.50	D	08		VIS AND 10% LCM. PUMPED 40 BBL OF MUD WITH 20 % LCM AND NO AIR.
	21:00 - 00:00	3.00	D	14		CEMENT CASING WITH 20 BBL MUD PUSH, 540 BBL LITE CRETE CEMENT AT 9 PPG, 64 BBL TAIL AT 14.2 PPG. DROP PLUG ON THE FLY AND DISPLACE WITH 398 BBL WATER FORM PIT. BUMP PLUG FROM 500 PSI AT 2 BPM TO 1000 PSI. HOLD AND BLEED OFF. FLOATS HOLDING.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON TOPPING CEMENT AND BREAKING AND LIFTING STACK.
	00:15 - 06:00	5.75	D	14		PULL ROTATING RUBBER AND CEMENT IS FALLING BACK. FLUSH STACK. BREAK STACK AT LOWER MOST FLANGE WOC AND NIPPLE DOWN.
3/12/2010	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, FIRST DAY BACK, NEW HANDS ORIENTATION
	06:15 - 08:00	1.75	DT	52		SCHLUMBERGER FROZEN UP WAIT TO GET THAWED TO PREFORM TOP OUT.
	08:00 - 09:45	1.75	D	14		SAFETY MEETING ON CEMENTING TOP JOB, MIX 180 SX CLASS G WITH 2% CACL2, PUMP 18.5 BBL SLURRY TO FILL ANNULUS. (APPROXIMETLY 100 SX, APPROX 250') WAIT 15 MINUTES. CHECK FOR DROP, NONE, WASH UP AND FLUSH STACK. RIG DOWN SCHLUMBERGER
	09:45 - 18:00	8.25	D	10		RIG UP LIFT WENCHES, BREAK LOWER ROW OF BOLTS, PU STACK, SET SLIPS WITH 160K. ROUGH CUT CASING, FINISH CUT, SET STACK, TIGHTEN BOLTS. RIG DOWN WENCHES, RUN PACKOFF THROUGH STACK. CHANGE BALES BACK ON TOP DRIVE.
	18:00 - 03:00	9.00	DT	67		RUNNING WEATHERFORD PACKOFF TOOL. FIRST PACKOFF TOOL WOULDN'T GO OVER 9 5/8" CASING WORKED IT SEVERAL TIMES WITH NO LUCK. SECOND PACKOFF TOOL WOULD SLIDE OVER 9 5/8" CASING. BUT WOULDN'T GO ALL THE WAY ON WORKED IT SEVERAL TIMES WITH NO LUCK. TOP OF SLIPS WERE CLEAN (WE COULD SEE THEM WITH A LIGHT) BUT FLUSHED TOP OF SLIPS WITH WATER SEVERAL TIMES PER WEATHERFORDS REQUEST. WEATHERFORD EMPLOYEES ON LOCATION ARE CHRIS, JERAMIE AND TRAVIS (AREA MANAGER).
3/13/2010	06:00 - 06:15	0.25	D	18		TRAVIS WITH WEATHERFORD HAD JERAMIE TAKE PACKOFF TOOL TO MACHINE SHOP TO MACHINE PACKOFF TOOL TO FIT. TRAVIS SAID IT WOULD NOT EFFECT THE INTEGRITY OF THE PACKOFF TOOL. WEATHERFORD EMPLOYEES ON LOCATION ARE CHRIS, JERAMIE AND TRAVIS (AREA MANAGER). WAITING ON WEATHERFORD.
	06:15 - 09:30	3.25	DT	53		CREW CHANGE AND SAFETY MEETING, SETTING WELLHEAD PACKOFF, PICKING UP BHA.
	09:30 - 13:30	4.00	D	09		WAITING ON WEATHERFORD PACKOFF TO RETURN FROM MACHINE SHOP. RU AND RIH WITH PACKOFF. THIS TIME PACKOFF DID SEAT. OFF DOWN TIME. TESTED THE CONNECTION ON THE CHOKE LINE THAT WE BROKE TO RAISE STACK. TEST TO 5K PSI FOR 10 MINUTES. SCREW IN LOCK DOWNS AND PUMP FULL WITH SILICONE, TEST PACKOFF AND FLANGE TO 5K PSI 10 min. TEST CASING TO 1500 PSI FOR 30 MINUTES. WEAR RING WAS NOT RUN BECAUSE OF THE CONDITION OF THE WEAR RING AND RUNNING TOOL ON LOCATION. SENT IT BACK WITH REP AND ASKED TO BE



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
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Spud Date: 1/22/2010
 Start: 11/12/2009 End:
 Rig Release: Group:
 Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/13/2010	09:30 - 13:30	4.00	D	09		REPLACED SOON. WE WILL INSTALL IT ON FIRST TRIP.
	13:30 - 16:30	3.00	D	04		PU 8 3/4" BHA, EM MWD, TORQUE BUSTER AND SHOCKSUB. RIH TO 988'.
	16:30 - 18:00	1.50	DT	60		TROUBLE WITH TOP DRIVE BREAKING OUT OF A JOINT OF DRILL PIPE WHEN ADJUSTING PERAMITERS FOR 5" DRILL PIPE.
	18:00 - 18:15	0.25	D	18		CREW CHANGE & SAFETY MEETING ON WEEKEND AWRENESS.
	18:15 - 21:30	3.25	D	04		RIH TO 5170'. TAGGED CEMENT STRINGERS AT 5170'. BREAK CIRCULATION.
	21:30 - 23:45	2.25	D	13		DRILL CEMENT F/5170' TO 5305'.
	23:45 - 00:00	0.25	D	03		DRILLED F/5305' TO 5313' (DRLD 8' @ 32 FPH).
	00:00 - 00:15	0.25	D	18		SAFETY MEETING WITH WEATHERFORD ON F.I.T. TEST.
	00:15 - 01:45	1.50	D	09		F.I.T. TEST. 12.02 MUD WT. 3321 FORMATION PRESSURE. LEAKOFF GRAD .625 PSI/FT.
	01:45 - 06:00	4.25	D	03		DRILL F/5313' TO 5457' (DRLD 144' @ 33.88 FPH).
3/14/2010	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, DRILLING AHEAD W/ 90' MOUSE HOLE.
	06:15 - 07:00	0.75	D	03		DRILL F/ 5457' TO 5486'. (DRLD 31' @ 31'/HR FPH). 110 SPM AND 1050 PSI
	07:00 - 07:15	0.25	D	06		LUBRICATE RIG FUNCTION ANNULAR 24 SEC T/ CLOSE, BOP DRILL
	07:15 - 08:15	1.00	D	05		ACCUMULATED SURVEY AND CONNECTION TIME
	08:15 - 18:00	9.75	D	03		DRILL F/ 5486' TO 6020'. (DRLD 534' @ 50.86'/HR FPH). (SLIDE 5486' TO 5501', 5670 to 5677', 5764' to 5769', 5859 TO 5871', 5952 TO 5969') 115 SPM AND 1500 PSI 50 RPM 12 TO 15 K WOB. LOSSES OF 20 BBL/HR.
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING ON DRIVING TO AND FROM LOCATION.
	18:15 - 20:30	2.25	D	03		DRLD F/6020' TO 6138' (DRLD 118' @ 52.44 FPH). SLIDE F/6044' TO 6052'. 119 SPM, 494 GPM, 1474 PSI, 12 TO 15K WOB.
	20:30 - 20:45	0.25	D	06		SERVICE RIG. FUNCTION UPPER PIPE RAMS 7 SEC.
	20:45 - 21:45	1.00	D	05		ACCUMULATED SURVEYS AND CONNECTION TIME.
	21:45 - 00:00	2.25	D	03		DRLD F/6138' TO 6250' (DRLD 112' @ 49.78 FPH). 119 SPM, 494 GPM, 1405 PSI, 12 TO 15K WOB.
3/15/2010	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON RELEASING TRAPPED TORQUE.
	00:15 - 04:15	4.00	D	03		DRLD F/6250' TO 6327' (DRLD 77' @ 19.25 FPH). 119 SPM, 494 GPM, 1380 PSI, 12 TO 15K WOB.
	04:15 - 04:30	0.25	D	06		SERVICE RIG.
	04:30 - 04:45	0.25	D	05		ACCUMULATED SURVEYS AND CONNECTIONS.
	04:45 - 06:00	1.25	D	03		DRLD F/6327' TO 6357' (DRLD 30.00' @ 24.00 FPH). 119 SPM, 494 GPM, 1394 PSI, 12 TO 16K WOB.
	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, WEATHER,
	06:15 - 10:45	4.50	D	03		DRLD F/6357' TO 6423' (DRLD 66' @ 16.5 FPH). 120 SPM, 498 GPM, 1390 PSI, 15 TO 16K WOB. 8.4 WATER
	10:45 - 11:00	0.25	D	06		LUBRICATE RIG, FUNCTION UPR 7 SEC T/ CLOSE
	11:00 - 12:30	1.50	D	05		ACCUMULATED SURVET AND CONNECTION TIME
	12:30 - 18:00	5.50	D	03		DRLD F/6423' TO 6520' (DRLD 97' @ 17.63 FPH). 120 SPM, 498 GPM, 1390 PSI, 15 TO 17K WOB. 8.4 WATER
3/15/2010	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING ON USE OF STINGER ON LOADER.
	18:15 - 22:45	4.50	D	03		DRLD F/6520' TO 6608' (DRLD 88' @ 19.56 FPH). 119 SPM, 494 GPM, 1405 PSI, 12 TO 17K WOB, 8.4 WATER.
	22:45 - 23:00	0.25	D	06		SERVICE RIG. FUNCTION ANNULAR 28 SEC.
	23:00 - 23:30	0.50	D	05		ACCUMULATED SURVEYS AND CONNECTION TIME.



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
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 Contractor Name:
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Start: 11/12/2009
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 Rig Number:

Spud Date: 1/22/2010
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/15/2010	23:30 - 00:00	0.50	D	03		DRLD F/6608' TO 6615' (DRLD 7' @ 14.00 FPH). 119 SPM, 494 GPM, 1405 PSI, 12 TO 17K WOB, 8.4 WATER.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON MIXING MUD & HOUSE KEEPING.
	00:15 - 04:15	4.00	D	03		DRLD F/6615' TO 6677' (DRLD 62' @ 15.50 FPH). 120 SPM, 497 GPM, 1429 PSI, 12 TO 17K WOB, 8.4 WATER.
	04:15 - 04:30	0.25	D	06		SERVICE RIG FUNCTION UPPER PIPE RAMS FOR 6 SEC.
	04:30 - 06:00	1.50	D	03		DRLD F/6677' TO 6695' (DRLD 18' @ 12.00 FPH). 120 SPM, 497 GPM, 1429 PSI, 12 TO 17K WOB, 8.4 WATER.
3/16/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING TRIPPING & SETTING SLIPS
	06:15 - 08:00	1.75	D	03		DRILL F/ 6695' - 6722' 15.42' / HR.
	08:00 - 08:30	0.50	D	08		CIRC. BTMS. UP
	08:30 - 11:30	3.00	D	04		POH W/ BIT #3 BIT #3 24 INSERTS BROKEN OR CRACKED
	11:30 - 13:15	1.75	D	04		CHANGE OUT MOTORS PICKED UP 6.5" OD 7/8 LOBE 2.9 STAGE MOTOR SET AT 1.5*
	13:15 - 13:30	0.25	D	06		RIG SER. FUNCTION BLIND RAMS C / O 7 SEC'S
	13:30 - 15:45	2.25	D	04		RIH W/ BIT #4 WASH LAST STD. TO BTM. HAD 6' FILL ON BTM.
	15:45 - 18:00	2.25	D	03		DRILL 8 3/4" HOLE F/6722' TO 6750' (DRLD 28' @ 12.44 FPH). 120 SPM, 497 GPM, 1398 PSI, 2 TO 13K WOB, 8.4 WATER 28 VIS.
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING ON USE OF TONGS.
	18:15 - 21:30	3.25	D	03		DRILL 8 3/4" HOLE F/6750' TO 6796' (DRLD 46' @ 14.15 FPH). 120 SPM, 497 GPM, 1398 PSI, 2 TO 15K WOB, 8.4 WATER 28 VIS.
	21:30 - 21:45	0.25	D	06		SERVICE RIG. FUNCTION UPPER PIPE RAMS 7 SEC.
	21:45 - 22:00	0.25	D	05		ACC. DEVIATION SURVEYS AND CONNECTIONS.
	22:00 - 00:00	2.00	D	03		DRILL 8 3/4" HOLE F/6796' TO 6838' (DRLD 42' @ 21.00 FPH). 120 SPM, 497 GPM, 1398 PSI, 2 TO 15K WOB, 8.4 WATER 28 VIS.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON MOUSE HOLE CONNECTIONS & HOUSE CLEANING.
	00:15 - 03:15	3.00	D	03		DRILL 8 3/4" HOLE F/6838' TO 6891' (DRLD 53' @ 17.66 FPH). 120 SPM, 497 GPM, 1398 PSI, 2 TO 15K WOB, 8.4 WATER 28 VIS.
3/17/2010	03:15 - 03:30	0.25	D	06		RIG SERVICE. FUNCTION LOWER PIPE RAMS 7 SEC.
	03:30 - 03:45	0.25	D	05		ACC. DEVIATION SURVEYS AND CONNECTIONS.
	03:45 - 06:00	2.25	D	03		DRILL 8 3/4" HOLE F/6891' TO 6922' (DRLD 31' @ 13.78 FPH). 120 SPM, 497 GPM, 1398 PSI, 2 TO 15K WOB, 8.4 WATER 28 VIS.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 07:15	1.00	D	03		DRILL 8 3/4" HOLE F/ 6922' - 6932' 10' / HR.
	07:15 - 07:45	0.50	D	08		CIRC. BTMS. UP
	07:45 - 10:30	2.75	D	04		POH W/ BIT #4 TAKE REQUIRED FLOW CK'S
	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	18		SAFETY STAND DOWN (PRECISION SAFETY REP'S FROM GRAND JUNCTION & HOUSTON ALONG WITH ELPASO REP'S FROM DENVER WERE IN ATTENDANCE)
	12:45 - 16:15	3.50	D	04		RIH W/ BIT #5 (SMITH FH28 3X18 JETS) WASH LAST STD. TO BTM.
	16:15 - 18:00	1.75	D	03		DRILL 8 3/4" HOLE F/ 6932' - 6950' 10.28' / HR.
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING ON OPERATING SKATE, MIXING MUD ON TANKS & OPERATING BULK BARITE TRAILER.
18:15 - 22:30	4.25	D	03		DRILL 8 3/4" HOLE F/6950' TO 7072' (DRLD 122' @ 28.70 FPH). 119 SPM, 491 GPM, 1402 PSI, 2 TO 35K WOB, 8.4 WATER 28 VIS.	
22:30 - 22:45	0.25	D	06		SERVICE RIG.	
22:45 - 23:00	0.25	D	05		ACC. DEVIATION SURVEYS AND CONNECTIONS.	
23:00 - 00:00	1.00	D	03		DRILL 8 3/4" HOLE F/7072' TO 7095' (DRLD 23' @ 23.00 FPH). 119	



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Start: 11/12/2009
 Rig Release:
 Rig Number:
 Spud Date: 1/22/2010
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/17/2010	23:00 - 00:00	1.00	D	03		SPM, 491 GPM, 1402 PSI, 2 TO 35K WOB, 8.4 WATER 28 VIS.
	00:00 - 00:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING ON WORKING ON PUMPS.
	00:15 - 02:30	2.25	D	03		DRILL 8 3/4" HOLE F/7095' TO 7167' (DRLD 72' @ 32.00 FPH). 119 SPM, 491 GPM, 1402 PSI, 2 TO 35K WOB, 8.4 WATER 28 VIS.
	02:30 - 02:45	0.25	D	06		RIG SERVICE FUNCTION ANNULAR 28 SEC.
	02:45 - 03:00	0.25	D	05		ACC. DEVIATION SURVEYS AND CONNECTIONS.
	03:00 - 06:00	3.00	D	03		DRILL 8 3/4" HOLE F/7167' TO 7237' (SLIDE F/7167' TO 7183' W/40K ON BIT) (DRLD 70' @ 23.33 FPH). 119 SPM, 491 GPM, 1402 PSI, 2 TO 35K WOB, 8.4 WATER 28 VIS.
3/18/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING PICKING UP DP TO MOUSE HOLE
	06:15 - 16:00	9.75	D	03		DRILL 8 3/4" HOLE F/7237' - 7450' SLIDE F/7354' - 7374'
	16:00 - 16:15	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S
	16:15 - 16:45	0.50	D	05		ACC. SURVEY & CONN. TIME
	16:45 - 18:00	1.25	D	03		DRILL F/7450' - 7474' SLIDE F/7448' - 7473'
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING ON LOCK OUT TAG OUT & AND UNLOADING TUBULARS.
	18:15 - 21:00	2.75	D	03		DRILL 8 3/4" HOLE F/7474' TO 7539' (DRLD 65' @ 23.64 FPH). 120 SPM, 497 GPM, 1463 PSI, 30 TO 35K WOB, 8.4 WATER 28 VIS.
	21:00 - 21:15	0.25	D	06		SERVICE RIG. FUNCTION ANNULAR 27 SEC.
	21:15 - 21:30	0.25	D	05		ACC. SURVEYS & CONNECTION TIME.
	21:30 - 00:00	2.50	D	03		DRILL 8 3/4" HOLE F/7539' TO 7604' (DRLD 65' @ 26.00 FPH). 120 SPM, 497 GPM, 1492 PSI, 30 TO 35K WOB, 8.4 WATER 28 VIS.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON USE OF TONGS.
	00:15 - 01:45	1.50	D	03		DRILL 8 3/4" HOLE F/7604' TO 7644' (DRLD 40' @ 26.66 FPH). 120 SPM, 497 GPM, 1492 PSI, 30 TO 35K WOB, 8.4 WATER 28 VIS.
	01:45 - 02:00	0.25	D	06		SERVICE RIG. FUNCTION UPPER PIPE RAMS.
	02:00 - 02:15	0.25	D	05		ACC. SURVEYS & CONNECTION TIME.
02:15 - 06:00	3.75	D	03		DRILL 8 3/4" HOLE F/7644' TO 7732' (DRLD 88' @ 23.46 FPH). 120 SPM, 497 GPM, 1492 PSI, 30 TO 35K WOB, 8.4 WATER 28 VIS.	
3/19/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 09:30	3.25	D	03		DRILL 8 3/4" HOLE F/7734' - 7822' 27.69' / HR. BGG 35 - 40 UNITS
	09:30 - 09:45	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 24 SEC'S
	09:45 - 10:15	0.50	D	05		ACC. SURVEY & CONNECTION TIME
	10:15 - 18:00	7.75	D	03		DRILL F/7822' - 7940" SLIDE F/7822' - 7838', 7915' - 7938' AT PRESENT HOLE TAKING 35 - 40 BPH PUMPING 10 BBL SWEEP EVERY STD. (5 PPB BRIDGE FINE, 5 PPB BRIDGE MEDIUM, 5 PPB 50-10 SEAL AX WAX, 2 PPB SAWDUST)
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING ON WEEKEND AWARENESS.
	18:15 - 22:00	3.75	D	03		DRILL 8 3/4" HOLE F/7940' TO 8007' (DRLD 67' @ 17.86 FPH). 120 SPM, 497 GPM, 1495 PSI, 30 TO 35K WOB, 8.4 WATER 28 VIS.
	22:00 - 22:15	0.25	D	06		RIG SERVICE. FUNCTION ANNULAR 26 SEC.
	22:15 - 22:30	0.25	D	05		ACC. SURVEYS AND CONNECTION TIME.
	22:30 - 00:00	1.50	D	03		DRILL 8 3/4" HOLE F/8007' TO 8045' (SLIDE F/8007' TO 8027') (DRLD 38' @ 25.33 FPH). 120 SPM, 497 GPM, 1495 PSI, 30 TO 35K WOB, 8.4 WATER 28 VIS.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON HOUSE KEEPING & PAINTING.
	00:15 - 03:15	3.00	D	03		DRILL 8 3/4" HOLE F/8045' TO 8101' (DRLD 56' @ 18.66 FPH). 120 SPM, 497 GPM, 1495 PSI, 30 TO 35K WOB, 8.4 WATER 28 VIS.
	03:15 - 03:30	0.25	D	06		SERVICE RIG. FUNCTION UPPER PIPE RAMS 6 SEC.
	03:30 - 03:45	0.25	D	05		ACC. SURVEYS & DEVIATIONS.
03:45 - 06:00	2.25	D	03		DRILL 8 3/4" HOLE F/8101' TO 8145' (SLIDE F/8101' TO 8133') (DRLD	



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Start: 11/12/2009
 Rig Release:
 Rig Number:

Spud Date: 1/22/2010
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/19/2010	03:45 - 06:00	2.25	D	03		44' @ 19.55 FPH). 120 SPM, 497 GPM, 1550 PSI, 30 TO 42K WOB, 8.4 WATER 28 VIS.
3/20/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING DRIVING CREW TRUCK
	06:15 - 12:15	6.00	D	03		DRILL 83/4" HOLE F/ 8145' - 8290' SLIDE F/ 8197' - 8222' LOOSING 20 BPH TO FORM. PUMP 10 BBL. LCM SWEEP EVERY 2 HRS. BGG 30 - 40 UNITS CONN. GAS 150 UNITS
	12:15 - 12:30	0.25	D	06		RIG.SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	12:30 - 13:00	0.50	D	05		ACC. SURVEY & CONNECTION TIME
	13:00 - 18:00	5.00	D	03		DRILL F/ 8290' - 8440' LOOSING 20 BPH TO FORM. PUMP 10 BBL. LCM SWEEP EVERY 2 HRS. BGG 30 - 40 UNITS CONN. GAS 150 UNITS
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON TRIPPING OUT OF HOLE & PULLING AND SETTING SLIPS.
	18:15 - 19:00	0.75	D	03		DRILL 8 3/4" HOLE F/8440' TO 8460' (DRLD 20' @ 26.66 FPH). 120 SPM, 497 GPM, 1550 PSI, 30 TO 42K WOB, 8.4 WATER 28 VIS.
	19:00 - 20:00	1.00	D	08		CIRCULATE HOLE CLEAN.
	20:00 - 23:45	3.75	D	04		POOH F/8460'.
	23:45 - 00:00	0.25	D	06		SERVICE RIG.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON CHANGING OUT MUD MOTOR.
	00:15 - 03:30	3.25	D	04		LD MUD MOTOR, BIT #5 & MWD BATTERIES. PU BIT #6, NEW MUD MOTOR & MWD BATTERIES.
	03:30 - 03:45	0.25	D	06		SERVICE RIG.
	03:45 - 05:30	1.75	D	04		RIH WITH BIT #6 & BHA #6.
3/21/2010	05:30 - 06:00	0.50	D	06		SLIP & CUT DRILL LINE.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING SLIP & CUT DRILL LINE
	06:15 - 07:30	1.25	D	06		SLIP & CUT DRILL LINE CHANGE DRILL LINE ANCHOR CLAMP
	07:30 - 07:45	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S
	07:45 - 09:00	1.25	D	04		CONT. RIH F/ 5200' - 7541' TAG OBSTRUCTION
	09:00 - 10:45	1.75	D	07		WASH & REAM F/ 7541' - 8460' LIGHT REAMING WORK BIT ON BTM. (INSURE NO JUNK BELOW BIT) HAD 570 UNITS GAS F/ BTMS. UP
	10:45 - 11:30	0.75	D	05		ACC. SURVEY & CONNECTION TIME
	11:30 - 18:00	6.50	D	03		DRILL 83/4" HOLE F/ 8460' - 8644' 28.30' / HR. 20 BPH LOSSES TO FORM. PUMPING 10 BBL. LCM SWEEPS EVERY 2 HRS. BGG 58 UNITS CONNCTRION GAS 541 UNITS
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON USE OF STINGER & OPERATING SKATE.
	18:15 - 23:00	4.75	D	03		DRILL 8 3/4" HOLE F/8644' TO 8767' (SLIDE F/8671' TO 8687') (DRLD 123' @ 25.89 FPH). 120 SPM, 497 GPM, 1400 PSI, 10 TO 14K WOB, 8.4 WATER 28 VIS, 20 BPH LOSSES.
	23:00 - 23:15	0.25	D	06		SERVICE RIG. FUNCTION UPPER PIPE RAMS 7 SEC.
	23:15 - 23:30	0.25	D	05		ACC. SURVEYS & CONNECTION TIME.
	23:30 - 00:00	0.50	D	03		DRILL 8 3/4" HOLE F/8767' TO 8782' (DRLD 15' @ 30.00 FPH). 120 SPM, 497 GPM, 1400 PSI, 10 TO 14K WOB, 8.4 WATER 28 VIS, 20 BPH LOSSES.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON DRIVING TO & FROM WORK & WORKING ON & AROUND BOPS.
00:15 - 02:30	2.25	D	03		DRILL 8 3/4" HOLE F/8782' TO 8860' (DRLD 78' @ 34.67 FPH). 120 SPM, 497 GPM, 1400 PSI, 10 TO 14K WOB, 8.4 WATER 28 VIS, 20 BPH LOSSES.	
02:30 - 02:45	0.25	D	06		RIG SERVICE.	



