

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

FORM 3  
 AMENDED REPORT

|  |   |   |
|--|---|---|
| <b>APPLICATION FOR PERMIT TO DRILL</b>   |   | <b>1. WELL NAME and NUMBER</b><br>Horrocks 4-20A1   |
| <b>2. TYPE OF WORK</b><br>DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>                |   | <b>3. FIELD OR WILDCAT</b><br>BLUEBELL  |
| <b>4. TYPE OF WELL</b><br>Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>  |   | <b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>  |
| <b>6. NAME OF OPERATOR</b><br>EL PASO E&P COMPANY, LP  |   | <b>7. OPERATOR PHONE</b><br>303 291-6417  |
| <b>8. ADDRESS OF OPERATOR</b><br>1099 18th ST, STE 1900 , Denver, CO, 80202  |   | <b>9. OPERATOR E-MAIL</b><br>marie.okeefe@elpaso.com  |
| <b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE</b>  | <b>11. MINERAL OWNERSHIP</b><br>FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |   |
| <b>12. SURFACE OWNERSHIP</b><br>FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>    |   | <b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b><br>See attachment Related Surface Info   |
| <b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>   |   | <b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>   |
| <b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>  |   | <b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>   |
| <b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b><br>YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/> |   | <b>19. SLANT</b><br>VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> |

| 20. LOCATION OF WELL                   | FOOTAGES         | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN |
|--|------------------|---------|---------|----------|-------|----------|
| <b>LOCATION AT SURFACE</b>             | 673 FSL 1963 FWL | SESW    | 20      | 1.0 S    | 1.0 W | U        |
| <b>Top of Uppermost Producing Zone</b> | 673 FSL 1963 FWL | SESW    | 20      | 1.0 S    | 1.0 W | U        |
| <b>At Total Depth</b>                  | 673 FSL 1963 FWL | SESW    | 20      | 1.0 S    | 1.0 W | U        |

|   |  |  |
|---|--|--|
| <b>21. COUNTY</b><br>DUCHESNE               | <b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b><br>673                                      | <b>23. NUMBER OF ACRES IN DRILLING UNIT</b><br>640   |
|   | <b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b><br>2000 | <b>26. PROPOSED DEPTH</b><br>MD: 13350 TVD: 13350  |
| <b>27. ELEVATION - GROUND LEVEL</b><br>5582 | <b>28. BOND NUMBER</b><br>400JU0708  | <b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b><br>Roosevelt City Water |

**ATTACHMENTS**

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

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

|  |   |                                      |
|--|---|--------------------------------------|
| <b>NAME</b> Marie Okeefe                     | <b>TITLE</b> Sr Regulatory Analyst  | <b>PHONE</b> 303 291-6417            |
| <b>SIGNATURE</b>                             | <b>DATE</b> 09/26/2009  | <b>EMAIL</b> marie.okeefe@elpaso.com |
| <b>API NUMBER ASSIGNED</b><br>43013501550000 | <b>APPROVAL</b><br><br>Permit Manager |                                      |

**Proposed Hole, Casing, and Cement**

| <b>String</b> | <b>Hole Size</b> | <b>Casing Size</b> | <b>Top (MD)</b> | <b>Bottom (MD)</b> |  |  |
|---------------|------------------|--------------------|-----------------|--------------------|--|--|
| Cond          | 17.5             | 13.375             | 0               | 800                |  |  |
| <b>Pipe</b>   | <b>Grade</b>     | <b>Length</b>      | <b>Weight</b>   |                    |  |  |
|               | Grade J-55 ST&C  | 800                | 54.5            |                    |  |  |
|               |                  |                    |                 |                    |  |  |

**CONFIDENTIAL**

**Proposed Hole, Casing, and Cement**

| <b>String</b> | <b>Hole Size</b> | <b>Casing Size</b> | <b>Top (MD)</b> | <b>Bottom (MD)</b> |  |  |
|---------------|------------------|--------------------|-----------------|--------------------|--|--|
| I1            | 8.75             | 7                  | 0               | 10545              |  |  |
| <b>Pipe</b>   | <b>Grade</b>     | <b>Length</b>      | <b>Weight</b>   |                    |  |  |
|               | Grade P-110 LT&C | 10545              | 26.0            |                    |  |  |
|               |                  |                    |                 |                    |  |  |

**CONFIDENTIAL**

| <b>Proposed Hole, Casing, and Cement</b> |                  |                    |                 |                    |  |  |
|--|------------------|--------------------|-----------------|--------------------|--|--|
| <b>String</b>                            | <b>Hole Size</b> | <b>Casing Size</b> | <b>Top (MD)</b> | <b>Bottom (MD)</b> |  |  |
| Prod                                     | 6.125            | 4.5                | 0               | 13350              |  |  |
| <b>Pipe</b>                              | <b>Grade</b>     | <b>Length</b>      | <b>Weight</b>   |                    |  |  |
|  | Grade P-110 LT&C | 3005               | 15.1            |                    |  |  |
|  |                  |                    |                 |                    |  |  |

CONFIDENTIAL

**Proposed Hole, Casing, and Cement**

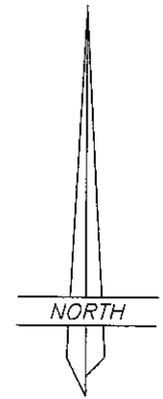
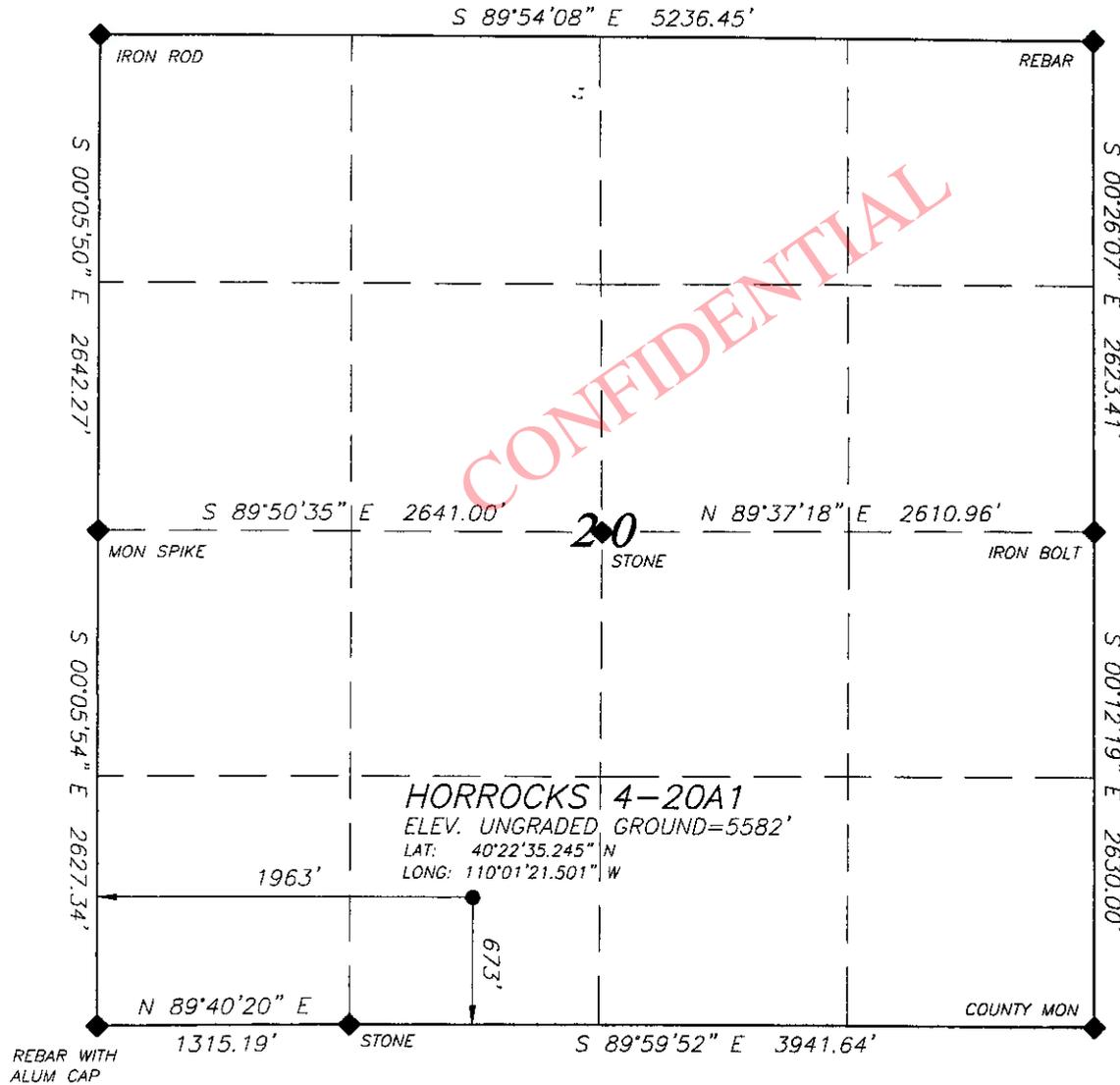
| <b>String</b> | <b>Hole Size</b> | <b>Casing Size</b> | <b>Top (MD)</b> | <b>Bottom (MD)</b> |  |  |
|---------------|------------------|--------------------|-----------------|--------------------|--|--|
| Surf          | 12.25            | 9.625              | 0               | 6070               |  |  |
| <b>Pipe</b>   | <b>Grade</b>     | <b>Length</b>      | <b>Weight</b>   |                    |  |  |
|               | Grade N-80 LT&C  | 6070               | 40.0            |                    |  |  |
|               |                  |                    |                 |                    |  |  |

**CONFIDENTIAL**

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

WELL LOCATION  
HORROCKS 4-20A1

LOCATED IN THE SE¼ OF THE SW¼ OF SECTION 20, T1S, R1W, U.S.B.&M. DUCHESNE COUNTY, UTAH

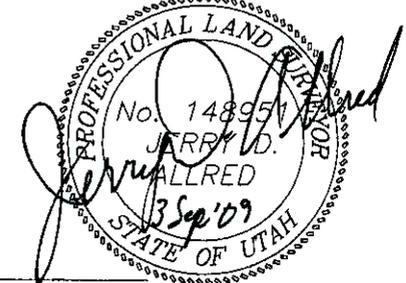


SCALE: 1"=1000'



### SURVEYOR'S CERTIFICATE

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



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

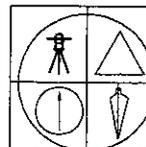
### LEGEND AND NOTES

- ◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY  
THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP  
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT  
THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A CONTROL POINT LOCATED AT LAT.40°20'35.626N AND LONG 109°59'30.141"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

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

REV 24 AUG 2009

29 APR 2009 01-128-075



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

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

**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 18<sup>th</sup> Street, Suite 1900, Denver, Colorado 80202 ("El Paso").
2. El Paso is the Operator of the proposed Horrocks 4-20A1 well to be located in the SE/4SW/4 of Section 20, Township 1 South, Range 1 West, Duchesne County, Utah (the "Drillsite Location"). The surface owners of the Drillsite Location are Ada Horrocks, HC 66, Box 8E, Roosevelt, Utah 84066 and Calvin Victor Horrocks, 3806 Elma Street, West Valley City, Utah 84120 (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**

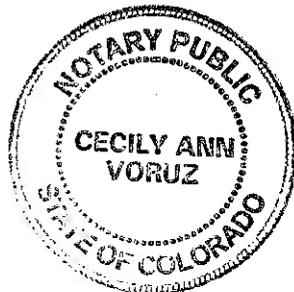
STATE OF COLORADO       §  
CITY AND                   §  
COUNTY OF DENVER       §

Before me, a Notary Public, in and for this state, on this 5th day of May, 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:  
01/27/2010



**HORROCKS 4-20A1  
SW SE SW Sec. 20, T1S, R1W  
DUCHESNE COUNTY, UT**

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

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

| <u>Formation</u> | <u>Depth</u> |
|------------------|--------------|
| Green River      | 6,170'       |
| Mahogany Bench   | 8,180'       |
| L. Green River   | 9,400'       |
| Wasatch          | 10,445'      |
| TD               | 13,350'      |

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

| <u>Substance</u> | <u>Formation</u> | <u>Depth</u> |
|------------------|------------------|--------------|
|                  | Green River      | 6,170'       |
|                  | Mahogany Bench   | 8,180'       |
| Oil              | L. Green River   | 9,400'       |
| Oil              | Wasatch          | 10,445'      |

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

A 5.0" by 20.0" rotating head on structural pipe from surface to 800'. A 5.0" by 13 3/8" Smith Rotating Head from 800' to 6,070' on Conductor. A 5M BOP stack, 5M kill lines and choke manifold, blind & pipe rams, mud cross and 5M annular w/rotating head from 6,070' to 10,545'. An 11.0" 10M BOP, 10M kill lines and choke manifold, blind & pipe rams, mud cross and 5M annular w/rotating head from 10,545' to 13,350'. 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 – 6,000' to TD
- B) Choke manifold with one manual and one hydraulic operated choke
- C) Full opening floor valve with drill pipe thread
- D) Upper and lower Kelly cock
- E) Shake, desander, desilter and mud cleaner.

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

Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

Proposed Mud Program:

| Interval     | Type | Mud Weight |
|--------------|------|------------|
| Surface      | WBM  | 8.4 – 8.9  |
| Intermediate | WBM  | 8.4 – 10.0 |
| Production   | WBM  | 10.0 – 14  |

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 13,350' TD equals approximately 9,025 psi (calculated at 0.6760 psi/foot).

Maximum anticipated surface pressure equals approximately 6,088psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 10,545' = 6,116 psi

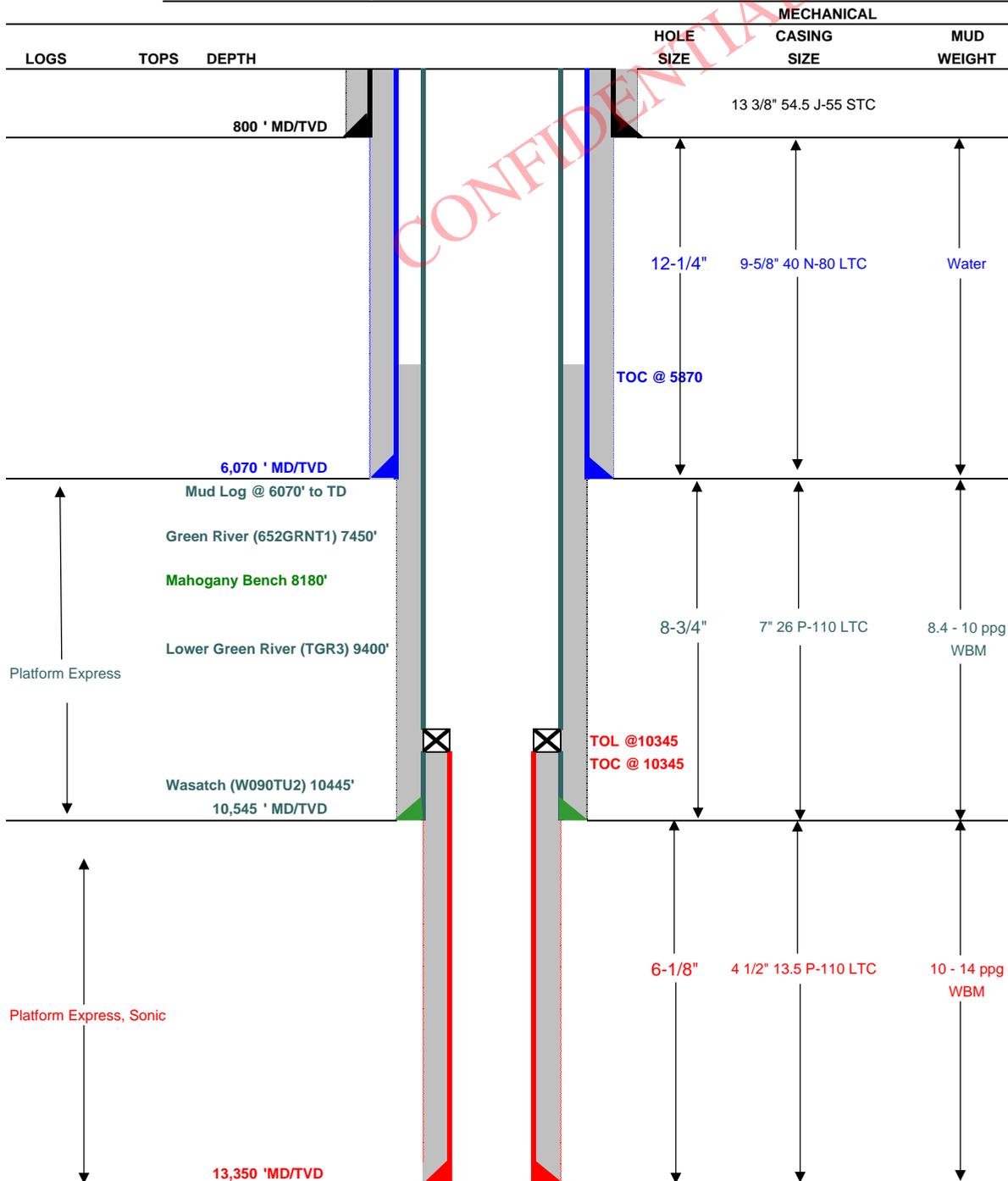
BOPE and casing design is based on the lesser of the two MASPs which is 6,088 psi

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



Drilling Schematic

|  |                                 |
|--|---------------------------------|
| <b>Company Name:</b> El Paso Exploration & Production  | <b>Date:</b> September 21, 2009 |
| <b>Well Name:</b> Horrocks 4-20A1  | <b>TD:</b> 13,350               |
| <b>Field, County, State:</b> Altamont - Bluebell, Duchesne, Utah   | <b>AFE #:</b>                   |
| <b>Surface Location:</b> Sec20 T1S R1W 673 FSL 1963 FWL  | <b>BHL:</b> Straight Hole       |
| <b>Objective Zone(s):</b> Green River, Wasatch   | <b>Elevation:</b> 5610          |
| <b>Rig:</b> Precision drilling 426   | <b>Spud (est.):</b>             |
| <b>BOPE Info:</b> 5.0 x 13 3/8 rotating head from 800 to 6070 11 5M BOP stack and 5M kill lines and choke manifold used from 6070 to 10545 & 11 10M BOE w/rotating head, 5M annular, 3.5 rams, blind rams & mud cross from 10545 to TD |                                 |