EL PASO PRODUCTION

Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Spud Date: 1/22/2010
 Start: 11/12/2009 End:
 Rig Release: Group:
 Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/21/2010	02:45 - 03:00	0.25	D	05		ACC. SURVEYS & CONNECTION TIME.
	03:00 - 06:00	3.00	D	03		DRILL 8 3/4" HOLE F/8860' TO 8940' (DRLD 80' @ 26.67 FPH). 120 SPM, 497 GPM, 1400 PSI, 10 TO 14K WOB, 8.4 WATER 28 VIS, 20 BPH LOSSES.
3/22/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING SETTING CROWN SAVER
	06:15 - 13:00	6.75	D	03		DRILL 8 3/4" HOLE F/ 8940' - 9015' 11.11' / HR. SLIDE F/ 8940' - 8974' PENETRATION RATE DROPPED TO 4.7' / HR. BGG 33 UNITS CONN. GAS 287 UNITS DRILLING IN 85% SHALE 15% SAND / SILT STONE
	13:00 - 13:15	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	13:15 - 13:45	0.50	D	05		ACC. SURVEY & CONNECTION TIME
	13:45 - 17:45	4.00	D	04		POH W/ BIT #6 TAKE REQUIRED FLOW CK'S
	17:45 - 18:00	0.25	D	06		SERVICE RIG. BIT & BHA #6 ON THE BANK. FUNCTION BLIND RAMS FOR 8 SEC.
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON TRIPPING.
	18:15 - 23:30	5.25	D	04		PU BIT #7. RIH W/BIT & BHA #7 TO 8764'. WASH F/8764' TO 9015'. NO FILL. FILL PIPE & FLOW CHECK @ 3343', 5128', 8100' & 9015' NO FLOW.
	23:30 - 00:00	0.50	D	06		SERVICE RIG. FUNCTION ANNULAR 28 SEC.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON OPERATING SKATE & MIXING MUD ON TANKS.
	00:15 - 02:00	1.75	D	03		DRILL 8 3/4" HOLE F/9015' TO 9045' (DRLD 30' @ 17.14 FPH). 120 SPM, 497 GPM, 1650 PSI, 105 TO 20K WOB, 8.4 WATER 28 VIS, 20 BPH LOSSES.
	02:00 - 02:15	0.25	D	06		SERVICE RIG.
	02:15 - 02:30	0.25	D	05		ACC. SURVEYS & CONNECTION TIME.
02:30 - 06:00	3.50	D	03		DRILL 8 3/4" HOLE F/9045' TO 9135' (DRLD 90' @ 25.71 FPH). 120 SPM, 497 GPM, 1650 PSI, 105 TO 20K WOB, 8.4 WATER 28 VIS, 20 BPH LOSSES.	
3/23/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING SETTING CROWN SAVER
	06:15 - 16:45	10.50	D	03		DRILL 8 3/4" HOLE F/ 9135' - 9422' 27.33' / HR. SLIDE F/ 9328' - 9349' BGG 58 UNITS CONN. GAS 72 UNITS
	16:45 - 17:00	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	17:00 - 17:30	0.50	D	05		ACC. SURVEY & CONNECTION TIME
	17:30 - 18:00	0.50	D	03		DRILL F/ 9422' - 9434' 24.00 / HR. SLIDE F/ 9422' - 9434' BGG 58 UNITS CONN. GAS 72 UNITS
	18:00 - 18:15	0.25	D	18		CREW CHANGE & SAFTEY MEETING ON SETTING AND PULLING SLIPS.
	18:15 - 21:00	2.75	D	03		DRILL 8 3/4" HOLE F/9434' TO 9516'. SLIDE F/9434' TO 9452' (DRLD 82' @ 29.82 FPH). 120 SPM, 497 GPM, 1750 PSI, 25 TO 35K WOB, 8.4 lb/gal WATER 28 VIS, 20 BPH LOSSES.
	21:00 - 21:15	0.25	D	18		BOP DRILL @ 9516'.
	21:15 - 23:30	2.25	D	03		DRILL 8 3/4" HOLE F/9516' TO 9560' (DRLD 44' @ 19.56 FPH). 120 SPM, 497 GPM, 1750 PSI, 25 TO 35K WOB, 8.6 lb/gal MUD 40 VIS, 20 BPH LOSSES. MUD UP @ 9550'.
	23:30 - 23:45	0.25	D	06		SERVICE RIG. FUNCTION UPPER PIPE RAMS 7 SEC.
23:45 - 00:00	0.25	D	05		ACC. SURVEYS & CONNECTION TIME.	
00:00 - 00:15	0.25	D	18		SAFETY MEETING ON PIPING UP PIPE TO MOUSE HOLE & MIXING CAUSTIC.	
00:15 - 03:45	3.50	D	03		DRILL 8 3/4" HOLE F/9560' TO 9610' (DRLD 50' @ 14.29 FPH). 120 SPM, 497 GPM, 1750 PSI, 25 TO 35K WOB, 8.6 lb/gal MUD 40 VIS, 20	



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Spud Date: 1/22/2010
 Start: 11/12/2009 End:
 Rig Release: Group:
 Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/23/2010	00:15 - 03:45	3.50	D	03		BPH LOSSES. MUD UP @ 9550'.
	03:45 - 04:00	0.25	D	06		SERVICE RIG. FUNCTION ANNULAR 28 SEC.
	04:00 - 04:15	0.25	D	05		ACC. SURVEYS AND CONNECTION TIME.
	04:15 - 06:00	1.75	D	03		DRILL 8 3/4" HOLE F/9610' TO 9632' (DRLD 22' @ 12.57 FPH). 120 SPM, 497 GPM, 1850 PSI, 25 TO 35K WOB, 8.6 lb/gal MUD 40 VIS, 20 BPH LOSSES. MUD UP @ 9550'.
3/24/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING CK. & FUNCTION CROWN SAVER
	06:15 - 11:30	5.25	D	03		DRILL 8 3/4" HOLE F/ 9632' - 9704' 13.71' / HR. BGG 45 - 47 UNITS
	11:30 - 11:45	0.25	D	06		RIG SER. FUNCTION CROWN O Matic INSPECT TOP DRIVE
	11:45 - 12:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	12:00 - 18:00	6.00	D	03		DRILL F/ 9704' - 9767' 10.5' / HR. SLIDE F/ 9704' - 9722' BGG 47 UNITS
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON SETTING CROWN SAVER & USEING STINGER ON FORK LIFT.
	18:15 - 21:00	2.75	D	03		DRILL 8 3/4" HOLE F/9767' TO 9799' (DRLD 32' @ 11.64 FPH). 120 SPM, 497 GPM, 1800 PSI, 30 TO 35K WOB, 8.6 lb/gal MUD 39 VIS.
	21:00 - 21:15	0.25	D	06		SERVICE RIG.
	21:15 - 21:30	0.25	D	05		ACC. SURVEYS & CONNECTION TIME.
	21:30 - 00:00	2.50	D	03		DRILL 8 3/4" HOLE F/9799' TO 9850' (DRLD 51' @ 20.40 FPH). 120 SPM, 497 GPM, 1800 PSI, 30 TO 35K WOB, 8.6 lb/gal MUD 39 VIS.
	00:00 - 00:15	0.25	D	18		DISPLACE HOLE WITH WATER @ 2200 HRS. PUT MUD IN 400 BBL UP RIGHT TANK & IN MUD PITS 1,2,3,4 & 5. DRILLING WITH WATER IN PIT TANK 6. PU 292, DWN 280, ROT 282. SPR: #1 30 SPM @ 229 PSI. #2 30 SPM @ 209 PSI.
	00:15 - 01:30	1.25	D	03		SAFETY MEETING
	01:30 - 02:15	0.75	D	08		DRILL 8 3/4" HOLE F/9850' TO 9880' (DRLD 30' @ 24.00 FPH). 120 SPM, 497 GPM, 1800 PSI, 30 TO 35K WOB, 8.4 lb/gal WATER 27 VIS.
	02:15 - 02:30	0.25	D	06		PU 292, DWN 280, ROT 282. SPR: #1 30 SPM @ 229 PSI. #2 30 SPM @ 209 PSI.
02:30 - 06:00	3.50	D	04		CIRCULATE HOLE. SERVICE RIG. FLOW CHECK NO FLOW. POH F/9880' TO 2062'. TAKE REQUIRED FLOW CHECKS & FILL HOLE EVERY 3000'.	
3/25/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING TRIPPING
	06:15 - 08:15	2.00	D	04		CONT. POH W/ BIT #6 TAKE REQUIRED FLOW CK'S
	08:15 - 09:00	0.75	D	04		CHANGE OUT MUD MOTOR BIT #6 HAS 8 BROKEN INSERTS & #2 CONE VERY LOOSE BIT IS 1/4" UNDER GAUGE
	09:00 - 09:15	0.25	D	06		RIG SER. FUNCTION BLIND RAMS C / O 7 SEC'S
	09:15 - 13:30	4.25	D	04		RIH WITH BIT #7 (FH 30) TO CASG. SHOE
	13:30 - 16:00	2.50	D	18		SLIP & CUT DRILL LINE
	16:00 - 18:00	2.00	D	04		RIH TO 9704'. FILL PIPE @ 7500'.
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON TRIPPING PIPE & MOUSE HOLE CONNECTION.
	18:15 - 19:45	1.50	D	07		WASH & REAM F/9704 TO 9880' (4' OF FILL).
	19:45 - 20:15	0.50	D	03		DRILL 8 3/4" HOLE F/9880' TO 9891' (DRLD 11' @ 22.00 FPH). 120 SPM, 497 GPM, 1572 PSI (OFF BOTTOM), 5 TO 35K WOB, 8.4 lb/gal WATER 27 VIS. SPR: #1 30 SPM @ 181 PSI. #2 30 SPM @ 161 PSI.
	20:15 - 20:30	0.25	D	06		RIG SERVICE. FUNCTION UPPER PIPE RAM 7 SEC.
20:30 - 20:45	0.25	D	05		ACC. SURVEYS & CONNECTION TIME.	
20:45 - 00:00	3.25	D	03		DRILL 8 3/4" HOLE F/9891' TO 9970', SLIDE F/9891' TO 9908' (DRLD 79' @ 24.30 FPH). 120 SPM, 497 GPM, 1620 PSI, 30 TO 35K WOB, 8.4 lb/gal WATER 27 VIS. SPR: #1 30 SPM @ 181 PSI. #2 30 SPM @ 161	



EL PASO PRODUCTION
Operations Summary Report

Legal Well Name: MEEKS 3-32A4
Common Well Name: MEEKS 3-32A4
Event Name: DRILLING
Contractor Name:
Rig Name:

Start: 11/12/2009
Rig Release:
Rig Number:
Spud Date: 1/22/2010
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/25/2010	20:45 - 00:00	3.25	D	03		PSI @ 9891'.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING STAND DOWN FOR 1 HR W/ MIKE PD, JAY PD, DWIGHT, BERNIE, RICK & PD CREW ON FORK LIFT OPERATING.
	00:15 - 00:45	0.50	D	03		DRILL 8 3/4" HOLE F/9970' TO 9985', (DRLD 15' @ 30.00 FPH). 120 SPM, 497 GPM, 1620 PSI, 30 TO 35K WOB, 8.4 lb/gal WATER 27 VIS. SPR: #1 30 SPM @ 181 PSI. #2 30 SPM @ 161 PSI @ 9891'.
	00:45 - 01:00	0.25	D	06		SERVICE RIG.
	01:00 - 01:15	0.25	D	05		ACC. SURVEYS & CONNECTION TIME.
	01:15 - 06:00	4.75	D	03		DRILL 8 3/4" HOLE F/9985' TO 10109', SLIDE F/ 9984' TO 10010' (DRLD 124' @ 26.11 FPH). 120 SPM, 497 GPM, 1773 PSI, 35K WOB, 8.4 lb/gal WATER 27 VIS. SPR: #1 30 SPM @ 181 PSI. #2 30 SPM @ 161 PSI @ 9891'.
3/26/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING LOADER OPERATION
	06:15 - 17:30	11.25	D	03		DRILL 83/4" HOLE F/ 10109' - 10380' 24.08' / HR. SLIDE F/ 10266' - 10291' 10361' - 10380' BGG 70 - 80 UNITS
	17:30 - 17:45	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	17:45 - 18:00	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING INCIDENT REVUES.
	18:15 - 21:45	3.50	D	03		DRILL 83/4" HOLE F/ 10380' - 10455' 21.43' / HR. BGG 45 - 164 UNITS.
	21:45 - 22:00	0.25	D	05		DIRECTIONAL SURVEY AND ACC CONNECTION TIME.
	22:00 - 00:00	2.00	D	03		DRILL 83/4" HOLE F/10455' -10515'. 30' / HR. BGG 39 - 100 UNITS. DRILLING BREAK OF 75'/HR AT 10485'.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING CROWN SAVER, HOUSE KEEPING
	00:15 - 01:45	1.50	D	03		DRILL 83/4" HOLE F/ 10515' - 10550'. 23.33' / HR. BGG 39 - 172 UNITS.
3/27/2010	01:45 - 02:00	0.25	D	05		DIRECTIONAL SURVEY AND ACC CONNECTION TIME.
	02:00 - 06:00	4.00	D	03		DRILL 83/4" HOLE F/ 10550' - 10635'. SLIDE 10550 TO 10585'. 21.25' / HR. BGG 62 - 179 UNITS.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING REVIEWED
	06:15 - 17:30	11.25	D	03		LOADER OPERATIONS DRILL 83/4" HOLE F/ 10635' - 10842' 18.4' / HR. SLIDE F/10645' - 10675' 10739' - 10769' BGG 110 U CONN. GAS 130 U
	17:30 - 17:45	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	17:45 - 18:00	0.25	D	05		ACC. SURVEY & CONNECTION TIME, BOP DRILL 98 SEC
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING NEW LOADER OPERATING POLICIES. MUDDING UP, WEEKEND AWARENESS
	18:15 - 21:45	3.50	D	03		DRILL 83/4" HOLE F/ 10842' - 10928'. 18.54' / HR. BGG 64 U CONN. GAS 185 U
	21:45 - 22:00	0.25	D	05		SURVEY AND CONNECTION TIME
	22:00 - 00:00	2.00	D	05		DRILL 83/4" HOLE F/ 10928' - 10944'. 18.54' / HR. SLIDE F/ 10928' - 10944' BGG 64 U CONN. GAS 85 U
3/28/2010	00:00 - 00:15	0.25	D	18		SAFETY MEETING BOP DRILL 85 SEC. PAINTING, PIPE SCREEN
	00:15 - 04:30	4.25	D	03		DRILL 83/4" HOLE F/ 10944' - 11022'. 18.35' / HR. SLIDE F/ 11020 - 11050' BGG 64 to 260 U CONN. GAS 260 U
	04:30 - 04:45	0.25	D	06		LUBRICATE RIG AND SURVEY TAKE SLOW PUMPS
	04:45 - 06:00	1.25	D	03		DRILL 83/4" HOLE F/ 11022' - 11038. 12.8' / HR. SLIDE F/ 11020 - 11050' BGG 150 U CONN. GAS 260 U
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING WORKING
	06:15 - 17:30	11.25	D	03		AROUND TRUCKS DRILL 83/4" HOLE F/ 11038' - 11215' 15.73' / HR BGG 45 UNITS CONN. GAS 158 UNITS



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Start: 11/12/2009 Spud Date: 1/22/2010
 Rig Release: End:
 Rig Number: Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/28/2010	17:30 - 17:45	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	17:45 - 18:00	0.25	D	05		ACC. SURVEY & CONN. TIME
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING WORKING ON PREMIX AND TRIPPING
	18:15 - 19:30	1.25	D	08		PUMP A 20 BBL SWEEP WITH 2 SX SAWDUST, CIRCULATE HOLE CLEAN FOR TRIP.
	19:30 - 00:00	4.50	D	04		POOH TO 3935', FLOW CHECKS AT 11215, 10733', 6098' 30K OVER PULL AT 10945'. 10K OVER AT 6412'.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING TRIPPING
	00:15 - 03:30	3.25	D	04		CONT POOH 3935 TO SURFACE, FLOW CHECK AT 846', LAY DOWN 1 JT DP, JARS AND MWD, CHECK MOTOR AND LD BIT.
3/29/2010	03:30 - 06:00	2.50	D	04		PU NEW BIT, NEW MWD PROBE AND BATTERIES, SAME BHA. RIH
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING WORKING MONKEY BOARD
	06:15 - 08:45	2.50	D	04		CONT. RIH F/ 895' - 5297'
	08:45 - 09:45	1.00	D	06		SLIP & CUT DRILL LINE ADJUST BRAKES FILL DP & CIRC. WHILE SLIP & CUT
	09:45 - 13:15	3.50	D	04		CONT. RIH F/ 5297' - 11109'
	13:15 - 13:30	0.25	D	07		W&R F/ 11109' - 11215' 5' FILL
	13:30 - 17:45	4.25	D	03		DRILL 83/4" HOLE F/ 11215' - 11280' 15.29' / HR. HAD 1744 UNITS GAS ON BTMS. UP
	17:45 - 18:00	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 24 SEC'S
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING DRILLING WITH 90' MOUSE HOLE
	18:15 - 00:00	5.75	D	03		DRILL 83/4" HOLE F/ 11280' - 11370' 15.65' / HR. SLIDE 11302 TO 11332' GAS PEAK AT 11300' 875 U CONN 302 U. BGG 87U
3/30/2010	00:00 - 00:15	0.25	D	18		SAFETY MEETING, TIE OFF CLEANING BOP, TOP DRIVE PINCH POINTS, MIXING ON MUD TANKS
	00:15 - 06:00	5.75	D	03		DRILL 83/4" HOLE F/ 11370' - 11460' 15.29' / HR. SLIDE 11395' TO 11430' BGG 102 U CONN 312 U.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 17:30	11.25	D	03		DRILL 83/4" HOLE F/ 11460' - 11604' 12.8' / HR. SLIDE F/ 11489' - 11519' 11535' - 11563' BGG 95 UNITS
	17:30 - 17:45	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S
	17:45 - 18:00	0.25	D	05		ACC. SURVEY & CONN. TIME
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, OPERATING LOADER
	18:15 - 19:15	1.00	D	03		DRILL 83/4" HOLE F/ 11604' - 11623' 19' / HR. SLIDE F/ 11604' - 11623' BGG 95 UNITS CONN 275 U
	19:15 - 19:30	0.25	DT	60		SHUT DOWN RIG TO CHANGE OUT CHARGE BREAKER GEN #3 IN SCR HOUSE. PU OFF BOTTOM, CAN'T CIRCULATE OR ROTATE.
	19:30 - 19:45	0.25	D	06		LUBRICATE RIG
	19:45 - 00:00	4.25	D	03		DRILL 83/4" HOLE F/ 11623' - 11688'. 15.29' / HR. SLIDE F/ 11604' - 11623' BGG 95 UNITS CONN 712 U. START DISPLACING HOLE WITH MUD AT 11677' PEAK FROM DRILLING BREAK AT 11655 WAS 833 U, SAMPLE CALCITIC SANDSTONE
	00:00 - 00:15	0.25	D	18		SAFETY MEETING COLLAR CLAMP INSPECTION, HOUSE KEEPING, DRIVE TO WORK
	00:15 - 06:00	5.75	D	03		DRILL 83/4" HOLE F/ 11688' - 11740'. 9.04' / HR. SLIDE F/ 11708' - 11726' BGG 95 UNITS CONN 293 U. DISPLACE HOLE TO MUD. EXPERIENCING LOSSES. PUMP SWEEPS AND BYPASS SHAKERS AFTER MUD UP BGG 45 U.
3/31/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING FUNCTION CROWN SAVER



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Start: 11/12/2009
 Rig Release:
 Rig Number:

Spud Date: 1/22/2010
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
3/31/2010	06:15 - 17:00	10.75	D	03		DRILL 83/4" HOLE F/ 11740 - 11825' 7.90' / . BY PASSING SHAKERS SLIDE F/ 11770' - 11800' VERY MINOR LOSSES AT PRESENT 10% LCM IN MUD SYSTEM	
	17:00 - 17:15	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 24 SEC'S	
	17:15 - 17:45	0.50	D	05		ACC. SURVEY & CONNECTION TIME	
	17:45 - 18:00	0.25	D	08		CIRC. BTMS. UP BGG 45 U	
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, TRIPPING IN THE WIND, STRAP TO BE DEFERRED TO NEXT TRIP OUT AFTER SHORT TRIP. DISCUSSED SAFETY ACTIONS NEEDED TO MITIGATE THE WIND EFFECT DURING TRIPPING.	
	18:15 - 18:45	0.50	D	08		CIRCULATE BOTTOMS UP. MW 9.0 PPG, VIS 40+ BGG 45 U	
	18:45 - 00:00	5.25	D	04		SHORT TRIP TO SHOE OF CASING, FLOW CHECKS AT 11382', 8075' AND 5252'. PULL 5 STANDS AND PUMP SLUG. RIH TO 8239'. NO DRAG ON TRIP OUT.	
	00:00 - 00:15	0.25	D	18		SAFETY MEETING, TRIP IN HOLE.	
	00:15 - 01:15	1.00	D	04		FILL DP AT 8239'. RIH TO 11588'. HOLE DISPLACED PROPERLY.	
	01:15 - 02:30	1.25	D	07		FILL DRILL PIPE AND BREAK CIRCULATION AT 11588'. WASH AND REAM TO BOTTOM 11825'.	
	02:30 - 04:30	2.00	D	08		CIRCULATE BOTTOMS UP TWICE AND CONDITION MUD TO 9 PPG AND 45 VIS. BGG 40 U CONN 99 U	
	04:30 - 06:00	1.50	D	04		POOH FOR LOGS. PULL 5 STANDS, CHECK FLOW AND PUMP SLUG. POOH TO LOG	
	4/1/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING PULLING & SETTING SLIPS
		06:15 - 13:00	6.75	D	04		CONT. POH F/ 11366' TAKE REQUIRED FLOW CK'S (MEASURE OUT)
13:00 - 14:30		1.50	D	04		LAY DOWN DIRECTIONAL TOOLS	
14:30 - 14:45		0.25	D	18		SAFETY MEETING W/ HALLIBURTON WIRELINE SER.	
14:45 - 15:00		0.25	D	06		RIG SER. FUNCTION BLIND RAMS C / O 7 SEC'S	
15:00 - 18:00		3.00	D	11		RIG UP HALLIBURTON WIRELINE, RIH. AT 7400'.	
18:00 - 18:15		0.25	D	18		CREW CHANGE AND SAFETY MEETING, MAINTENANCE OF RIG DURING LOGGING, LOGGING WIRELINE ACROSS FLOOR AND IN SCHEVE.	
18:15 - 23:00		4.75	D	11		WIRELINE TD 11819'. LOG WITH TRIPLE COMBO IN OPEN HOLE, GR/NEUTRON TO SURFACE. RIG DOWN LOGGERS. RIG CHECKING DRAWWORKS AND TRACTION MOTORS DURING LOGGING.	
23:00 - 00:00		1.00	D	04		PREPARE FLOOR, CHANGE OUT SPINNERS, TALLEY BHA,	
00:00 - 00:15		0.25	D	18		SAFETY MEETING TRIPPING IN	
00:15 - 03:30	3.25	D	04		MAKE UP BHA, BIT, JUNK SUB, BIT SUB, 6 DC, JARS , 8 DC'S 6 HWDP. RIH TO 5192'. FILL PIPE. BREAK CIRCULATION		
4/2/2010	03:30 - 04:15	0.75	D	06		SLIP AND CUT DRILLING LINE.	
	04:15 - 06:00	1.75	D	04		CONTINUE RIH 5192'. TO FILL DP AT	
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING OPERATING PIPE SKATE	
	06:15 - 07:45	1.50	D	04		CONT. TRIP IN HOLE F/ 10585' - 11743'	
	07:45 - 08:45	1.00	D	07		WASH & REAM F/ 11743' - 11825' WORK BIT & JUNK SUB ON BTM. TRIP GAS 66 UNITS BGG 35 UNITS	
	08:45 - 10:15	1.50	D	08		CIRC.COND. HOLE	
	10:15 - 18:00	7.75	D	04		POH 5 STDS PULL ROTATING HEAD FLOW CK. PUMP TRIP PILL POH LAYING DOWN DP to 4243'.	
18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, LDDP AND BHA, SKATE USE,		



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Spud Date: 1/22/2010
 Start: 11/12/2009 End:
 Rig Release: Group:
 Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/2/2010	18:15 - 00:00	5.75	D	04		CONTINUE TO LDDP, RUN 6 STANDS FROM DERRICK IN AND LAY THEM DOWN. LAY DOWN BHA. ONLY SHALE IN JUNK SUB. SAFETY MEETING, CLEAR FLOOR PRIOR TO RIGGING UP TO RUNNING CASING. REMOVING SHORT BALES. SAFETY MEETING ON RIGGING UP TESCO RUNNING TOOL. RIG UP TESCO CASING RUNNING TOOL. RUN 7" CASING. FLOAT SHOE, 1 JT, FLOAT COLLAR, CASING. THREAD LOCK TO ABOVE FLOAT COLLAR, CENTRILIZER ONE EACH OF FIRST 3 JOINTS WITH STOP COLLAR IN MIDDLE OF JOINT. 1 CENTRILIZER EACH THIRD JOINT OVER THE COLLAR. PUMP THROUGH FLOAT EQUIPMENT AT 3RD JOINT. FILL CASING EVERY 3 JOINTS.
	00:00 - 00:15	0.25	D	06		
	00:15 - 00:30	0.25	D	18		
	00:30 - 03:00	2.50	D	12		
	03:00 - 06:00	3.00	D	12		
4/3/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 11:00	4.75	D	12		CONT. RUNNING 7" CASG. F/ 1269' - 5252'
	11:00 - 12:00	1.00	D	08		CIRC. BTMS. UP
	12:00 - 16:00	4.00	D	12		CONT. RUNNING 7" CASG. F/ 5252' - 8401' DID NOT START TAKING WT. BUT DISPLACEMENT STARTED DROPPING OFF
	16:00 - 18:00	2.00	DT	57		FILL CASG. ATTEMPT TO BRK. CIRC. HAD VERY SLIGHT RETURNS CONT. CIRC. AT 35 SPM (150 GPM) INCREASING LCM CONTENT FROM 10% TO 25% AFTER 2 HRS. STARTED REGAINING SLIGHT CIRC.
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, RUNNING CASING AND MIXING LCM
	18:15 - 20:00	1.75	D	12		CONTINUE RUNNING 7" CASING 8401 TO 9634'. NO DISPLACEMENT WHILE RUNNING.
	20:00 - 21:30	1.50	DT	57		CIRCULATE CASING WITH 25% LCM IN 9 PPG MUD. WORK PIPE, SLIGHT RETURNS WHILE PULLING PIPE.
	21:30 - 00:30	3.00	DT	57		SAFETY MEETING ON WEEKEND HOLIDAY AND RUNNING CASING, CONTINUE TO RUN CASING 9634' TO 11770'.
	00:30 - 01:45	1.25	DT	57		WASH JT# 259 DOWN, PARTIAL RETURNS. WORK PIPE AND BUILD PUMP RATE TO 240 GPM.
	01:45 - 02:15	0.50	D	04		PU JOINT #260, WASH TO BOTTOM, PU JOINT # 261 WASH 11826'. LOSING VERY LITTLE RETURNS.
	02:15 - 04:30	2.25	D	08		CIRCULATE BOTTOMS UP TWICE MW 9.0 PPG LCM 25% VIS 46, PUMP RATE 250 GPM AT 650 PSI. WORK PIPE 327K UP, 256 DOWN.
	04:30 - 06:00	1.50	D	12		LAY DOWN 2 JTS CASING, PU LANDING JOINT. TORQUE UP WITH TONGS AND GAGE. CENTER STACK.
4/4/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING RUNNING & CMT'G CASG. RAN 256 JTS. 7" 29# P110 LT&C CASG. LENGTH WITH FLOAT EQUIP. CASG. HANGER & LANDING JT. 11816.75'
	06:15 - 07:30	1.25	D	12		FINISH RIGGING OUT TESCO PICK UP 16" BAILS & 350T ELEVATORS
	07:30 - 09:45	2.25	D	12		RIG IN CMT. HEAD CONT. CIRCULATING HOLD SAFETY MEETING RIG IN SCHLUMBERGER
	09:45 - 13:30	3.75	D	14		CMT'D CASG. WITH 20BBLs. 10.5 PPG MUD PUSH II FOLLOWED BY 475 SX (309 BBLs.) 11.0 PPG + 2 PPB CemNet EXTENDED LEAD CMT. FOLLOWED BY 200 SX TAIL (79 BBLs.) 12.5 PPG + 2 PPB CemNet TAIL CMT. (CMT. VOLUMES BASED ON CALIPER LOG PLUS 35% EXCESS) DISPLACED CMT. W/ 436.56 BBLs. 8.4 PPG RESERVE PIT WATER HAD GOOD RETURNS THRU OUT MIXING & FIRST 366 BBLs. OF DISPLACEMENT LAST 70 BBLs. OF DISPLACEMENT RETURNS DROPPED TO NEAR O OVER