**DRILLING PROGRAM**

**CASING PROGRAM**

|                  | SIZE    | INTERVAL       | WT.   | GR.   | CPLG. | DESIGN FACTORS |                |                |
|------------------|---------|----------------|-------|-------|-------|----------------|----------------|----------------|
|                  |         |                |       |       |       | BURST          | COLLAPSE       | TENSION        |
| CONDUCTOR        | 13 3/8" | 0' - 800       | 54.5  | J-55  | STC   | 2,730<br>4.27  | 1,140<br>3.04  | 1,399<br>32.09 |
| SURFACE          | 9-5/8"  | 0' - 6070      | 40.00 | N-80  | LTC   | 5,750<br>1.18  | 4,230<br>1.41  | 837<br>2.40    |
| INTERMEDIATE     | 7"      | 0' - 10545     | 26.00 | P-110 | LTC   | 9,950<br>1.18  | 6,230<br>1.14  | 639<br>1.92    |
| PRODUCTION LINER | 4 1/2"  | 10345' - 13350 | 13.50 | P-110 | LTC   | 12,410<br>5.49 | 10,680<br>1.07 | 338<br>2.50    |

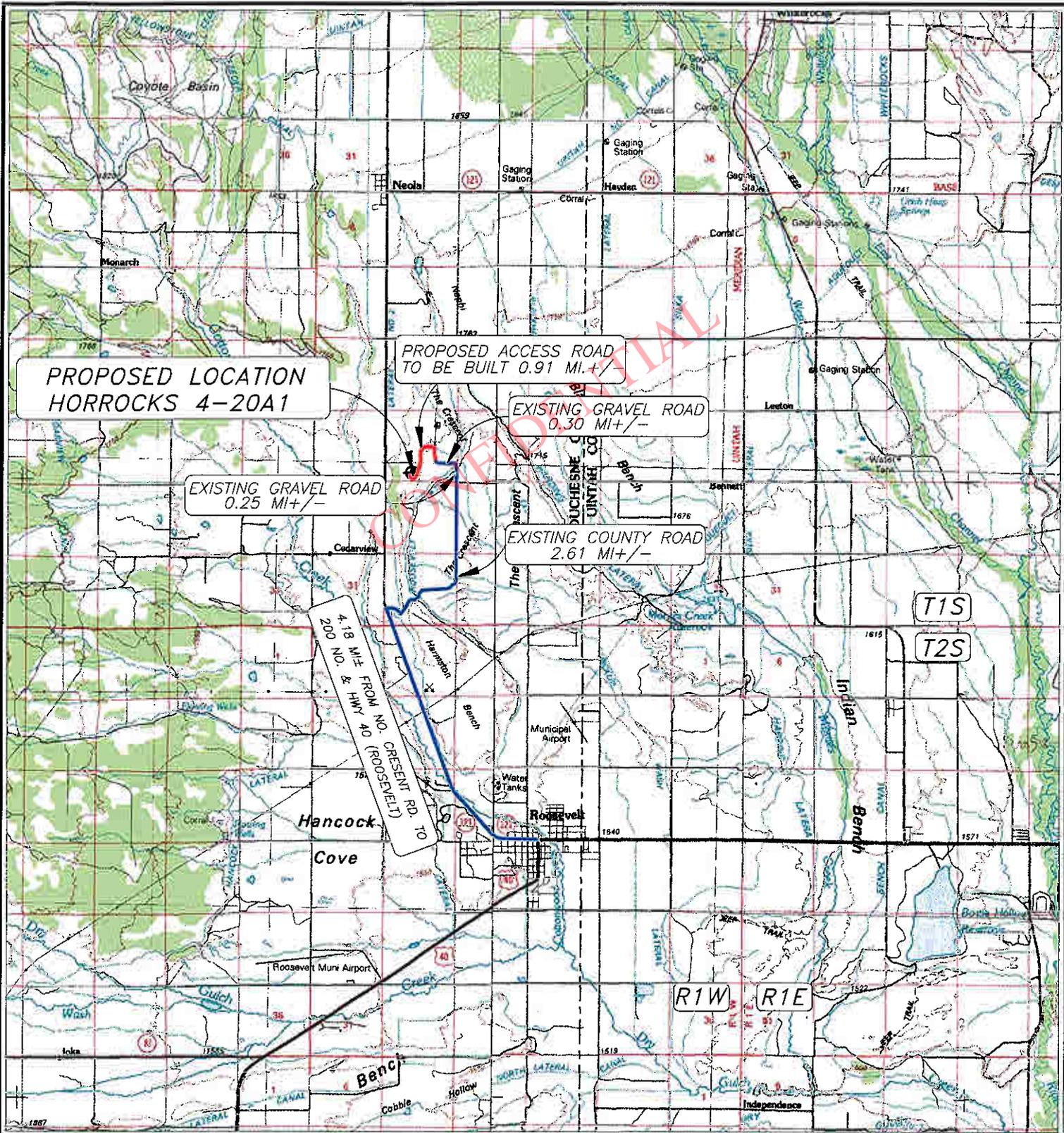
| CEMENT PROGRAM   |      | FT. OF FILL | DESCRIPTION   | SACKS | EXCESS | WEIGHT    | YIELD |
|------------------|------|-------------|---|-------|--------|-----------|-------|
| CONDUCTOR        |      | 800         | Class G + 3% CaCl <sub>2</sub>  | 540   | 10%    | 15.6 ppg  | 1.15  |
| SURFACE          | Lead | 5,570       | Premium Lite II Plus, 2% CaCl <sub>2</sub> 0.3% FL5<br>0.5% Sodium Metasilicate                                       | 690   | 25%    | 11.0 ppg  | 3.2   |
|                  | Tail | 500         | Class G 50:50 poz, 2% CaCl <sub>2</sub> , 2% gel<br>0.3% sodium metasilicate  | 160   | 25%    | 14.4 ppg  | 1.25  |
| INTERMEDIATE     | Lead | 4,175       | CemCRETE Blend<br>5.9/44.1 (D961/D124) + 0.2 %bwob D65 +<br>0.2 %bwob D46 + 0.4 %bwob D13 +<br>0.2 %bwob D167         | 480   | 25%    | 12.49 ppg | 1.65  |
|                  | Tail | 500         | 10:0 RFC (Class G)  | 60    | 25%    | 14.1 ppg  | 1.62  |
| PRODUCTION LINER |      | 3,005       | WellBond Slurry<br>Class G + 35% D66 + 1.6 gps D600G +<br>0.05 gps D80 + 0.3% D167 + 0.2% D46 +<br>0.4% D800 + 1% D20 | 200   | 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): \_\_\_\_\_

MANAGER: Eric Giles



**LEGEND:**

 PROPOSED WELL LOCATION

01-128-075

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

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

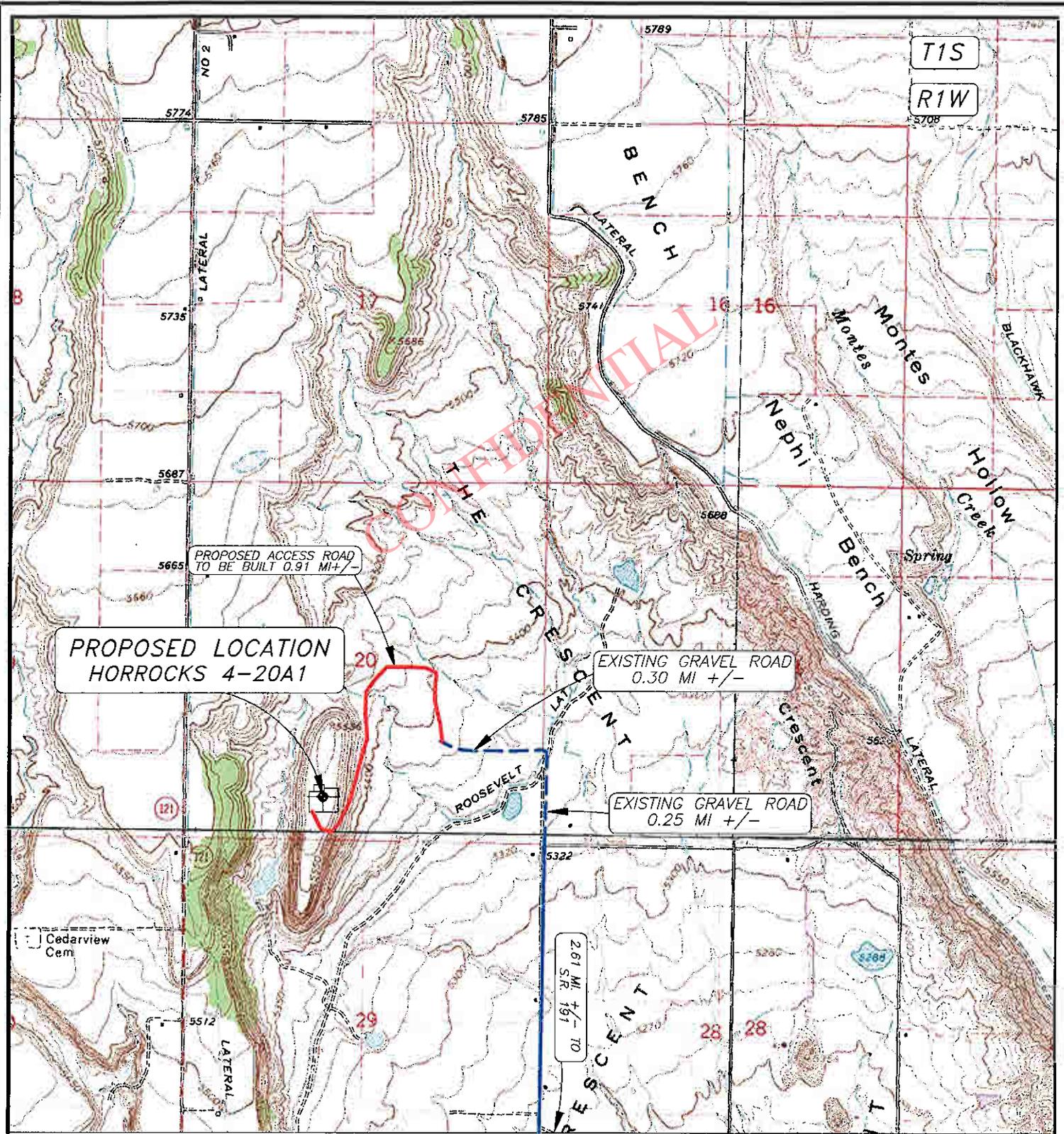


**EL PASO E & P COMPANY, L.P.**

HORROCKS 4-20A1  
SECTION 20, T1S, R1W, U.S.B.&M.  
673' FSL 1963' FWL

**TOPOGRAPHIC MAP "A"**

SCALE: 1"=10,000'  
3 SEP 2009



**LEGEND:**

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

01-128-075

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

1235 N. 700 E.—P.O. BOX 975  
DUCHEсне, UTAH 84021  
(435) 738-5352



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

HORROCKS 4-20A1

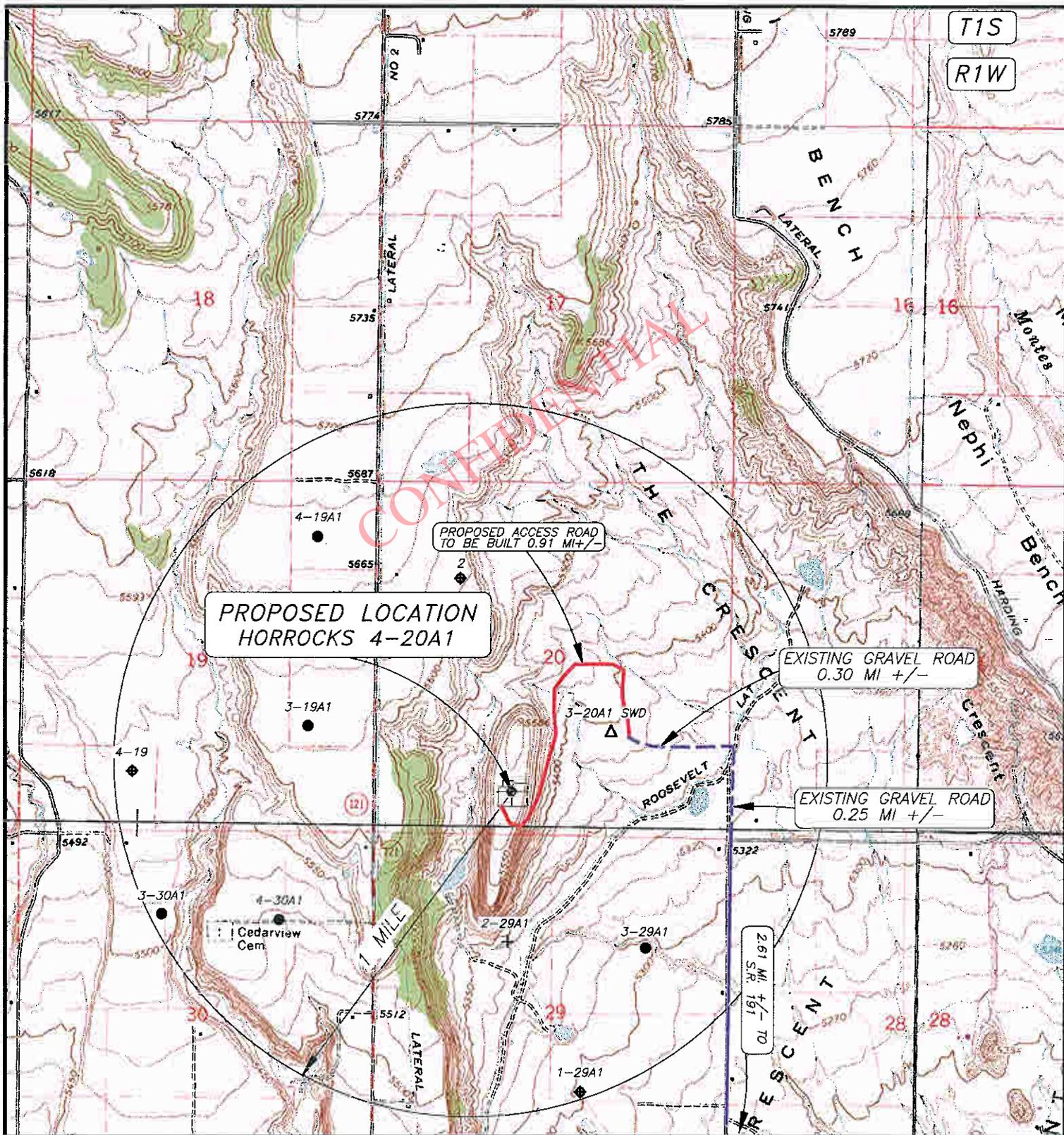
SECTION 20, T1S, R1W, U.S.B.&M.

673' FSL 1963' FWL

**TOPOGRAPHIC MAP "B"**

SCALE; 1"=2000'

3 SEP 2009

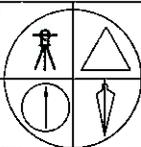


**LEGEND:**

◆ PROPOSED WELL LOCATION

2-2506  
 ○ ● ● + ◆ OTHER WELLS AS LOCATED FROM SUPPLIED MAP

01-128-075



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

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



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

HORROCKS 4-20A1  
 SECTION 20, T1S, R1W, U.S.B.&M.  
 673' FSL 1963' FWL

**TOPOGRAPHIC MAP "C"**

SCALE: 1"=2000'  
 3 SEP 2009



**EL PASO E&P COMPANY, L.P.**  
**HORROCKS 4-20A1**  
**SECTION 20, T1S, R1W, U.S.B.&M.**

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

TURN RIGHT ON NORTH CRESCENT ROAD AND TRAVEL EAST THEN NORTH 2.61 MILES TO THE END OF THE PAVEMENT;

CONTINUE NORTH ON GRAVEL ROAD 0.25 MILES;

TURN LEFT ON GRAVEL ROAD AND TRAVEL 0.30 MILES TO THE BEGINNING OF THE ACCESS ROAD;

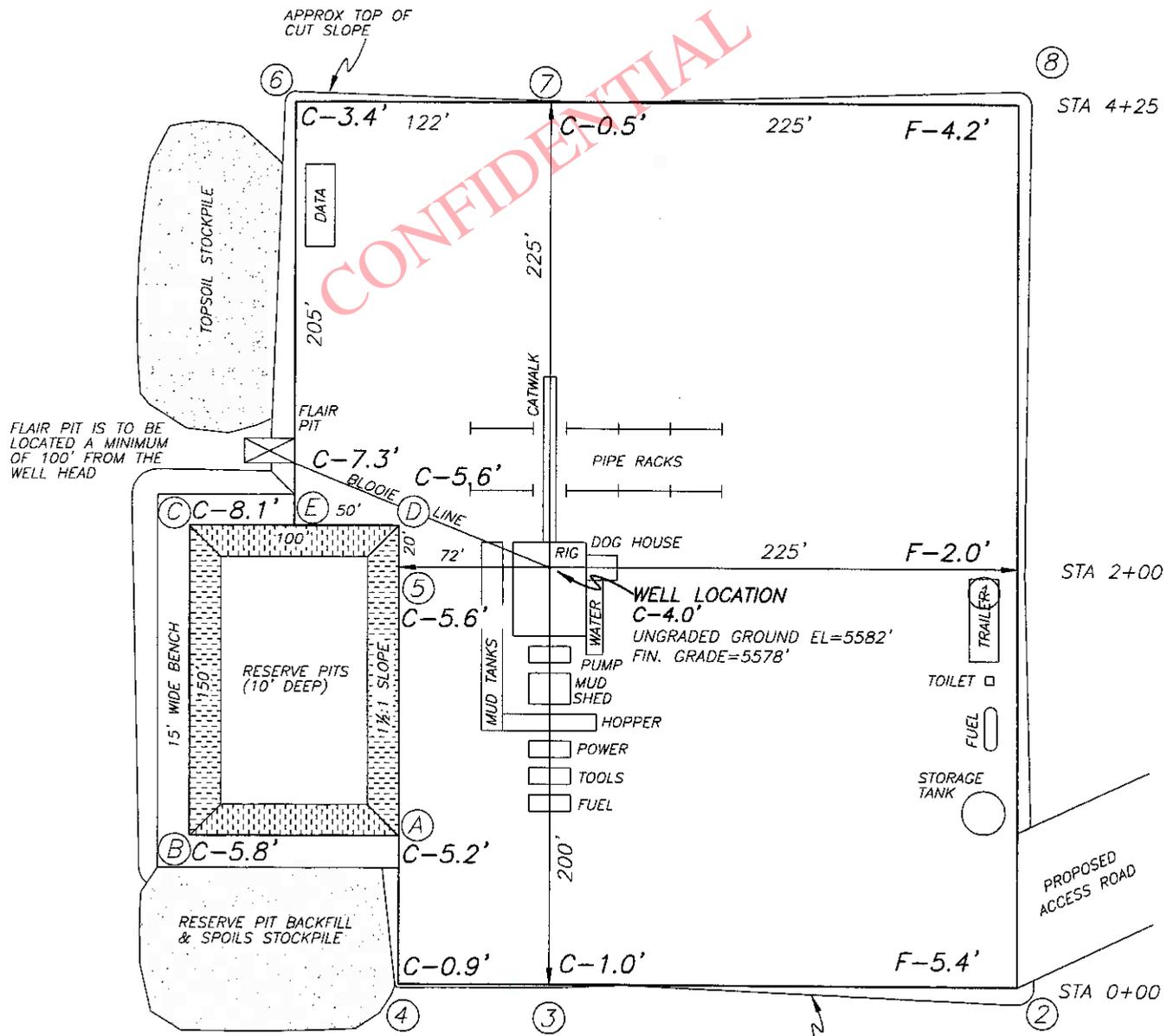
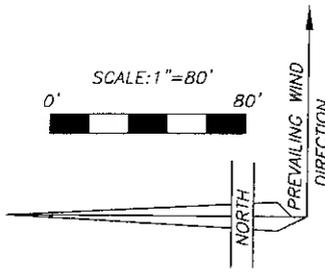
FOLLOW ROAD FLAGS NORTH, WEST, AND SOUTHWESTERLY APPROXIMATELY 0.91 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM ROOSEVELT, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 8.25 MILES.

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

LOCATION LAYOUT FOR  
 HORROCKS 4-20A1  
 SECTION 20, T1S, R1W, U.S.B.&M.  
 673' FSL, 1963' FWL

FIGURE #1



PROFESSIONAL LAND SURVEYOR  
 No. 14895  
 JERRY D. ALLRED  
 25 Sep '09  
 STATE OF UTAH

REV 24 AUG 2009  
 30 APR 2009  
 01-128-075

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

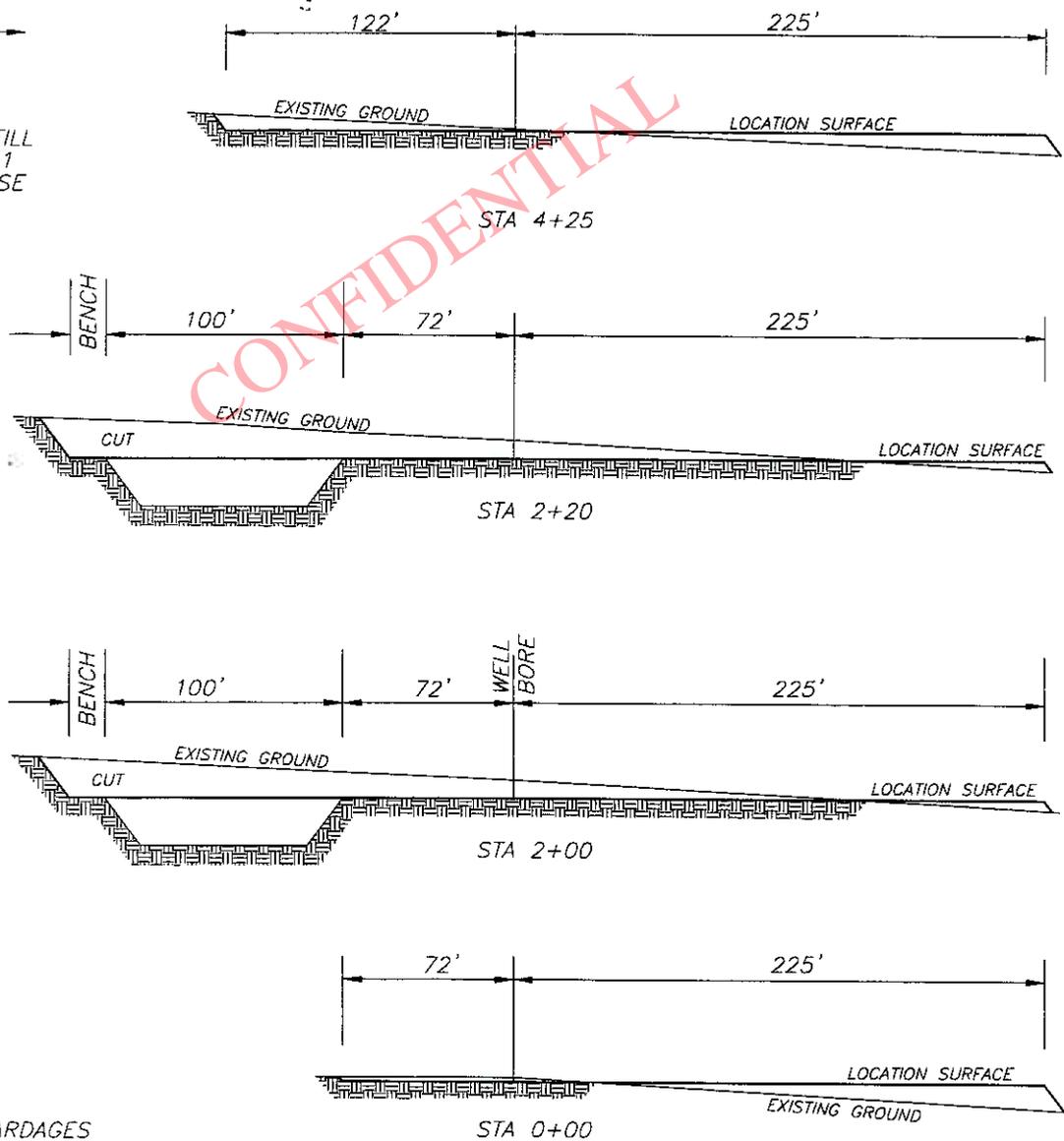
# EL PASO E & P COMPANY, L.P.

**FIGURE #2**

LOCATION LAYOUT FOR  
 HORROCKS 4-20A1  
 SECTION 20, T1S, R1W, U.S.B.&M.  
 673' FSL, 1963' FWL

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

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

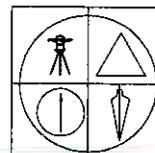


**APPROXIMATE YARDAGES**

- TOTAL CUT (INCLUDING PIT) = 18,579 CU. YDS.
- PIT CUT = 4250 CU. YDS.
- TOPSOIL STRIPPING: (6") = 3057 CU. YDS.
- REMAINING LOCATION CUT = 11,272 CU. YDS.
- TOTAL FILL = 4359 CU. YDS.

*Jerry D. Allred*  
 PROFESSIONAL LAND SURVEYOR  
 No. 14895  
 JERRY D. ALLRED  
 3 Sep '09  
 STATE OF UTAH

REV 31 AUG 2009  
 30 APR 2009 01-128-075



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

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

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

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

FOUND MONUMENT SPIKE AT 1/4 CORNER

FOUND STONE AT CENTER QUARTER CORNER

S 89°50'35" E 2641.00'

N 89°37'18" E 2610.96'

CALVIN HORROCKS PROPERTY

NE 1/4, SW 1/4

| LINE | BEARING       | DISTANCE |
|------|---------------|----------|
| L1   | S 25°24'08" E | 248.15'  |
| L2   | S 75°49'33" E | 164.09'  |
| L3   | N 44°16'27" E | 146.74'  |
| L4   | N 25°25'26" E | 399.51'  |
| L5   | N 14°15'56" E | 375.52'  |
| L6   | N 15°51'24" E | 336.37'  |
| L7   | N 16°15'23" E | 204.87'  |
| L8   | N 01°07'32" W | 75.64'   |
| L9   | N 05°12'17" W | 279.18'  |
| L10  | N 01°36'43" W | 337.05'  |
| L11  | N 36°03'10" E | 72.03'   |
| L12  | N 36°03'10" E | 179.35'  |
| L13  | N 44°35'51" E | 219.20'  |
| L14  | N 89°08'06" E | 404.86'  |
| L15  | S 87°38'30" E | 155.99'  |
| L16  | S 64°53'18" E | 132.24'  |

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

COASTAL OIL AND GAS PROPERTY

NW 1/4, SE 1/4

FOUND IRON ROAD WITH STONE ALONGSIDE AT QUARTER CORNER

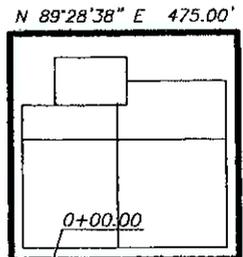
S 00°05'54" E 2627.34'

N 00°12'19" W 2630.00'

EL PASO E & P COMPANY, L.P.

SURFACE USE AREA HORROCKS 4-20A1 5.15 ACRES

SE 1/4, SW 1/4



SW 1/4, SE 1/4



SCALE: 1=400'



FOUND REBAR WITH ALUM CAP AT SECTION CORNER

FOUND ORIGINAL STONE AT 1/16 CORNER

CALVIN HORROCKS PROPERTY

S 89°59'52" E 3941.64'

FOUND COUNTY MONUMENT AT SECTION CORNER

N 89°40'20" E 1315.19'

20 2  
29 2

LOCATION SURFACE USE AREA &  
ACCESS ROAD, PIPELINE, AND POWER LINE CORRIDOR RIGHT-OF-WAY  
SURVEY FOR  
**EL PASO E & P COMPANY, L.P.**  
HORROCKS 4-20A1  
SECTION 20, TOWNSHIP 1 SOUTH, RANGE 1 WEST  
UINTAH SPECIAL BASE AND MERIDIAN

USE AREA BOUNDARY

Commencing at the Southwest Corner of the SE1/4 of the SW1/4 of Section 20, Township 1 South, Range 1 West of the Uintah Special Base and Meridian;  
Thence North 45°14'11" East 597.14 feet to the TRUE POINT OF BEGINNING;  
Thence North 00°31'22" West 472.00 feet;  
Thence North 89°28'38" East 475.00 feet;  
Thence South 00°31'22" East 472.00 feet;  
Thence South 89°28'38" West 475.00 feet to the TRUE POINT OF BEGINNING,  
containing 5.15 acres.

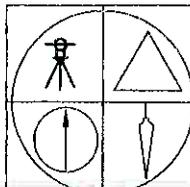
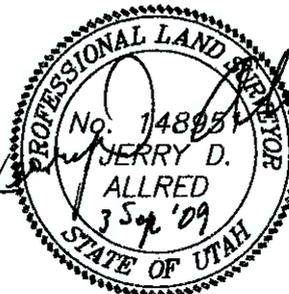
ACCESS ROAD, PIPELINE, & POWER LINE CORRIDOR RIGHT-OF-WAY

A 66 feet wide access road, pipeline and power line corridor right-of-way over a portion of Section 20, Township 1 South, Range 1 West of the Uintah Special Base and Meridian, the centerline of which being described as follows:  
Commencing at the Southwest Corner of the SE1/4 of the SW1/4 of said Section 20:  
Thence North 50°32'23" East 662.89 feet to the TRUE POINT OF BEGINNING;  
Thence South 25°24'08" East 248.15 feet;  
Thence South 75°49'33" East 164.09 feet;  
Thence North 44°16'27" East 146.74 feet;  
Thence North 25°25'26" East 399.51 feet;  
Thence North 14°15'56" East 375.52 feet;  
Thence North 15°51'24" East 336.37 feet;  
Thence North 16°15'23" East 204.87 feet;  
Thence North 01°07'32" West 75.64 feet;  
Thence North 05°12'17" West 279.18 feet;  
Thence North 01°36'43" East 337.05 feet;  
Thence North 36°03'10" East 72.03 feet to the East line of the NE1/4 of said SW1/4;  
Thence North 36°03'10" East 179.35 feet;  
Thence North 44°35'51" East 219.20 feet;  
Thence North 89°08'06" East 404.86 feet;  
Thence South 87°38'30" East 155.99 feet;  
Thence South 64°53'18" East 132.24 feet to the proposed access road for the Horrocks 5-20A1 well location. Said right-of-way being 3730.80 feet in length, the side lines of which being shortened or elongated to meet the area use boundary and existing access road right-of-way lines.

SURVEYOR'S CERTIFICATE

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

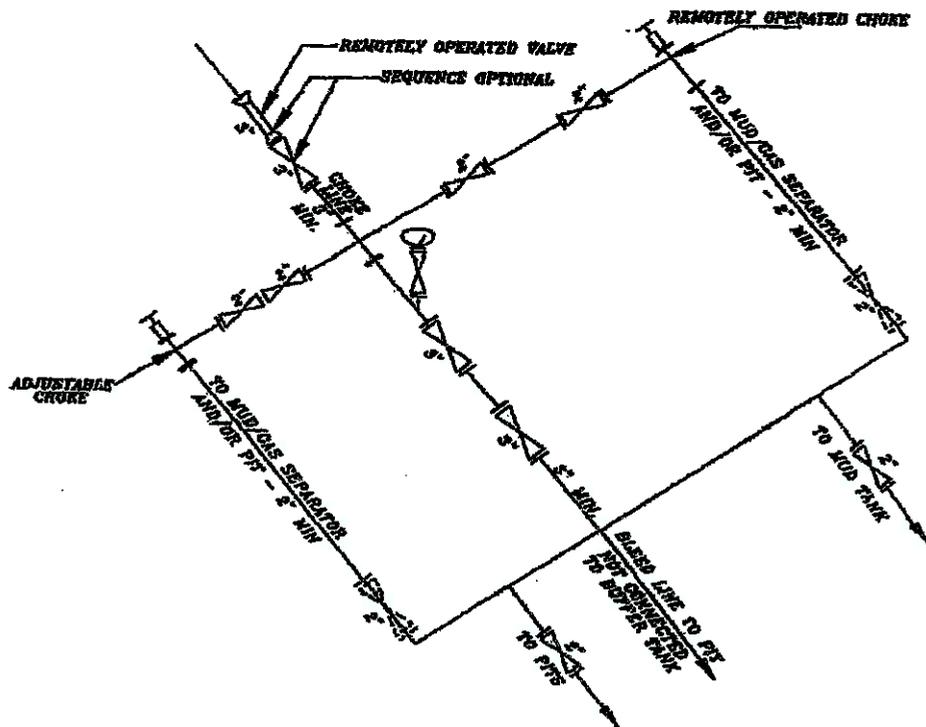
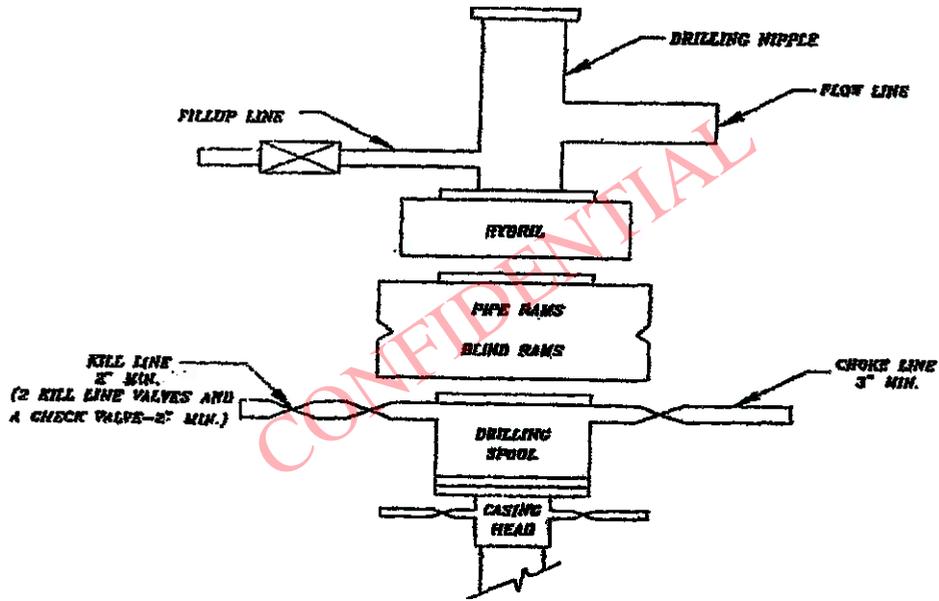
Jerry D. Allred, Professional Land Surveyor,  
Certificate 148951 (Utah)



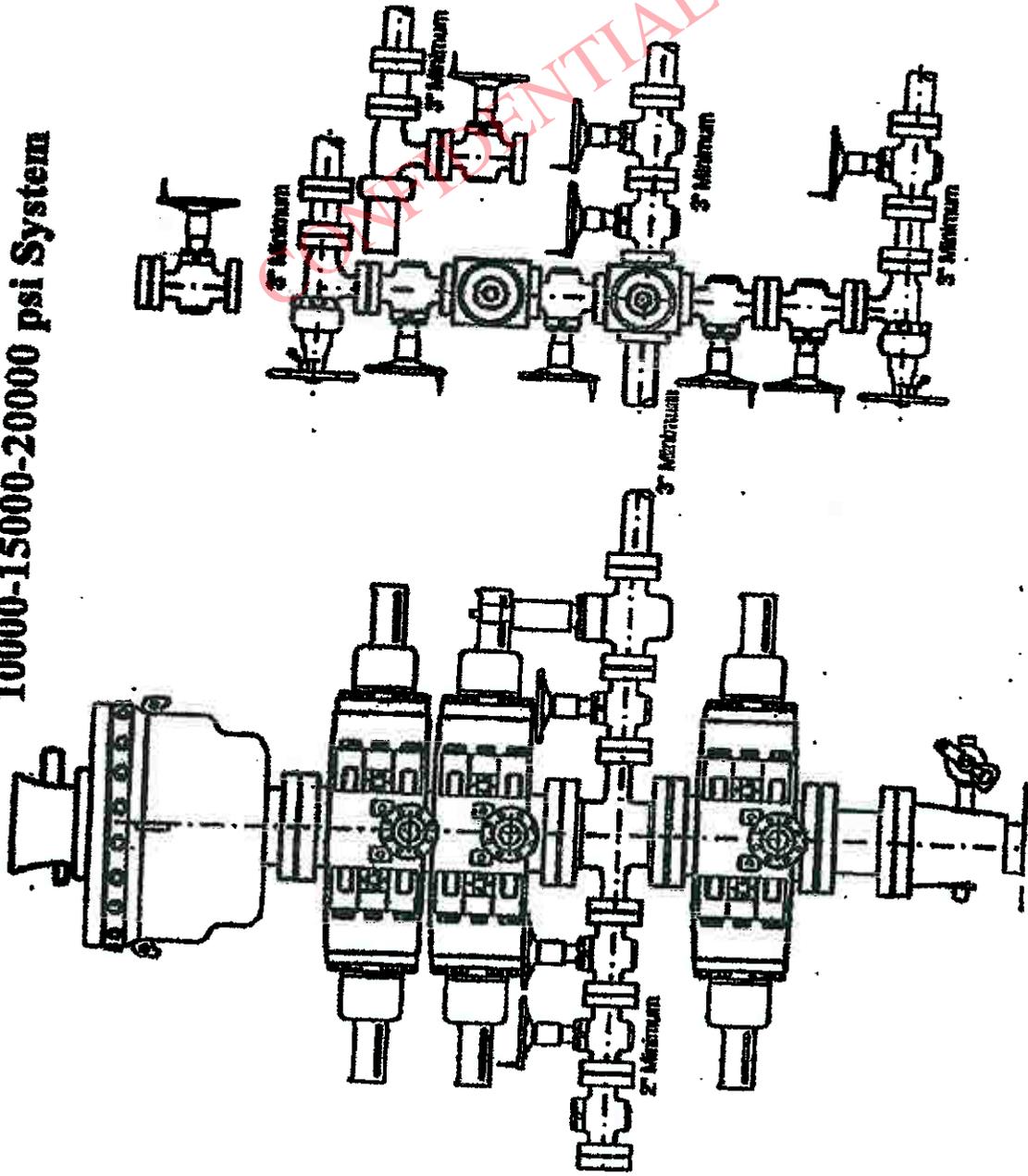
**JERRY D. ALLRED AND ASSOCIATES**  
SURVEYING CONSULTANTS

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

# 5M BOP STACK and CHOKE MANIFOLD SYSTEM



10000-15000-20000 psi System



### **Surface hole contingency plan**

We will calculate maximum anticipated equivalent mud weight of water flows based on offset injectors. Based on this calculation, we will have a 500 bbl premix tank full of worst case kill weight mud prior to commencing drilling of the 12-1/4" hole. If a water flow is encountered, we will get a shut in pressure, calculate proper kill weight mud and displace the hole with kill weight mud to control water flow. Our cement job will be designed based on mud weights at surface hole TD.