EL PASO PRODUCTION
Operations Summary Report

Legal Well Name: MEEKS 3-32A4
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 Event Name: DRILLING
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/4/2010	09:45 - 13:30	3.75	D	14		DISPLACED BY 1.5 BBLS. DID NOT BUMP PLUG BLEAD BACK 1.5 BBLS. FLOATS HELD OK PLUG DOWN @ 1223 HRS. APR. 3 / 2010 SHOE @ 11812' FC @ 11763' CALCULATED CMT. TOP 5105'
	13:30 - 14:00	0.50	D	14		RIG DOWN CEMENTERS
	14:00 - 14:15	0.25	D	09		SAFETY MEETING WITH WELLHEAD COMPANY
	14:15 - 18:00	3.75	D	09		REMOVE LANDING JT. INSTALL SBD PACKOFF PRESS. TEST TO 5K 10 MIN. OK
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, TESTING BOPE AND CHANGING RAMS.
	18:15 - 03:15	9.00	D	09		CHANGING PIPE RAMS AND TESTING CHOKE MANIFOLD TO 300 PSI 5 MIN, 10K PSI 10 MIN.
	03:15 - 05:30	2.25	D	15		CONTINUE TO CHANGE RAMS FOUND CEMENT BEHIND RAMS IN STACK. DOORS OPENED WITH DIFFICULTY AND WERE CLEANED UP AND CHANGED
4/5/2010	05:30 - 06:00	0.50	D	09		PREPARING TO TEST BOPE, PU TEST PLUG
	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING TESTING BOPE, PUTTING BHA AND DP ON RACKS
	06:15 - 18:00	11.75	DT	54		FILL STACK WITH WATER, TEST PLUG LEAKED. RERUN TEST PLUG WITH NEW O RING. PRESSURE TEST TOP RAMS TO 10K PSI. LEAKED AT FLANGE BETWEEN THE DOUBLE AND MUD CROSS. BLEED OFF AND TIGHTEN BOLTS WITH HAMMER AND WRENCH. RETEST. HELD AT 8K BUT LEAKED AT 10K PSI. CHECK TORQUE ON BOLTS WITH WEATHERFORD TORQUE WRENCH. DOOR SEAL LEAKING AT SECOND TEST. OPEN DOOR AND INSTALL NEW SEALS. WEATHERFORD RETORQUED BOLTS WITH ABOUT 1/4 TURN PROGRESS TO MAX TORQUE. RETEST TO 10 K. FLANGE LEAKING AGAIN. TEST BOPE, ALL VALVES, CHOKE LINE, AND RAMS TO 300 LOW 5 MIN AND 10K PSI HIGH 10 MIN, ANNULAR, FLOOR VALVES, TOP DRIVE, KELLY HOSE TO 300 PSI LOW 5 MIN AND 5K PSI HIGH 10 MIN. NIPPLE DOWN FLANGE AND PICK UP BOP TO CHANGE API RING AS WELL AS INSPECT THE GROVE. NO PROBLEM WITH THE GROVE. THE API RING HAD SEVERAL GASHES ON IT. A NEW RING WAS INSTALLED AND SET BACK DOWN AND NIPPLED UP.
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING ON TESTING BOP'S.
	18:15 - 00:00	5.75	DT	54		NIPPLE UP BOP. TORQUE UP FLANGE ON TOP OF SPOOL (BOTTOM OF DOUBLE STACK RIGHT BELOW BLINDS) WITH HYD. TORQUE WRENCH. TIGHTEN DRILLER SIDE BLIND RAM DOOR. TIGHTEN UP C SECTION PACKING NUTS WITH HYD. TORQUE WRENCH. TORQUE BOTTOM FLANGE ON BOTTOM OF PIPE RAMS.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON CHANGING OUT TOP DRIVE QUILL & RESETTING TORQUE.
	00:15 - 06:00	5.75	D	09		TEST BOP. GOOSE NECK ON STAND PIPE PARTED WHILE PUMPING UP FOR 5000 PSI TEST.
4/6/2010	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, CHANGING OUT FAILED GOOSENECK AND FINISHING BOPE TEST.
	06:15 - 14:00	7.75	DT	54		CHANGE SEAL IN DOOR OF BLIND RAMS, TAKE GOOSE NECK OFF STAND PIPE FOR REPAIR, RESET TEST PLUG TO TEST BLIND RAMS. ACCUMULATOR FUNCTION TEST. SUMMARY: TESTED ALL FLOOR VALVE, TOP DRIVE AND UPPER KELLY VALVES TO 5K. TESTED ALL RAMS CHKE AND KILL LINES AND



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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/6/2010	06:15 - 14:00	7.75	DT	54		VALVES TO 300 PSI LOW 10K PSI HIGH. TESTED ANNULAR TO 300 LOW AND 5K PSI HIGH. WILL TEST STAND PIPE TO 4K PSI AFTER REPAIR.
	14:00 - 16:00	2.00	D	09		PRESSURE TEST INTERMEDIATE CASING TO 2500 PSI FOR 30 MINUTES. LAY DOWN TESTING TOOLS.
	16:00 - 16:15	0.25	D	04		SAFETY MEETING AND JSA ON MAKE UP BHA
	16:15 - 18:00	1.75	D	04		MAKE UP BHA #11. BIT, MOTOR W/ SLEEVE STAB, SHOCK SUB, MWD, TBR, 2 DC, TBR, 4 DC, JARS, 12 DC, 9 SWDP. 1000.92' LENGTH.
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING ON PICKING UP BHA.
	18:15 - 21:00	2.75	D	04		PU BHA #11 RIH F/ 127' TO 507'.
	21:00 - 00:00	3.00	DT	60		PRESSURE TEST GOOSE NECK NIPPLE. NIPPLE UP STAND PIPE, GOOSE NECK & KELLY HOSE.
4/7/2010	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON PU DC'S & DRILL PIPE.
	00:15 - 06:00	5.75	D	04		PU BHA #11 & DRILL PIPE RIH F/ 507' TO 4503'. FILL PIPE @ 2601'.
	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, PU DP AND RIH.
	06:15 - 13:15	7.00	D	04		PU DP, RIH FROM 5403'. FILL DP AT 5495', AND 7745'. TALLY PIPE ON RACK. CONTINUE TO RIH TO 10063', FILL PIPE, RIH. TAG UP AT 11519'.
	13:15 - 13:30	0.25	D	06		LUBRICATE RIG FUNCTION UPR @8 SEC.
	13:30 - 15:15	1.75	D	13		DRILL CEMENT STRINGER AND CEMENT FROM 11519' TO 11792'. COULD NOT DETERMINE WHERE THE PLUG WAS AT BUT IT CAME UP 30 MINUTES PRIOR TO WHEN IT WOULD HAVE HAD IT BEEN ON THE FLOAT COLLAR THAT CAME IN AT 11756'. (11762' BY CASING TALLY, 6' DIFFERENCE)
	15:15 - 16:45	1.50	D	08		CIRCULATE THE HOLE TO 9 PPG MUD. AT 11792'
	16:45 - 17:00	0.25	D	13		DRILL CEMENT TO 11812'.
	17:00 - 17:15	0.25	D	13		DRILL 10' OUT OF SHOE. 11812 TO 11822'.
	17:15 - 18:00	0.75	D	08		CIRCULATE AND CONDITION HOLE FOR FIT.
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING ON TESTING STAND PIPE.
	18:15 - 21:00	2.75	D	09		TEST STAND PIPE - LOW 250 PSI HIGH 4000 PSI. F.I.T. TEST TO 4000 PSI, 15.51 MUD WT. 9526 PSI.
	21:00 - 00:00	3.00	D	03		DRILL 6 1/8" HOLE F/11825' TO 11870' (DRLD 45' @ 15.00 FPH). 53 SPM, 225 GPM, 2470 PSI, 5 TO 15K WOB, 8.9 MUD 43 VIS. BGG 35 UNITS.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON MAKING CONNECTIONS.
00:15 - 01:15	1.00	D	03		DRILL 6 1/8" HOLE F/11870' TO 11888' (DRLD 18' @ 18.00 FPH). 53 SPM, 225 GPM, 2470 PSI, 15K WOB, 8.9 MUD 43 VIS. BGG 35 UNITS.	
01:15 - 01:30	0.25	D	06		LUBRICATE RIG. BOP DRILL 2 MIN.	
01:30 - 06:00	4.50	D	03		DRILL 6 1/8" HOLE F/11888' TO 11965' (DRLD 77' @ 17.11 FPH). 53 SPM, 225 GPM, 2483 PSI, 15K WOB, 8.9 MUD 43 VIS. BGG 35 UNITS.	
4/8/2010	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING
	06:15 - 16:00	9.75	D	03		DRILL 6 1/8" HOLE F/11965' - 12080 (DRLD 115' @ 10.69 FPH). 60 SPM, 250 GPM, 2900 PSI, 15K WOB, 9.0 MUD 43 VIS. BGG 35 UNITS. ACCUMULATED SURVEY AND CONNECTION TIME
	16:00 - 16:15	0.25	D	05		LUBRICATE RIG
	16:15 - 16:30	0.25	D	06		DRILL 6 1/8" HOLE F/12080 - 12110 (DRLD 30' @ 20 FPH). 60 SPM, 250 GPM, 2920 PSI, 18K WOB, 9.0 MUD 43 VIS. BGG 45 UNITS.
	16:30 - 18:00	1.50	D	03		CREW CHANGE. SAFETY MEETING ON DAILY EQUIPMENT REPAIR.
	18:00 - 18:15	0.25	D	18		DRILL 6 1/8" HOLE F/12110' TO 12175' (DRLD 65' @ 11.30 FPH). 59 SPM, 245 GPM, 2962 PSI, 18K WOB, 9.0 MUD 43 VIS. BGG 45 UNITS.
	18:15 - 00:00	5.75	D	03		SERVICE RIG. SAFETY MEETING ON EQUIPMENT INSPECTION.
00:00 - 00:15	0.25	D	06			



Operations Summary Report

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Spud Date: 1/22/2010
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/8/2010	00:15 - 06:00	5.75	D	03		DRILL 6 1/8" HOLE F/12175' TO 12265' (DRLD 90' @ 15.65 FPH). 59 SPM, 245 GPM, 2962 PSI, 18K WOB, 9.0 MUD 43 VIS. BGG 45 UNITS.
4/9/2010	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, 90' MOUSE HOLE CONNECTIONS AND DRILLING.
	06:15 - 11:00	4.75	D	03		DRILL 6 1/8" HOLE F/ 12265' - 12366' (DRLD 101' @ 21.26 FPH). 59 SPM, 245 GPM, 2920 PSI, 18K WOB, 9.0 MUD 43 VIS. BGG 45 UNITS.
	11:00 - 11:15	0.25	D	06		LUBRICATE RIG BOP DRILL
	11:15 - 13:00	1.75	D	03		DRILL 6 1/8" HOLE F/ 12366' - 12416 (DRLD 47' @ 26.86 FPH). 60 SPM, 245 GPM, 2937 PSI, 18K WOB, 9.0 MUD 43 VIS. BGG 45 UNITS.
	13:00 - 17:30	4.50	D	08		HAD INCREASE IN FLOW FROM 20 % TO 45%. PIT GAINED 9 BBL WHEN PICK UP OFF BOTTOM. SHUT WELL IN DUE TO FLOWING. 22 BBL TOTAL GAIN. SIDP AT 138 INITIAL AND 175 AT 30 MIN. CASING PRESSURE 30 PSI INITIAL AND 75 PSI IN 30 MIN. MIX CALCIUM CARBONITE THROUGH PILL TANK. 9.2 IN 9.0 OUT. INITIAL PUMP PRESSURE 1100 PSI, FINAL AT 84 BBL IN STRING IS 1000 PSI.
	17:30 - 18:00	0.50	D	08		SHUT DOWN PUMPS AND CLOSE IN WELL. NEW DP PRESSURE 630 AND CASING PRESSURE 715PSI. BUILDING MUD WEIGHT TO 9.2 IN PIT 4.
	18:00 - 19:30	1.50	D	08		CIRCULATE GAS KICK OUT. BGG 4719 UNITS.
	19:30 - 19:45	0.25	D	03		DRILL 6 1/8" HOLE F/ 12416' - 12420' (DRLD 4' @ 16.00 FPH). 60 SPM, 245 GPM, 2898 PSI, 17K WOB, 9.2 MUD 41 VIS. BGG 293 UNITS PASON GAS NOT WORKING CALL PASON TO COME AND REPAIR.
	19:45 - 20:30	0.75	DT	06		REPAIR #1 & #2 MUD PUMPS.
	20:30 - 22:45	2.25	D	03		DRILL 6 1/8" HOLE F/ 12420' - 12462' (DRLD 42' @ 18.67 FPH). 59 SPM, 245 GPM, 2961 PSI, 17K WOB, 9.2 MUD 41 VIS. PASON GAS NOT WORKING CALL PASON TO COME AND REPAIR.
	22:45 - 00:00	1.25	DT	06		REPAIR SABER SUB.
	00:00 - 05:30	5.50	D	03		DRILL 6 1/8" HOLE F/ 12462' - ?????? (DRLD ??' @ ?? FPH). 59 SPM, 243 GPM, 2949 PSI, 18K WOB, 9.2 MUD 41 VIS. PASON GAS NOT WORKING CALL PASON TO COME AND REPAIR.
	05:30 - 05:45	0.25	D	06		SERVICE RIG. FUNCTION LOWER PIPE RAMS 9 SEC.
	05:45 - 06:00	0.25	D	05		ACC. CONNECTIONS & SURVEYS.
4/10/2010	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING,
	06:15 - 12:30	6.25	D	03		ACQUIRE SLOW PUMP RATES. DRILL 6 1/8" HOLE F/ 12558' - 12653 (DRLD 95' @ 15.2 FPH). 71 SPM, 246 GPM, 2495 PSI, 18K WOB, 9.4 MUD 41 VIS.
	12:30 - 12:45	0.25	D	06		LUBRICATE RIG, FUNCTION UPR 9 SEC.
	12:45 - 13:15	0.50	D	05		DEVIATION SURVEY AND ACCUMULATED CONNECTION TIME.
	13:15 - 18:00	4.75	D	03		DRILL 6 1/8" HOLE F/ 12653' - 12730' (DRLD 77' @ 16.21 FPH). 85 SPM #1 PUMP, 242 GPM, 3065 PSI, 18K WOB, 9.5 MUD 44 VIS. BGG 575 U, CONNECTION 4200 U SMALL FLARE ON SINGLE.
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON WEEKEND AWARENESS.
	18:15 - 23:30	5.25	D	03		DRILL 6 1/8" HOLE F/ 12730' - 12812' (DRLD 82' @ 15.62 FPH). 59 SPM, 243 GPM, 2949 PSI, 18K WOB, 9.5 MUD 43 VIS. BGG 1100 UNITS AV.
	23:30 - 23:45	0.25	D	06		SERVICE RIG. FUNCTION UPPER PIPE RAMS 8 SEC.
	23:45 - 00:00	0.25	D	05		ACC. SURVEYS & CONNECTIONS.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON HOUSE KEEPING.
00:15 - 05:30	5.25	D	03		DRILL 6 1/8" HOLE F/ 12812' - 12910' (DRLD 98' @ 18.67 FPH). 71 SPM, 247 GPM, 2622 PSI, 18K WOB, 9.5 MUD 43 VIS. BGG 1100 -	



Operations Summary Report

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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/10/2010	00:15 - 05:30	5.25	D	03		1620 UNITS AV.
	05:30 - 05:45	0.25	D	06		SERVICE RIG. FUNCTION UPPER PIPE RAMS.
	05:45 - 06:00	0.25	D	05		ACC. SURVEYS & CONNECTIONS.
4/11/2010	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING, 90' CONNECTIONS AND MIXING MUD.
	06:15 - 07:00	0.75	D	03		DRILL 6 1/8" HOLE F/ 12910' - 12938'. (DRLD 28' @ 37.33 FPH). 71 SPM, 247 GPM, 2700 PSI, 18K WOB, 9.5 MUD 43 VIS. BGG 1635 UNITS.
	07:00 - 07:15	0.25	D	06		LUBRICATE RIG FUNCTION ANNULAR @ 28 SEC.
	07:15 - 07:45	0.50	D	05		DEVIATION SURVEY AND CONNECTION TIME.
	07:45 - 18:00	10.25	D	03		DRILL 6 1/8" HOLE F/ 12938' -13120'.. (DRLD 182' @ 37.33 FPH). 70 SPM #2, 243 GPM, 2675 PSI, 18K WOB, 9.65 MUD 41 VIS. BGG 500 TO 1300 UNITS. SMALL FLARE ALL DAY 2 TO 8'.
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON MOUSE HOLE CONNECTIONS.
	18:15 - 23:30	5.25	D	03		DRILL 6 1/8" HOLE F/ 13120' TO 13202' (DRLD 82' @ 15.62 FPH). 58 SPM #1 PMP, 242 GPM, 3396 PSI, 18K WOB, 9.65 MUD 44 VIS. BGG GOING THROUGH GAS BUSTER 738 UNIT (OUT OF GAS BUSTER 6000 PLUS UNITS). MUD UP TO 10.0 WT. 44 VIS. BGG 450 UNITS (NOT GOING THROUGH GAS BUSTER).
	23:30 - 23:45	0.25	D	06		SERVICE RIG. FUNCTION LOWER PIPE RAMS 9 SEC.
	23:45 - 00:00	0.25	D	05		ACC. SURVEYS 7 CONNECTION TIMES.
	00:00 - 01:00	1.00	D	08		CIRCULATE HOLE CLEAN. SAFETY MEETING ON TRIPPING OUT OF HOLE.
4/12/2010	01:00 - 06:00	5.00	D	04		PUMP PILL. POOH FOR BIT, MUD MOTOR & BATTERY TRIP. FLOW CHECK EVERY 3000'. FILL EVERY 5 STANDS.
	06:00 - 06:30	0.50	D	18		CREW CHANGE AND SAFETY MEETING/ EL PASO REPS ATTENDING, TRIPPING OUT ANS ASSOCIATED JSA'S
	06:30 - 08:15	1.75	D	04		CONTINUE TO TRIP OUT FROM 4130 TO BHA, FLOW CHECK AT BHA 1050'.
	08:15 - 10:45	2.50	D	04		WORK BHA, CHANGE BIT AND MOTOR, CHANGE AND REORIENT MWD WITH NEW BATTERIES. RIH W/ BHA. FLOW CHECK.
	10:45 - 15:00	4.25	D	04		RIH FROM 1001' TO 11502'. FILL PIPE AT 3110'. 6093', 9018', AND 11502'.
	15:00 - 15:45	0.75	D	06		CUT DRILLING LINE.
	15:45 - 18:00	2.25	D			RIH 11502' TO 12940'. INSTALL ROTATING HEAD RUBBER, WASH LAST 3 STANDS TO BOTTOM AT 13202'.
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON MOUSE HOLE CONNECTIONS.
	18:15 - 23:30	5.25	D	03		DRILL 6 1/8" HOLE F/ 13202' TO 13334' (DRLD 132' @ 25.14 FPH). 61 SPM #1 PMP, 246 GPM, 3149 PSI, 5 TO 15K WOB, 10.0 MUD 44 VIS. BGG OUT OF GAS BUSTER 303 UNITS.
	23:30 - 23:45	0.25	D	06		SERVICE RIG. FUCNTION UPPER PIPE RAMS 8 SEC.
	23:45 - 00:00	0.25	D	05		ACC. SURVEYS & CONNECTIONS.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON RELEASING TRAPPED ROTARY TORQUE.
	00:15 - 05:30	5.25	D	03		DRILL 6 1/8" HOLE F/ 13334' TO 13465' (DRLD 131' @ 24.95 FPH). 59 SPM #1 PMP, 244 GPM, 3039 PSI, 16K WOB, 10.0 MUD 44 VIS. BGG OUT OF GAS BUSTER 300 UNITS. CONNECTION GAS 536 TO 2469 UNITS.
4/13/2010	05:30 - 05:45	0.25	D	06		SERVICE RIG. FUNCTION UPPER PIPE RAMS 8 SEC.
	05:45 - 06:00	0.25	D	05		ACC. SURVEYS & CONNECTIONS.
	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING
	06:15 - 07:00	0.75	D	03		DRILL 6 1/8" HOLE F/ 13465' - 13510', (DRLD 45' @ 60 FPH). 59 SPM



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Spud Date: 1/22/2010
 Start: 11/12/2009
 End:
 Rig Release:
 Group:
 Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/13/2010	06:15 - 07:00	0.75	D	03		#1 PMP, 244 GPM, 3120 PSI, 15K WOB, 10.0 MUD 44 VIS. BGG OUT OF GAS BUSTER 785 UNITS.
	07:00 - 07:15	0.25	D	06		LUBRICATE RIG, FUNCTION UPR IN 9 SEC.
	07:15 - 07:45	0.50	D	05		DEVIATION SURVEY AND CONNECTION TIME.
	07:45 - 18:00	10.25	D	03		DRILL 6 1/8" HOLE F/ 13510' - 13785', (DRLD 45' @ 60 FPH). 59 SPM #1 PMP, 244 GPM, 3210 PSI, 15K WOB, 10.2 MUD 44 VIS. BGG OUT OF GAS BUSTER 500 TO 3000 UNITS. CONNECTION 4200 U OUT OF BUSTER
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON CROWN SAVER.
	18:15 - 23:30	5.25	D	03		DRILL 6 1/8" HOLE F/ 13785' TO 13950' (DRLD 165' @ 31.43 FPH). 59 SPM #1 PMP, 244 GPM, 3532 PSI, 16K WOB, 10.2 MUD 44 VIS. BGG OUT OF GAS BUSTER 300 UNITS. CONNECTION GAS 4309 UNITS.
	23:30 - 23:45	0.25	D	06		SERVICE RIG. FUNCTION LOWER PIPE RAMS 8 SEC.
	23:45 - 00:00	0.25	D	05		ACC. SURVEYS & CONNECTIONS.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON CLEANING BOPS.
	00:15 - 01:00	0.75	D	03		DRILL 6 1/8" HOLE F/ 13950' TO 13978' (DRLD 28' @ 37.33 FPH). 59 SPM #1 PMP, 244 GPM, 3532 PSI, 16K WOB, 10.2 MUD 44 VIS. BGG OUT OF GAS BUSTER 300 UNITS. CONNECTION GAS 4309 UNITS.
	01:00 - 01:45	0.75	DT	57		LOST CIRCULATION @ 13978' 153 BBLs. CIRCULATE HOLE AND PILL TANK. BRING LCM UP TO 20%. NOTE: DRILLING F/ 13959' TO 13965' SLOW DRILLING 12 FPH. DRILLING F/ 13966' TO 13978'
	01:45 - 05:30	3.75	D	03		DRILLING BREAK 40 FPH. LOST CIRCULATION @ 13978' 153 BBLs. DRILL 6 1/8" HOLE F/ 13978' TO 14035' (DRLD 57' @ 15.20 FPH)(SLIDE F/ 14020' TO 14035'). 59 SPM #1 PMP, 243 GPM, 3339 PSI, 16K WOB, 10.2 MUD 44 VIS. LCM 20%. BGG OUT OF GAS BUSTER 1182 TO 3102 UNITS. CONNECTION GAS 4309 UNITS.
	05:30 - 05:45	0.25	D	06		SERVICE RIG
05:45 - 06:00	0.25	D	05		ACC. SURVEYS & CONNECTIONS.	
4/14/2010	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING
	06:15 - 07:15	1.00	D	03		DRILL 6 1/8" HOLE F/ 14035' - 14077'. (DRLD 42' @ 42 FPH)(FINISH SLIDE F/ 14035' TO 14038'). 59 SPM #1 PMP, 243 GPM, 3257 PSI, 16K WOB, 10.2 MUD 44 VIS. LCM 10%. BGG OUT OF GAS BUSTER 936 UNITS. CONN GAS 2000 U.
	07:15 - 07:30	0.25	D	06		LUBRICATE RIG FUNCTION
	07:30 - 08:00	0.50	D	05		DEVIATION SURVEY AND CONNECTION TIME.
	08:00 - 08:45	0.75	D	03		DRILL 6 1/8" HOLE F/ 14077' - 14099'. (DRLD 22' @ 29.33 FPH) 59 SPM #1 PMP, 243 GPM, 3257 PSI, 16K WOB, 10.2 MUD 44 VIS. LCM 5%. BGG OUT OF GAS BUSTER 3000 UNITS. CONN GAS 4500 U.
	08:45 - 14:30	5.75	DT	55		WELL GAINED 40 BBL WITH 10' FLARE IN LAST HALF HOUR,. MUD IN 9.3 MUD OUT 9.2. DO NOT HAVE 9.3 ALL THE WAY AROUND. SHUT IN WELL FOR FLOW CHECK. SIDP 50, SICP 800 TO 946 PSI. ROLLED PUMP OVER AND DID NOT GET DP PSI INCREASE. DP DEAD. WAIT AND WEIGHT METHOD. 9.4 KWM. CIRCULATED 2 ROUNDS AND HOLE NOT CLEANING UP WITH GAS. DECISION TO INCREASE MW TO 10.6 PPG. CIRC AT 140 GPM, DP 1020 PSI AND CASING AT 700 PSI.
	14:30 - 18:00	3.50	DT	55		CIRCULATE HOLE AT 140 GPM WITH 10.4 PPG AT 1040 PSI ON DP. BRING MW UP TO 10.6 IN WITH 15% LCM.
	18:00 - 18:15	0.25	DT	67		SAFETY MEETING ON MIXING MUD.
	18:15 - 22:00	3.75	DT	55		WELL CONTROL - CIRCULATE THROUGH GAS BUSTER & CHOKE. DRILL PIPE PRESSURE 1150 PSI, 140 GPM, 10.6 PPG 3000 UNIT TO 4500 UNITS. WEIGHT UP TO 11.0 PPG 140 GPM 1124 UNITS OUT OF BUSTER.