Horrocks 4-20A1  
20-1S-1W SESW  
Duchesne Cnty, UT

5/19/09

**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 .91 miles in length and 66 feet wide.
- All equipment and vehicles will be confined to the access road, pad and area specified in the APD.

**3. Location Of Existing Wells:**

- Existing oil, gas wells within one (1) mile radius of proposed well are provided in EXHIBIT C.

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

- Roosevelt City Municipal Water

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

- There are no existing facilities that will be utilized for this well.
- The pipeline will be constructed as shown on Exhibit C. A pipeline corridor .91 miles will parallel the proposed access. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
- Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

**6. Construction Materials:**

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

**7. Methods For Handling Waste Disposal:**

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

**8. Ancillary Facilities:**

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

**9. Surface Reclamation Plans:**

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

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

**10. Surface Ownership:**

Included is the Affidavit of Surface Damage Agreement with:

|                     |                            |
|---------------------|----------------------------|
| Ada Horrocks        | Calvin Victor Horrocks     |
| HC 66 Box 8E        | 3806 Elma Street           |
| Roosevelt, UT 84006 | West Valley City, UT 84120 |
| 435/353-4699        | 801/840-4825               |

**11. Other Information:**

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

• **Operator and Contact Persons:**

**Construction and Reclamation:**

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

**Regarding This APD**

**El Paso E & P Company**  
**Marie O'Keefe**  
**1099 18<sup>th</sup> St. Ste. 1900**  
**Denver, CO. 80202**  
**303.291.6417 - Office**

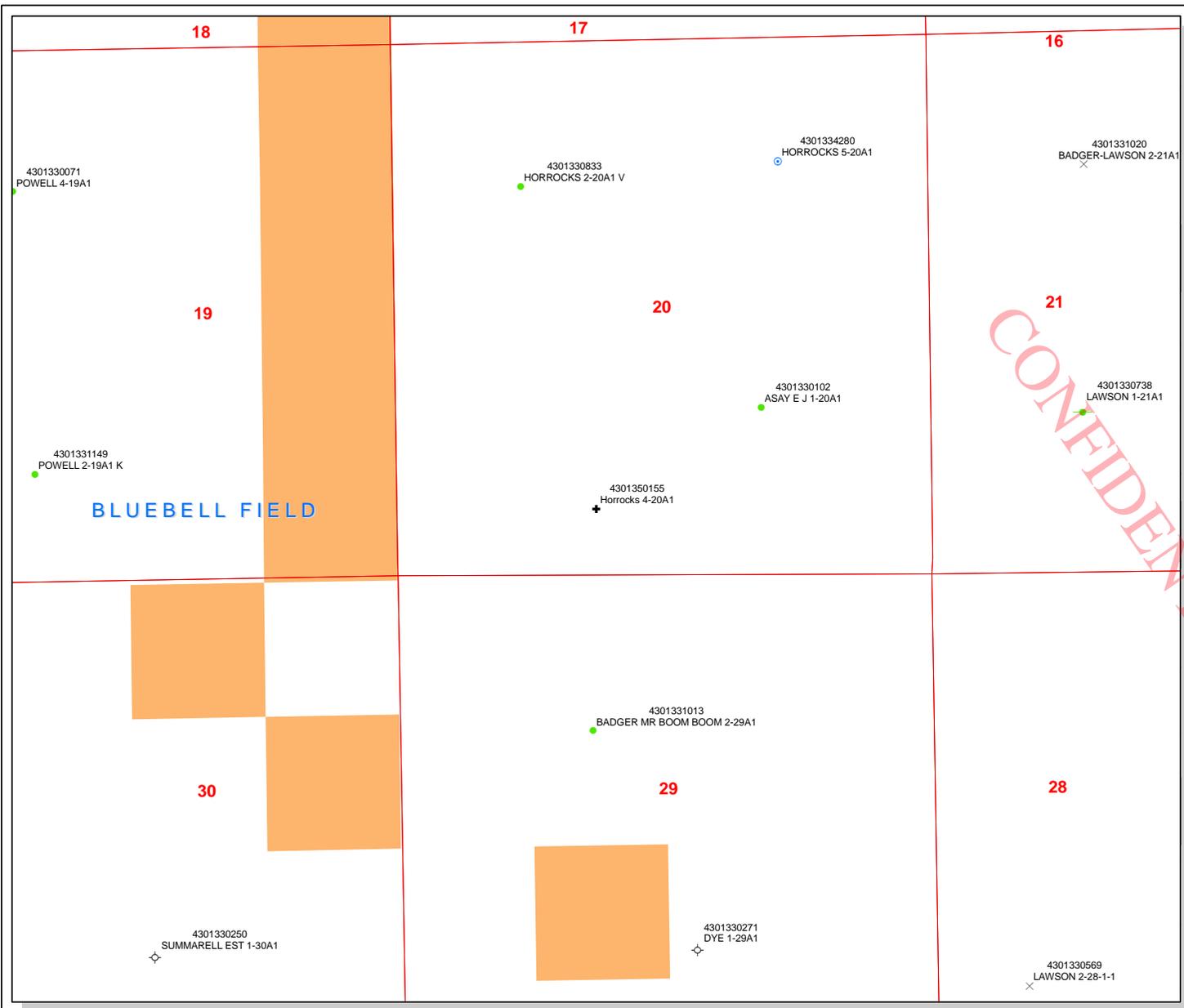
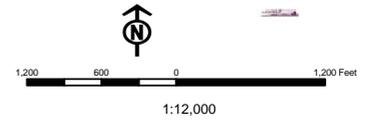
**Drilling**

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

API Number: 4301350155  
Well Name: Horrocks 4-20A1  
Township 01.0 S Range 01.0 W Section 20  
Meridian: UBM  
Operator: EL PASO E&P COMPANY, LP

Map Prepared:  
Map Produced by Diana Mason

- |               |                           |
|---------------|---------------------------|
| <b>Units</b>  | <b>Wells Query Events</b> |
| <b>STATUS</b> | <-all other values->      |
| ACTIVE        | 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                       |
| <b>Fields</b> | SGW                       |
| <b>STATUS</b> | SOW                       |
| ACTIVE        | TA                        |
| COMBINED      | TW                        |
| Sections      | WD                        |
|               | WI                        |
|               | WS                        |



CONFIDENTIAL

## ON-SITE PREDRILL EVALUATION

### Utah Division of Oil, Gas and Mining

**Operator** EL PASO E&P COMPANY, LP  
**Well Name** Horrocks 4-20A1  
**API Number** 43-013-50155-0      **APD No** 2066      **Field/Unit** BLUEBELL  
**Location: 1/4,1/4** SESW      **Sec** 20    **Tw** 1S    **Rng** 1W    673 FSL 1963 FWL  
**GPS Coord (UTM)** 583021      4469834      **Surface Owner** See attachment Related Surface Info

**Participants**

**Regional/Local Setting & Topography**

The general area is approximately 8 miles northwest of Roosevelt, Utah in The Crescent area. This area is characterized by a wide bottom or valley with the principal drainage about 1/2 mile to the east. This drainage contains a perennial stream augmented by seepage from irrigation watering from the benches to the west and east. The steep edges of these elevated benches are frequently rimmed with sandstone outcrops. Frequent side swales or small draws lead away from the high benches and some contain seeps or small amounts of flowing water. Access is by existing State of Utah Highways, Duchesne County roads and existing or planned oil field development roads. From the existing road to the 3-20A1 SWD location, Approximately 0.91 miles of road will be constructed following an existing 2-track road then heavy side slope construction to reach the top of the mesa to the southwest.

The proposed pad for the Horrocks 4-20A1 oil well is on a mesa or flat topped hill. It has been moved east and south from a previous staked location to avoid an area with an elevated water table containing small swales with flowing water. The pad is laid out across the top of the hill and which has a very slight slope to the south. It extends from the east to the west edge of the top. The selected site is suitable for constructing a pad, drilling and operating a well.

Both the surface and minerals are FEE.

**Surface Use Plan**

**Current Surface Use**  
 Recreational  
 Wildlife Habitat

**New Road**

| Miles | Well Pad  |            | Src Const Material | Surface Formation |
|-------|-----------|------------|--------------------|-------------------|
| 0.91  | Width 412 | Length 425 | Onsite             | UNTA              |

**Ancillary Facilities** N

**Waste Management Plan Adequate?**

**Environmental Parameters**

**Affected Floodplains and/or Wetland** N

**Flora / Fauna**

Vegetation consists of a fair sagebrush type. It includes black sagebrush, shadscale, cedars, curly mesquite, prickly pear, Indian ricegrass, thick spike wheat grass, stipa commata, cheatgrass and other forbs and spring annuals.

**Soil Type and Characteristics**

Soils are a deep gravelly loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

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

**Reserve Pit**

**Site-Specific Factors**

**Site Ranking**

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

**Final Score** 20 1 **Sensitivity Level**

**Characteristics / Requirements**

The reserve pit 100' x 150' x 10 ' deep is planned in an area of cut on the northwest corner of the location. A 15-foot out side bench is planned. Sensitivity Level is 1. A liner is required. Wayne Garner of El Paso said they would use at least a 16-mil liner.

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

**Other Observations / Comments**

Floyd Bartlett  
**Evaluator**

10/29/2009  
**Date / Time**

# Application for Permit to Drill Statement of Basis

11/12/2009

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

Page 1

|                  |   |        |                          |                                     |     |
|------------------|---|--------|--------------------------|-------------------------------------|-----|
| <b>APD No</b>    | API WellNo  | Status | Well Type                | Surf Owner                          | CBM |
| 2066             | 43013501550000  | LOCKED | OW                       | P                                   | No  |
| <b>Operator</b>  | EL PASO E&P COMPANY, LP   |        | <b>Surface Owner-APD</b> | See attachment Related Surface Info |     |
| <b>Well Name</b> | Horrocks 4-20A1   |        | <b>Unit</b>              |                                     |     |
| <b>Field</b>     | BLUEBELL  |        | <b>Type of Work</b>      | DRILL                               |     |
| <b>Location</b>  | SESW 20 1S 1W U 673 FSL 1963 FWL GPS Coord (UTM) 583029E 4469786N |        |                          |                                     |     |

**Geologic Statement of Basis**

El Paso proposes to set 800 feet of conductor and 6,070 feet of surface casing both of which will be cemented to surface. The surface hole will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 700 feet. A search of Division of Water Rights records indicates that there are over 85 water wells within a 10,000 foot radius of the proposed location. Most of these wells produce water from the Duchesne River Formation and are in the range of 30-500 feet deep. The proposed casing and cementing program should adequately protect the highly used Duchesne River aquifer.

Brad Hill  
**APD Evaluator**

11/3/2009  
**Date / Time**

**Surface Statement of Basis**

The general area is approximately 8 miles northwest of Roosevelt, Utah in The Crescent area. This area is characterized by a wide bottom or valley with the principal drainage about 1/2 mile to the east. This drainage contains a perennial stream augmented by seepage from irrigation watering from the benches to the west and east. The steep edges of these elevated benches are frequently rimmed with sandstone outcrops. Frequent side swales or small draws lead away from the high benches and some contain seeps or small amounts of flowing water. Access is by existing State of Utah Highways, Duchesne County roads and existing or planned oil field development roads. From the existing road to the 3-20A1 SWD location, Approximately 0.91 miles of road will be constructed following an existing 2-track road then heavy side slope construction to reach the top of the mesa to the southwest.

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Both the surface and minerals are FEE. Calvin Horrocks owns the surface. Mr. Horrocks was met at his home. He did not go to the site as he is in agreement with the proposal. A surface agreement exists.

Floyd Bartlett  
**Onsite Evaluator**

10/29/2009  
**Date / Time**

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

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

|  |  |       |       |       |
|--|--|-------|-------|-------|
| Well Name                                | EL PASO E&P COMPANY, LP Horrocks 4-20A1 43013501550000 |       |       |       |
| String                                   | Cond   | Surf  | I1    | Prod  |
| Casing Size(")                           | 13.375   | 9.625 | 7.000 | 4.500 |
| Setting Depth (TVD)                      | 800  | 6070  | 10545 | 13350 |
| Previous Shoe Setting Depth (TVD)        | 0  | 800   | 6070  | 10545 |
| Max Mud Weight (ppg)                     | 8.4  | 8.9   | 10.0  | 14.0  |
| BOPE Proposed (psi)                      | 500  | 1000  | 5000  | 10000 |
| Casing Internal Yield (psi)              | 2730   | 5750  | 9950  | 12410 |
| Operators Max Anticipated Pressure (psi) | 9025   |       |       | 13.0  |

|   |  |        |  |
|---|--|--------|--|
| Calculations                                  | Cond String  | 13.375 | "  |
| Max BHP (psi)                                 | .052*Setting Depth*MW=                             | 349    |  |
|   |  |        | <b>BOPE Adequate For Drilling And Setting Casing at Depth?</b> |
| MASP (Gas) (psi)                              | Max BHP-(0.12*Setting Depth)=                      | 253    | YES fresh water mud  |
| MASP (Gas/Mud) (psi)                          | Max BHP-(0.22*Setting Depth)=                      | 173    | YES OK   |
|   |  |        | <b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>   |
| Pressure At Previous Shoe                     | Max BHP-.22*(Setting Depth - Previous Shoe Depth)= | 173    | NO Reasonable  |
| Required Casing/BOPE Test Pressure=           |  | 800    | psi  |
| *Max Pressure Allowed @ Previous Casing Shoe= |  | 0      | psi *Assumes 1psi/ft frac gradient                             |

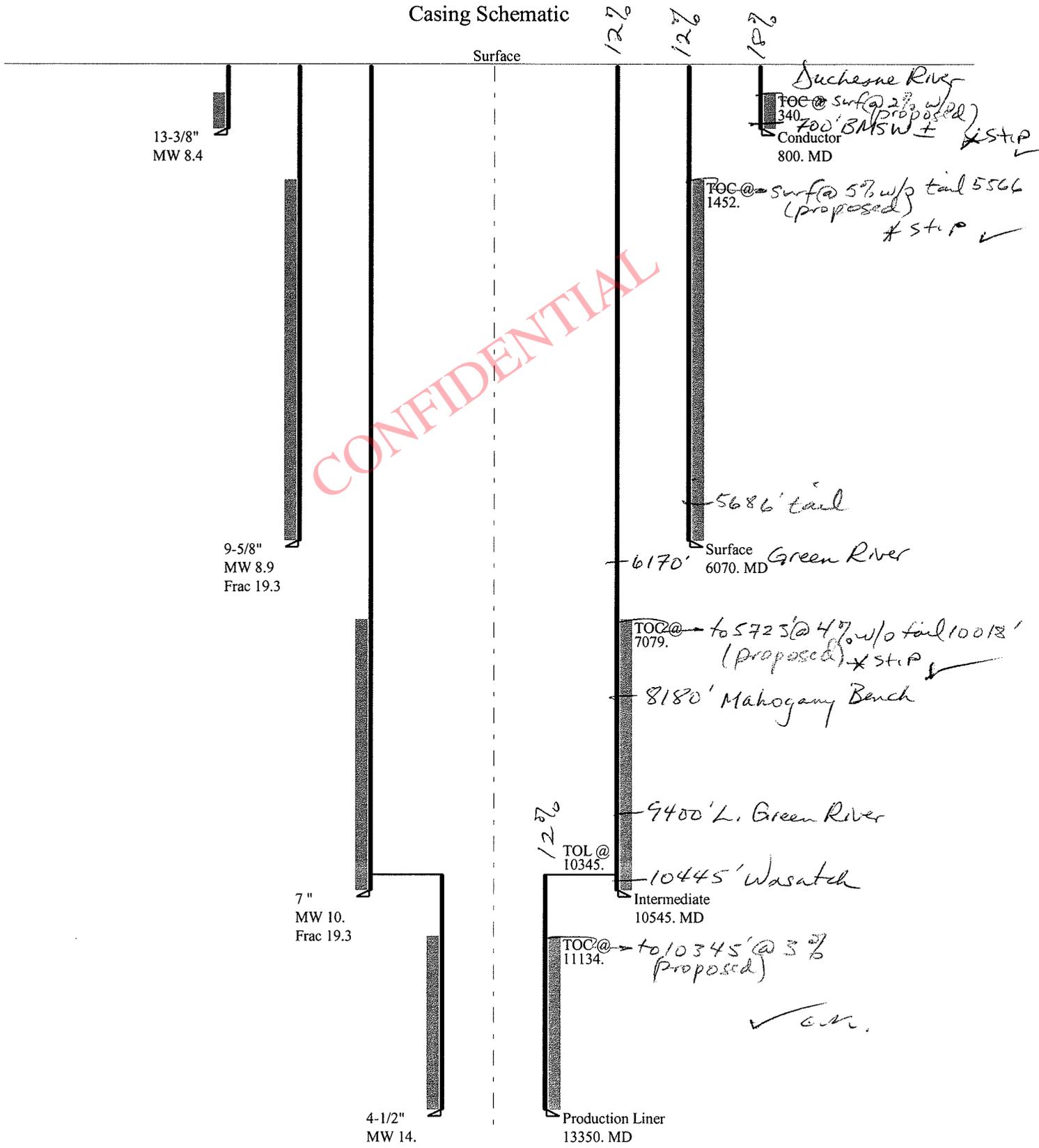
|   |  |       |  |
|---|--|-------|--|
| Calculations                                  | Surf String  | 9.625 | "  |
| Max BHP (psi)                                 | .052*Setting Depth*MW=                             | 2809  |  |
|   |  |       | <b>BOPE Adequate For Drilling And Setting Casing at Depth?</b> |
| MASP (Gas) (psi)                              | Max BHP-(0.12*Setting Depth)=                      | 2081  | NO Smith rotating head   |
| MASP (Gas/Mud) (psi)                          | Max BHP-(0.22*Setting Depth)=                      | 1474  | NO Reasonable for max allowed pressure                         |
|   |  |       | <b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>   |
| Pressure At Previous Shoe                     | Max BHP-.22*(Setting Depth - Previous Shoe Depth)= | 1650  | NO Reasonable  |
| Required Casing/BOPE Test Pressure=           |  | 4025  | psi  |
| *Max Pressure Allowed @ Previous Casing Shoe= |  | 800   | psi *Assumes 1psi/ft frac gradient                             |

|   |  |       |  |
|---|--|-------|--|
| Calculations                                  | I1 String  | 7.000 | "  |
| Max BHP (psi)                                 | .052*Setting Depth*MW=                             | 5483  |  |
|   |  |       | <b>BOPE Adequate For Drilling And Setting Casing at Depth?</b> |
| MASP (Gas) (psi)                              | Max BHP-(0.12*Setting Depth)=                      | 4218  | YES 5 M BOPE   |
| MASP (Gas/Mud) (psi)                          | Max BHP-(0.22*Setting Depth)=                      | 3163  | YES OK   |
|   |  |       | <b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>   |
| Pressure At Previous Shoe                     | Max BHP-.22*(Setting Depth - Previous Shoe Depth)= | 4499  | 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=                             | 9719  |  |
|   |  |       | <b>BOPE Adequate For Drilling And Setting Casing at Depth?</b> |
| MASP (Gas) (psi)                              | Max BHP-(0.12*Setting Depth)=                      | 8117  | YES 10 M BOPE  |
| MASP (Gas/Mud) (psi)                          | Max BHP-(0.22*Setting Depth)=                      | 6782  | YES OK   |
|   |  |       | <b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>   |
| Pressure At Previous Shoe                     | Max BHP-.22*(Setting Depth - Previous Shoe Depth)= | 9102  | YES OK   |
| Required Casing/BOPE Test Pressure=           |  | 8687  | psi  |
| *Max Pressure Allowed @ Previous Casing Shoe= |  | 9950  | psi *Assumes 1psi/ft frac gradient                             |