EL PASO PRODUCTION
Operations Summary Report

Legal Well Name: MEEKS 3-32A4
Common Well Name: MEEKS 3-32A4
Event Name: DRILLING
Contractor Name:
Rig Name:

Spud Date: 1/22/2010
Start: 11/12/2009
End:
Rig Release:
Rig Number:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/14/2010	22:00 - 23:45	1.75	DT	59		CIRCULATE AND CONDITION MUD. WORK STUCK PIPE NO LUCK (DOWN TO 50 UP TO 320 ROTATE TORQUE 9000). PUMPING 240 GPM 11.0 PPG MUD PARRIFFIN RETURNS WAS A 50% CUT FOR 2 HOURS THEN WELL CLEANED UP. ORDERED BLACK MAGIC FROM BAKER HUGHES, SCHLUMBERGER & WESTERN PETROLEUM FOR A.A.M. PUMP JOB (AS SOON AS IT COULD GET HERE).
	23:45 - 00:00	0.25	DT	67		SERVICE RIG.
	00:00 - 01:00	1.00	DT	59		CIRCULATE 11.0 PPG MUD 100 TO 500 UNITS OUT OF GAS BUSTER. WORK PIPE NO LUCK (DOWN TO 50 UP TO 320 ROTATE TORQUE 10000).
	01:00 - 06:00	5.00	DT	59		CIRCULATE 11.0 PPG MUD 500 UNIT OUT OF BUSTER. GAS INCREASING 11.0 PPG MUD 2500 TO 4073 TO 2364 UNITS OUT OF BUSTER. START TO BRING MUD WEIGHT UP F/ 11.0 PPG TO 11.8 PPG 367 UNITS 41 VIS OUT OF GAS BUSTER. WORK PIPE NO LUCK (DOWN TO 50 UP TO 320 ROTATE TORQUE 10000).
4/15/2010	06:00 - 06:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING
	06:15 - 18:00	11.75	DT	59		C&C MUD TO 11.3 PPG AROUND. 400 U GAS AVG, UP FROM 150 U AT 11.8PPG. SAFETY MEETING ON BLACK MAGIC SPOTTING FLUID. ADD DIESEL, BLACK MAGIC AND BAR FOR 80 BBL OF 11 PPG MIX. DESIGNED TO SPOT WITH TOP IN ANNULUS AT 12000' WHICH LEAVES 32 BBL IN DP FOR REFRESHING THE SOAK. SPOTTED FLUID AT 175 GPM AND 3250 PSI. CONSTANTLY WORK PIPE FROM 50K TO 150K WITH 8000FTLB TORQUE IN IT. PUMP 1 BBL EVERY HOUR. WORKING PIPE 50 K TO 220 K 9 TIMES, LET OUT TORQUE AND PULL TO 320K AND DOWN TO 50K. PUT 8000'LBS IN PIPE. BLACK MAGIC HAS BEEN ON THE FORMATION SINCE 14:15 HOURS.
	18:00 - 18:15	0.25	DT	67		CREW CHANGE AND SAFETY MEETING.
	18:15 - 00:00	5.75	DT	59		WORK PIPE. 29 BBLS TO 23 BBLS BLACK MAGIC IN DRILL PIPE. WORKING PIPE 50 K TO 220 K 9 TIMES, TORQUE (9000 LBS) IN EVERY OTHER TIME DOWN TO 50 K THEN PULLED TO 220 K. TENTH PULL TO 320 K AND DOWN TO 50K NO TORQUE. PUMP 1 BBL OF BLACK MAGIC OUT OF DRILL PIPE EVER HOUR. BLACK MAGIC HAS BEEN ON THE FORMATION SINCE 14:15 HOURS 4/14/2010.
	00:00 - 00:15	0.25	DT	67		SAFETY MEETING ON TOP DRIVE INSPECTION.
	00:15 - 00:45	0.50	D	06		SERVICE RIG.
	00:45 - 06:00	5.25	DT	59		WORK PIPE. 23 BBLS TO 19 BBLS BLACK MAGIC IN DRILL PIPE. WORKING PIPE 50 K TO 220 K 9 TIMES, TORQUE (9000 LBS) IN EVERY OTHER TIME DOWN TO 50 K THEN PULLED TO 220 K. TENTH PULL TO 320 K AND DOWN TO 50K NO TORQUE. PUMP 1 BBL OF BLACK MAGIC OUT OF DRILL PIPE EVER HOUR. BLACK MAGIC HAS BEEN ON THE FORMATION SINCE 14:15 HOURS 4/14/2010.
4/16/2010	06:00 - 06:15	0.25	DT	59		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 17:30	11.25	DT	59		WORK PIPE. WORKING PIPE 50 K TO 220 K 9 TIMES, TORQUE (9000 LBS) IN EVERY OTHER TIME DOWN TO 50 K THEN PULLED TO 220 K. TENTH PULL TO 320 K AND DOWN TO 50K NO TORQUE. PUMP 1 BBL OF BLACK MAGIC OUT OF DRILL PIPE EVER HOUR. BLACK MAGIC HAS BEEN ON THE FORMATION SINCE 14:15 HOURS 4/14/2010. AT 1730 HRS. PIPE CAME FREE (HAD 1 BBL. BLACK MAGIC LEFT IN DRILL STRING)



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
Common Well Name: MEEKS 3-32A4
Event Name: DRILLING
Contractor Name:
Rig Name:

Start: 11/12/2009
Rig Release:
Rig Number:

Spud Date: 1/22/2010
End:
Group:

Table with columns: Date, From - To, Hours, Code, Sub Code, Phase, Description of Operations. Contains detailed drilling logs for 4/16/2010 and 4/17/2010.



**EL PASO PRODUCTION
Operations Summary Report**

Legal Well Name: MEEKS 3-32A4	Spud Date: 1/22/2010
Common Well Name: MEEKS 3-32A4	End:
Event Name: DRILLING	Start: 11/12/2009
Contractor Name:	Rig Release: Group:
Rig Name:	Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/17/2010	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON MIXING MUD.
	00:15 - 01:00	0.75	D	03		DRILL 6 1/8" HOLE F/ 14442' TO 14453' (DRLD 11' @ 14.67 FPH). SHAKERS BY PASSED. 67 SPM #2 PMP, 232 GPM, 3366 PSI, 16K WOB, MUD IN 14.1 44 VIS, 20% LCM, MUD OUT 14.1, 44 VIS, 20% LCM. BBG IN BUSTER PASON GAS 959 UNITS, THIRD PARTY GAS 317 UNITS, WITH 1' TO 4' FLARE.
	01:00 - 05:45	4.75	D	18		CIRCULATE & CONDITION MUD. NO PUMP PARTS (VALVES). CIRCULATE WITH LOW VOLUMES DUE TO NO PUMP PARTS (VALVES). MUD WEIGHT 14.1, 45 VIS, 20% TO 30% LCM. MUD LOSSES DOWN HOLE WHILE CIRCULATING 250 BBLs.
4/18/2010	05:45 - 06:00	0.25	D	06		SERVICE RIG.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 07:45	1.50	D	03		DRILL 83/4" HOLE F/ 14453' - 14462' 6' / HR. BBG 1480 UNITS CONNECTION GAS 3204 UNITS RAISING MUD WT. F/ 14.1 PPG TO 14.4 PPG
	07:45 - 08:00	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S
	08:00 - 08:15	0.25	D	05		ACC. SURVEY & CONNECTION TIME
	08:15 - 16:15	8.00	D	03		DRILL F/ 14462' - 14543' CONT. RAISING MUD WT. TO 14.4 PPG BBG 280 - 700 UNITS NO FLARE FOR LAST 4 HRS. LOST 173 BBLs. DRLG. MUD WHILE WAITING UP F/ 14.1 PPG TO 14.4 PPG LAST 4 HRS. NO LOSSES TO FORM.
	16:15 - 17:30	1.25	D	08		CIRC. BTMS. UP BBG 750 UNITS
	17:30 - 17:45	0.25	D	05		SURVEY @14473' 2.2" AZ 129.8
	17:45 - 18:00	0.25	D	04		FLOW CK. POH
	18:00 - 18:15	0.25	D	18		CREW CHANGE AND SAFETY MEETING ON POOH.
4/19/2010	18:15 - 18:30	0.25	D	06		SERVICE RIG. FUNCTION ANNULAR 29 SEC.
	18:30 - 04:00	9.50	D	04		POOH & FLOW CHECK EVERY 3000' & FILL EVERY 5 STANDS.
	04:00 - 04:30	0.50	D	06		SERVICE RIG.
	04:30 - 06:00	1.50	D	04		LD BHA #12.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 09:00	2.75	D	04		LAY DOWN DIRECTIONAL TLS. PICK UP NEW MUD MOTOR & DRLG. JARS
	09:00 - 14:15	5.25	D	04		RIH TO 11653' FILL DP WITH CLEAN MUD AT 5500' & 8578' HAD NO MUD RETURNS F/ 8578' - 11653' RAN IN HOLE AT 45 SEC'S PER STD.
	14:15 - 14:30	0.25	D	18		SAFETY MEETING JSA #26 SLIP & CUT DRILL LINE
	14:30 - 15:30	1.00	D	06		SLIP & CUT DRILL LINE CIRC. DP AT 11653' WHILE CUTTING DRILLING LINE
	15:30 - 15:45	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 28 SEC'S
	15:45 - 16:30	0.75	D	08		CONT. CIRC. BTMS. UP GAS 5602 UNITS
	16:30 - 18:00	1.50	D	04		CONT. RIH F/ 11653' - 12468'
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON RIH.
18:15 - 21:30	3.25	D	04		RIH F/ 12468' TO 14543'.	
21:30 - 00:00	2.50	D	03		DRILL 6 1/8" HOLE F/ 14543' TO 14603' (DRLD 60' @ 24.00 FPH). SHAKERS BY PASSED. 247 GPM, 3402 PSI, 5 TO 16K WOB, MUD IN 14.4, 43 VIS, 25% LCM, MUD OUT 14.4, 44 VIS, 25% LCM. BBG IN BUSTER PASON GAS 719 UNITS, THIRD PARTY GAS 289 UNITS, NO FLARE. CIRCULATING BOTTOMS UP GAS MAX. PASON 3836 UNITS, THIRD PARTY 343 UNITS.	
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON CROWN SAVER & LOADER OPERATIONS.
	00:15 - 05:45	5.50	D	03		DRILL 6 1/8" HOLE F/ 14603' TO 14703' (DRLD 100' @ 18.18 FPH). SHAKERS BY PASSED. 247 GPM, 3402 PSI, 15 TO 16K WOB, MUD IN 14.4, 44 VIS, 20 TO 25% LCM, MUD OUT 14.4, 44 VIS, 20 TO 25%



EL PASO PRODUCTION
Operations Summary Report

Legal Well Name: MEEKS 3-32A4	Spud Date: 1/22/2010
Common Well Name: MEEKS 3-32A4	End:
Event Name: DRILLING	Start: 11/12/2009
Contractor Name:	Rig Release: Group:
Rig Name:	Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/19/2010	00:15 - 05:45	5.50	D	03		LCM. BBG IN BUSTER PASON GAS 452 UNITS, THIRD PARTY GAS 241 UNITS, NO FLARE. OUT OF GAS BUSTER @ 0130 A.M. TO 0200 A.M. MAX. PASON 1961 UNITS, THIRD PARTY 529 UNITS. BACK IN BUSTER @ 0200 A.M.
	05:45 - 06:00	0.25	D	06		SERVICE RIG.
4/20/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING LOADER OPERATION
	06:15 - 09:15	3.00	D	03		DRILL 83/4" HOLE F/ 14703' - 14751' 16' / HR. BGG 120 UNITS MUD WT. 14.4 PPG
	09:15 - 09:30	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 8 SEC'S
	09:30 - 09:45	0.25	D	18		ACC. CONNECTION TIME
	09:45 - 17:45	8.00	D	03		DRILL F/ 14751' - 14867' 14.5' / HR. BGG 60 UNITS
	17:45 - 18:00	0.25	D	18		BOP DRILL WELL SECURE IN 90 SECONDS BGG 58 UNITS LOST 29 BBLs. DRLG. MUD TO FORM. IN LAST 12 HRS. MUD WT. 14.4 PPG 15 - 18% LCM IN MUD SYSTEM
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON HOUSE KEEPING.
	18:15 - 21:15	3.00	D	03		DRILL 6 1/8" HOLE F/ 14867' TO 14900' (DRLD 33' @ 11.00 FPH). SHAKERS BY PASSED. 242 GPM, 3770 PSI, 15 TO 16K WOB, MUD IN 14.4, 45 VIS, 15 TO 18% LCM, MUD OUT 14.4, 45 VIS, 15 TO 18% LCM. BBG GOING THROUGH BUSTER PASON 433 UNITS, THIRD PARTY 280 UNITS.
	21:15 - 23:00	1.75	DT	57		LOST CIRCULATION @ 14900' 3' FOOT DRILLING BREAK. NO INCREASE IN GAS. OUT OF GAS BUSTER PASON 217 UNITS THIRD PARTY 115 UNITS. CIRCULATE BRING LCM UP FROM 18% TO 25%. BUILD BACK MUD VOLUME. LOST 163 BBLs.
	23:00 - 23:45	0.75	D	03		DRILL 6 1/8" HOLE F/ 14900' TO 14915' (DRLD 15' @ 20.00 FPH). SHAKERS BY PASSED. 242 GPM, 3770 PSI, 15 TO 16K WOB, MUD IN 14.4, 45 VIS, 20 TO 25% LCM, MUD OUT 14.4, 45 VIS, 20 TO 25% LCM. BBG OUT OF BUSTER PASON 340 UNITS, THIRD PARTY 35 UNITS.
	23:45 - 00:00	0.25	D	06		SERVICE RIG. FUNCTION LOWER PIPE RAMS 8 SEC.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON FIRING BOILER.
	00:15 - 05:30	5.25	D	03		DRILL 6 1/8" HOLE F/ 14915' TO 14942' (DRLD 27' @ 5.14 FPH). SHAKERS BY PASSED. 233 GPM, 3465 PSI, 15 TO 16K WOB, MUD IN 14.3, 43 VIS, 18% LCM, MUD OUT 14.3, 43 VIS, 18% LCM. BBG GOING THROUGH BUSTER PASON 239 UNITS, THIRD PARTY 186 UNITS.
	05:30 - 05:45	0.25	D	18		BOP DRILL WELL SECURE IN 60 SEC.
	05:45 - 06:00	0.25	D	06		SERVICE RIG. FUNCTION LOWER PIPE RAMS 8 SEC. LAST 12 HR LOSSES 190 BBLs. LAST 24 HR LOSSES 219 BBLs.
4/21/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING LOCK OUT TAG OUT
	06:15 - 15:30	9.25	D	03		DRILL 6 1/8" HOLE F/ 14940' - 15000' 6.48' / HR. BGG 160 UNITS CONNECTION GAS 700 UNITS 15 - 18% LCM IN MUD SYSTEM NO NOTICEABLE MUD LOSSES IN LAST 10 HRS.
	15:30 - 15:45	0.25	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 8 SEC'S
	15:45 - 18:00	2.25	D	03		DRILL 6 1/8" HOLE F/ 15000' - 15032' 14.22' / HR. BGG 160 UNITS CONNECTION GAS 700 UNITS 15 - 18% LCM IN MUD SYSTEM NO NOTICEABLE MUD LOSSES IN LAST 12 HRS.
	18:00 - 18:15	0.25	D	18		CREW CHANGE. SAFETY MEETING ON MOUSE HOLE CONNECTIONS.
	18:15 - 00:00	5.75	D	03		DRILL 6 1/8" HOLE F/ 15032' TO 15072' (DRLD 41' @ 7.13 FPH). SHAKERS BY PASSED. 240 GPM, 3826 PSI, 15 TO 17K WOB, MUD



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Start: 11/12/2009
 Rig Release:
 Rig Number:

Spud Date: 1/22/2010
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/21/2010	18:15 - 00:00	5.75	D	03		IN 14.4, 44 VIS, 18% LCM, MUD OUT 14.4, 44 VIS, 18% LCM. BBG OUT OF BUSTER PASON 355 UNITS, THIRD PARTY 295 UNITS. SAFETY MEETING ON HOUSE KEEPING. SERVICE RIG. FUNCTION UPPER PIPE RAMS 9 SEC. DRILL 6 1/8" HOLE F/ 15072' TO ????? (DRLD ?? @ ????? FPH). SHAKERS BY PASSED. 240 GPM, 3826 PSI, 15 TO 17K WOB, MUD IN 14.4, 44 VIS, 18% LCM, MUD OUT 14.4, 44 VIS, 18% LCM. BBG OUT OF BUSTER PASON 355 UNITS, THIRD PARTY 295 UNITS.
	00:00 - 00:15	0.25	D	18		
	00:15 - 00:30	0.25	D	06		
	00:30 - 06:00	5.50	D	03		
4/22/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING DRILL 6 1/8" HOLE F/ 15116' - 15131' 4' / HR. BGG 50 - 60 UNITS CONN. GAS 1122 UNITS RIG SER. FUNCTION UPPER PIPE RAMS C / O 8 SEC'S ACC. CONNECTION TIME DRILL F/ 15131' - 15175' 7.33' / HR. BGG 50 UNITS WORK ON MUD PUMPS (PLUGGED WITH LCM) LOST COMPLETE RETURNS GO THRU PILL TANK W/ 3 SIZES CAL. CARB. AND SAWDUST HAVE LOST 398 BBLs. IN LAST 11/2 HRS. SLOW PUMP TO 170 GPM CONTINUALLY ADDING LCM CREW CHANGE. SAFETY MEETING ON USING TONGS. PASON GAS 50 UNITS. THIRD PARTY GAS 53 UNITS. LOST CIRCULATION @ 15175'. NO RETURNS. CIRCULATING THROUGH PILL TANK W/ 3 SIZES CAL. CARB. AND SAWDUST TO 25% TO 30% LCM. SLOW PUMP TO 170 GPM. TOTAL BBLs LOST FROM 1700 HRS TO 0000 MIDNIGHT 732 BBLs. POOH TO 11600' BIT IN CASING. PASON GAS 28 UNITS. THIRD PARTY GAS 30 UNITS. LOST CIRCULATION. BUILDING VOLUME IN PRE MIX TANK & IN RIG TANKS. MOVING PIPE STEADY. PUMP A 5 TO 10 BBLs EVERY 15 MINS DOWN DRILL PIPE. PASON GAS 28 UNITS. THIRD PARTY GAS 30 UNITS.
	06:15 - 10:00	3.75	D	03		
	10:00 - 10:15	0.25	D	06		
	10:15 - 10:30	0.25	D	18		
	10:30 - 16:30	6.00	D	03		
	16:30 - 17:00	0.50	DT	65		
	17:00 - 18:00	1.00	DT	57		
	18:00 - 18:15	0.25	DT	57		
	18:15 - 00:00	5.75	DT	57		
	00:00 - 06:00	6.00	DT	57		
4/23/2010	06:00 - 06:15	0.25	DT	57		CONT. BUILDING MUD VOLUME MAINTAINING MUD WT. AT 14.4 PPG & INCREASING VIS. TO 65 SEC'S PUMP 4-6 BBL EVERY 1/2 HR. NO SIGN OF RETURNS AT @ 1100 HRS. HAD SLIGHT RETURNS UP TO 10 % THIS LASTED FOR 5 MIN. THEN RETURNS DROPPED TO 0 & NEVER REGAINED ANY SIGN OF CIRC. AGAIN AT 1545 HRS. PUMPED 50 BBLs. 70 VIS. MUD W/ 12 PPB OF 1000, 12 PPB 2000, 12 PPB OF 500 + 1/2 PPB OF HOGS HAIR DISPLACED W/ 94 BBLs. OF 65 VIS MUD W/ 35 % LCM ANNULUS STAYING FULL AFTER PILL WAS IN PLACE FOR 1/2 HR. TRIED TO PUMP 4-5 BBLs. DOWN DRILL STRING UNABLE TO PUMP DRILL STRING APPEARS PLUGGED ATTEMPT TO UNPLUG DRILL STRING NO SUCCESS FLOW CK. POH WITH PLUGGED DRILL STRING CREW CHANGE AND SAFETY MEETING ON PULLING AND SETTING SLIPS. POOH MUD MOTOR PLUGGED. FLOW CHECKS. LUBRICATE RIG. SAFETY MEETING ON CROWN SAVER. POOH LD BHA #13. BIT #13 IN GOOD SHAPE & CLEAN. MUD MOTOR PLUGGED AND LOCKED UP. LUBRICATE RIG. FUNCTION BLIND RAMS. 6 SEC.
	06:15 - 16:15	10.00	DT	57		
	16:15 - 17:00	0.75	DT	57		
	17:00 - 18:00	1.00	DT	57		
	18:00 - 18:15	0.25	DT	57		
	18:15 - 23:45	5.50	DT	57		
	23:45 - 00:00	0.25	DT	57		
	00:00 - 00:15	0.25	DT	57		
	00:15 - 02:00	1.75	DT	57		
	02:00 - 02:15	0.25	DT	57		



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Start: 11/12/2009
 Rig Release:
 Rig Number:

Spud Date: 1/22/2010
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/23/2010	02:15 - 06:00	3.75	DT	57		RIH WITH BHA #14 @ 3500'. FILL PIPE AND PUMP THROUGH BIT EVERY 10 STANDS.
4/24/2010	06:00 - 06:15	0.25	DT	57		HAND OVER & PRETOUR SAFETY MEETING MIXING DRLG. MUD
	06:15 - 11:00	4.75	DT	57		CONT. RIH W/ BIT #14 (STX 40) F/ 3500' - 11816' FILLED DP EVERY 10 STD'S CIRC. FOR 2MIN. THEN CONTINUE IN HOLE GOOD DP DISPLACEMENT RUNNING IN HOLE
	11:00 - 11:15	0.25	DT	57		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 24 SEC'S CIRC. BTMS. UP AT CASG. SHOE HAD 6604 UNITS GAS 8 - 10' FLARE FOR 20 MIN. NO MUD LOSSES FAIR AMOUNT OF PARAFIN COMMING OUT OF HOLE
	11:15 - 13:00	1.75	DT	57		CONT. RUN IN HOLE WASHED & REAMED THRU SLIGHT BRIDGES F/ 11814' - 11968' REST OF TRIP IN TO 14946' WENT GOOD AT 14946' STARTED TO GET A LOT OF PARAFIN COMMING OUT AND GAS READING OF 6365 UNITS CONT. CIRCULATING OBSERVING WELL HAVE 20 - 25' FLARE GAS SLOWLY DROPPING TO 4000 UNITS NO MUD LOSSES TO THIS POINT
	13:00 - 16:45	3.75	DT	57		CONT. WASHING & REAMING F/ 14946' - 14941' AGAIN HAD A LOT OF PARAFIN COMMING OUT GAS HAS INCREASED F/ 4000 UNITS TO 6561 UNITS HAD 25' FLARE FOR 30 MIN. WHEN GAS WENT DOWN TO 3500 UNITS, CONTINUED CLEANING TO BTM. F/ 14941' - 15175' NO MUD LOSSES TO THIS POINT JUST BACK ON BTM. AT 1800 HRS. BGG 2250 UNITS
	16:45 - 18:00	1.25	DT	57		HAND OVER & PRETOUR SAFETY MEETING DRILLING AND CONNECTION JSA'S.
	18:00 - 18:15	0.25	D	18		DRILL 61/8" HOLE F/ 15175' - 15196' 3.82' / HR. BOTTOMS UP 6366 UNITS BGG 2250 DROPPING TO 745 UNITS PUMP #2 AT 67 STROKES 1900 PSI.
	18:15 - 23:45	5.50	D	03		LUBRICATE RIG, FUNCTION ANNULAR 28 SEC. SAFETY MEETING, DRIVING CREW TRUCK, STINGER ON FORKLIFT HOUSEKEEPING
	23:45 - 00:00	0.25	D	06		DRILL 61/8" HOLE F/ 15196' - 15200' 3.2' / HR. BGG 500 TO 1025 UNITS PUMP #2 1900 PSI AT 67 SPM, 233 GPM.
	00:00 - 00:15	0.25	D	18		LUBRICATE RIG, FUNCTION UPR 7SEC.
	00:15 - 01:30	1.25	D	03		CIRCULATE UP SAMPLES. PUMP #1 AT 50 SPM, 210 GPM AT 3300 PSI. STARTED TO LOOSE RETURNS SO SLOWED TO 185 GPM AT 2700 PSI. ADDED FRESH SAWDUST AND COURSE CARBONITE.
	01:30 - 01:45	0.25	D	06		DRILL 61/8" HOLE F/ 15200' - 15210' 5' / HR. BGG 500 TO 725 UNITS PUMP #2 2040 PSI AT 71 SPM, 246 GPM MW 14.4 AND LCM AT 35+%.
	01:45 - 04:00	2.25	DT	57		HAND OVER & PRETOUR SAFETY MEETING USE OF PIPE SPINNER
	4/25/2010	04:00 - 06:00	2.00	D	03	
06:00 - 06:15		0.25	D	18		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
06:15 - 16:15		10.00	D	03		DRILL F/ 15229' - 15231' TD @ 1715 HRS.
16:15 - 16:30		0.25	D	06		CIRC. BTMS. UP MUD WT. 14.4 VIS. 60 LCM 35 % BGG 260 UNITS
16:30 - 17:15		0.75	D	03		HAND OVER & PRETOUR SAFETY MEETING TRIPPING
17:15 - 18:00		0.75	D	08		CBU FINISH CIRCULATING BOTTOMS UP FOR SHORT TRIP.
18:00 - 18:15		0.25	D	18		PUMP #2 @ 60 STROKES 207 GPM AT 3100 PSI. LOST 25 BBL. SHORT TRIP. 15231 TO SHOE, FLOW CHECK AT 15166', PULL 4
18:15 - 18:30	0.25	D	08			
18:30 - 21:30	3.00	D	04			



Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:
 Spud Date: 1/22/2010
 Start: 11/12/2009
 Rig Release:
 Rig Number:
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/25/2010	18:30 - 21:30	3.00	D	04		MORE STANDS, PULL ROTATING RUBBER, FLOW CHECK AT 14798', PUMP TRIP PILL, POOH 11801. FLOW CHECK. HOLE ONLY TOOK 4 BBL BUT PULLED DRY IN DP.
	21:30 - 00:00	2.50	D	04		RIH, CIRCULATE LAST 6 STANDS TO BOTTOM AS PRECAUTION. AT 14974 AT MIDNIGHT. BGG AT 270 U
	00:00 - 00:15	0.25	D	18		SAFETY MEETING OPERATE LOADER DRIVING CREW TRUCK OPERATING SKATE
	00:15 - 00:45	0.50	D	07		WASH TO BOTTOM AS PRECAUTION, PUMP #2 AT 42 STROKES 1900 PSI. WASH 14974 TO 15231'. BGG 250 U
	00:45 - 03:00	2.25	D	08		CIRCULATE BOTTOMS UP TWICE. #2 PUMP 56 SPM, 207 GPM AT 3200 PSI. TRIP GAS 3836 U NO FLARE. BGG 768 UNITS.
	03:00 - 03:15	0.25	D	06		LUBRICATE RIG, FUNCTION
	03:15 - 06:00	2.75	D	04		POOH FOR LOGS, FLOW CHECK, LAY DOWN TOP SINGLE TO MAKE EVEN STANDS, PULL 5 STANDS, REMOVE ROTATING RUBBER, FLOW CHECK AT 14751', PUMP TRIP PILL, POOH. MEASURE OUT OF HOLE.
4/26/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING TRIPPING DP
	06:15 - 12:15	6.00	D	04		CONT. POH TO LOG (MEASURE OUT) TAKE REQUIRED FLOW CK'S WELL STATIC SLM TALLY 15237.72' (VERY WINDY)
	12:15 - 12:30	0.25	D	06		RIG SER. FUNCTION BLIND RAMS C / O 7 SEC'S
	12:30 - 18:00	5.50	D	11		RIG IN HALLIBURTON LOGGING HOLD SAFETY MEETING RUN GR / BSAT / DSN / SDL / PERT LOGGERS TD @ 15232' ON BTM. AT 1530 HRS. NO HOLE PROBLEMS LOG FROM 15232' TO 11800'
	18:00 - 18:15	0.25	D	18		SAFETY MEETING, 9 TRIPPING JSA'S, SLIP AND CUT.
	18:15 - 19:15	1.00	D	11		WIREFINE FINISH TRIP OUT AND LAY DOWN TOOLS. CLEAR FLOOR.
	19:15 - 19:30	0.25	D	06		LUBRICATE RIG FUNCTION BLIND RAMS 7 SEC.
	19:30 - 00:00	4.50	D	04		MAKE UP BHA FOR CLEAN OUT TRIP. MILL TOOTH BIT, NO SHOCK SUB. (908.07') REST SAME AS BEFORE. RIH FILL PIPE AT 3081', AND 6064'.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING
	00:15 - 03:00	2.75	D	04		CONTINUE TO RIH, 6064' TO 11,793'. INSTALL ROTATING RUBBER. FILL PIPE AT 9047', RIH TO 11793'
4/27/2010	03:00 - 04:30	1.50	D	08		SLIP AND CUT DRILLING LINE, CIRCULATE BOTTOMS UP AT 11793'. MAX GAS 4400 UNITS W/ SMALL 3' FLARE.
	04:30 - 06:00	1.50	D	04		RIH 11793' TO 15231'. WASH LAST 220' TO BOTTOM AS PRECAUTION.
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING
	06:15 - 07:15	1.00	D	07		WASH LAST STD. TO BTM. NO NOTICEABLE FILL
	07:15 - 13:45	6.50	D	08		CIRC. COND. MUD & HOLE HAD 4861 UNITS GAS ON BTMS. UP AFTER 2 CIRCULATIONS BGG STAYING AROUND 1000 - 1200 UNITS CONT. CIRC. SLOWLY RAISING MUD DENSITY TO 14.6 PPG GAS GRADUALLY DROPPING TO 700 UNITS LOSSING 5 - 8 BPH TO FORM.
	13:45 - 14:00	0.25	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 7 SEC'S
	14:00 - 18:00	4.00	D	04		POH 5 STD'S PULL ROTATING HEAD ELEMENT FLOW CK. DROP DP DRIFT PUMP TRIP PILL POH (TAKE REQUIRED FLOW CK'S)
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING TRIPPING PIPE.
	18:15 - 22:15	4.00	D	04		CONT. TO POH FOR LINER, FLOW CHECKS AT 6914 AND BHA AT 908'. LD BHA.
	22:15 - 22:30	0.25	D	06		LUBRICATE RIG FUNCTION PIPE RAMS FLOW CHECK



EL PASO PRODUCTION Operations Summary Report

Legal Well Name:	MEEKS 3-32A4		
Common Well Name:	MEEKS 3-32A4	Spud Date:	1/22/2010
Event Name:	DRILLING	Start:	11/12/2009
Contractor Name:		Rig Release:	End:
Rig Name:		Rig Number:	Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/27/2010	22:30 - 00:00	1.50	D	12		CLEAR FLOOR AND PREPARE TO RUN 4 1/2" LINER, RIGUP WEATHERFORD CASING TOOLS.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING ON RUNNING 4 1/2" LINER, WEATHERFORD AND HALLIBURTON
	00:15 - 06:00	5.75	D	12		PU AND RUN 4 1/2" P-110 15.1 #/FT, LTC LINER, FLOAT SHOE, 3 JOINTS CASING, FLOAT COLLAR, LANDING COLLAR, 38 JOINTS OF CASING, MARKER JOINT (AT 13486'), 44 JOINTS OF CASING, LINER HANGER (3676.06') AND RUNNING TOOL AND 3 1/2" PUP JOINT. THREADLOCK ALL CONNECTIONS TO AND INCLUDING TOP OF LANDING COLLAR. CENTRILIZERS ON FIRST THREE JOINTS WITH STOP RING. ONE CENTRILIZER EVERY 3RD COLLAR. FILL LINER AS RUN WITH CLEAN 14.6 PPG MUD FROM PREMIX TANK. INSTALL LINER WIPER PLUG ON RUNNING TOOL. BREAK CIRCULATION, RIG DOWN CASING CREW.
4/28/2010	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING RUNNING CASG.
	06:15 - 13:45	7.50	D	12		CONT. RUNNING 4 1/2" LINER ON 3 1/2" DP F/ 3595' - 11700' RUN LINER IN AT 2 MIN. / STD. FILLED DP EVERY 10 STD'S & BRK. CIRC. (INSURE LCM IS NOT SETTLING OUT ABOVE FLOATS) RIG SER. FUNCTION UPPER PIPE RAMS C / O 7 SEC'S
	13:45 - 14:00	0.25	D	06		CIRC. BTMS. UP AT CASG. SHOE BTMS. UP GAS 370 UNITS
	14:00 - 16:15	2.25	D	08		CONT. RUNNING 4 1/2" LINER F/ 11704' - 14750' CASG.
	16:15 - 18:00	1.75	D	12		DISPLACEMENT RETURNS STARTED DROPPING OFF STARTED WASHING CASG. DOWN F/ 14598' - 14750' GOOD RETURNS AT PRESENT
	18:00 - 18:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING RUNNING CASG.
	18:15 - 21:00	2.75	D	12		CONT. RUNNING 4 1/2" LINER F/ 14750' TO 15231'. WASH CASING. DOWN F/ 14750' TO 15231'. 32 SPM AT 1800 PSI. BGG 200 UNITS. BOTTOMS UP WHILE WASH ING DOWN 3600 UNITS. SMALL FLARE. SHUT DOWN TO RIG UP PLUG HEAD AND CEMENTERS LINES.
	21:00 - 22:00	1.00	D	12		SAFETY MEETING AND RU HEAD AND CIRCULATING AND CEMENTING LINES.
	22:00 - 00:45	2.75	D	08		CIRCULATE TO CLEAN UP GAS, INITIAL MAX 3117 UNITS, FINAL 650 UNITS. MUD IN 14.6, MUD OUT 14.6. SAFETY MEETING ON CEMENTING WITH ALL. SWITCH LINES TO SCHLUMBERGER.
	00:45 - 03:45	3.00	D	14		SCHLUMBERGER TEST LINES TO 7500 PSI, OK, PUMP 20 BBL OF MUDPUSH II AT 15.1 PPG, MIX AND PUMP 111 BBL WELLBOND CEMENT AT 15.8 PPG, 6.48 GAL/SK WATER 1.63 YIELD AND 382 SACKS, WASH UP PUMP, PUMP OUT WIPER PLUG AND DISPLACE WITH 10 BBL RETARDER WATER, 30 BBL FRESH WATER, 10 BBL RETARDER WATER, 34.5 BBL 14.6 MUD, PICKED UP LINER PLUG, IT SHEARED AT 5300 PSI, PUMPED 49 MORE BBL 14.6 BBL MUD AND BUMPED PLUG WITH TOTAL OF 134.6 BBL AS CALCULATED. LOST RETURNS WITH 25 BBL BEFORE BUMPING PLUG. DROPPED THE BALL, HELPED PUMP IT DOWN WITH 50 BBL MUD. PACKER INFLATED AND SHEARED AT 6300 PSI. SET LINER HANER AND SHEARED LOOSE. PU TO FINISH CIRCULATING OUT ANNULUS.
4/29/2010	03:45 - 06:00	2.25	D	14		CIRCULATE OUT ANNULUS PUMPING 2 BOTTOMS UP. HAD MUD CONTAMINATED W/ CEMENT AND SPACER FOR APPROXIMETLY 60 MINUTES AT 6 BPM. TESTING CASING
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING CMT'G CASG.
	06:15 - 06:45	0.50	D	09		POSITIVE PESS. TEST LINER HANGER / PACKER TO 1500 PSI FOR



EL PASO PRODUCTION
Operations Summary Report

Legal Well Name: MEEKS 3-32A4
 Common Well Name: MEEKS 3-32A4
 Event Name: DRILLING
 Contractor Name:
 Rig Name:

Start: 11/12/2009
 Rig Release:
 Rig Number:

Spud Date: 1/22/2010
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/29/2010	06:15 - 06:45	0.50	D	09		15 MIN. OK
	06:45 - 11:00	4.25	D	09		DISPLACE CASG. TO WATER (500 BBLs.) CONDUCT NEGITIVE TEST 15 MIN. OK
	11:00 - 11:15	0.25	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 24 SEC'S
	11:15 - 18:00	6.75	D	04		POH LAYING DOWN DP. CLEANING MUD UP FOR FUTURE USE.
	18:00 - 18:30	0.50	D	18		HAND OVER & PRETOUR SAFETY MEETING RIH AND LDDP, SET BP, TEST PLUG. CHANGE RAMS.
	18:30 - 20:30	2.00	D	04		CONTINUE TO LDDP. CONT TO CLEAN UP MUD AND PITS
	20:30 - 21:15	0.75	D	04		RUN DP IN DERRECK INTO HOLE. 0 TO 3500'.
	21:15 - 21:30	0.25	D	06		LUBRICATE RIG FUNCTION UPR 7 SEC.
	21:30 - 21:45	0.25	D	18		SAFETY MEETING SLIP AND CUT
	21:45 - 22:15	0.50	D	06		SLIP AND CUT DRILLING LINE.
	22:15 - 00:00	1.75	D	04		CONTINUE TO LDDP. 3500 TO 2767'.
	00:00 - 00:15	0.25	D	18		SAFETY MEETING LDDP
	00:15 - 02:00	1.75	D	04		CONTINUE TO LDDP. 2767' TO 0'.
	02:00 - 04:00	2.00	D	17		SAFETY MEETING, RU WIRELINE AND SET BP AT 2034'. TEST TO 1500 PSI FOR 10 MINUTES.
4/30/2010	04:00 - 06:00	2.00	D	15		NIPPLE DOWN BOP EQUIPMENT
	06:00 - 06:15	0.25	D	18		HAND OVER & PRETOUR SAFETY MEETING RIGGING OUT
	06:15 - 10:00	3.75	D	15		REMOVE KATCH KAN, ROTATING HEAD, KILL LINE VALVES & CHOKE LINE
	10:00 - 16:00	6.00	D	01		SAFETY MEETING ON RIGGING OUT TOP DRIVE RIG DOWN TOP DRIVE, SERVICE LOOP & SLIDE
	16:00 - 18:00	2.00	D	01		RIG OUT STEAM LINES, SPOOL UP POWER CORDS RIG OUT MUD PUMPS CLEAN PREMIX & MUD TANKS WITH VAC. TRUCK
	18:00 - 18:15	0.25	D	18		CONTINUE WITH GENERAL RIG OUT
	18:15 - 00:00	5.75	D	01		HAND OVER & PRETOUR SAFETY MEETING RIGGING OUT CLEANING PITS, RIG DOWN FLOOR, PREPARE RIG FOR LOWERING RACKING BOARD. GENERAL RIG DOWN
	00:00 - 00:15	0.25	D	18		SAFETY MEETING RIG DOWN
	00:15 - 06:00	5.75	D	01		CONTINUE TO RIG DOWN. CREWS WORKED UNTIL 2 AM. CREWS WILL ALL BE BACK ON DAYS IN AM. RELEASE RIG AT 06:00
						4-30-2010

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
4301350069	MEEKS 3-32A4		NWNW	32	1S	4W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17605	11/12/2009		5/18/10		
Comments: GR-WS							CONFIDENTIAL

Well 2

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

Well 3

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

ACTION CODES:

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

Marie OKeefe

Name (Please Print)

Marie OKeefe

Signature

Sr. Regulatory Analyst

Title

05/07/2010
Date

RECEIVED
MAY 10 2010

CONFIDENTIAL

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

AMENDED REPORT [] FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [] DRY [] OTHER []
b. TYPE OF WORK: NEW WELL [X] HORIZ. LATS. [] DEEP-EN [] RE-ENTRY [] DIFF. RESVR. [] OTHER []

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: Meeks 3-32A4

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

9. API NUMBER: 4301350069

3. ADDRESS OF OPERATOR: 1099 18th St Ste 1900 CITY Denver STATE CO ZIP 80202

10 FIELD AND POOL, OR WILDCAT Altamont

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 721 FNL & 817 FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 721 FNL & 817 FWL
AT TOTAL DEPTH: 721 FNL & 817 FWL 0919 FNL 0894 FWL NWNW

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 32 1S 4W U

12. COUNTY Duchesne 13. STATE UTAH

14. DATE SPUNDED: 11/12/2009 15. DATE T.D. REACHED: 4/25/2010 16. DATE COMPLETED: 5/28/2010

17. ELEVATIONS (DF, RKB, RT, GL): 6664 ungraded ground

18. TOTAL DEPTH: MD 15,231 TVD 15,227 19. PLUG BACK T.D.: MD TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Quad Combo, BHCS RUN 2+1

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

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

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

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

26. PRODUCING INTERVALS
Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD)

27. PERFORATION RECORD
Table with columns: INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.
Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:
[] ELECTRICAL/MECHANICAL LOGS [] GEOLOGIC REPORT [] DST REPORT [X] DIRECTIONAL SURVEY
[] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [] CORE ANALYSIS [] OTHER:

30. WELL STATUS: prod

RECEIVED

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 5/28/2010	TEST DATE: 6/1/2010	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 514	GAS – MCF: 145	WATER – BBL: 0	PROD. METHOD: flow
CHOKE SIZE: 28	TBG. PRESS. 0	CSG. PRESS. 500	API GRAVITY 41.40	BTU – GAS 1,119	GAS/OIL RATIO 0	24 HR PRODUCTION RATES: →	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: →	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: →	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: →	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	6,716	7,815	Stacked SS, siltstone, shale, dolo, LS		
GRTN1	7,815	8,840	Stacked SS, siltstone, shale, dolo, LS		
GRMHB	8,840	10,313	Stacked SS, siltstone, shale, dolo, LS		
TGR3	10,313	11,728	Stacked SS, siltstone, shale, dolo, LS		
WASATCH	11,728	15,231	Stacked SS, siltstone, shale, dolo, LS		

35. ADDITIONAL REMARKS (Include plugging procedure)

See attachment for additional completion data.

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

NAME (PLEASE PRINT) Marie OKeefeTITLE Sr. Regulatory AnalystSIGNATURE Marie OKeefeDATE 8-3-10

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

Meeks 3-32A4

4301350069

8/2/2010

27. PERFORATION RECORD

INTERVAL	SIZE	NO. HOLES
13612-13926	0.34	369
13246-13588	0.34	486
12821-13223	0.34	504

28. ACID, FRACTURE,

13956-14151

5000 gal 15% HCL, 7000# 100 mesh sand, 145348# Terraprop pro 20/40

13612-13926

5000 gal 15% HCL, 11500# 100 mesh sand, 182576# Terraprop pro 20/40

13246-13588

5000 gal 15% HCL, 15500# 100 mesh sand, 221683# sinterlite bauxite 20/40

12821-13223

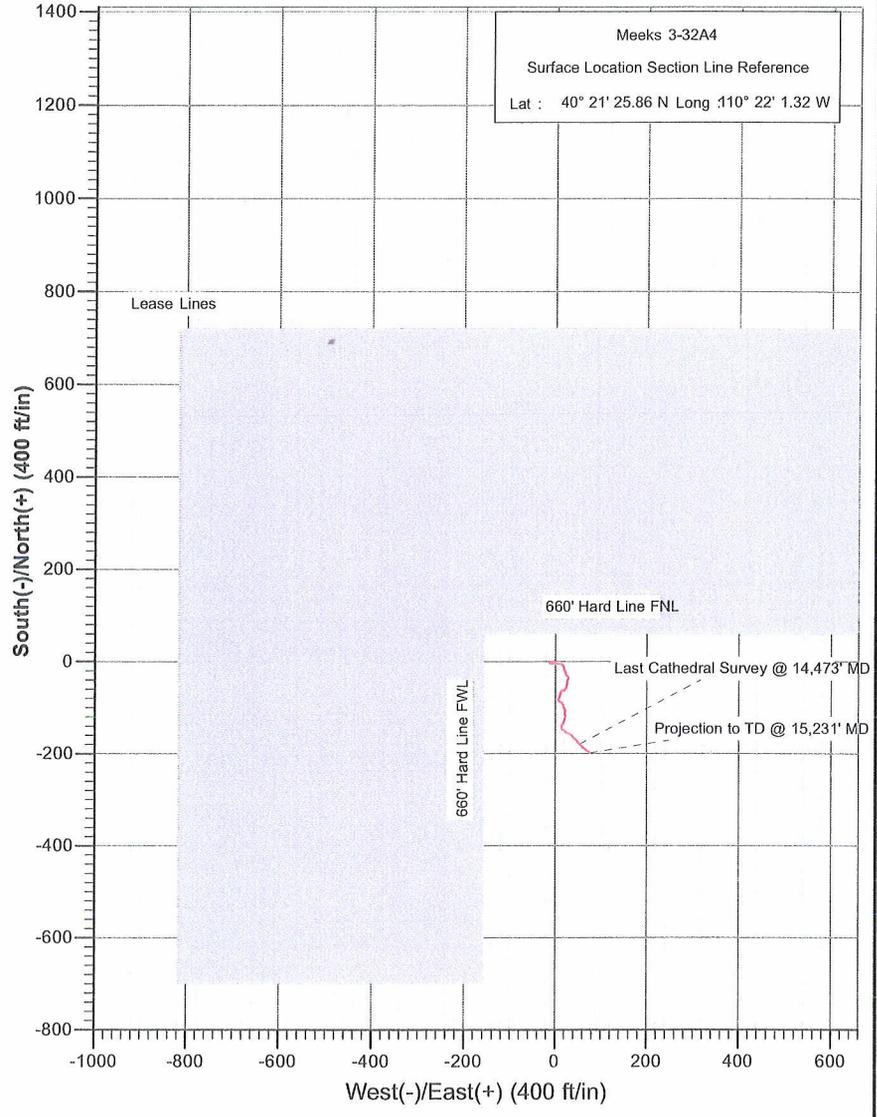
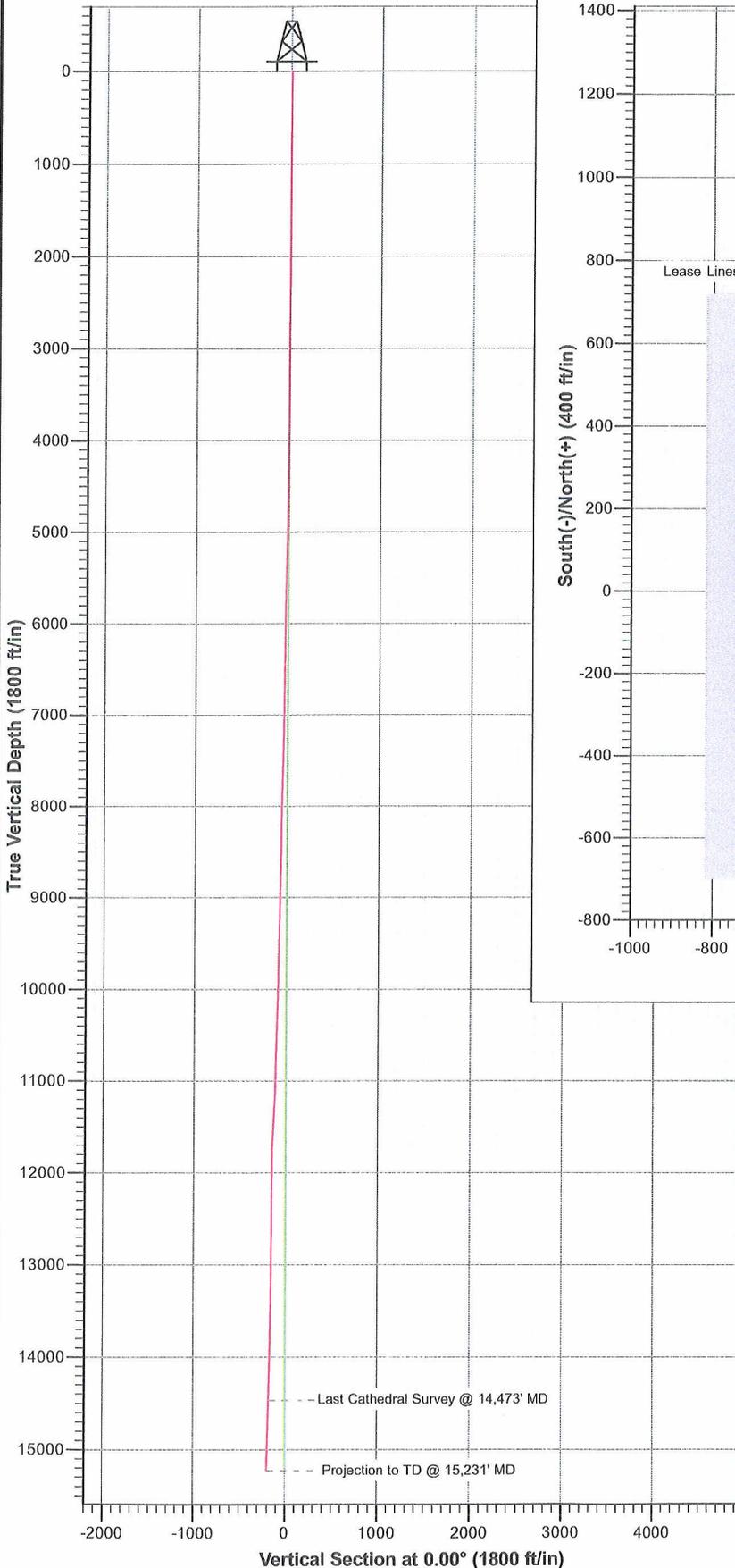
5000 gal 15% HCL, 16500# 100 mesh sand, 247910# sinterlite bauxite 20/40

12373-12802

5000 gal 15% HCL, 14860# 100 mesh sand, 225684# sinterlite bauxite 20/40



Project: Duchesne County, UT
 Site: NWNW Sec 32-T1S-R4W
 Well: Meeks 3-32A4
 Wellbore: DD
 Plan: Final



Azimuths to True North
 Magnetic North: 11.66°

Magnetic Field
 Strength: 52562.6nT
 Dip Angle: 68.04°
 Date: 12/31/2009
 Model: IGRF200510

DESIGN DETAILS: DD
 Job# 105065; LR
 WELL @ 6694.0ft (Precision 426)

Target	Azimuth	Origin Type	N/S	E/W
No Target (Freehand)	0.00	Slot	0.0	0.0

Cathedral Energy Services

Survey Report

Company: El Paso Exploration and Production
Project: Duchesne County, UT
Site: NWNW Sec 32-T1S-R4W
Well: Meeks 3-32A4
Wellbore: DD
Design: DD