# 43013501550000 Horrocks 4-20A1

## Casing Schematic



CONFIDENTIAL

|              |                                       |             |              |
|--------------|---------------------------------------|-------------|--------------|
| Well name:   | <b>43013501550000 Horrocks 4-20A1</b> |             |              |
| Operator:    | <b>EL PASO E&amp;P COMPANY, LP</b>    |             |              |
| String type: | Conductor                             | Project ID: | 43-013-50155 |
| 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: 85 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 100 ft  
 Cement top: 340 ft

**Burst**

Max anticipated surface pressure: 253 psi  
 Internal gradient: 0.120 psi/ft  
 Calculated BHP 349 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: 701 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       | 800                 | 13.375                  | 54.50                   | J-55             | ST&C                 | 800                  | 800                 | 12.49                   | 9925                  |
| 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       | 349                 | 1130                    | 3.237                   | 349              | 2730                 | 7.82                 | 43.6                | 514                     | 11.79 J               |

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

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

Date: November 3, 2009  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 800 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

|              |                                       |             |              |
|--------------|---------------------------------------|-------------|--------------|
| Well name:   | <b>43013501550000 Horrocks 4-20A1</b> |             |              |
| Operator:    | <b>EL PASO E&amp;P COMPANY, LP</b>    |             |              |
| String type: | Surface                               | Project ID: | 43-013-50155 |
| Location:    | DUCHESNE COUNTY                       |             |              |

**Design parameters:**

**Collapse**

Mud weight: 8.900 ppg  
 Internal fluid density: 1.000 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 159 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 100 ft  
 Cement top: 1,452 ft

**Burst**

Max anticipated surface pressure: 3,158 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 4,493 psi

No backup mud specified.

**Tension:**

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

Tension is based on air weight.  
 Neutral point: 5,266 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 10,545 ft  
 Next mud weight: 10.000 ppg  
 Next setting BHP: 5,478 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 6,070 ft  
 Injection pressure: 6,070 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       | 6070                | 9.625     | 40.00                   | N-80  | LT&C       | 6070                 | 6070                | 8.75                | 77240          |

| 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       | 2491                | 3090                    | 1.240                  | 4493             | 5750                 | 1.28                | 242.8               | 737                     | 3.04 J                |

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

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

Date: November 3, 2009  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 6070 ft, a mud weight of 8.9 ppg. An internal gradient of .052 psi/ft was used for collapse from TD to Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

|              |                                       |             |              |
|--------------|---------------------------------------|-------------|--------------|
| Well name:   | <b>43013501550000 Horrocks 4-20A1</b> |             |              |
| Operator:    | <b>EL PASO E&amp;P COMPANY, LP</b>    |             |              |
| String type: | Intermediate                          | Project ID: | 43-013-50155 |
| Location:    | DUCHESNE COUNTY                       |             |              |

**Design parameters:**

**Collapse**

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

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 222 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: 7,079 ft

**Burst**

Max anticipated surface pressure: 6,772 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 9,092 psi

No backup mud specified.

**Tension:**

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

Tension is based on air weight.  
Neutral point: 8,954 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 13,350 ft  
Next mud weight: 14.000 ppg  
Next setting BHP: 9,709 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 10,545 ft  
Injection pressure: 10,545 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       | 10545               | 7                       | 26.00                   | P-110            | LT&C                 | 10545                | 10545               | 6.151                   | 109615                |
| 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       | 5478                | 6230                    | 1.137                   | 9092             | 9950                 | 1.09                 | 274.2               | 693                     | 2.53 J                |

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

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

Date: November 3, 2009  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 10545 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

|              |                                       |             |              |
|--------------|---------------------------------------|-------------|--------------|
| Well name:   | <b>43013501550000 Horrocks 4-20A1</b> |             |              |
| Operator:    | <b>EL PASO E&amp;P COMPANY, LP</b>    |             |              |
| String type: | Production Liner                      | Project ID: | 43-013-50155 |
| Location:    | DUCHESNE COUNTY                       |             |              |

**Design parameters:**

**Collapse**

Mud weight: 14.000 ppg  
 Internal fluid density: 1.000 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 261 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

Cement top: 11,134 ft

Liner top: 10,345 ft

**Non-directional string.**

**Burst**

Max anticipated surface pressure: 6,772 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 9,709 psi

**Tension:**

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

No backup mud specified.

Tension is based on air weight.  
 Neutral point: 12,720 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       | 3050                | 4.5       | 13.50                   | P-110 | LT&C       | 13350                | 13350               | 3.795               | 17090          |

| 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       | 9016                | 10680                   | 1.185                  | 9709             | 12410                | 1.28                | 41.2                | 338                     | 8.21 J                |

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

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

Date: November 3, 2009  
 Salt Lake City, Utah

**Remarks:**

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 13350 ft, a mud weight of 14 ppg. An Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

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**APD RECEIVED:** 9/26/2009

**API NO. ASSIGNED:** 43013501550000

**WELL NAME:** Horrocks 4-20A1

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

**PHONE NUMBER:** 303 291-6417

**CONTACT:** Marie Okeefe

**PROPOSED LOCATION:** SESW 20 010S 010W

**Permit Tech Review:**

**SURFACE:** 0673 FSL 1963 FWL

**Engineering Review:**

**BOTTOM:** 0673 FSL 1963 FWL

**Geology Review:**

**COUNTY:** DUCHESNE

**LATITUDE:** 40.37642

**LONGITUDE:** -110.02195

**UTM SURF EASTINGS:** 583029.00

**NORTHINGS:** 4469786.00

**FIELD NAME:** BLUEBELL

**LEASE TYPE:** 4 - Fee

**LEASE NUMBER:** FEE

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

**SURFACE OWNER:** 4 - Fee

**COALBED METHANE:** NO

---

**RECEIVED AND/OR REVIEWED:**

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

**LOCATION AND SITING:**

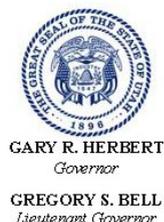
- R649-2-3.**
- Unit:**
- R649-3-2. General**
- R649-3-3. Exception**
- Drilling Unit**
- Board Cause No:** Cause 139-84
- Effective Date:** 12/31/2008
- Siting:** 660' fr drl u bdry and 1320' fr other wells
- R649-3-11. Directional Drill**

**Commingleing Approved**

---

**Comments:** Presite Completed

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



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** Horrocks 4-20A1  
**API Well Number:** 43013501550000  
**Lease Number:** FEE  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 11/17/2009

### 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 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.

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 5870' MD as indicated in the submitted drilling plan.

### Additional Approvals:

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

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

**Notification Requirements:**

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

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

**Contact Information:**

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

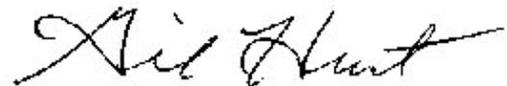
- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office  
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office  
801-942-0871 - after office hours

**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

|   |               |
|---|---------------|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING | <b>FORM 9</b> |
|---|---------------|

|  |   |
|--|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>FEE |
|  | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>          |
|  | <b>7. UNIT or CA AGREEMENT NAME:</b>                  |

|                                    |  |
|------------------------------------|--|
| <b>1. TYPE OF WELL</b><br>Oil Well | <b>8. WELL NAME and NUMBER:</b><br>Horrocks 4-20A1 |
|------------------------------------|--|

|  |   |
|--|---|
| <b>2. NAME OF OPERATOR:</b><br>EL PASO E&P COMPANY, LP | <b>9. API NUMBER:</b><br>43013501550000 |
|--|---|

|  |  |  |
|--|--|--|
| <b>3. ADDRESS OF OPERATOR:</b><br>1099 18th ST, STE 1900 , Denver, CO, 80202 | <b>PHONE NUMBER:</b><br>303 291-6417 Ext | <b>9. FIELD and POOL or WILDCAT:</b><br>BLUEBELL |
|--|--|--|

|   |                            |
|---|----------------------------|
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0673 FSL 1963 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SESW Section: 20 Township: 01.0S Range: 01.0W Meridian: U | <b>COUNTY:</b><br>DUCHESNE |
|   | <b>STATE:</b><br>UTAH      |

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

| TYPE OF SUBMISSION   | TYPE OF ACTION   |   |   |
|--|--|---|---|
| <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>9/1/2010<br><br><input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:<br><br><input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:<br><br><input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date: | <input type="checkbox"/> ACIDIZE<br><input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> DEEPEN<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PRODUCTION START OR RESUME<br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> WATER SHUTOFF<br><input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> SI TA STATUS EXTENSION<br><input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE WELL NAME<br><input type="checkbox"/> CONVERT WELL TYPE<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br><input type="checkbox"/> TEMPORARY ABANDON<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> APD EXTENSION<br>OTHER: <input style="width: 100px;" type="text"/> |

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

EL PASO REQUESTS APPROVAL TO EXTEND THE PERMIT TD TO 14,650'.  
 GEOLOGIST, GREG CLARK, WANTS TO BE ON THE SAME GEOLOGIC STRATIGRAPHIC DEPTH AS EL PASO'S DYE 2-28A1.

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

**Date:** August 19, 2010

**By:** *Derek Duff*

|  |                                     |                                       |
|--|-------------------------------------|---------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Marie Okeefe | <b>PHONE NUMBER</b><br>303 291-6417 | <b>TITLE</b><br>Sr Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                    | <b>DATE</b><br>8/12/2010            |                                       |



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

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43013501550000**

**Production Liner O.K. for maximum anticipated bottom hole pressure calculated at  
0.6760 psi/ft.**

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

**Date:** August 19, 2010  
**By:** *David K. Quist*

|   |               |
|---|---------------|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING | <b>FORM 9</b> |
| <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>FEE                                       |               |

|  |  |
|--|--|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br> |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | <b>7. UNIT or CA AGREEMENT NAME:</b><br><br>         |

|                                    |  |
|------------------------------------|--|
| <b>1. TYPE OF WELL</b><br>Oil Well | <b>8. WELL NAME and NUMBER:</b><br>Horrocks 4-20A1 |
|------------------------------------|--|

|  |   |
|--|---|
| <b>2. NAME OF OPERATOR:</b><br>EL PASO E&P COMPANY, LP | <b>9. API NUMBER:</b><br>43013501550000 |
|--|---|

|  |  |  |
|--|--|--|
| <b>3. ADDRESS OF OPERATOR:</b><br>1099 18th ST, STE 1900 , Denver, CO, 80202 | <b>PHONE NUMBER:</b><br>303 291-6417 Ext | <b>9. FIELD and POOL or WILDCAT:</b><br>BLUEBELL |
|--|--|--|

|   |                            |
|---|----------------------------|
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0673 FSL 1963 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SESW Section: 20 Township: 01.0S Range: 01.0W Meridian: U | <b>COUNTY:</b><br>DUCHESNE |
| <b>STATE:</b><br>UTAH   |                            |

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

| TYPE OF SUBMISSION  | TYPE OF ACTION   |   |  |
|---|--|---|--|
| <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>8/19/2010 | <input type="checkbox"/> ACIDIZE<br><input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> DEEPEN<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PRODUCTION START OR RESUME<br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> WATER SHUTOFF<br><input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> SI TA STATUS EXTENSION<br><input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE WELL NAME<br><input type="checkbox"/> CONVERT WELL TYPE<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br><input type="checkbox"/> TEMPORARY ABANDON<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> APD EXTENSION<br>OTHER: <input style="width: 50px;" type="text"/> |
| <input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:                                 |  |   |  |
| <input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:  |  |   |  |
| <input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:   |  |   |  |

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

El Paso requestS approval to set surface casing at a depth of 4915' rather than 5,961'. We are past all predicted water flows and would like to get them behind pipe as quickly as possible. water injection zones can result in significantly degraded hole quality. We want to case the zone as quickly as possible after penetration. This encourages a better cement job across the injection zone to maximize containment. VERBAL APPROVAL GIVEN BY DUSTIN DOUCETT 8.19.10 3:35PM FOR ABOVE REQUEST.

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

Date: August 19, 2010

By: *Dustin Doucett*

|  |                                     |                                       |
|--|-------------------------------------|---------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Marie Okeefe | <b>PHONE NUMBER</b><br>303 291-6417 | <b>TITLE</b><br>Sr Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                    | <b>DATE</b><br>8/19/2010            |                                       |

|   |               |
|---|---------------|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING | <b>FORM 9</b> |
|---|---------------|

|  |   |
|--|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>FEE |
|  | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>          |
|  | <b>7. UNIT or CA AGREEMENT NAME:</b>                  |

|                                    |  |
|------------------------------------|--|
| <b>1. TYPE OF WELL</b><br>Oil Well | <b>8. WELL NAME and NUMBER:</b><br>Horrocks 4-20A1 |
|------------------------------------|--|

|  |   |
|--|---|
| <b>2. NAME OF OPERATOR:</b><br>EL PASO E&P COMPANY, LP | <b>9. API NUMBER:</b><br>43013501550000 |
|--|---|

|  |  |  |
|--|--|--|
| <b>3. ADDRESS OF OPERATOR:</b><br>1099 18th ST, STE 1900 , Denver, CO, 80202 | <b>PHONE NUMBER:</b><br>303 291-6417 Ext | <b>9. FIELD and POOL or WILDCAT:</b><br>BLUEBELL |
|--|--|--|

|   |                            |
|---|----------------------------|
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0673 FSL 1963 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SESW Section: 20 Township: 01.0S Range: 01.0W Meridian: U | <b>COUNTY:</b><br>DUCHESNE |
|   | <b>STATE:</b><br>UTAH      |

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

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
| <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>10/25/2010 | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> DEEPEN<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PRODUCTION START OR RESUME<br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> WATER SHUTOFF<br><input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> SI TA STATUS EXTENSION<br><input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE WELL NAME<br><input type="checkbox"/> CONVERT WELL TYPE<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br><input type="checkbox"/> TEMPORARY ABANDON<br><input type="checkbox"/> WATER DISPOSAL<br><input checked="" type="checkbox"/> APD EXTENSION<br>OTHER: <input style="width: 100px;" type="text"/> |
| <input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:                                  |   |   |  |
| <input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:   |   |   |  |
| <input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:  |   |   |  |

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

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

**Date:** October 25, 2010

**By:**

|  |                                     |                                       |
|--|-------------------------------------|---------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Marie Okeefe | <b>PHONE NUMBER</b><br>303 291-6417 | <b>TITLE</b><br>Sr Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                    | <b>DATE</b><br>10/25/2010           |                                       |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013501550000

API: 43013501550000

Well Name: Horrocks 4-20A1

Location: 0673 FSL 1963 FWL QTR SESW SEC 20 TWP 010S RNG 010W MER U

Company Permit Issued to: EL PASO E&P COMPANY, LP

Date Original Permit Issued: 11/17/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
- Has the approved source of water for drilling changed?  Yes  No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
- Is bonding still in place, which covers this proposed well?  Yes  No

Approved by the Utah Division of Oil, Gas and Mining

Signature: Marie Okeefe Date: 10/25/2010 Title: Administrator Representing: EL PASO E&P COMPANY, LP

Date: October 25, 2010

By: [Signature]

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b>   |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>FEE   |
|  | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br><b>7. UNIT or CA AGREEMENT NAME:</b>                        |
| <b>1. TYPE OF WELL</b><br>Oil Well   | <b>8. WELL NAME and NUMBER:</b><br>HORROCKS 4-20A1  |
| <b>2. NAME OF OPERATOR:</b><br>EL PASO E&P COMPANY, LP   | <b>9. API NUMBER:</b><br>43013501550000   |
| <b>3. ADDRESS OF OPERATOR:</b><br>1099 18th ST, STE 1900 , Denver, CO, 80202   | <b>PHONE NUMBER:</b><br>303 291-6417 Ext  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0673 FSL 1963 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SESW Section: 20 Township: 01.0S Range: 01.0W Meridian: U  | <b>9. FIELD and POOL or WILDCAT:</b><br>BLUEBELL<br><br><b>COUNTY:</b><br>DUCHESNE<br><br><b>STATE:</b><br>UTAH |

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

| TYPE OF SUBMISSION  | TYPE OF ACTION   |   |   |
|---|--|---|---|
| <input type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:   | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                  |
| <input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:           | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:                            | <input type="checkbox"/> CHANGE WELL STATUS            | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE              |
| <input checked="" type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:<br>1/11/2011 | <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.

Spud well with 20" infrastructure pipe; set @ 40' - Wayne Garner with El Paso called 12/17/09

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 01/12/2011

|  |                                     |                                       |
|--|-------------------------------------|---------------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Marie Okeefe | <b>PHONE NUMBER</b><br>303 291-6417 | <b>TITLE</b><br>Sr Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                    | <b>DATE</b><br>1/12/2011            |                                       |

12/29/09 spud 20" @ 40'



## EL PASO PRODUCTION Operations Summary Report

|                                   |  |                      |
|-----------------------------------|--|----------------------|
| Legal Well Name: HORROCKS 4-20A1  |  | Spud Date: 1/20/2010 |
| Common Well Name: HORROCKS 4-20A1 |  | Start: 12/15/2009    |
| Event Name: DRILLING              |  | End:                 |
| Contractor Name:                  |  | Rig Release: Group:  |
| Rig Name:                         |  | Rig Number:          |

| Date       | From - To     | Hours | Code | Sub Code | Phase | Description of Operations   |
|------------|---------------|-------|------|----------|-------|---|
| 12/17/2009 | 06:00 - 06:00 | 24.00 | D    | 18       |       | BUILD ROAD & LOCATION   |
| 12/30/2009 | 06:00 - 18:00 | 12.00 | D    | 03       |       | Pete Martin Drilling MIRU drilled 30" x 40' hole set 40' x 20" conductor and cemented with Type G ready mix 3 yards.  |
|            |               |       |      |          |       | JENKINS TRUCKING DELIVERED 22 JOINTS 13 3/8" 54.5# J-55 STC CASING<br>RECEIVED CASING FROM ALTAMONT YARD - DELIVERED TO HORROCKS 4-20A1 AFE#140253<br>TICKET #2616<br>TICKET #4045  |
|            |               |       |      |          |       | RUN 19 JTS 13 3/8" 54.5# J-55 ST&C @ OPT. TORQUE 5140 (ft-lbs) WITH FLOAT SHOE & FLOAT COLLAR MAX. TORQUE 6430 (ft-lbs). TOTAL LENGTH @ 819.7' MINUS 0' STICK UP, MINUS KB 0' = 819.7' GROUND LEVEL. RD & RELEASE PRO PETRO DRILLING RIG. JENKINS TRUCKING RETURNED 3 JOINTS 13 3/8" 54.5# J-55 STC CASING TO ALTAMONT YARD.<br>TICKET #  |
| 1/21/2010  | 06:00 - 07:30 | 1.50  | D    | 01       |       | CENTRIZERS AND STOP COLLARS FIRST 3 JOINTS THEREAFTER EVERY THIRD JOINT.  |
|            | 07:30 - 17:00 | 9.50  | D    | 01       |       | WAIT ON DAYLIGHT<br>MIRU PREO PETRO RIG #10 {MOVED FROM THE LAKE FORK RANCH 3-14B4}<br>NOTE: {NEEDED GRADER TO ASSIST RIG & EQUIPMENT INTO LOCATION}  |
|            | 17:00 - 04:30 | 11.50 | D    | 03       |       | AIR HAMMER DRILL 17 1/2" HOLE FROM 40' TO 630'  |
| 1/22/2010  | 04:30 - 06:00 | 1.50  | D    | 05       |       | ACCUMULATED CONNECTION & SURVEY TIMES   |
|            | 06:00 - 13:30 | 7.50  | D    | 03       |       | AIR HAMMER DRILL 17 1/2" HOLE FROM 630' TO 865' {TOTAL DEPTH FOR 13 3/8" CASING}<br>NOTE: WATER AT 660' WAS ABLE TO CONTINUE DRILLING WITH AIR, ONLY FILLED ONE SIDE OF RESERVE PIT   |
|            | 13:30 - 14:30 | 1.00  | D    | 08       |       | CIRCULATE HOLE CLEAN  |
|            | 14:30 - 15:00 | 0.50  | D    | 05       |       | SURVEY @840' {1 DEGREE}   |
|            | 15:00 - 17:00 | 2.00  | D    | 04       |       | POOH  |
|            | 17:00 - 20:30 | 3.50  | D    | 12       |       | RIG UP & RUN 19 JOINTS 13 3/8" 54.5# J-55 STC CASING<br>CENTRIZERS & STOP COLLARS FIRST 3 JOINTS THEREAFTER EVERY THIRD JOINT.  |
|            | 20:30 - 21:00 | 0.50  | D    | 01       |       | TOTAL CASING LENGTH = 819.74'   |
|            | 21:00 - 23:00 | 2.00  | D    | 14       |       | RIG DOWN & MOVE OFF WELL {RELEASED PRO PETRO RIG #10 01/21/2010 @ 21:00 HOURS<br>HELD 3RD PARTY SAFETY MEETING, TEST LINES. PUMP 30 BBLS H2O AHEAD FOLLOWED BY 20 BBLS GEL SPACER. START LEAD CEMENT MIX & PUMP 230 BBLS OF 15.8# PREMIUM CEMENT WITH 2 % CACL2 AND 1/4#/sk FLOCELE. DROP PLUG AND DISPLACE WITH 119 BBLS OF H2O. LAND PLUG CHECK FLOAT {OK} CEMENT FELL 4 FEET AND HELD. FULL RETURNS THROUGH JOB! |
|            | 23:00 - 06:00 | 7.00  | D    | 01       |       | MOVE RIG TO THE MEEKS 3-32A4 {95% MOVED OFF THE HORROCKS 4-20A1}<br>CAMP TRAILER, LIGHT TOWERS, GENERATOR & FRAC TANKS STILL ON LOCATION @06:00 01/22/2010  |
| 8/11/2010  | 06:00 - 09:00 | 3.00  | D    | 01       |       | MOVE RIG IN F/ HURLEY 2-33A1 TO HORROCKS 4-20A1.  |

**RECEIVED** January 12, 2011



# EL PASO PRODUCTION Operations Summary Report

|                   |                 |              |                      |
|-------------------|-----------------|--------------|----------------------|
| Legal Well Name:  | HORROCKS 4-20A1 |              |                      |
| Common Well Name: | HORROCKS 4-20A1 | Start:       | 12/15/2009           |
| Event Name:       | DRILLING        | End:         | Spud Date: 1/20/2010 |
| Contractor Name:  |                 | Rig Release: | Group:               |
| Rig Name:         |                 | Rig Number:  |                      |

| Date          | From - To     | Hours | Code | Sub Code | Phase  | Description of Operations  |
|---------------|---------------|-------|------|----------|--|--|
| 8/11/2010     | 09:00 - 18:00 | 9.00  | D    | 01       |  | RIG UP RIG.  |
|               | 18:00 - 06:00 | 12.00 | DT   | 60       |  | RIG REPAIRS (BRAKES, PITS & PUMPS).  |
| 8/12/2010     | 06:00 - 11:00 | 5.00  | D    | 01       |  | CREW CHANGE. SAFETY MEETING PU BHA. FINISH RIGGING UP PASON, RIG FLOOR, FLOW LINE & KELLY. WORK ON TRI-PLEX PUMPS ROD LUBE/COOLER PUMPS FROM 0600A.M. TO 1030 P.M.   |
|               | 11:00 - 18:00 | 7.00  | D    | 04       |  | PU BHA #1 STRAP, ID & OD. WORK ON TRI-PLEX PUMPS ROD LUBE/COOLER PUMPS FROM 0600A.M. TO 1030 P.M.  |
|               | 18:00 - 18:15 | 0.25  | D    | 18       |  | CREW CHANGE. SAFETY MEETING PRESSURE TESTING. WORK ON TRI-PLEX PUMPS ROD LUBE/COOLER PUMPS FROM 0600A.M. TO 1030 P.M.  |
|               | 18:15 - 06:00 | 11.75 | D    | 09       |  | TEST DIVERTER STACK 250 PSI LOW / 500 PSI HIGH FOR 10 MIN. TEST HELD. TESTING CASING 250 PSI. REPLACE COUPLINGS ON HCR VALVE & ANN. BAG. TIGHTEN FLOW LINE FLANGE. WORK ON TRI-PLEX PUMPS ROD LUBE/COOLER PUMPS FROM 0600A.M. TO 1030 P.M. |
| 8/13/2010     | 06:00 - 06:15 | 0.25  | D    | 18       |  | CREW CHANGE. SAFETY MEETING ON TESTING CASING.   |
|               | 06:15 - 07:30 | 1.25  | D    | 09       |  | PRESSURE TEST CASING TO 250 PSI FOR 30 MIN. TESTED.  |
|               | 07:30 - 09:00 | 1.50  | D    | 01       |  | RE RIG UP FLOW LINE, KELLY HOSE & DIG DITCH.   |
|               | 09:00 - 09:30 | 0.50  | D    | 04       |  | TIH TAGGED CMT @ 746'.   |
|               | 09:30 - 12:30 | 3.00  | D    | 13       |  | DRILLED CEMENT, FLOAT COLLAR & FLOAT GUIDE SHOE F/746' TO 838'.  |
|               | 12:30 - 13:00 | 0.50  | D    | 09       |  | F.I.T. TEST. LEAK OF GRAD. .8 PSI / FT 324 PSI. TEST HELD.   |
|               | 13:00 - 15:00 | 2.00  | DT   | 60       |  | ADJUST RIG BRAKES.   |
|               | 15:00 - 16:00 | 1.00  | D    | 18       |  | DRILL F/ 838' TO 865'.   |
|               | 16:00 - 18:00 | 2.00  | D    | 03       |  | DRILLED F/ 865' TO 973'. DRILLED 108' FOR 2 HRS @ 54.00 FPH. 600 GPM, 115 ROTARY @ BIT, 1310 PSI, 12 - 15 WT ON BIT.   |
|               | 18:00 - 18:15 | 0.25  | D    | 18       |  | CREW CHANGE. SAFETY MEETING ON SAYING OF DRILL PIPE IN TUBES.  |
|               | 18:15 - 18:30 | 0.25  | DT   | 63       |  | LD BAD JOINT DRILL PIPE.   |
|               | 18:30 - 21:00 | 2.50  | D    | 03       |  | DRILLED F/ 973' TO 1162'. DRILLED 189' FOR 2.5 HRS @ 75.6 FPH. 700 GPM, 130 ROTARY @ BIT, 1700 PSI, 15 WT ON BIT.  |
|               | 21:00 - 21:30 | 0.50  | D    | 05       |  | DEVIATION SURVEY MISS FIRE.  |
|               | 21:30 - 22:00 | 0.50  | D    | 03       |  | DRILLED F/ 1162' TO 1193'. DRILLED 31' FOR .5 HRS @ 62 FPH. 700 GPM, 130 ROTARY @ BIT, 1700 PSI, 15 WT ON BIT.   |
| 8/14/2010     | 22:00 - 22:30 | 0.50  | D    | 05       |  | DEVIATION SURVEY @ 1108' .750 DEGREES.   |
|               | 22:30 - 01:00 | 2.50  | D    | 03       |  | DRILLED F/ 1193' TO 1510'. DRILLED 317' FOR 2.5 HRS @ 126.8 FPH. 700 GPM, 130 ROTARY @ BIT, 1700 PSI, 15 WT ON BIT.  |
|               | 01:00 - 01:30 | 0.50  | D    | 05       |  | DEVIATION SURVEY @ 1424' .50 DEGREES.  |
|               | 01:30 - 05:00 | 3.50  | D    | 03       |  | DRILLED F/ 1510' TO 1818'. DRILLED 308' FOR 3.5 HRS @ 88 FPH. 700 GPM, 130 ROTARY @ BIT, 1700 PSI, 15 WT ON BIT.   |
|               | 05:00 - 05:30 | 0.50  | D    | 05       |  | DEVIATION SURVEY @ 1733' .75 DEGREES.  |
|               | 05:30 - 06:00 | 0.50  | D    | 06       |  | RIG SERVICE.   |
|               | 06:00 - 06:15 | 0.25  | D    | 18       |  | CREW CHANGE. SAFETY MEETING ON CONNECTIONS.  |
|               | 06:15 - 10:00 | 3.75  | D    | 03       |  | DRILLED F/ 1818' TO 2165'. DRILLED 347' FOR 3.75 HRS @ 92.5 FPH. 700 GPM, 130 ROTARY @ BIT, 1700 PSI, 25 WT ON BIT.  |
|               | 10:00 - 11:00 | 1.00  | D    | 18       |  | 25 GPM WATER FLOW @ 2,133'. SHUT WELL IN FOR 30 MIN. FOR KILL MUD WEIGHT. SHUT IN PRESSURE 80 PSI. KILL MUD 9.1 PPG PLUS 1 PPG OVER = 10.1 PPG..   |
|               | 11:00 - 11:30 | 0.50  | D    | 05       |  | DEVIATION SURVEY @ 2080'. MIS FIRE.  |
| 11:30 - 12:00 | 0.50          | D     | 03   |          | DRILLED F/ 2165' TO 2197'. DRILLED 32' FOR .5 HRS @ 64 FPH. 700 GPM, 130 ROTARY @ BIT, 1700 PSI, 25 WT ON BIT. |  |
| 12:00 - 12:30 | 0.50          | D     | 05   |          | DEVIATION SURVEY @ 2102' MIS FIRE.   |  |
| 12:30 - 13:00 | 0.50          | D     | 03   |          | DRILLED F/ 2197' TO 2229'. DRILLED 32' FOR .5 HRS @ 64 FPH. 700  |  |

RECEIVED January 12, 2011



# EL PASO PRODUCTION

## Operations Summary Report

|                   |                 |              |            |
|-------------------|-----------------|--------------|------------|
| Legal Well Name:  | HORROCKS 4-20A1 |              |            |
| Common Well Name: | HORROCKS 4-20A1 | Start:       | 12/15/2009 |
| Event Name:       | DRILLING        | End:         | 1/20/2010  |
| Contractor Name:  |                 | Rig Release: | Group:     |
| Rig Name:         |                 | Rig Number:  |            |

| Date          | From - To     | Hours | Code | Sub Code | Phase  | Description of Operations   |
|---------------|---------------|-------|------|----------|--|---|
| 8/14/2010     | 12:30 - 13:00 | 0.50  | D    | 03       |  | GPM, 130 ROTARY @ BIT, 1700 PSI, 25 WT ON BIT.  |
|               | 13:00 - 13:30 | 0.50  | D    | 05       |  | DEVIATION SURVEY @ 2134' .5 DEGREES.  |
|               | 13:30 - 16:15 | 2.75  | D    | 03       |  | DRILLED F/ 2229' TO 2511'. DRILLED 282' FOR 2.75 HRS @ 102.55 FPH. 700 GPM, 130 ROTARY @ BIT, 1700 PSI, 25 WT ON BIT.   |
|               | 16:15 - 17:00 | 0.75  | D    | 18       |  | RE-INSTALL ROTATING HEAD.   |
|               | 17:00 - 18:00 | 1.00  | D    | 03       |  | DRILLED F/ 2511' TO 2607'. DRILLED 96' FOR 1.00 HRS @ 96 FPH. 700 GPM, 130 ROTARY @ BIT, 1700 PSI, 22 WT ON BIT. FLOW INCREASED TO 50 GPM.                                    |
|               | 18:00 - 18:15 | 0.25  | D    | 18       |  | CREW CHANGE. SAFETY MEETING ON SHUTTING WELL IN FOR KILL MUD WEIGHT. 95 PSI SHUT IN PRESSURE. KILL MUD WEIGHT 10.1 PPG PLUS A POUND OVER = 10.1 PPG.                          |
|               | 18:15 - 19:30 | 1.25  | D    | 03       |  | DRILLED F/ 2607' TO 2731'. DRILLED 124' FOR 1.25 HRS @ 99.2 FPH. 700 GPM, 130 ROTARY @ BIT, 1700 PSI, 22 WT ON BIT.   |
|               | 19:30 - 20:00 | 0.50  | D    | 18       |  | SHUT WELL IN TO GET KILL MUD WEIGHT. GETTING MUD FROM PD 404 TO HAVE ENOUGH TO DISPLACE HOLE AND HAVE PITS 3/4 FULL.  |
|               | 20:00 - 22:00 | 2.00  | D    | 03       |  | DRILLED F/ 2731' TO 2856'. DRILLED 125' FOR 2 HRS @ 62.5 FPH. 700 GPM, 130 ROTARY @ BIT, 1700 PSI, 22 WT ON BIT.  |
|               | 22:00 - 22:30 | 0.50  | D    | 05       |  | DEVIATION SURVEY @ 2772' 1 DEGREE.  |
| 22:30 - 03:00 | 4.50          | D     | 03   |          | DRILLED F/ 2856' TO 3222'. DRILLED 366' FOR 4.5 HRS @ 81.33 FPH. 700 GPM, 130 ROTARY @ BIT, 1700 PSI, 22 WT ON BIT.                                |   |
| 03:00 - 06:00 | 3.00          | D     | 08   |          | CIRCULATE & MUD UP. PUMP 11.0 PPG MUD WITH 20% TO 30% LCM DOWN HOLE LOST 100 BBLs. BUILDING VOLUME IN PITS AND SENT TRUCKS TO PD 404 FOR MORE MUD. |   |
| 8/15/2010     | 06:00 - 06:15 | 0.25  | D    | 18       |  | CREW CHANGE. SAFETY MEETING.  |
|               | 06:15 - 07:00 | 0.75  | D    | 08       |  | CIRCULATE. MUD UP HOLE.   |
|               | 07:00 - 07:30 | 0.50  | D    | 04       |  | PU 4 JOINTS PIPE THAT WAS LAYED DOWN TRIP IN HOLE.  |
|               | 07:30 - 08:00 | 0.50  | DT   | 60       |  | CHANGE FILTERS ON #1.   |
|               | 08:00 - 13:00 | 5.00  | D    | 03       |  | DRILLED F/ 3222' TO 3299'. DRILLED 77' FOR 5 HRS @ 15.4 FPH. 600 GPM, 120 ROTARY @ BIT, 2900 PSI, 22 WT ON BIT.   |
|               | 13:00 - 13:30 | 0.50  | D    | 05       |  | DEVIATION SURVEY @ 3245' - 1/4 DEG, TVD 3299'   |
|               | 13:30 - 15:00 | 1.50  | D    | 03       |  | DRILLED F/ 3299' TO 3349'. DRILLED 50' FOR 1.5 HR @ 33.3 FPH. 600 GPM, 120 ROTARY @ BIT, 2900 PSI, 22 WT ON BIT.  |
|               | 15:00 - 16:00 | 1.00  | DT   | 60       |  | CIRCULATE WITH PUMP #1. MECHANICAL WORK ON PUMP #2. ELECTRICAL WORK ON BREAKERS/ CP.  |
|               | 16:00 - 18:00 | 2.00  | DT   | 60       |  | CIRCULATE WITH BOTH PUMPS AT PARTIAL STROKES.   |
|               | 18:00 - 21:00 | 3.00  | DT   | 60       |  | CREW CHANGE. SAFETY MEETING WITH AZTEC SAFETY MAN. CIRCULATE WITH PUMP #1. CHANGE LINERS ON PUMP #2 FROM 6.5" TO 6".  |
| 21:00 - 02:30 | 5.50          | DT    | 60   |          | CIRCULATE WITH PUMP #2. CHANGE LINERS ON PUMP #1 FROM 6.5" TO 6".  |   |
| 02:30 - 04:45 | 2.25          | D     | 03   |          | DRILLED F/3349' TO 3358'. DRILLED 9' FOR 2.25 HR @ 4 FPH. 600 - 700 GPM, 120 ROTARY @ BIT, 2300 PSI, 18 - 27 WT ON BIT. BIT APPEARED TO BE BALLED. |   |
| 04:45 - 06:00 | 1.25          | DT    | 60   |          | REPAIR PUMP #1 - LINER GASKET.   |   |
| 8/16/2010     | 06:00 - 08:00 | 2.00  | DT   | 60       |  | RIG REPAIRS #1 PMP X-0 LINER GASKET.  |
|               | 08:00 - 09:30 | 1.50  | D    | 03       |  | DRILLED F/3358' TO 3374'. DRILLED 16' FOR 1.50 HR @ 10.67 FPH. 600 GPM, 120 ROTARY @ BIT, 2751 PSI, 18 - 27 WT ON BIT. BIT APPEARED TO BE BALLED. HAVING PUMP PROBLEMS.       |
|               | 09:30 - 12:00 | 2.50  | DT   | 60       |  | RIG REPAIRS #1 PMP X-0 LINER GASKET.  |
|               | 12:00 - 17:00 | 5.00  | D    | 03       |  | DRILLED F/3374' TO 3519'. DRILLED 145' FOR 5.00 HR @ 29 FPH. 600 GPM, 120 ROTARY @ BIT, 2851 PSI, 18 - 27 WT ON BIT. BIT BALLED UP WHEN START DRILLING IT TAKES A 1 1/2 HR TO |