Local Co-ordinate Reference: Well Meeks 3-32A4
TVD Reference: WELL @ 6694.0ft (Precision 426)
MD Reference: WELL @ 6694.0ft (Precision 426)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 US Multi Users DB

Project	Duchesne County, UT		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	NAD83 Utah - HARN		
Map Zone:	Zone 12N (114 W to 108 W)		

Site	NWNW Sec 32-T1S-R4W				
Site Position:		Northing:	14,657,462.04 ft	Latitude:	40° 21' 25.86 N
From:	Lat/Long	Easting:	1,816,756.98 ft	Longitude:	110° 22' 1.32 W
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in	Grid Convergence:	0.41 °

Well	Meeks 3-32A4					
Well Position	+N/-S	0.0 ft	Northing:	14,657,462.04 ft	Latitude:	40° 21' 25.86 N
	+E/-W	0.0 ft	Easting:	1,816,756.98 ft	Longitude:	110° 22' 1.32 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	6,662.0 ft

Wellbore	DD				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	11.66	66.04	52,563

Design	DD				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	0.00	

Survey Program	Date	5/14/2010			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
918.0	15,231.0	Survey #1 (DD)	MWD	Geolink MWD	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
918.0	0.00	241.10	918.0	0.0	0.0	0.0	0.00	0.00	
1,012.0	0.20	308.60	1,012.0	0.1	-0.1	0.1	0.21	0.21	
1,108.0	0.40	317.30	1,108.0	0.5	-0.5	0.5	0.21	0.21	
1,171.0	0.50	278.40	1,171.0	0.7	-0.9	0.7	0.50	0.16	
1,266.0	0.50	225.90	1,266.0	0.4	-1.6	0.4	0.47	0.00	
1,360.0	0.70	246.30	1,360.0	-0.1	-2.4	-0.1	0.31	0.21	
1,455.0	0.60	249.50	1,455.0	-0.5	-3.4	-0.5	0.11	-0.11	
1,550.0	0.70	247.70	1,550.0	-0.9	-4.4	-0.9	0.11	0.11	
1,642.0	0.50	262.90	1,642.0	-1.2	-5.4	-1.2	0.28	-0.22	
1,737.0	0.60	245.90	1,737.0	-1.4	-6.2	-1.4	0.20	0.11	
1,833.0	0.70	252.20	1,833.0	-1.8	-7.2	-1.8	0.13	0.10	
1,926.0	0.70	272.20	1,926.0	-1.9	-8.3	-1.9	0.26	0.00	

Cathedral Energy Services

Survey Report

Company: El Paso Exploration and Production
Project: Duchesne County, UT
Site: NWNW Sec 32-T1S-R4W
Well: Meeks 3-32A4
Wellbore: DD
Design: DD

Local Co-ordinate Reference: Well Meeks 3-32A4
TVD Reference: WELL @ 6694.0ft (Precision 426)
MD Reference: WELL @ 6694.0ft (Precision 426)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 US Multi Users DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
2,019.0	0.50	267.20	2,018.9	-1.9	-9.3	-1.9	0.22	-0.22	
2,112.0	0.80	264.20	2,111.9	-2.0	-10.4	-2.0	0.32	0.32	
2,205.0	0.70	274.80	2,204.9	-2.0	-11.6	-2.0	0.18	-0.11	
2,297.0	0.50	257.90	2,296.9	-2.1	-12.5	-2.1	0.29	-0.22	
2,392.0	0.70	139.20	2,391.9	-2.6	-12.6	-2.6	1.09	0.21	
2,486.0	0.80	140.90	2,485.9	-3.6	-11.8	-3.6	0.11	0.11	
2,579.0	1.00	134.50	2,578.9	-4.6	-10.8	-4.6	0.24	0.22	
2,673.0	1.10	83.50	2,672.9	-5.1	-9.3	-5.1	0.97	0.11	
2,768.0	1.20	80.20	2,767.9	-4.8	-7.4	-4.8	0.13	0.11	
2,862.0	1.10	84.60	2,861.9	-4.6	-5.5	-4.6	0.14	-0.11	
2,955.0	1.10	95.90	2,954.8	-4.6	-3.8	-4.6	0.23	0.00	
3,048.0	0.90	91.60	3,047.8	-4.7	-2.2	-4.7	0.23	-0.22	
3,141.0	0.80	85.80	3,140.8	-4.7	-0.8	-4.7	0.14	-0.11	
3,234.0	0.80	91.40	3,233.8	-4.6	0.5	-4.6	0.08	0.00	
3,328.0	0.80	82.90	3,327.8	-4.6	1.8	-4.6	0.13	0.00	
3,420.0	0.90	85.60	3,419.8	-4.4	3.2	-4.4	0.12	0.11	
3,513.0	1.00	96.40	3,512.8	-4.5	4.7	-4.5	0.22	0.11	
3,610.0	1.10	105.40	3,609.8	-4.8	6.5	-4.8	0.20	0.10	
3,704.0	1.20	116.20	3,703.7	-5.5	8.2	-5.5	0.25	0.11	
3,797.0	0.70	86.50	3,796.7	-5.9	9.7	-5.9	0.74	-0.54	
3,890.0	0.90	88.10	3,889.7	-5.8	11.0	-5.8	0.22	0.22	
3,982.0	1.00	101.70	3,981.7	-6.0	12.5	-6.0	0.27	0.11	
4,075.0	0.60	80.00	4,074.7	-6.0	13.7	-6.0	0.53	-0.43	
4,169.0	0.40	117.60	4,168.7	-6.1	14.5	-6.1	0.40	-0.21	
4,264.0	0.40	127.20	4,263.7	-6.5	15.1	-6.5	0.07	0.00	
4,358.0	0.40	122.00	4,357.7	-6.8	15.6	-6.8	0.04	0.00	
4,451.0	0.60	123.00	4,450.7	-7.3	16.3	-7.3	0.22	0.22	
4,545.0	0.50	138.90	4,544.7	-7.8	17.0	-7.8	0.19	-0.11	
4,637.0	0.60	149.60	4,636.7	-8.6	17.5	-8.6	0.16	0.11	
4,731.0	0.60	140.90	4,730.7	-9.4	18.0	-9.4	0.10	0.00	
4,826.0	0.70	151.90	4,825.7	-10.3	18.6	-10.3	0.17	0.11	
4,918.0	0.90	155.90	4,917.7	-11.4	19.2	-11.4	0.23	0.22	
5,012.0	1.00	168.10	5,011.6	-12.9	19.7	-12.9	0.24	0.11	
5,107.0	1.20	172.40	5,106.6	-14.7	20.0	-14.7	0.23	0.21	
5,200.0	1.30	171.70	5,199.6	-16.7	20.2	-16.7	0.11	0.11	
5,235.0	1.40	170.10	5,234.6	-17.5	20.4	-17.5	0.31	0.29	
5,327.0	1.50	156.20	5,326.6	-19.7	21.1	-19.7	0.40	0.11	
5,420.0	1.70	158.90	5,419.5	-22.1	22.0	-22.1	0.23	0.22	
5,512.0	0.90	143.10	5,511.5	-24.0	23.0	-24.0	0.94	-0.87	
5,605.0	1.00	171.60	5,604.5	-25.4	23.5	-25.4	0.51	0.11	
5,699.0	0.70	160.60	5,698.5	-26.7	23.8	-26.7	0.36	-0.32	
5,794.0	1.10	172.40	5,793.5	-28.2	24.1	-28.2	0.46	0.42	
5,886.0	1.20	142.40	5,885.5	-29.8	24.8	-29.8	0.66	0.11	
5,979.0	0.40	123.40	5,978.4	-30.8	25.7	-30.8	0.89	-0.86	
6,072.0	0.40	114.30	6,071.4	-31.1	26.3	-31.1	0.07	0.00	
6,165.0	0.80	133.80	6,164.4	-31.7	27.0	-31.7	0.48	0.43	
6,260.0	0.60	128.30	6,259.4	-32.4	27.9	-32.4	0.22	-0.21	
6,354.0	0.40	128.70	6,353.4	-32.9	28.6	-32.9	0.21	-0.21	
6,449.0	0.70	114.50	6,448.4	-33.4	29.3	-33.4	0.34	0.32	
6,543.0	0.70	153.80	6,542.4	-34.1	30.1	-34.1	0.50	0.00	
6,636.0	0.40	205.70	6,635.4	-34.9	30.2	-34.9	0.59	-0.32	
6,732.0	0.30	172.50	6,731.4	-35.5	30.1	-35.5	0.23	-0.10	
6,826.0	0.80	191.60	6,825.4	-36.4	30.0	-36.4	0.56	0.53	

Cathedral Energy Services

Survey Report

Company: El Paso Exploration and Production
Project: Duchesne County, UT
Site: NWNW Sec 32-T1S-R4W
Well: Meeks 3-32A4
Wellbore: DD
Design: DD

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well Meeks 3-32A4
 WELL @ 6694.0ft (Precision 426)
 WELL @ 6694.0ft (Precision 426)
 True
 Minimum Curvature
 EDM 5000.1 US Multi Users DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
6,921.0	0.50	192.50	6,920.4	-37.4	29.8	-37.4	0.32	-0.32	
7,013.0	1.00	205.40	7,012.4	-38.5	29.4	-38.5	0.57	0.54	
7,108.0	1.60	212.10	7,107.4	-40.4	28.3	-40.4	0.65	0.63	
7,201.0	1.10	203.30	7,200.3	-42.3	27.3	-42.3	0.58	-0.54	
7,294.0	1.50	194.70	7,293.3	-44.3	26.6	-44.3	0.48	0.43	
7,388.0	1.20	135.10	7,387.3	-46.2	27.0	-46.2	1.45	-0.32	
7,481.0	0.80	160.50	7,480.3	-47.5	27.9	-47.5	0.63	-0.43	
7,575.0	1.20	230.30	7,574.3	-48.8	27.3	-48.8	1.27	0.43	
7,668.0	1.30	204.30	7,667.2	-50.4	26.2	-50.4	0.61	0.11	
7,762.0	1.90	171.70	7,761.2	-52.9	25.9	-52.9	1.13	0.64	
7,855.0	2.20	201.90	7,854.2	-56.1	25.5	-56.1	1.19	0.32	
7,948.0	1.60	208.60	7,947.1	-58.9	24.2	-58.9	0.69	-0.65	
8,043.0	2.10	228.10	8,042.1	-61.2	22.3	-61.2	0.84	0.53	
8,137.0	1.30	180.30	8,136.0	-63.4	21.0	-63.4	1.66	-0.85	
8,232.0	1.50	304.70	8,231.0	-63.8	20.0	-63.8	2.61	0.21	
8,327.0	0.80	339.30	8,326.0	-62.4	18.7	-62.4	1.01	-0.74	
8,421.0	1.50	257.50	8,420.0	-62.1	17.3	-62.1	1.70	0.74	
8,517.0	1.60	221.50	8,515.9	-63.4	15.2	-63.4	1.00	0.10	
8,611.0	1.60	208.00	8,609.9	-65.5	13.7	-65.5	0.40	0.00	
8,704.0	1.40	208.10	8,702.9	-67.7	12.5	-67.7	0.22	-0.22	
8,799.0	1.10	188.40	8,797.8	-69.6	11.9	-69.6	0.55	-0.32	
8,892.0	1.60	185.40	8,890.8	-71.8	11.6	-71.8	0.54	0.54	
8,986.0	1.10	207.20	8,984.8	-73.9	11.1	-73.9	0.75	-0.53	
9,080.0	0.90	187.70	9,078.8	-75.4	10.6	-75.4	0.42	-0.21	
9,173.0	1.40	180.40	9,171.8	-77.3	10.5	-77.3	0.56	0.54	
9,267.0	1.90	199.30	9,265.7	-79.9	9.9	-79.9	0.78	0.53	
9,362.0	2.10	278.60	9,360.7	-81.1	7.7	-81.1	2.69	0.21	
9,456.0	1.00	142.20	9,454.7	-81.5	6.5	-81.5	3.09	-1.17	
9,550.0	1.10	164.50	9,548.6	-83.0	7.2	-83.0	0.44	0.11	
9,644.0	1.20	167.00	9,642.6	-84.8	7.7	-84.8	0.12	0.11	
9,739.0	1.70	110.10	9,737.6	-86.3	9.2	-86.3	1.53	0.53	
9,832.0	2.00	117.70	9,830.5	-87.5	12.0	-87.5	0.42	0.32	
9,925.0	1.80	129.50	9,923.5	-89.2	14.5	-89.2	0.47	-0.22	
10,018.0	0.50	142.90	10,016.5	-90.5	15.9	-90.5	1.42	-1.40	
10,112.0	1.10	171.10	10,110.5	-91.7	16.3	-91.7	0.75	0.64	
10,206.0	2.30	155.50	10,204.4	-94.3	17.2	-94.3	1.36	1.28	
10,301.0	2.40	159.80	10,299.3	-97.9	18.7	-97.9	0.21	0.11	
10,395.0	1.20	155.30	10,393.3	-100.6	19.8	-100.6	1.28	-1.28	
10,489.0	2.30	146.40	10,487.3	-103.1	21.2	-103.1	1.20	1.17	
10,585.0	2.00	169.00	10,583.2	-106.3	22.6	-106.3	0.93	-0.31	
10,679.0	1.80	190.40	10,677.1	-109.4	22.7	-109.4	0.78	-0.21	
10,774.0	0.40	242.60	10,772.1	-111.0	22.1	-111.0	1.67	-1.47	
10,868.0	0.80	168.50	10,866.1	-111.8	21.9	-111.8	0.84	0.43	
10,962.0	1.60	177.10	10,960.1	-113.8	22.1	-113.8	0.87	0.85	
11,055.0	1.70	149.10	11,053.1	-116.3	22.9	-116.3	0.86	0.11	
11,149.0	1.80	196.10	11,147.0	-118.9	23.2	-118.9	1.49	0.11	
11,232.0	2.50	199.80	11,230.0	-121.8	22.3	-121.8	0.86	0.84	
11,325.0	2.70	187.70	11,322.9	-125.9	21.3	-125.9	0.63	0.22	
11,419.0	3.00	199.40	11,416.7	-130.4	20.2	-130.4	0.69	0.32	
11,513.0	4.20	212.50	11,510.6	-135.6	17.5	-135.6	1.54	1.28	
11,607.0	2.60	197.10	11,604.4	-140.6	15.0	-140.6	1.95	-1.70	
11,700.0	3.10	171.90	11,697.3	-145.1	14.7	-145.1	1.44	0.54	
11,755.0	1.90	144.60	11,752.2	-147.3	15.5	-147.3	3.02	-2.18	

Cathedral Energy Services

Survey Report

Company: El Paso Exploration and Production
Project: Duchesne County, UT
Site: NWNW Sec 32-T1S-R4W
Well: Meeks 3-32A4
Wellbore: DD
Design: DD

Local Co-ordinate Reference: Well Meeks 3-32A4
TVD Reference: WELL @ 6694.0ft (Precision 426)
MD Reference: WELL @ 6694.0ft (Precision 426)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 US Multi Users DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
11,914.0	0.40	51.60	11,911.2	-149.1	17.4	-149.1	1.23	-0.94	
12,010.0	0.40	101.70	12,007.2	-149.0	18.0	-149.0	0.35	0.00	
12,105.0	0.20	94.60	12,102.2	-149.0	18.5	-149.0	0.21	-0.21	
12,201.0	0.70	124.30	12,198.2	-149.4	19.2	-149.4	0.56	0.52	
12,297.0	0.50	125.30	12,294.2	-150.0	20.0	-150.0	0.21	-0.21	
12,392.0	0.70	131.80	12,389.2	-150.6	20.8	-150.6	0.22	0.21	
12,488.0	0.70	125.00	12,485.2	-151.3	21.7	-151.3	0.09	0.00	
12,583.0	0.40	119.60	12,580.2	-151.8	22.5	-151.8	0.32	-0.32	
12,678.0	0.70	155.90	12,675.2	-152.5	23.0	-152.5	0.47	0.32	
12,774.0	0.50	156.30	12,771.2	-153.4	23.4	-153.4	0.21	-0.21	
12,869.0	0.80	138.50	12,866.2	-154.3	24.0	-154.3	0.38	0.32	
12,964.0	1.10	116.00	12,961.1	-155.2	25.3	-155.2	0.50	0.32	
13,059.0	1.00	107.40	13,056.1	-155.8	26.9	-155.8	0.20	-0.11	
13,155.0	1.20	105.90	13,152.1	-156.4	28.6	-156.4	0.21	0.21	
13,250.0	0.90	97.50	13,247.1	-156.7	30.3	-156.7	0.35	-0.32	
13,345.0	1.10	109.20	13,342.1	-157.1	31.9	-157.1	0.30	0.21	
13,441.0	0.70	118.70	13,438.1	-157.7	33.3	-157.7	0.44	-0.42	
13,536.0	0.70	125.50	13,533.1	-158.3	34.3	-158.3	0.09	0.00	
13,631.0	1.20	129.30	13,628.0	-159.3	35.5	-159.3	0.53	0.53	
13,726.0	1.20	128.60	13,723.0	-160.6	37.1	-160.6	0.02	0.00	
13,821.0	1.30	138.80	13,818.0	-162.0	38.6	-162.0	0.26	0.11	
13,917.0	1.90	138.80	13,914.0	-164.0	40.3	-164.0	0.62	0.62	
14,012.0	1.90	141.70	14,008.9	-166.4	42.4	-166.4	0.10	0.00	
14,107.0	2.00	135.20	14,103.9	-168.8	44.5	-168.8	0.26	0.11	
14,202.0	2.20	137.40	14,198.8	-171.4	46.9	-171.4	0.23	0.21	
14,298.0	2.20	138.20	14,294.7	-174.1	49.4	-174.1	0.03	0.00	
14,392.0	2.30	138.30	14,388.7	-176.8	51.8	-176.8	0.11	0.11	
14,473.0	2.20	129.80	14,469.6	-179.0	54.1	-179.0	0.43	-0.12	Last Cathedral Survey @ 14,473' MD
15,231.0	2.20	129.80	15,227.0	-197.7	76.5	-197.7	0.00	0.00	Projection to TD @ 15,231' MD

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
14,473.0	14,469.6	-179.0	54.1	Last Cathedral Survey @ 14,473' MD
15,231.0	15,227.0	-197.7	76.5	Projection to TD @ 15,231' MD

Checked By: _____ Approved By: _____ Date: _____

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

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

6/1/2012

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

CA No.		Unit:			N/A			
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
Multiple Leases

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
See Attached

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

9. API NUMBER:

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

10. FIELD AND POOL, OR WILDCAT:
See Attached

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

COUNTY:

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

STATE: **UTAH**

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

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

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	
OBERSHANSLY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: MEEKS 3-32A4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013500690000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0721 FNL 0817 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 32 Township: 01.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/23/2013	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

EP may need to acidize with 7500 gals of 15% HCL while doing routine ops.

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

Date: July 22, 2013

By: *Derek Duff*

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 7/22/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		8. WELL NAME and NUMBER: MEEKS 3-32A4
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		9. API NUMBER: 43013500690000
PHONE NUMBER: 713 997-5038 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0721 FNL 0817 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 32 Township: 01.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/27/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Routine Ops"/>

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

Converted rods to ESP. See attached for details. Did not acidize well as permitted.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 31, 2014**

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 1/30/2014	

CENTRAL DIVISION

ALTAMONT FIELD
MEEKS 3-32A4
MEEKS 3-32A4
WORKOVER LAND

Operation Summary Report

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

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	MEEKS 3-32A4		
Project	ALTAMONT FIELD	Site	MEEKS 3-32A4
Rig Name/No.	NABORS DRILLING/0561	Event	WORKOVER LAND
Start Date	11/21/2013	End Date	11/28/2013
Spud Date/Time	11/12/2009	UWI	032-001-S 004-W 30
Active Datum	KB @6,695.0ft (above Mean Sea Level)		
Afe No./Description	162058/49874 / MEEKS 3-32A4		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
11/22/2013	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, RIG MOVE.
	7:30 10:00	2.50	WOR	18		P		MOVE RIG FROM LFR 4-15B4, SPOT & RIG UP. 930 AM HOT OILER START PUMPING DOWN CSG W/ 2% KCL @ 200 DEG.
	10:00 11:30	1.50	WOR	18		P		L/D POLISH ROD, UNSEAT PUMP, PULL UP 3 -1" RODS, HOT OILER FLUSH TBG W/ 70 BBLS 2% KCL @ 200 DEG, RESEAT PUMP PSI TEST TO 500# GOOD.
	11:30 18:00	6.50	WOR	39		P		POOH LAYING DOWN - 117 - 1" EL RODS, 114 - 7/8" EL RODS, 155 - 3/4" EL RODS, 10 - 1 1/2" K-SINKER BARS, 2 1/2" X 1 3/4" X 38' INSERT PUMP. FLUSHING AS NEEDED. TBG SHUT IN, CSG TO SALES, SDFN. 2% KCL PUMPED = 200 BBLS DIESEL USED = 82 GAL PROPANE USED = 200 GAL
11/23/2013	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, N/D & N/U 0# SITP, 50 # FCP 6 AM HOT OILER FLUSH TBG W/ 70 BBLS 2% KCL @ 200 DEG.
	7:30 9:30	2.00	WOR	16		P		X/O TO TBG EQUIP, TIE BACK TO SINGLE LINE, N/D WH, N/U BOPS, RELEASE TAC.
	9:30 14:00	4.50	WOR	39		P		MIRU PRS TBG SCANNERS, POOH SCANNING TBG W/ 310 JTS 2 7/8" N-80 TBG, 7" TAC, 4 JTS 2 7/8" TBG, 6'-2 7/8" TBG SUB, 2 7/8" S.N, 2'-2 7/8" TBG SUB, 4 1/2" PBGA, 2 JTS 2 7/8" N-80 TBG (MUD JTS), 5 3/4" SOLID NO-GO. FLUSHING AS NEEDED TO KEEP TBG CLEAN, FOR SCANNERS. 314 JTS SCANNED 276 YELLOW BAND 27 BLUE BAND 11 RED BAND (NOTE = L/D ALL BLUE & RED BAND) RDMO PRS TBG SCANNERS.
	14:00 15:30	1.50	SL	18		P		MIRU THE PERFORATORS, RIH W/ CCL & 1 11/16" SINKER BARS, TAG @ 15162' WLD, POOH R/D WL.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	15:30 17:30	2.00	WOR	39		P		RIH W/ 2 3/8" BULL PLUG, 5 JTS 2 3/8" N-80 TBG, DESANDER, 7" ARROWSET PACKER, 76 JTS 2 7/8" N-80 TBG, EOT @ 2575', TBG SHUT IN, CSG TO SALES, SDFN. 2% KCL PUMPED = 70 BBLs DIESEL USED = 84 GAL PROPANE USED = 75
11/24/2013	6:00 7:00	1.00	PRDHEQ	18		P		CREW TRAVEL WRITE & REVIEW JSA (TOPIC) RIH SET PKR
	7:00 11:30	4.50	PRDHEQ	39		P		BLOW DOWN WELL, CONT. RIH W/220- JTS 2 7/8", P/U 87- NEW JTS, 7" PKR, DE-SANDER, X-O TO 2 3/8", 5 JTS 2 3/8" TBG & BULL PLUG, SET PKR @ 11,600', EOT @ 11,760',
	11:30 15:00	3.50	PRDHEQ	39		P		POOH W/ 224-JTS 2 7/8" TBG, SECURE WELL, SDFW, EOT @ 4,375'
11/26/2013	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, POOH W/ TBG SITP & FCP 50#, BLEED OFF. HOT OILER START PUMPING DOWN CSG TO KEEP GAS DOWN
	7:30 9:00	1.50	WOR	39		P		EOT @ 4375', POOH W/ 138 JTS 2 7/8" N-80 TBG, L/D ON OFF TOOL.
	9:00 13:00	4.00	WOR	16		P		R/D FLOOR & TBG EQUIP, N/D BOPS, N/U ESP LANDING BOWL, BOPS & HYDRIL, R/U FLOOR & TBG EQUIP, TIE BACK TO SINGLE LINE. CSG TO SALES, BLIND RAMS SHUT & LOCKED, SDFN 2% KCL PUMPED = 50 BBLs DIESEL USED = 48 GAL PROPANE USED = 150 GAL
11/27/2013	6:00 7:30	1.50	WBP	28		P		TRAVEL TO LOCATION, HSM, P/U ESP EQUIP & HANGING SHEEVES 50# FCP, BLEED OFF
	7:30 11:30	4.00	WBP	18		P		MAKE MOTOR LEAD SPLICE, P/U * RIH W/ MOTOR & SENSOR, CONNECT MOTOR LEAD, INSTALL CHEMICAL MANDREL, TIE IN CAP STRING, HANG SHEEVES, P/U 2 - SEALS, GAS SEPERATOR/INTAKE, 4- PUMPS, DISCHARGE, 6' 2 7/8" N-80 TBG SUB. 11 AM HOT OILER START PUMPING DOWN CSG TO KEEP GAS DOWN
	11:30 17:30	6.00	WBP	39		P		RIH BANDING CABLE & CAPSTRING W/ 158 JTS 2 7/8" N-80 TBG, MAKE SPLICE TO 2ND SPOOL OF CABLE @ 5130', RIH W/ 80 JTS 2 7/8" N-80 TBG. EOT @ 7670', SHUT HYDRIL, CSG TO SALES, TBG SHUT IN, SDFN. 2% KCL PUMPED = 100 BBLs DIESEL USED = 90 GAL PROPANE USED = 150 GAL
11/28/2013	6:00 7:30	1.50	WBP	28		P		TRAVEL TO LOCATION, HSM, RIH W/ ESP QUIP. 50# FCP, BLEED OFF, 0# SITP HOT OILER START PUMPING DOWN CSG TO KEEP GAS DOWN.
	7:30 9:30	2.00	WOR	39		P		EOT @ 7670', RIH W/ 119 JTS TBG, BANDING CABLE & CAPSTRING. INSTALL HANGER. TIE IN CAPSTRING, R/D SPOOLERS & SHEEVES.
	9:30 11:30	2.00	WOR	18		P		MAKE LOWER PENETRATOR SPLICE, CONNECT TO PENETRATOR, LAND ON HANGER,
	11:30 12:30	1.00	WOR	16		P		R/D FLOOR & TBG EQUIP, N/D BOPS & HYDRIL, N/U WH.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	12:30 17:00	4.50	WOR	17		P		UNABLE TO START PUMPING, GENERATOR WONT RUN FOR POWER SOURCE ,TWOTP, RDMO, MOVE TO 3-36B5. 2% KCL PUMPED = 140 BBLS DIESEL USED = 80 GAL PROPANE USED = 75 GAL

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: MEEKS 3-32A4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013500690000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0721 FNL 0817 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 32 Township: 01.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/20/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Recomplete in 1-2 stages utilizing ~195,000# prop, 6000# 100 Mesh & 10,000 gals acid. See attached for details.