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

Legal Well Name: HORROCKS 4-20A1  
 Common Well Name: HORROCKS 4-20A1  
 Event Name: DRILLING  
 Contractor Name:  
 Rig Name:

Spud Date: 1/20/2010  
 Start: 12/15/2009 End:  
 Rig Release: Group:  
 Rig Number:

| Date      | From - To     | Hours | Code | Sub Code | Phase | Description of Operations  |
|-----------|---------------|-------|------|----------|-------|--|
| 8/16/2010 | 12:00 - 17:00 | 5.00  | D    | 03       |       | CLEAN BIT OFF.   |
|           | 17:00 - 18:00 | 1.00  | DT   | 60       |       | RIG REPAIRS #2 PMP X-0 LINER GASKET.   |
|           | 18:00 - 00:00 | 6.00  | DT   | 60       |       | CREW CHANGE. SAFETY MEETING. RIG REPAIRS #2 PMP.   |
|           | 00:00 - 05:00 | 5.00  | D    | 03       |       | DRILLED F/3519' TO 3607'. DRILLED 88' FOR 5 HR @ 17.6 FPH. 600 GPM, 120 ROTARY @ BIT, 2851 PSI, 18 - 27 WT ON BIT. BIT BALLED UP WHEN START DRILLING IT TAKES A 1 1/2 HR TO CLEAN BIT OFF. |
|           | 05:00 - 05:45 | 0.75  | DT   | 60       |       | RIG REPAIRS ON #2 PUMP SWAB OUT.   |
|           | 05:45 - 06:00 | 0.25  | D    | 03       |       | DRILLED F/3607' TO 3608'. DRILLED 1' FOR .25 HR @ 4 FPH. 600 GPM, 120 ROTARY @ BIT, 2851 PSI, 18 - 27 WT ON BIT. BIT BALLED UP WHEN START DRILLING IT TAKES A 1 1/2 HR TO CLEAN BIT OFF.   |
| 8/17/2010 | 06:00 - 09:00 | 3.00  | D    | 03       |       | CREW CHANGE. SAFETY MEETING. DRILLED F/3608' TO 3625'. DRILLED 17' FOR 3 HR @ 5.67 FPH. 600 GPM, 120 ROTARY @ BIT, 2851 PSI, 18 - 27 WT ON BIT. BIT BALLING UP.                            |
|           | 09:00 - 16:00 | 7.00  | DT   | 60       |       | RIG REPAIRS. REPAIR PUMP #1 CHANGE OUT SEATS AND VALVES ON MOTOR SIDE, CHANGE OUT SWAB ON #2 PUMP.   |
|           | 16:00 - 18:00 | 2.00  | D    | 04       |       | TOOH F/ 3625' TO 2505'. STICKY @ 2505' WORK WALL CAKE FREE.  |
|           | 18:00 - 03:00 | 9.00  | DT   | 60       |       | CREW CHANGE. SAFETY MEETING. TOOH F/ 2505' TO SURFACE. CHANGE OUT 2 ROD PACKINGS ON #1 PUMP WHILE TRIPPING OUT OF HOLE.  |
|           | 03:00 - 05:00 | 2.00  | D    | 04       |       | LD BIT, TORQUE BUSTER & MUD MOTOR.   |
| 8/18/2010 | 05:00 - 06:00 | 1.00  | D    | 04       |       | TIH W/ NEW BIT & BHA #2.   |
|           | 06:00 - 15:30 | 9.50  | D    | 04       |       | CREW CHANGE. SAFETY MEETING ON TIH. TIH. WASH & REAM F/ 3605' TO 3625'.  |
|           | 15:30 - 16:30 | 1.00  | D    | 03       |       | DRILLED F/3625' TO 3649'. DRILLED 24' FOR 1 HR @ 24 FPH. 600 GPM, 80 ROTARY @ BIT, 2086 PSI, 16 WT ON BIT.   |
|           | 16:30 - 17:00 | 0.50  | D    | 05       |       | DEVIATION SURVEY @ 3609' 1 DEGREE.   |
|           | 17:00 - 17:30 | 0.50  | DT   | 60       |       | WORK ON #1 PUMP.   |
|           | 17:30 - 18:00 | 0.50  | D    | 03       |       | DRILLED F/3639' TO 3668'. DRILLED 29' FOR 1/2 HR @ 58 FPH. 600 GPM, 80 ROTARY @ BIT, 2086 PSI, 16 WT ON BIT.   |
|           | 18:00 - 06:00 | 12.00 | D    | 03       |       | CREW CHANGE. SAFETY MEETING ON CONNECTIONS. DRILLED F/3668' TO 4111'. DRILLED 443' FOR 12 HR @ 36.92 FPH. 670 GPM, 80 ROTARY @ BIT, 2096 PSI, 16 WT ON BIT.                                |
| 8/19/2010 | 06:00 - 07:00 | 1.00  | D    | 03       |       | CREW CHANGE. SAFETY MEETING. DRILLED F/4111' TO 4142'. DRILLED 31' FOR 1 HR @ 31 FPH. 670 GPM, 80 ROTARY @ BIT, 2096 PSI, 16 WT ON BIT.  |
|           | 07:00 - 07:30 | 0.50  | D    | 05       |       | DEVIATION SURVEY @ 4111' 1/4 DEGREE.   |
|           | 07:30 - 08:00 | 0.50  | D    | 06       |       | SERVICE RIG.   |
|           | 08:00 - 08:30 | 0.50  | D    | 03       |       | DRILLED F/4142' TO 4173'. DRILLED 31' FOR 1/2 HR @ 62 FPH. 670 GPM, 80 ROTARY @ BIT, 2096 PSI, 16 WT ON BIT.   |
|           | 08:30 - 09:30 | 1.00  | DT   | 60       |       | RIG REPAIRS. REPAIR FUEL LEAK #1 MUD MOTOR.  |
|           | 09:30 - 17:00 | 7.50  | D    | 03       |       | DRILLED F/4173' TO 4460'. DRILLED 287' FOR 7.5 HR @ 38.27 FPH. 670 GPM, 80 ROTARY @ BIT, 2096 PSI, 16 WT ON BIT.   |
|           | 17:00 - 18:00 | 1.00  | D    | 05       |       | CONNECTION TIME & SAFETY STAND DOWN MEETING @ 11:15 A.M.   |
|           | 18:00 - 23:30 | 5.50  | D    | 03       |       | DRILLED F/4460' TO 4580'. DRILLED 120' FOR 5.5 HR @ 21.82 FPH. 670 GPM, 80 ROTARY @ BIT, 2096 PSI, 16 WT ON BIT.   |
|           | 23:30 - 01:00 | 1.50  | DT   | 60       |       | RIG REPAIRS. #1 MUD PUMP LINER GASKET.   |
|           | 01:00 - 03:00 | 2.00  | D    | 03       |       | DRILLED F/4580' TO 4613'. DRILLED 33' FOR 2 HR @ 16.5 FPH. 670 GPM, 80 ROTARY @ BIT, 2096 PSI, 16 WT ON BIT.   |
|           | 03:00 - 03:30 | 0.50  | D    | 05       |       | DEVIATION SURVEY @ 4573' .5 DEGREES.   |
|           | 03:30 - 06:00 | 2.50  | D    | 03       |       | DRILLED F/4613' TO 4645'. DRILLED 32' FOR 2.5 HR @ 12.8 FPH. 670   |

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EL PASO PRODUCTION  
Operations Summary Report

Legal Well Name: HORROCKS 4-20A1  
Common Well Name: HORROCKS 4-20A1  
Event Name: DRILLING  
Contractor Name:  
Rig Name:

Spud Date: 1/20/2010  
Start: 12/15/2009  
End:  
Rig Release:  
Rig Number:  
Group:

| Date      | From - To     | Hours | Code | Sub Code | Phase | Description of Operations  |
|-----------|---------------|-------|------|----------|-------|--|
| 8/19/2010 | 03:30 - 06:00 | 2.50  | D    | 03       |       | GPM, 80 ROTARY @ BIT, 2096 PSI, 16 WT ON BIT.  |
| 8/20/2010 | 06:00 - 17:30 | 11.50 | D    | 03       |       | CREW CHANGE. SAFETY MEETING. DRILLED F/4645' TO 4945'. DRILLED 300' FOR 11.3 HR @ 26.55 FPH. 670 GPM, 80 ROTARY @ BIT, 2256 PSI, 22 WT ON BIT.   |
|           | 17:30 - 18:00 | 0.50  | D    | 08       |       | CIRCULATE 2 BOTTOMS UP FOR WIPER TRIP.   |
|           | 18:00 - 19:00 | 1.00  | D    | 08       |       | CREW CHANGE. SAFETY MEETING. CIRCULATE 2 BOTTOMS UP FOR WIPER TRIP.  |
|           | 19:00 - 01:30 | 6.50  | D    | 04       |       | TOOH TO 800' UP IN 13 3/8" CASING. LOTS OF WALL CAKE COMING OUT. HAD TO WORK PIPE.   |
|           | 01:30 - 03:00 | 1.50  | D    | 04       |       | TIH TO 2375'. KELLY UP DERRICK HAND PUMPED MUD TO EARTH PIT.   |
|           | 03:00 - 05:00 | 2.00  | DT   | 60       |       | BUILDING MUD VOLUME IN RIG PITS.   |
|           | 05:00 - 06:00 | 1.00  | D    | 07       |       | TIH. WASH & REAM F/ 2400' TO 2500'.  |
| 8/21/2010 | 06:00 - 13:00 | 7.00  | D    | 04       |       | CREW CHANGE. SAFETY MEETING. TIH WASH & REAM F/ 2500' TO 3064'. WASH & REAM F/ 4865' TO 4945'.   |
|           | 13:00 - 14:45 | 1.75  | D    | 08       |       | CIRCULATE 2 BOTTOMS UP.  |
|           | 14:45 - 18:00 | 3.25  | D    | 04       |       | TOOH TO 13 3/8" CASING 800'.   |
|           | 18:00 - 19:15 | 1.25  | D    | 04       |       | CREW CHANGE. SAFETY MEETING. TOOH TO 800'.   |
|           | 19:15 - 23:15 | 4.00  | D    | 04       |       | TIH F/ 800' TO 3905'. WASH & REAM F/ 3905' TO 3945'.   |
|           | 23:15 - 01:30 | 2.25  | D    | 08       |       | CIRCULATE & CONDITION HOLE.  |
|           | 01:30 - 01:45 | 0.25  | D    | 18       |       | SAFETY MEETING W/ WEATHERFORD. RU WEATHERFORD.   |
|           | 01:45 - 06:00 | 4.25  | D    | 04       |       | TOOH LD DP.  |
| 8/22/2010 | 06:00 - 11:00 | 5.00  | D    | 04       |       | TOOH LD DP. LD BHA #2.   |
|           | 11:00 - 19:30 | 8.50  | D    | 12       |       | SAFETY MEETING. RU RUN CASING. RUN 112 JTS 9 5/8" 40# N-80 LT&C @ OPT. TORQUE 7370 (ft-lbs) WITH FLOAT SHOE & FLOAT COLLAR MAX. TORQUE 9210 (ft-lbs). TOTAL LENGHT @ 4935.49' MINUS 3' STICK UP (4932.49' KB), MINUS KB 14' = 4918.49' GROUND LEVEL. RD & RELEASE WEATHERFORD CASING CREW. JENKINS TRUCKING WILL HAUL 49 JTS 9 5/8" N-80 40# LTC CASING BACK TO ALTAMONT YARD ON 8-22-2010.  |
|           | 19:30 - 23:00 | 3.50  | D    | 08       |       | CIRCULATE WORK CASING.   |
|           | 23:00 - 00:00 | 1.00  | D    | 14       |       | RU SCHLUMBER TO CEMENT.  |
|           | 00:00 - 01:00 | 1.00  | D    | 18       |       | SHUT DOWN FOR RIG HANDS TO HAVE A DRUG TEST.   |
|           | 01:00 - 05:00 | 4.00  | D    | 14       |       | CEMENT 9 5/8" 40# N-80 LTC SURFACE CASING WITH 20 BBLS FRESH WATER, 20 BBLS 12.2# MUD PUSH, LEAD CEMENT 12.5# (35:65-70 PLUS CEMNET: 2# BBL) 457 BBLS (1310 SKS) AT 12.5 PPG YEILD 1.96 FT3/SK WATER 11.07 GAL/SK, TAIL CEMENT 14.2# CLASS G 10:0 RFC 60 BBLS (210 SKS) AT 14.2 PPG YEILD 1.61 FT3/SK WATER 8.068 GAL/SK. DROP PLUG ON THE FLY. DISPLACE WITH 370 BBLS OF PIT WATER. BUMP PLUG FROM 1181 PSI AT 2.4 BPM TO 932 PSI. HELD PRESSURE FOR 20 MIN. BLEED PRESSURE OFF. FLOATS HOLDING. ANNULUS HOLDING. 50 BBLS CEMENT RETURNS. RIG DOWN SCHLUMBERGER. RD & RELEASE SCHLUMBERGER. |
|           | 05:00 - 06:00 | 1.00  | D    | 10       |       | ND STACK.  |
| 8/23/2010 | 06:00 - 17:00 | 11.00 | D    | 10       |       | CREW CHANGE. SAFETY MEETING. ND STACK. SET SLIPS WITH WEATHERFORD. FINISH ND STACK. RIG RELEASED 12:00 NOON 8/22/2010.   |
|           | 17:00 - 18:00 | 1.00  | DT   | 67       |       | RIG RELEASED 12:00 NOON 8/22/2010. WORK ON RIG BRAKES.   |
|           | 18:00 - 06:00 | 12.00 | DT   | 67       |       | RIG RELEASED 12:00 NOON 8/22/2010. RIG DOWN RIG. RIG 80% RIGGED DOWN.  |
| 8/24/2010 | 06:00 - 06:00 | 24.00 | D    | 01       |       | CREW CHANGE. SAFETY MEETING WITH RIG CREW & WESTROC TRUCKING COMPANY MOVING RIG. FINISH RIGGING DOWN RIG.  |

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Operations Summary Report

Legal Well Name: HORROCKS 4-20A1  
 Common Well Name: HORROCKS 4-20A1  
 Event Name: DRILLING  
 Contractor Name:  
 Rig Name:

Start: 12/15/2009  
 Rig Release:  
 Rig Number:

Spud Date: 1/20/2010  
 End:  
 Group:

| Date       | From - To     | Hours | Code | Sub Code | Phase | Description of Operations  |
|------------|---------------|-------|------|----------|-------|--|
| 8/24/2010  | 06:00 - 06:00 | 24.00 | D    | 01       |       | MOVE RIG OFF LOCTION. DERRICK STILL IN THE AIR @ 0600 A.M. RIG OFF LOCATION @ 1700 HRS (5:00 P.M.). HENDERSON EQUIPMENT WILL PICK UP THERE FORK LIFT ON 8/24/2010 A.M. 4 LOADS LEFT ON LOCATION TO BE HAULED ON 8/24/2010. |
| 8/25/2010  | 06:00 - 18:00 | 12.00 | D    | 01       |       | FINISHED MOVING AZTEC 184 OFF LOCATION. CLEANED UP LOCATION. FINAL REPORT FOR AZTEC 184 RIG. 81241 RRAZTEC   |
| 11/22/2010 | 06:00 - 06:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING (RIGGING OUT TORQUE TUBE)  |
|            | 06:15 - 12:00 | 5.75  | D    | 01       |       | PRE JOB SAFETY MEETING WITH RW JONES AND RIG CREWS. RIG OUT TOP DRIVE AND TORQUE TUBE. RIG OUT CAMP AND MOVE TO NEW LOCATION AND SET UP.   |
| 11/24/2010 | 12:00 - 16:30 | 4.50  | D    | 01       |       | PREPARE DERRICK TO LOWER. LOWER DERRICK  |
|            | 16:30 - 06:00 | 13.50 | D    | 01       |       | RIG DOWN AND PREPARE FOR RIG MOVE.   |
|            | 06:00 - 07:15 | 1.25  | D    | 01       |       | RIGGING DOWN ROTARY EQUIPMENT  |
|            | 07:15 - 07:30 | 0.25  | D    | 18       |       | PRE JOB SAFETY MEETING WITH RW JONES, VALLEY CREST CRANE, AND PRECISION CREWS.   |
| 11/25/2010 | 07:30 - 18:00 | 10.50 | D    | 01       |       | REMOVE DERRICK FROM FLOOR, HAUL TO NEW LOCATION, SPOT MATTING.   |
|            | 18:00 - 03:30 | 9.50  | D    | 18       |       | WASH DERRICK WITH PRESSURE WASHER (OUTBACK RENTALS)  |
|            | 03:30 - 06:00 | 2.50  | D    | 18       |       | WAIT ON DAY LIGHT.   |
|            | 06:00 - 07:00 | 1.00  | D    | 18       |       | WAIT ON DAYLIGHT   |
| 11/25/2010 | 07:00 - 08:00 | 1.00  | D    | 18       |       | PRE SPUD MEETING WITH AES, PRECISION, DRILLING SUPERVISORS, DWIGHT FISHER, AND ALEX EARHARDT.  |
|            | 08:00 - 18:00 | 10.00 | D    | 01       |       | SET MATTING BOARDS, SET AND LEVEL SUBSTRUCTURE, SET IN RIG, PUT DERRICK ON THE FLOOR, RIGGING UP   |
| 11/27/2010 | 18:00 - 06:00 | 12.00 | D    | 18       |       | WAIT ON DAYLIGHT   |
|            | 06:00 - 06:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING  |
|            | 06:15 - 18:00 | 11.75 | D    | 01       |       | RIG UP TOP DRIVE. HAD TO TAKE ALL OF THE TORQUE TUBE BACK DOWN, WRONG SECTION AT THE TOP. REINSTALL. ADJUST TORQUE TUBE.   |
|            | 18:00 - 18:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON RIGGING UP TOP DRIVE. HAVE A SAFETY MEETING ON EACH NEW TASK.   |
| 11/28/2010 | 18:15 - 20:15 | 2.00  | D    | 01       |       | INSTALL TOP TURN BUCKELS ON TRACK & INSTALL FLOW LINE TO GAS BUSTER.   |
|            | 20:15 - 20:30 | 0.25  | D    | 18       |       | SAFETY MEETING ON NIPPLE UP BOP.   |
|            | 20:30 - 06:00 | 9.50  | D    | 01       |       | NIPPLE UP BOP, INSTALL B SECTION, RAMS & ANNULAR, ROTATING HEAD, HCR & KILL LINE VALVES.   |
|            | 06:00 - 06:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING (REVIEW JSA #1, DRIVING TO AND FROM WORK)  |
|            | 06:15 - 11:00 | 4.75  | D    | 10       |       | FINISH NIPPLE UP (FLANGE BOLTS INSTALLED, NOT TIGHTENED) TORQUE ALL BOLTS ON STACK, HOOK UP FLOW LINE, INSTALL BOP HOSES AND FUNCTION.   |
|            | 11:00 - 11:15 | 0.25  | D    | 18       |       | HELD PRE JOB SAFETY MEETING. REVIEW JSA #15, PICKING UP TOP DRIVE.   |
|            | 11:15 - 13:30 | 2.25  | D    | 01       |       | PICK UP TOP DRIVE  |
|            | 13:30 - 17:00 | 3.50  | D    | 18       |       | TROUBLE SHOOT PROBLEMS WITH TOP DRIVE, UNABLE TO ROTATE.   |
|            | 17:00 - 18:00 | 1.00  | D    | 18       |       | PICK UP ELEVATORS, BALES TO TEST WHILE TROUBLE SHOOTING TOP DRIVE.   |
|            | 18:00 - 18:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON TESTING & TRAPPED PRESSURE.   |
| 11/28/2010 | 18:15 - 21:00 | 2.75  | D    | 01       |       | TORQUE TOP DRIVE SWIVEL CONNECTIONS, INSTALL BAIL RAMS.  |
|            | 21:00 - 04:45 | 7.75  | D    | 09       |       | RIG UP & TEST LPR, HCR, STABBING, UPR, IBOP, HCR, INSIDE   |