Approved by the
April 13, 2015
Oil, Gas and Mining

Date: _____
 By: D. K. Quist

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 4/8/2015	

Meeks 3-32A4 Recom Summary Procedure

- POOH with ESP and equipment, inspect/Repair/Re-furbish as needed. Replace any bad tubing and joints of rods.
- Circulate & Clean wellbore
- Set (2) CBP for 4-1/2" 15.1# casing to plug back currently producing zones (Top perf @ 12,373'). 10' cement will be dump bailed on top of both CBP.
- Stage 1:
 - Perforate new UW/CP70 interval from ~**11,600 – 11,765'**
 - Prop Frac perforations with **90,000 Lbs prop (w/3,000 lbs 100 Mesh & 5,000 Gal 15% HCl Acid)** (STAGE 1 Recom)
 - RIH with 4.5"CBP & set 10' shallower than next stage.
- Stage 2:
 - Perforate new UW/CP70 interval from ~**11,370' – 11,580'**
 - Prop Frac perforations with **105,000 Lbs prop (w/3,000 lbs 100 Mesh & 5,000 Gal 15% HCl Acid)** (STAGE 2 Recom)
- Clean out well drilling up 4-1/2" CBP, leaving (2) CBP w/ 10' cmt on top of perfs @ 12,373'.
- RIH w/ ESP & associated equipment.
- Clean location and resume production.

ALTERNATIVE (1 Stage Only)

- Stage 1:
 - Perforate new UW/CP70 interval from ~**11,550' – 11,765'**
 - Prop Frac perforations with **115,000 Lbs prop (w/3,000 lbs 100 Mesh & 5,000 Gal 15% HCl Acid)** (STAGE 1 Recom)
- RIH w/ ESP & associated equipment. Resume production.

Meeks 3-32A4 Recom Squeeze and Plug Drill Out Summary

Procedure

- POOH with tubing & ESP, inspect/Repair/Re-furbish as needed.
- Clean out 7" to TOL @ 11,658'
- Squeeze recom perms 11,559' - 11,762' (66 holes) with 360+ sx Class G cement (or more, depending on injection rates and pressures)
- Pressure test squeeze to 1,000psi
- Drill out CBP @ 11,875' w/ 10' cmt & CBP @ 11,900' w/ 10' cmt
- Clean out to PBTD.
- RIH w/ ESP & associated equipment.
- Clean location and resume production.

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

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:

9. API NUMBER:

10 FIELD AND POOL, OR WILDCAT

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

12. COUNTY

13. STATE

UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

2. NAME OF OPERATOR:

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

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE:

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

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

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

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

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

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

25. TUBING RECORD

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

26. PRODUCING INTERVALS

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

27. PERFORATION RECORD

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

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

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

30. WELL STATUS:

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

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

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

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

35. ADDITIONAL REMARKS (Include plugging procedure)

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

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

This report must be submitted within 30 days of

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

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

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

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

CENTRAL DIVISION

ALTAMONT FIELD

MEEKS 3-32A4

MEEKS 3-32A4

RECOMPLETE LAND

Operation Summary Report

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

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	MEEKS 3-32A4		
Project	ALTAMONT FIELD	Site	MEEKS 3-32A4
Rig Name/No.		Event	RECOMPLETE LAND
Start date	5/1/2015	End date	5/15/2015
Spud Date/Time	11/12/2009	UWI	032-001-S 004-W 30
Active datum	KB @6,695.0ft (above Mean Sea Level)		
Afe No./Description	164868/53873 / MEEKS 3-32A4		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
5/2/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (POOH W/ ESP)
	7:30 9:30	2.00	WOR	16		P		BWD, DISCONNECT FLOW LINES, L/D TREE, NU BOPE W/ HYDRILL. RU WORK FLOOR, TBG AND SPOOLING EQUIPMENT.
	9:30 17:00	7.50	UNINARTLT	39		P		POOH W/ 353 JTS 2 7/8", PSN, 2 JTS, DRAIN SUB, 2 JTS. FLUSH PUMP. LAY DOWN PUMP ASSEMBLY. PUMP # 3 TURNED EASY ON TOP AND LOCKED UP ON BOTTOM (BROKEN SHAFT) WHILE LAYING DOWN PUMPS BAKER CENTRILIFT TECH DROPPED 1 1/8" END WRENCH DOWN WELL BORE. RD SPOOLERS (140 BBLS DOWN WELL)
	17:00 18:30	1.50	WOR	16		N		ND HYDRILL PREP LOCATION FOR SLICK LINE IN A.M.
5/3/2015	6:00 7:30	1.50	SL	28		N		CT TGSM & JSA (SLICK LINE OPERATIONS)
	7:30 13:00	5.50	SL	32		N		RU DELSCO SLICK LINE UNIT, RIH W/ 6" GRACO MAGNET, SPANGS, OIL JARS, WT BARS. TAG AT 8350' HAD TO JAR OUT, RUN PAST 8350' POOH NO FISH. RIH w/ 1 3/4" MAGNET, TAG TOP OF PACKER AT 11,631' (SLICK LINE MEASUREMENTS). DID NOT CATCH FISH.
	13:00 17:30	4.50	WOR	39		N		PUMU & RIH W/ 5 3/4" OVER SHOT DRESSED W/ 3 1/4" GRAPPLE, BUMPER SUB, 4 1/2" IF TO 4 1/2" FH X/O, 4 4 3/4" JARS, 4 4 3/4" DCS, 4 3/4" INTENSIFIER, 4 1/2" IF X 2 7/8" 8RD X/O/ 6' 2 7/8" PUP JOINT, CIH W/ 354 JTS PRODUCTION TBG, PU 3 JTS 2 7/8" WORK STRING. EN GAUGE FISH AT 11,600' RU POWER SWIVEL RELEASE PACKER, RIH PAST 11,600'.
	17:30 19:00	1.50	WOR	39		N		LAY DOWN 3 JTS, RD SWIVEL, COOH W/ 80 JTS 2 7/8" 8RD EUE TBG. SHUT AND LOCK PIPE RAMS, INSTALL AND SHUT TIW VALVE INSTALL NIGHT CAP. SHUT CASING VALVE INSTALL NIGHT CAP.
5/4/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY CREW SHUT DOWN FOR WEEK END
5/5/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC - OVERHEAD LOADS, OPEN HOLE, & PINCH POINTS
	7:00 11:30	4.50	PRDHEQ	39		P		TOH STANDING BACK 314 JTS OF 2 7/8" TUBING, FISHING TOOLS, 7" PACKER, DESANDER, 5 JTS 2 3/8" 8rd N-80 TBG, AND BULLPLUG. SUCCESSFULLY CAUGHT FISH. BREAK FISHING TOOLS AND LAY DOWN.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	11:30 18:30	7.00	WLWORK	26		P		RU WL. RIH w/ 3.70" GR TO 11,930'. POOH w/ GR. PU 4 1/2" 15.1# CBP. RIH TO 11,900, set CBP. POOH. PU DUMP BAILER. RIH DUMP BAIL 10' CEMENT (class G) on CBP. POOH. FILL HOLE w/ KCL water. PU 2nd CBP. RIH TO 11,875', set CBP w/ 2,000 psi on CSG. POOH. PU DUMP BAILER. RIH DUMP BAIL 10' CEMENT (class G) on CBP. POOH. RD WL. SDFN.
5/6/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC - OVERHEAD LOADS, OPEN HOLE, & HIGH PRESSURE
	7:00 12:00	5.00	WOR	16		P		ND 5K BOP. NU 7" 10k FRAC VALVE. NU 7" 10K FRAC STACK, TEST 250 psi LOW & 10,200 psi HIGH. TEST GOOD. RIG UP FLOWBACK.
5/7/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY. WAITING ON FRAC SAND
5/8/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA TOPIC- HIGH PRESSURE, OVERHEAD LOADS, LINE OF FIRE.
	7:00 8:00	1.00	WBP	31		P		PRESSURE TEST CSG AND CBPS TO 8,000 PSI. HELD FOR 15 MIN. TEST GOOD.
	8:00 11:30	3.50	WBP	21		P		MIRU CUTTERS WIRELINE. PRESSURE TEST LUBRICATOR. PU AND RIH w/ PERF GUN. PERF STAGE 1 CORRELATED TO LONE WOLF WIRELINE CBL DATED 5/18/2010 FROM 11,559' TO 11,760 WITH 2 3/4" TAG-RTG GUN, 3 JSPF, AND 120 PHASING. 22' NET OVER 17 INTERVALS. P1=1,000 PSI. P2=1,000 PSI. ALL SHOTS FIRED.
	11:30 12:00	0.50	WBP	21		P		RDMO CUTTERS WIRELINE. SDFD.
5/9/2015	6:00 7:00	1.00	MIRU	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE and REVIEW JSA TOPIC- HIGH PRESSURE, OVERHEAD LOADS, LINE OF FIRE.
	7:00 8:30	1.50	MIRU	01		P		MIRU HES EQUIPMENT AND PRESSURE TEST LINES/EQUIPMENT TO 9,000 PSI.
	8:30 12:40	4.17	STG01	35		P		BREAK DOWN STAGE 1 PERFS @ 9.8 BPM @ 3723 PSI. ESTABLISH RATE TO 39 BPM @ 4800 PSI. ISDP @ 2401PSI, F.G. 0.64 PSI/FT. 5 MIN 1102 PSI. 10 MIN 716 PSI. 15 MIN 428 PSI. TREAT STAGE 1 PERFS W/ 5000 GAL 15% HCL, 3100# 100 MESH IN 1/2 PPG STAGE AND 44,100# TLC 30/50 IN .5,1,2 PPG. WELL BEGAN TO SCREEN OUT ON 1 PPG, CUT SAND, FLUSHED TO TOP PERF, SHUT DOWN. ATTEMPT TO CONTINUE JOB, ESTABLISH RATE AND TREAT @ 50 BPM W/ 74,900# TLC 30/50 IN 1, 2, 2.5 PPG. FLUSH TO TOP PERF ISDP @ 4289 PSI, F.G 0.80 PSI/FT, AVE RATE 50.3 BPM, MAX RATE 76.1 BPM, AVE PRES 4387 PSI, MAX PRES 7604 PSI. SWI. ISIP 4289 PSI, F.G. 0.80 PSI/FT. STAGE 1 WATER TO RECOVER 4896.
	12:40 13:00	0.33	RDMO	28		P		HSM FOR RIG DOWN. TOPIC - CRANE USE, HAND PLACEMENT, COMMUNICATION.
	13:00 15:00	2.00	RDMO	02		P		RDMOL W/ HES EQUIPMENT.
	15:00 15:00	0.00	FB	23		P		OPEN WELL ON 12/64 CHOKE W/ 700 PSI TOT FLOW BACK CREW
	15:00 20:00	5.00	FB	23		P		WELL FLOWING ON 12/64 @ 700 PSI. FLOW BACK 235 BBLs. WELL DEAD. SECURE WELL AND RELEASE FLOW BACK CREW.
5/10/2015	6:00 6:00	24.00	WOR	73		P		NO ACTIVITY
5/11/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY.
5/12/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM AND WRITE AND REVIEW JSA. TOPIC-PINCH POINTS, FALL PROTECTION, TRAPPED PRESSURE.
	7:00 10:00	3.00	SL	32		P		MIRU THE PERFORATORS SLICKLINE UNIT. PU AND RIH W/ 3 5/8" GR AND WEIGHT BARS. TAG FILL AT 11,750' WIRELINE MEASUREMENT. POOH. RDMOL.
	10:00 11:00	1.00	WHDTRE	16		P		NIPPLE DOWN WEATHERFORD FRAC STACK. NIPPLE UP BOPS.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	11:00 17:00	6.00	WOR	39		P		PU AND RIH W/ 3 5/8" ROCK BIT, 2 3/8" BIT SUB, 10 JTS 2 3/8" 8RD EUE WORKSTRING, X-OVER, 343 JTS 2 7/8" 8RD PRODUCTION TBG. INSTALL TIW AND NIGHTCAP AND SECURE WELL. SDFD.
5/13/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC-HIGH PRESSURE LINES, TRIPPING PIPE.
	7:00 10:00	3.00	WOR	39		P		TIH W/ 13 JTS 2 7/8" 8RD PRODUCTION TBG. TAG FILL AT 11,766.5' TUBING MEASUREMENT.
	10:00 12:00	2.00	WOR	10		P		RIG UP POWERSWIVEL. CLEAN OUT FILL TO 11,877' TUBING MEASUREMENT. CIRCULATE 30 MINS TO CLEAN HOLE.
	12:00 17:00	5.00	WOR	39		P		TOH W/ 362 JTS 2 7/8" 8RD PRODUCTION TBG, X-OVER, 10 JTS 2 3/8" 8RD EUE WORKSTRING, 2 3/8" BIT SUB, 3 5/8" ROCK BIT. SDFD.
5/14/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, REVIEW AND WRITE JSA. TOPIC-TRIPPING PIPE, PINCH POINTS
	7:00 11:30	4.50	WOR	39		P		PU AND RIH W/ BULL PLUG, 8 JTS 2 3/8" EUE TBG, 2 3/8" TO 2 7/8" X-OVER, 2 7/8" D-SANDER, 7" ARROWSET PACKER, 361 JTS 2 7/8" PRODUCTION TBG. SET PACKER AT 11,504' TUBING MEASUREMENT. SAT DOWN 15K AND PULLED 20K OVER. ELEMENTS PACKED OFF AND PACKER SET.
	11:30 15:00	3.50	WOR	30		P		POOH LAY DOWN 7 JTS 2 7/8" PRODUCTION TBG AND STAND BACK 354 JTS 2 7/8" PRODUCTION TBG.
	15:00 17:00	2.00	WOR	16		P		NIPPLE DOWN RIG BOPS. NIPPLE UP ANNULAR PREVENTER AND RIG BOPS.
5/15/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC-TRIPPING, PINCHPOINTS
	7:00 11:00	4.00	INARTLT	24		P		MAKE MOTOR LEAD SPLICE, PU AND RIH W/ CHEMICAL MANDREL, TIE IN 1/4" CAP STRING, MOTOR & SENSOR, CONNECT MOTOR LEAD, P/U 2 - SEALS, GAS SEPERATOR/INTAKE, 5- PUMPS, 6' 2 7/8" N-80 TBG SUB.
	11:00 17:00	6.00	INARTLT	39		P		RIH 2 JTS 2 7/8" N-80 TBG, DRAIN SUB, 2 JTS 2 7/8" N-80 TBG, SEAT NIPPLE, 2 JTS 2 7/8" N-80 TBG, COLLAR STOP, 243 JTS 2 7/8" N-80 TBG
5/16/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC-HAND PLACEMENT, OVERHEAD LOADS.
	7:00 10:30	3.50	INARTLT	39		P		RIH BANDING CABLE & CAPSTRING W/ 100 JTS 2 7/8" N-80 TBG.
	10:30 12:00	1.50	INARTLT	03		P		TIE IN CAPSTRING, R/D SPOOLERS & SHEEVES. MAKE TOP SPLICE, CONNECT TO PENETRATOR. LAND TBG IN HANGER.
	12:00 12:00	0.00	INARTLT	08		P		START AND TEST PUMP. TWOTP.
	12:00 12:00	0.00	WOR	16		P		RD FLOOR & TBG EQUIP, ND BOPS & ANNULAR, NU WH.

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		8. WELL NAME and NUMBER: MEEKS 3-32A4
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		9. API NUMBER: 43013500690000
PHONE NUMBER: 713 997-5038 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0721 FNL 0817 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 32 Township: 01.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/13/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="ESP"/>

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

Installed larger ESP. See attached for details.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 10, 2015**

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 11/10/2015	

CENTRAL DIVISION

ALTAMONT FIELD

MEEKS 3-32A4

MEEKS 3-32A4

RECOMPLETE LAND

Operation Summary Report

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

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	11:00 17:00	6.00	WOR	39		P		PU AND RIH W/ 3 5/8" ROCK BIT, 2 3/8" BIT SUB, 10 JTS 2 3/8" 8RD EUE WORKSTRING, X-OVER, 343 JTS 2 7/8" 8RD PRODUCTION TBG. INSTALL TIW AND NIGHTCAP AND SECURE WELL. SDFD.
5/13/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC-HIGH PRESSURE LINES, TRIPPING PIPE.
	7:00 10:00	3.00	WOR	39		P		TIH W/ 13 JTS 2 7/8" 8RD PRODUCTION TBG. TAG FILL AT 11,766.5' TUBING MEASUREMENT.
	10:00 12:00	2.00	WOR	10		P		RIG UP POWERSWIVEL. CLEAN OUT FILL TO 11,877' TUBING MEASUREMENT. CIRCULATE 30 MINS TO CLEAN HOLE.
	12:00 17:00	5.00	WOR	39		P		TOH W/ 362 JTS 2 7/8" 8RD PRODUCTION TBG, X-OVER, 10 JTS 2 3/8" 8RD EUE WORKSTRING, 2 3/8" BIT SUB, 3 5/8" ROCK BIT. SDFD.
5/14/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, REVIEW AND WRITE JSA. TOPIC-TRIPPING PIPE, PINCH POINTS
	7:00 11:30	4.50	WOR	39		P		PU AND RIH W/ BULL PLUG, 8 JTS 2 3/8" EUE TBG, 2 3/8" TO 2 7/8" X-OVER, 2 7/8" D-SANDER, 7" ARROWSET PACKER, 361 JTS 2 7/8" PRODUCTION TBG. SET PACKER AT 11,504' TUBING MEASUREMENT. SAT DOWN 15K AND PULLED 20K OVER. ELEMENTS PACKED OFF AND PACKER SET.
	11:30 15:00	3.50	WOR	30		P		POOH LAY DOWN 7 JTS 2 7/8" PRODUCTION TBG AND STAND BACK 354 JTS 2 7/8" PRODUCTION TBG.
	15:00 17:00	2.00	WOR	16		P		NIPPLE DOWN RIG BOPS. NIPPLE UP ANNULAR PREVENTER AND RIG BOPS.
5/15/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC-TRIPPING, PINCHPOINTS
	7:00 11:00	4.00	INARTLT	24		P		MAKE MOTOR LEAD SPLICE, PU AND RIH W/ CHEMICAL MANDREL, TIE IN 1/4" CAP STRING, MOTOR & SENSOR, CONNECT MOTOR LEAD, P/U 2 - SEALS, GAS SEPERATOR/INTAKE, 5- PUMPS, 6' 2 7/8" N-80 TBG SUB.
	11:00 17:00	6.00	INARTLT	39		P		RIH 2 JTS 2 7/8" N-80 TBG, DRAIN SUB, 2 JTS 2 7/8" N-80 TBG, SEAT NIPPLE, 2 JTS 2 7/8" N-80 TBG, COLLAR STOP, 243 JTS 2 7/8" N-80 TBG
5/16/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC-HAND PLACEMENT, OVERHEAD LOADS.
	7:00 10:30	3.50	INARTLT	39		P		RIH BANDING CABLE & CAPSTRING W/ 100 JTS 2 7/8" N-80 TBG.
	10:30 12:00	1.50	INARTLT	03		P		TIE IN CAPSTRING, R/D SPOOLERS & SHEEVES. MAKE TOP SPLICE, CONNECT TO PENETRATOR. LAND TBG IN HANGER.
	12:00 12:00	0.00	INARTLT	08		P		START AND TEST PUMP. TWOTP.
	12:00 12:00	0.00	WOR	16		P		RD FLOOR & TBG EQUIP, ND BOPS & ANNULAR, NU WH.
8/7/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RIGGING UP RIG. FILL OUT & REVIEW JSA
	7:30 8:30	1.00	WOR	01		P		RU RIG. PUMP 6 BBLs 2% KCL WTR. PRESSURED UP TO 1500 PSI.
	8:30 13:00	4.50	WOR	16		P		STUMP TEST BOP. BLIND RAMS FAILED. CHANGE BLIND RAMS. ND WELLHEAD. NU BOP.
	13:00 17:00	4.00	WOR	32		P		RU BRAIDED LINE UNIT. RIH & RETRIEVE COLLAR STOP @ 11088'. RIH & PUNCH DRAIN SUB. FLUSH TBG W/ 70 BBLs 2% KCL WTR.
	17:00 19:00	2.00	WOR	39		P		HANG SHEAVES & TOOH W/
8/8/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PULLING ESP EQUIPMENT. FILL OUT & REVIEW JSA
	7:30 13:00	5.50	WOR	39		P		CONTINUE TOOH & LD ESP EQUIPMENT
	13:00 14:00	1.00	WOR	16		P		ND HYDRIL. NU STRIPPER HEAD.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	14:00 18:00	4.00	WOR	39		P		TIH W/ ON/OFF SKIRT & 360 JTS 2-7/8"EUE TBG. LATCH & RELEASE DESANDER PKR. TOO H W/ 50 JTS 2-7/8"EUE TBG. SDFN
8/9/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY TODAY. SHUT DOWN FOR WEEKEND
8/10/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY TODAY. SHUT DOWN FOR WEEKEND
8/11/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING TBG. FILL OUT & REVIEW JSA
	7:30 15:00	7.50	WOR	39		P		TRIP OUT OF HOLE W/ 320 JTS 2-7/8" EUE TBG, ON/OFF SKIRT, PKR, DESANDER, X-OVER, 8 JTS 2-3/8"EUE TBG & 2-3/8"EUE BULL PLUG. RECOVERED APPROXIMATELY 1 GALLON OF SAND IN DESANDER ASSEMBLY. TIH W/ 2-3/8"EUE BULL PLUG, 8 JTS 2-3/8"EUE TBG, X-OVER, DESANDER & 40 JTS 2-7/8"EUE TBG KILL STRING. SDFN
8/12/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON MAKING UP PKR. FILL OUT & REVIEW JSA
	7:30 14:30	7.00	WOR	39		P		TOOH W/ 40 JTS 2-7/8"EUE KILL STRING. MU NEW DESANDER (1700 - 2400 BPD) & PKR. & ON/OFF TOOL. TIH W/ 350 JTS 2-7/8"EUE TBG. SET 7" ARROW SET PKR @ 111506' 9CENTER ELEMENT), DESANDER @ 11510' & EOT @ 11768'. RELEASE ON /OFF SKIRT & TOO H W/ TBG & ON / OFF SKIRT.
	14:30 15:30	1.00	WOR	16		P		ND STRIPPER HEAD. NU HYDRIL.
	15:30 16:00	0.50	WOR	39		P		TIH W/ 40 JTS KILL STRING. SDFN W/ TIW VALVE INSTALLED IN TBG & CAPPED, PIPE RAMS CLOSED & LOCKED & CSG VALVE CLOSED & CAPPED. FLOW LINE CSG VALVE IS OPEN TO TREATER.
8/13/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PICKING UP ESP. FILL OUT & REVIEW JSA
	7:30 10:00	2.50	WOR	18		P		TOOH W/ 40 JTS KILL STRING. PU & SERVICE ESP ASSEMBLY.
	10:00 18:00	8.00	WOR	39		P		TIH W/ ESP ASSEMBLY, PUP JT, 2 JTS 2-7/8"EUE TBG, DRAIN SUB, 1 JT 2-7/8"EUE TBG, SEAT NIPPLE & 307 JTS 2-7/8"EUE TBG. SDFN W/ HYDRIL CLOSED, TIW VALVE INSTALLED IN TBG & CAPPED. CSG VALVE CLOSED & CAPPED & TREATER SIDE CSG VALVE OPEN TO TREATER
8/14/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING IN HOLE W/ ESP. FILL OUT & REVIEW JSA
	7:30 9:00	1.50	WOR	39		P		TIH W/ 42 JTS 2-7/8"EUE TBG, BANDING CABLE & CAP STRING TO TBG W/ 3 BANDS PER JT
	9:00 10:00	1.00	WOR	18		P		MAKE LOWER PENETRATER SPLICE. LAND TBG
	10:00 11:30	1.50	WOR	16		P		ND BOP STACK.. NU WELL HEAD. PRESSURE TEST WELL HEAD TO 1000 PSI.
	11:30 12:00	0.50	WOR	18		P		START PUMP & WAIT 2 MINUTES & 40 SECONDS FOR PUMP UP
	12:00 13:00	1.00	RDMO	02		P		RD RIG & MOVE OFF LOCATION.
10/9/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC-OVERHEAD LOADS (ESP SPOOLER EQUIPMENT)
	7:00 9:00	2.00	MIRU	01		P		RU PEAK 1900.
	9:00 10:30	1.50	WOR	16		P		ND WELLHEAD. NU BOP AND ANNULAR PREVENTER.
	10:30 12:00	1.50	UNINARTLT	03		P		RU SPOOLERS AND START OUT OF HOLE W ESP ON TBG.
	12:00 18:30	6.50	UNINARTLT	03		P		POOH W 347 JTS 2 7/8" N-80 TBG, SN, 1 JT 2 7/8" TBG, DRAIN SUB, 2 JTS 2 7/8" TBG, 6' 2 7/8" PUP, PUMP DISCHARGE, 5 PIECE ESP, INTAKE, 2 SEALS, MOTOR, SENSOR, AND CHEM MANDREL. CLOSE BLIND RAMS, INSTALL TIW VALVE AND SECURE WELL.
10/10/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION, HSM, WRITE AND REVIEW JSA. TOPIC-TRIPPING PIPE.
	7:00 8:00	1.00	WOR	16		P		ND ANNULAR PREVENTER.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		8. WELL NAME and NUMBER: MEEKS 3-32A4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0721 FNL 0817 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 32 Township: 01.0S Range: 04.0W Meridian: U		9. API NUMBER: 43013500690000
PHONE NUMBER: 713 997-5038 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/28/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Squeeze & DO Plugs"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Squeeze: Set CPB @ 11685' & CCR @ 11540'. Spotted 250 sx. Drilled up CBP's and cement. Open perms are: 12373'-15198'. See attached for details.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 10, 2015		
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 11/10/2015	

CENTRAL DIVISION

ALTAMONT FIELD

MEEKS 3-32A4

MEEKS 3-32A4

RECOMPLETE LAND

Operation Summary Report

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

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	14:00 18:00	4.00	WOR	39		P		TIH W/ ON/OFF SKIRT & 360 JTS 2-7/8"EUE TBG. LATCH & RELEASE DESANDER PKR. TOO H W/ 50 JTS 2-7/8"EUE TBG. SDFN
8/9/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY TODAY. SHUT DOWN FOR WEEKEND
8/10/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY TODAY. SHUT DOWN FOR WEEKEND
8/11/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING TBG. FILL OUT & REVIEW JSA
	7:30 15:00	7.50	WOR	39		P		TRIP OUT OF HOLE W/ 320 JTS 2-7/8" EUE TBG, ON/OFF SKIRT, PKR, DESANDER, X-OVER, 8 JTS 2-3/8"EUE TBG & 2-3/8"EUE BULL PLUG. RECOVERED APPROXIMATELY 1 GALLON OF SAND IN DESANDER ASSEMBLY. TIH W/ 2-3/8"EUE BULL PLUG, 8 JTS 2-3/8"EUE TBG, X-OVER, DESANDER & 40 JTS 2-7/8"EUE TBG KILL STRING. SDFN
8/12/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON MAKING UP PKR. FILL OUT & REVIEW JSA
	7:30 14:30	7.00	WOR	39		P		TOOH W/ 40 JTS 2-7/8"EUE KILL STRING. MU NEW DESANDER (1700 - 2400 BPD) & PKR. & ON/OFF TOOL. TIH W/ 350 JTS 2-7/8"EUE TBG. SET 7" ARROW SET PKR @ 111506' 9CENTER ELEMENT), DESANDER @ 11510' & EOT @ 11768'. RELEASE ON /OFF SKIRT & TOO H W/ TBG & ON / OFF SKIRT.
	14:30 15:30	1.00	WOR	16		P		ND STRIPPER HEAD. NU HYDRIL.
	15:30 16:00	0.50	WOR	39		P		TIH W/ 40 JTS KILL STRING. SDFN W/ TIW VALVE INSTALLED IN TBG & CAPPED, PIPE RAMS CLOSED & LOCKED & CSG VALVE CLOSED & CAPPED. FLOW LINE CSG VALVE IS OPEN TO TREATER.
8/13/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PICKING UP ESP. FILL OUT & REVIEW JSA
	7:30 10:00	2.50	WOR	18		P		TOOH W/ 40 JTS KILL STRING. PU & SERVICE ESP ASSEMBLY.
	10:00 18:00	8.00	WOR	39		P		TIH W/ ESP ASSEMBLY, PUP JT, 2 JTS 2-7/8"EUE TBG, DRAIN SUB, 1 JT 2-7/8"EUE TBG, SEAT NIPPLE & 307 JTS 2-7/8"EUE TBG. SDFN W/ HYDRIL CLOSED, TIW VALVE INSTALLED IN TBG & CAPPED. CSG VALVE CLOSED & CAPPED & TREATER SIDE CSG VALVE OPEN TO TREATER
8/14/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING IN HOLE W/ ESP. FILL OUT & REVIEW JSA
	7:30 9:00	1.50	WOR	39		P		TIH W/ 42 JTS 2-7/8"EUE TBG, BANDING CABLE & CAP STRING TO TBG W/ 3 BANDS PER JT
	9:00 10:00	1.00	WOR	18		P		MAKE LOWER PENETRATER SPLICE. LAND TBG
	10:00 11:30	1.50	WOR	16		P		ND BOP STACK.. NU WELL HEAD. PRESSURE TEST WELL HEAD TO 1000 PSI.
	11:30 12:00	0.50	WOR	18		P		START PUMP & WAIT 2 MINUTES & 40 SECONDS FOR PUMP UP
	12:00 13:00	1.00	RDMO	02		P		RD RIG & MOVE OFF LOCATION.
10/9/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION. HSM, WRITE AND REVIEW JSA. TOPIC-OVERHEAD LOADS (ESP SPOOLER EQUIPMENT)
	7:00 9:00	2.00	MIRU	01		P		RU PEAK 1900.
	9:00 10:30	1.50	WOR	16		P		ND WELLHEAD. NU BOP AND ANNULAR PREVENTER.
	10:30 12:00	1.50	UNINARTLT	03		P		RU SPOOLERS AND START OUT OF HOLE W ESP ON TBG.
	12:00 18:30	6.50	UNINARTLT	03		P		POOH W 347 JTS 2 7/8" N-80 TBG, SN, 1 JT 2 7/8" TBG, DRAIN SUB, 2 JTS 2 7/8" TBG, 6' 2 7/8" PUP, PUMP DISCHARGE, 5 PIECE ESP, INTAKE, 2 SEALS, MOTOR, SENSOR, AND CHEM MANDREL. CLOSE BLIND RAMS, INSTALL TIW VALVE AND SECURE WELL.
10/10/2015	6:00 7:00	1.00	WOR	28		P		CREW TRAVEL TO LOCATION, HSM, WRITE AND REVIEW JSA. TOPIC-TRIPPING PIPE.
	7:00 8:00	1.00	WOR	16		P		ND ANNULAR PREVENTER.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	8:00 11:00	3.00	WOR	39		P		PU 7" ARROWSET PACKER ON/OFF TOOL. TIH W 348 JTS 2 7/8" PRODUCTION TBG AND 12 JTS 2 7/8" WORKSTRING. LATCH ONTO PACKER AND UNSET W NO ISSUES.
	11:00 15:00	4.00	WOR	39		P		POOH W 7" ARROWSET PACKER AND 360 JTS 2 7/8" TBG.
	15:00 16:00	1.00	WOR	39		P		PU 4 1/2" 15.1 PPF ARROWSET PACKER. TIH W 4 JTS 2 3/8" TBG AND 80 JTS 2 7/8" TBG. INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL. SHUT DOWN FOR WEEKEND.
10/13/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (RIH W/ TBG)
	7:30 12:30	5.00	WOR	39		P		CIH W/ 278 JTS, 10',4' 2 7/8" 8RD L-80 TBG, ATTEMPT TO SET PACKER @ 11,684' TM, PU JT ATTEMPT TO SET @ 11,705' WOULD NOT SET, DROP DOWN TO 11,717 TM SET, PU 10' W/ NOT SET, DROP BACK TO 11,717 RE SET PACKER.
	12:30 19:30	7.00	WOR	38		P		RU SWABBING EQUIPMENT, MAKE 20 CONSECUTIVE SWAB RUNS, INITIAL FLUID LEVEL @ 1450' FINAL FLUID LEVEL @ 3500 RECOVERING 230 BBLs 1ST 4 RUNS HAD TRACE OF OIL THEN NO TRACE FOR REMINING RUNS. INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL.
10/14/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (SWABBING)
	7:30 15:30	8.00	WOR	38		P		RU SWABBING EQUIPMENT, MAKE 32 CONSECUTIVE SWAB RUNS, INITIAL FLUID LEVEL @ 1500' FINAL FLUID LEVEL @ 3500 RECOVERING 325 BBLs HAD SMALL TRACE OF OIL, RIG DOWN SWAB
	15:30 19:00	3.50	WOR	39		P		RELEASE PACKER, POOH W/ 3 JTS 2 7/8", L/D SUBS, COOH W/ 298 JTS 2 7/8" 8RD L-80 TBG. INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL.
10/15/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (POOH W/ TBG)
	7:30 8:00	0.50	WOR	39		P		BWD, COOH W/ TBG, L/D 4 1/2" PKR
	8:00 12:00	4.00	WLWORK	26		P		MIRU WIRE LINE, SET 4 1/2" CBP @ 11,685' & SET CCR @ 11,540' RDMOL W/ WIRE LINE.
	12:00 17:00	5.00	WOR	39		P		RIH W/ STINGER, 2 JTS PSN, 358 JTS 2 7/8" 8RD L-80, 4' PUP JT, 1 JT @ 11,572'. FILL AND TEST CASING, ESTABLISH INJECTION RATE 3 BPM @ 750 PSI. ATTEMPT TO PARTIALLY STING OUT AND TEST TBG, COULD NOT GET TO WORK CORRECTLY.
	17:00 21:00	4.00	BL	32		P		RU BRAIDED LINE TRUCK RIH W/ STANDING VALVE, SEAT IN PSN, POOH PRESSURE TEST TBG. INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL.
10/16/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (PUMPING CEMENT)
	7:30 9:30	2.00	BL	32		P		RU SAVAGE BRAIDED LINE UNIT, RIH FISH STANDING VALVE. RDMOL W/ SAVAGE
	9:30 14:00	4.50	WOR	06		P		ESTABLISH INJECTION RATE 3 BPM @ 750 PSIG W/ 20 BBLs. STING OUT SPOT 250 SX 15.8 PPG CEMENT W/ ADDITIVES, HOLDING BACK PRESSURE, STING IN PUMP 20 BBLs FLUSH PRESSURED UP TO 3000 PSIG, LET SET FOR 5 MINUTES LOST 300 PSI PRESSURE UP TO 4000 PSIG LET SET FOR 5 MINUTES LOST 200 PSIG, STING OUT REVERSE CLEAN W/ 130 BBLs.
	14:00 18:30	4.50	WOR	39		P		POOH W/ 1 JT, 4' PUP JT, 358 JTS, PSN, 2JTS L/D STINGER, PUMU & RIH W/ 6" BIT, BIT SUB, 4 4 3/4" DCS, X/O TO 8RD, PUP JT, 3 JTS, PSN, 40 JTS 2 7/8" 8RD EUE TBG. INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL.
10/17/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (RIH W/ TBG)
	7:30 10:30	3.00	WOR	39		P		CIH W/ 2 7/8" 8RD TBG, TAG W/ JT# 357 PU POWER SWIVEL, RIG UP PUMP AND RETURN LINES. BREAK CIRCULATION TAG CCR @ 11,572'.
	10:30 19:30	9.00	WOR	72		P		DRILL UP CCR AND 15' CEMENT. CIRCULATE CLEAN TEST TO 1000 PSIG GOOD TEST. INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
10/18/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (DRILLING CEMENT)
	7:30 14:30	7.00	WOR	72		P		BREAK CIRCULATION DRILL CEMENT FROM 11,587' TO LINER TOP @ 11,690' T.M TESTING EVERY JOINT. CIRCULATE CLEAN TEST TO 1000 PSIG FOR 30 MINUTES GOOD TEST. RD POWER SWIVEL. PULL ABOVE PERFS.
	14:30 20:00	5.50	WOR	38		P		RU SWAB MAKE 15 CONSECUTIVE RUNS IFL 100' RECOVER 150 BBLS WATER FFL @ 4400'. INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL.
10/19/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVITY SHUT DOWN FOR WEEK END
10/20/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (SWABBING)
	7:30 10:30	3.00	WOR	38		P		RU SWAB RIH TAG FLUID LEVEL AT 3400'. RD SWAB TEST CASING TO 1700 PSI, 10 MIN 1640, 20 MIN 1600, 30 MIN 1525, 60 MIN 1500.
	10:30 15:30	5.00	WOR	39		P		POOH W/ 349 JTS PSN, 3 JTS 2 7/8" 8RD EUE TBG, L/D 4 3/4" DCS ASSEMBLY.
	15:30 20:00	4.50	WOR	39		P		PUMU & RIH W/ 3 5/8" BIT, BIT SUB, 4 3 1/8" DCS W/ 3 1/16" FISH NECKS, PAC PIN X 2 3/8" 8RD X/O, 4' PUP JT, 4 JTS 2 3/8", 2 3/8" 8RD PIN X 2 7/8" BOX X/O, TAG W/ JT# 357 @ 11,690' L/D 4 JTS. INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL.
10/21/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (POWER SWIVEL OPERATIONS)
	7:30 18:30	11.00	WOR	72		P		TAG @ 11,690' BREAK CIRCULATION, DRILL CEMENT TO CBP @ 11,717' DRILL UP CBP CONTINUE DRILLING CEMENT TO 11,760' TM, FELL THROUGH CEMENT SWIVEL DOWN 2 JTS TO 11,826'. CIRCULATE CLEAN. PULL ABOVE PERFS TEST CASING TO 1000 PSIG HELD GOOD FOR 30 MINUTES. TEST TO 1700 PSIG, LOST 60 PSI IN 30 MINUTES.
	18:30 20:00	1.50	WOR	38		P		RU SWAB MAKE 15 CONSECUTIVE RUNS IFL SURFACE, FFL @ 4000' RECOVER 148 BBLS, INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL. CREW TRAVEL
10/22/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (SWABBING OPERATIONS)
	7:30 14:00	6.50	WOR	38		P		RU SWAB EQUIPMENT, RIH TAG FLUID @ 3800' FLUID ENTRY 200' OVER NIGHT. MAKE 15 CONSECUTIVE RUNS, RECOVER 150 BBLS FLUID. FINAL FLUID LEVEL @ 6200'. MAKE 2 HOURLY RUNS 1ST HOUR FLUID ENTRY 123'. 2ND HOUR 49'. RD SWAB EQUIPMNET
	14:00 19:00	5.00	WOR	39		P		POOH W/ 337 JTS, PSN, 3 JTS 2 7/8" 8RD, X/O TO 2 3/8", 4 JTS, X/O TO PAC, 4 3 1/8" DCS, BIT SUB, 3 5/8" BIT. MU & RIH W/ 3 5/8" BIT, BIT SUB, 4 3 1/8" DCS, PAC X 2 3/8" 8RD X/O, 4 JTS 2 3/8", CIH PU 82 JTS 2 3/8" 8RD WORK STRING. X/O 2 7/8" PUP JT, INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL. CREW TRAVEL
10/23/2015	6:00 7:30	1.50	WOR	28		P		TGSM & JSA (PU TBG) TSIP & CSIP @ 40 PSIG, BWD
	7:30 20:00	12.50	WOR	39		P		L/D PUP JT, PUMU & RIH W/ 26 JTS 2 3/8", X/O TO 2 7/8", CIH W/ 257 JTS 2 7/8" 8RD TBG, TAG @ 11,861'. RU POWER SWIVEL, BREAK CIRCULATION, CLEAN OUT SAND TO TOP OF CEMENT, DRILL UP CEMENT, CBP, CEMENT, CBP. WELL WENT ON VACUUM, CIH TAG PBTD @ 15,215' (BTM PERF 15,198') W/ 2 7/8" JT # 360. POOH ABOVE LINER TOP W/ 118 JTS 2 7/8" 8RD TBG.
10/24/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM & JSA (POOH W/ WET TBG)
	7:30 13:30	6.00	WOR	39		P		BWD COOH W/ 242 JTS 2 7/8" 8RD TBG, X/O TO 2 3/8", LAY DOWN 112 JTS 2 3/8", X/O, 4 3 1/8" DCS, BIT SUB, BIT
	13:30 18:00	4.50	WOR	39		P		RIH W/ 2 3/8" BULL PLUG, 8 JTS 2 3/8" 8RD, X/O TO 2 7/8", #7 DE SANDER, 7" KLX PACKER, RETRIEVING HEAD, 358 JTS 2 7/8" 8RD, SET PACKER @ 11,483'.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	18:00 20:00	2.00	WOR	39		P		POOH W/ 100 JTS 2 7/8" 8RD TBG. INSTALL TIW VALVE, SHUT PIPE RAMS AND SECURE WELL. CREW TRAVEL
10/25/2015	6:00 6:00	24.00	WOR	28		P		NO ACTIVITY SHUT DOWN FOR WEEK END
10/26/2015	6:00 6:00	24.00	WOR	18		P		SHUT DOWN FOR WEEK END
10/27/2015	6:00 7:30	1.50	WOR	28		P		CT TGSM AND JSA (POOH W/ TBG)
	7:30 10:30	3.00	WOR	39		P		POOH W/ 258 JTS 2 7/8" 8RD TBG, LAY DOWN ON/OFF TOOL.
	10:30 11:30	1.00	WOR	16		P		RD WORK FLOOR, NU HYDRILL RU WORK FLOOR.
	11:30 20:00	8.50	INARTLT	39		P		RU SPOOLERS, PU & SERVICE BAKER HUGHS 400 FLEX 3.2 PUMP ASSEMBLY (PLACING MOTOR IN 5 1/2" O.D SHROUD) RIH W/ 2 3/8" CHEMICAL MANDRILL, CENTINEL, 105 H.P 2040 VOLT, 32 AMP MOTOR, TANDOM SEALS, INTAKE, 5 PUMPS, 2 7/8" X/O, 4' PUP JT, 2 JTS, DRAIN SUB, 2 JTS +45 PSN, 2 JTS COLLAR STOP, 226 JTS 2 7/8" BANDING ESP CABLE & 1/4" CAP 3 BANDS PER JT. SHUT HYDRILL, INSTALL TIW VALVE W/ NIGHT CAP. SHUT CASING VALVES AND INSTALL NIGHT CAPS.
10/28/2015	6:00 7:30	1.50	INARTLT	28		P		CT TGSM & JSA (RIH W/ ESP)
	7:30 14:30	7.00	INARTLT	25		P		CIH W/ 120 JTS 2 7/8" 8RD L-80 BANDING 1/4" CAP TUBE AND #4 ESP CABLE 3 BANDS PER JT. SPLICE & CONNECT LOWER PENETRATOR. LAND TBG, ND BOP AND HYDRILL. MU TREE, FLUSH FLOW LINE. PRESSURE UP AND TEST MURPHYS. PUMP UP IN 62 MINUTES. TOTP

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: MEEKS 3-32A4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013500690000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5138 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0721 FNL 0817 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 32 Township: 01.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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: 10/19/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text" value="Upsize"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Upsized ESP. See attached for details.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 November 28, 2016**

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5138	TITLE Consultant
SIGNATURE N/A	DATE 11/9/2016	

CENTRAL DIVISION

ALTAMONT FIELD
MEEKS 3-32A4
MEEKS 3-32A4
WORKOVER LAND

Operation Summary Report

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

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	MEEKS 3-32A4		
Project	ALTAMONT FIELD	Site	MEEKS 3-32A4
Rig Name/No.	WESTERN WELL SERVICE/	Event	WORKOVER LAND
Start date	10/12/2016	End date	
Spud Date/Time	11/12/2009	UWI	032-001-S 004-W 30
Active datum	KB @6,695.0usft (above Mean Sea Level)		
Afe No./Description	167294/57592 / MEEKS 3-32A4		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
10/13/2016	10:00 12:30	2.50	PRDHEQ	18		P		ROAD WOR FROM 2-34C6 TO 3-32A4, MIRU. FLUSH TBG W/ 45 BBLS PRESSURE UP TO 1500 PSI, BLED OFF.
	12:30 14:00	1.50	PRDHEQ	18		P		X-O TO TBG EQUIP, TIE BACK, N/D W.H., N/U 5K BOPE & HYDRILL, R/U WORK FLOOR & TONGS.
	14:00 18:00	4.00	PRDHEQ	18		P		P/U ON TBG , CUT CABLE & CAP STRING, MIRU SPOOLERS, L/D 1 JT 2 7/8" W/ TBG HANGER, TOOHW W/ ESP, CABLE, 1/4" CAP STRING & 198 JTS 2 7/8" L-80 TBG, SHUT IN TBG W/ TIW VALVE, CSG TO SALES, SDFD.
10/14/2016	6:00 7:00	1.00	PRDHEQ	46		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) LAY DOWN ESP EQUIPMENT
	7:00 9:30	2.50	PRDHEQ	18		P		50 PSI ON WELL BLED OFF, CONTINUE TOOHW W/ ESP, CABLE, 1/4" CAP STRING & 156 JTS 2 7/8", COLLAR STOP, 2 JTS 2 7/8", PSN, 2 JTS 2 7/8", DRAIN SUB, 2 JTS 2 7/8",
	9:30 10:00	0.50	PMPNG	24		P		FLUSH PUMPS W/ 5 BBLS HOT 2% KCL @ 1300 PSI
	10:00 13:00	3.00	PRDHEQ	18		P		L/D 6' X 2 7/8" SUB, 5 PUMPS, GAS SEPERATOR, DUEL SEALS, MOTOR, SENSOR, CHEM MANDREL., 2 LEADS ON MOTOR LEAD WERE MELTED IN HALF, AROUND 11,355', ALL THE ESP EQUIP WAS TUFF TO TURN, CABLE CHECKED GOOD, FOUND SPLICE IN CAP STRING @ 11,398', TESTED IT TO 3000 PSI, GOOD TEST.
	13:00 19:00	6.00	PRDHEQ	18		P		TIH W/ RETRIEVAL TOOL, PSN, 358 JTS 2 7/8" TBG, LATCH ONTO & RELEASE 7" AS-1 PKR @ 11,482', TOOHW W/ 20 JTS 2 7/8", INSTALL TIW, SHUT IN PIPE RAMS, SECURE WELL, SDFD.
10/15/2016	6:00 7:00	1.00	PRDHEQ	46		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) HAND PLACEMENT
	7:00 9:00	2.00	PRDHEQ	18		P		BLED OFF WELL, TOOHW W/ 120 JTS 2 7/8", INSIDE OF TBG
	9:00 9:30	0.50	PMPNG	24		P		R/U HOT OILER, FLUSH TBG W/ 25 GALS OF PARAFFIN SOLVENT & 60 BBLS HOT 2% KCL
	10:00 13:30	3.50	PRDHEQ	18		P		TOOHW W/ 338 JTS 2 7/8", L/D 7" PKR, # 7 DESANDER, 8 JTS 2 3/8" TBG & BULL PLUG, BTM HAD 10' OF FILL IN IT.
	13:30 18:00	4.50	PRDHEQ	18		P		RIH W/ 2 3/8" BULL PLUG, 9 JTS 2 3/8", 2 3/8" X 2 7/8" X-O, 4 JTS 2 7/8", # 11 DESANDER, 7" ARROW SET PKR, ON/OFF TOOL, MIRU HYDRO TESTER, TIH W/ BHA TESTING TBG TO 8500 PSI, W/ 192 JTS 2 7/8" L-80 8rd, INSTALL TIW VALVE, CLOSE PIPE RAMS, SECURE WELL, SDFW. FOUND A COLLAR / PIN LEAK IN MIDDLE OF STAND 142 @ 9119', L/D JTS # 283 & 284.
10/16/2016	6:00 6:00	24.00	PRDHEQ	18		P		NO ACTIVITY, SDFW.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
10/17/2016	6:00 6:00	24.00	PRDHEQ	18		P		NO ACTIVITY, SDFW.
10/18/2016	6:00 7:00	1.00	PRDHEQ	46		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) HYDRO TESTING TUBING
	7:00 12:00	5.00	PRDHEQ	18		P		BLED OFF CSG HAD 50 PSI, TBG ON VACUUM, CONTINUE TIH HYDRO TESTING TBG TO 8500 PSI W/ 178 JTS 2 7/8" L-80, R/D TESTER. SET 7" AS-1 PKR @ 11,496', RELEASE ON/OFF TOOL, L/D 3 JTS 2 7/8".
	12:00 13:00	1.00	PMPNG	24		P		R/U HOT OILER, FLUSH TBG W/ 60 BBLS HOT 2% KCL
	13:00 17:00	4.00	PRDHEQ	18		P		TOOH W/ 370 JTS 2 7/8' L-80 TBG, L/D ON/OFF TOOL, CLOSE BLIND RAMS, SECURE WELL, SDFD.
10/19/2016	6:00 8:30	2.50	PRDHEQ	28		P		TRAVEL TO EP OFFICE, ATTEND ROD TRAINING SCHOOL, TRAVEL TO LOCATION.
	8:30 11:00	2.50	PRDHEQ	18		P		0 PSI ON CSG, WRITE & REVIEW JSA ON PICKING UP ESP EQUIPMENT, MIRU SPOOLERS, P/U ASSEMBLE ESP EQUIP, 2 3/8" CHEM MANDREL, SENSOR, MOTOR, 2-SEALS, GAS SEPARATOR, 3 PUMPS, DISCHARGE, 4' X 2 7/8" SUB, PLUG IN MOTOR LEAD, SERVICE ESP.
	11:00 18:00	7.00	PRDHEQ	39		P		TIH W/ P8 ESP EQUIP, BANDING CABLE & 1/4" CAP STRING TO TBG W/ 2 JTS 2 7/8" , DRAIN SUB, 2 JTS 2 7/8", SEAT NIPPLE, 2 JTS 2 7/8", COLLAR STOP, 304 JTS 2 7/8" L-80 TBG EOP @ 9860', CLOSE HYDRILL, INSTALL TIW VALVE, SECURE WELL, SDFD.
10/20/2016	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) NIPPLE DOWN HYDRILL & BOPE
	7:00 10:45	3.75	PRDHEQ	39		P		0 PSI, CONTINUE TIH W/ ESP EQUIP, BANDING CABLE & 1/4" CAP STRING TO TBG W/ 61 JTS 2 7/8", SPACE OUT CABLE, ADD 6' X 2 7/8" SUB, SPLICE ON LOWER CONNECTOR, HOOK UP CAP STRING, LAND TBG ON HANGER.
	10:45 11:45	1.00	PRDHEQ	16		P		R/D TONGS & WORK FLOOR, ND HYDRILL & BOPE, NU WH, TEST FLOW LINE TO 800 PSI, FLUSH FLOW LINE W/ 20 BBLS HOT 2% KCL.
	11:45 13:10	1.42	PRDHEQ	18		P		START DRIVE, CHANGE OUT FUSES, START ESP, PUMP FLUID TO SURF IN 28 MINS., TWOTO.
	13:10 14:00	0.83	RDMO	02		P		R/D WOR, CLEAN LOCATION, MOVE TO THE 3-8B4.