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# EL PASO PRODUCTION

## Operations Summary Report

|                   |                 |                   |                      |
|-------------------|-----------------|-------------------|----------------------|
| Legal Well Name:  | HORROCKS 4-20A1 |                   | Spud Date: 1/20/2010 |
| Common Well Name: | HORROCKS 4-20A1 |                   |                      |
| Event Name:       | DRILLING        | Start: 12/15/2009 | End:                 |
| Contractor Name:  |                 | Rig Release:      | Group:               |
| Rig Name:         |                 | Rig Number:       |                      |

| Date          | From - To     | Hours         | Code | Sub Code | Phase                      | Description of Operations   |
|---------------|---------------|---------------|------|----------|----------------------------|---|
| 11/28/2010    | 21:00 - 04:45 | 7.75          | D    | 09       |                            | KILL, OUTER KILL LINE & CHOKE LINE VALVES, MANUAL TOP DRIVE VALVE FOR 250 PSI LOW 5000 PSI HIGH.  |
|               | 04:45 - 06:00 | 1.25          | D    | 01       |                            | RIG UP KELLY HOSE & STAND PIPE. RIGGING UP FLARE LINES FROM GAS BUSTER TO FLARE STACK.  |
| 11/29/2010    | 06:00 - 06:15 | 0.25          | D    | 18       |                            | PRE TOUR SAFETY MEETING   |
|               | 06:15 - 08:30 | 2.25          | D    | 01       |                            | INSTALL TOP DRIVE SAFETY CABLES ON KELLY HOSE, INSTALL KILL LINE AND HOSE TO CHECK VALVE.   |
|               | 08:30 - 10:45 | 2.25          | D    | 09       |                            | PRESSURE TEST STAND PIPE, KELLY HOSE, 250 PSI LOW FOR 10 MINUTES (LEAKS ON KELLY HOSE CONNECTIONS)  |
|               | 10:45 - 12:00 | 1.25          | DT   | 60       |                            | LEAK ON TOP DRIVE ABOVE KELLY VALVE. LAY DOWN TEST PLUG, BACK OFF SLEEVE, TIGHTEN CONNECTION.   |
|               | 12:00 - 14:30 | 2.50          | D    | 09       |                            | PRESSURE TEST STAND PIPE, KELLY HOSE, ANNULAR, KILL LINE 250 PSI LOW AND 4000 PSI HIGH FOR 10 MINUTES   |
|               | 14:30 - 16:00 | 1.50          | D    | 09       |                            | PRESSURE TEST CASING 1500 PSI FOR 30 MINUTES. OK.   |
|               | 16:00 - 18:00 | 2.00          | DT   | 60       |                            | WORK ON TOP DRIVE. EXTENDER ALARM NOT WORKING, FULL STREAM OF HYDRAULIC OIL COMING OUT OF GRABBER.  |
|               | 18:00 - 18:15 | 0.25          | D    | 18       |                            | CREW CHANGE. SAFETY MEETING ON P/U BHA.   |
|               | 18:15 - 21:00 | 2.75          | DT   | 60       |                            | WORK ON TOP DRIVE. EXTENDER ALARM NOT WORKING, FULL STREAM OF HYDRAULIC OIL COMING OUT OF GRABBER. INSTALL SERVICE LOOP TARP. REPAIR ROTARY SENSOR. |
|               | 21:00 - 21:45 | 0.75          | D    | 18       |                            | INSTALL WEAR BUSHING.   |
|               | 21:45 - 22:15 | 0.50          | D    | 01       |                            | P/U PIPE SPINNER.   |
|               | 22:15 - 02:00 | 3.75          | D    | 04       |                            | P/U TIH W/ BHA #3 & DIRECTIONAL TOOLS TO 846'.  |
|               | 02:00 - 02:30 | 0.50          | D    | 06       |                            | SLIP & CUT 99.7' OF DRILL LINE.   |
|               | 02:30 - 03:00 | 0.50          | D    | 05       |                            | FILL PIPE & PULSE TEST MWD TOOL.  |
| 03:00 - 06:00 | 3.00          | D             | 04   |          | P/U TIH W/ BHA #3 F/ 846'. |   |
| 11/30/2010    | 06:00 - 06:15 | 0.25          | D    | 18       |                            | PRE TOUR SAFETY MEETING (PICKING UP DRILL PIPE)   |
|               | 06:15 - 09:00 | 2.75          | D    | 04       |                            | PICKING UP 4-1/2" DRILL PIPE  |
|               | 09:00 - 10:15 | 1.25          | D    | 13       |                            | DRILLING CEMENT FROM 4898'-4920'  |
|               | 10:15 - 10:30 | 0.25          | D    | 18       |                            | BOP DRILL   |
|               | 10:30 - 11:00 | 0.50          | D    | 13       |                            | DRILLING CEMENT FROM 4920'-4936'  |
|               | 11:00 - 11:15 | 0.25          | D    | 03       |                            | DRILLING FROM 4936'-4946'   |
|               | 11:15 - 12:15 | 1.00          | D    | 08       |                            | CIRCULATE BOTTOMS UP FOR F.I.T.   |
|               | 12:15 - 12:30 | 0.25          | D    | 18       |                            | HELD PRE JOB SAFETY MEETING WITH CREWS AND WEATHERFORD  |
|               | 12:30 - 14:45 | 2.25          | DT   | 65       |                            | FORMATION INTEGRITY TEST WITH WEATHERFORD. UNABLE TO PRESSURE UP WITH WEATHERFORD PUMP.   |
|               | 14:45 - 15:15 | 0.50          | D    | 18       |                            | F.I.T. WITH RIG PUMP. ADDED SURFACE PRESSURE 1820 FOR A PRESSURE GRADIENT OF 0.8 AND AN EMW OF 15.4 PPG.  |
|               | 15:15 - 15:30 | 0.25          | D    | 18       |                            | BLOW OUT MANIFOLD LINE WITH AIR.  |
|               | 15:30 - 18:00 | 2.50          | D    | 03       |                            | DRILLING 8-3/4" HOLE FROM 4946'-5013'.  |
|               | 18:00 - 18:15 | 0.25          | D    | 18       |                            | CREW CHANGE. SAFETY MEETING ON 90' CONNECTIONS.   |
|               | 18:15 - 20:45 | 2.50          | D    | 03       |                            | DRILL SLIDE & ROTATE F/ 5013' TO 5105'.   |
|               | 20:45 - 21:00 | 0.25          | D    | 18       |                            | BOP DRILL. WELL SECURE & MEN IN POSITION 100 SEC.   |
|               | 21:00 - 03:30 | 6.50          | D    | 03       |                            | DRILL SLIDE & ROTATE F/ 5105' TO 5321'.   |
|               | 03:30 - 03:45 | 0.25          | D    | 06       |                            | RIG SERVICE.  |
|               | 03:45 - 04:30 | 0.75          | D    | 03       |                            | DRILL SLIDE & ROTATE F/ 5321' TO 5401'.   |
|               | 04:30 - 06:00 | 1.50          | D    | 05       |                            | ACC. SURVEYS & CONNECTION TIME.   |
|               | 12/1/2010     | 06:00 - 06:15 | 0.25 | D        | 18                         |   |
| 06:15 - 10:45 |               | 4.50          | D    | 03       |                            | DRILLING 8-3/4" HOLE FROM 5401'-5573'   |
| 10:45 - 11:15 |               | 0.50          | D    | 06       |                            | LUBRICATE RIG, GREASE BLOCKS, SWIVEL, TOP DRIVEDRAW WORKS, FUNCTION ANNULAR, C/O 18 SECONDS.  |

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### Operations Summary Report

Legal Well Name: HORROCKS 4-20A1  
 Common Well Name: HORROCKS 4-20A1  
 Event Name: DRILLING  
 Contractor Name:  
 Rig Name:

Spud Date: 1/20/2010  
 Start: 12/15/2009  
 End:  
 Rig Release:  
 Group:  
 Rig Number:

| Date      | From - To     | Hours | Code | Sub Code | Phase | Description of Operations   |
|-----------|---------------|-------|------|----------|-------|---|
| 12/1/2010 | 11:15 - 17:00 | 5.75  | D    | 03       |       | DRILLING 8-3/4" HOLE FROM 5573'-5770'   |
|           | 17:00 - 18:00 | 1.00  | D    | 18       |       | ACCUMULATED CONNECTION AND SURVEY TIME  |
|           | 18:00 - 18:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON RIG SERVICE & SPILL RESPONSE.  |
|           | 18:15 - 03:30 | 9.25  | D    | 03       |       | DRILL SLIDE & ROTATE 8-3/4" HOLE F/ 5770' TO 6131'.   |
|           | 03:30 - 03:45 | 0.25  | D    | 06       |       | RIG SERVICE.  |
|           | 03:45 - 05:00 | 1.25  | D    | 03       |       | DRILL SLIDE & ROTATE 8-3/4" HOLE F/ 6131' TO 6220'.   |
| 12/2/2010 | 05:00 - 06:00 | 1.00  | D    | 05       |       | ACCUMULATED CONNECTIONS AND SURVEY TIME.  |
|           | 06:00 - 06:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING (REVIEW JSA #37, SETTING AND PULLING SLIPS)   |
|           | 06:15 - 12:00 | 5.75  | D    | 03       |       | DRILLING 8-3/4" HOLE FROM 6220'-6412'   |
|           | 12:00 - 12:30 | 0.50  | D    | 06       |       | LUBRICATE RIG, GREASE BLOCKS, TOP DRIVE, SWIVEL, DRAW WORKS, FUNCTION ANNULAR C/O 18 SECONDS  |
|           | 12:30 - 14:30 | 2.00  | D    | 03       |       | DRILLING 8-3/4" HOLE FROM 6412'-6484'   |
|           | 14:30 - 15:00 | 0.50  | D    | 18       |       | ACCUMULATED SURVEY AND CONNECTION TIME  |
|           | 15:00 - 15:45 | 0.75  | D    | 08       |       | ATTEMPT SURVEY (GOOD) CIRCULATE BOTTOMS UP FOR TRIP.  |
|           | 15:45 - 18:00 | 2.25  | D    | 04       |       | TRIP OUT OF HOLE FOR BIT. FIRST 5 STANDS PULLED FREE (6484-6100'), TIGHT ON 5TH STAND (6100') PUMPED AND BACK REAMED NEXT 4 STANDS TO 5750'. NO TIGHT HOLE AFTER THAT.  |
|           | 18:00 - 18:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON POOH.  |
|           | 18:15 - 21:30 | 3.25  | D    | 04       |       | POOH W/ FLOW CHECKS.  |
|           | 21:30 - 22:00 | 0.50  | D    | 04       |       | LD BIT & MWD TOOLS. PU NEW BIT & MWD TOOLS.   |
|           | 22:00 - 22:30 | 0.50  | D    | 18       |       | CLEAN UP FLOOR & ADJUST TORQUE BUSTER.  |
|           | 22:30 - 22:45 | 0.25  | D    | 06       |       | RIG SERVICE.  |
|           | 22:45 - 05:15 | 6.50  | D    | 04       |       | MAKE UP BHA #4 RIH W/ PULSE TEST TO 6484'. WASHED LAST 15 STANDS IN.  |
| 12/3/2010 | 05:15 - 05:45 | 0.50  | D    | 03       |       | PATTERN BIT. DRILL SLIDE & ROTATE 8-3/4" HOLE F/ 6484' TO 6510'.  |
|           | 05:45 - 06:00 | 0.25  | D    | 05       |       | ACCUMULATED SURVEY AND CONNECTION TIME.   |
|           | 06:00 - 06:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING (REVIEW JSA #34, LOCKOUT PROCEDURES)  |
|           | 06:15 - 13:30 | 7.25  | D    | 03       |       | DRILLING 8-3/4" HOLE FROM 6484'-6971'   |
|           | 13:30 - 14:00 | 0.50  | D    | 06       |       | LUBRICATE RIG (GREASE BLOCKS, SWIVEL, TOP DRIVE, DRAWWORKS, FUNCTION ANNULAR, 18 SECONDS C/O.   |
|           | 14:00 - 17:15 | 3.25  | D    | 03       |       | DRILLING 8-3/4" HOLE FROM 6971'-7264'   |
|           | 17:15 - 18:00 | 0.75  | D    | 18       |       | ACCUMULATED SURVEY AND CONNECTION TIME.   |
|           | 18:00 - 18:15 | 0.25  | D    | 18       |       | CREW CHANGE & SAFETY MEETING ON STEAM.  |
|           | 18:15 - 18:30 | 0.25  | D    | 06       |       | RIG SERVICE.  |
|           | 18:30 - 01:45 | 7.25  | D    | 03       |       | DRILL SLIDE & ROTATE 8-3/4" HOLE F/ 7264' TO 7222'.   |
| 12/4/2010 | 01:45 - 02:00 | 0.25  | D    | 06       |       | RIG SERVICE.  |
|           | 02:00 - 05:15 | 3.25  | D    | 03       |       | DRILL SLIDE & ROTATE 8-3/4" HOLE F/ 7222' TO 7694'.   |
|           | 05:15 - 06:00 | 0.75  | D    | 05       |       | ACCUMULATED SURVEY AND CONNECTION TIME.   |
|           | 06:00 - 06:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING (REVIEW JSA #28, RIG SERVICE.)  |
|           | 06:15 - 14:45 | 8.50  | D    | 04       |       | SURVEY AND CIRCULATE BOTTOMS UP FOR BIT TRIP. PULLED 3 STANDS, SOME DRAG. STARTED PULLING TIGHT. WORKED 1ST 3 STANDS OUT OF HOLE WITHOUT PUMP. PUMPED AND BACK REAMED OUT OF HOLE FROM 7400'-6681'. HOLE DID NOT TRY TO PRESSURE UP, SOME DRAG. ABLE TO PULL ON UP TO CASING SHOE FROM 6681' WITH NO PUMP. WORKED THROUGH TIGHT SPOT AT 61991', 5853', 5664', 5633'5439' AND 5343'. |
|           | 14:45 - 15:00 | 0.25  | D    | 04       |       | PULL MWD TOOL   |
|           | 15:00 - 16:15 | 1.25  | D    | 04       |       | TRIP OUT OF HOLE FROM 70', DRAIN AND CHECK MOTOR, BREAK OFF BIT #4.   |

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# EL PASO PRODUCTION Operations Summary Report

|                   |                 |              |            |
|-------------------|-----------------|--------------|------------|
| Legal Well Name:  | HORROCKS 4-20A1 | Spud Date:   | 1/20/2010  |
| Common Well Name: | HORROCKS 4-20A1 | Start:       | 12/15/2009 |
| Event Name:       | DRILLING        | End:         |            |
| Contractor Name:  |                 | Rig Release: | Group:     |
| Rig Name:         |                 | Rig Number:  |            |

| Date          | From - To     | Hours | Code | Sub Code | Phase  | Description of Operations   |
|---------------|---------------|-------|------|----------|--|---|
| 12/4/2010     | 16:15 - 17:00 | 0.75  | D    | 04       |  | ORIENT TOOLS AND INSTALL MWD.   |
|               | 17:00 - 18:00 | 1.00  | D    | 04       |  | TIH TO 595'.  |
|               | 18:00 - 18:15 | 0.25  | D    | 04       |  | CREW CHANGE. SAFETY MEETING ON TIH.   |
|               | 18:15 - 20:15 | 2.00  | D    | 04       |  | INSTALL ROTATING HEAD. FILL PIPE TEST PULSE TOOL. TIH F/ 595' TO 4915'. FILL PIPE. TEST PULSE TOOL. FLOW CHECK. |
|               | 20:15 - 21:15 | 1.00  | D    | 06       |  | SLIP & CUT DRILL LINE.  |
|               | 21:15 - 00:45 | 3.50  | D    | 04       |  | TIH F/ 4915' TO 5446'. WASH F/ 5446' TO 7690'.  |
|               | 00:45 - 05:30 | 4.75  | D    | 03       |  | PATTERN BIT. DRILL SLIDE & ROTATE 8-3/4" HOLE F/ 7690' TO 7820'.  |
| 12/5/2010     | 05:30 - 06:00 | 0.50  | D    | 05       |  | ACCUMULATED SURVEY AND CONNECTION TIME.   |
|               | 06:00 - 06:15 | 0.25  | D    | 18       |  | PRE TOUR SAFETY MEETING (REVIEW JSA #10, 90' CONNECTIONS)   |
|               | 06:15 - 10:30 | 4.25  | D    | 03       |  | DRILLING 8-3/4" HOLE FROM 7820'-7994'   |
|               | 10:30 - 10:45 | 0.25  | D    | 06       |  | LUBRICATE RIG, GREASE BLOCKS, TOP DRIVE, SWIVEL, DRAWWORKS. FUNCTION ANNULAR C/O 18 SECONDS.                    |
|               | 10:45 - 17:00 | 6.25  | D    | 03       |  | DRILLING 8-3/4" HOLE FROM 7994'-8200'   |
|               | 17:00 - 18:00 | 1.00  | D    | 18       |  | ACCUMULATED CONNECTION AND SURVEY TIME  |
|               | 18:00 - 18:15 | 0.25  | D    | 18       |  | CREW CHANGE. SAFETY MEETING ON CONNECTIONS.   |
|               | 18:15 - 23:45 | 5.50  | D    | 03       |  | DRILL SLIDE & ROTATE 8-3/4" HOLE F/ 8200' TO 8378'.   |
|               | 23:45 - 00:00 | 0.25  | D    | 06       |  | RIG SERVICE.  |
|               | 00:00 - 02:30 | 2.50  | D    | 03       |  | DRILL SLIDE & ROTATE 8-3/4" HOLE F/ 8378' TO 8459'.   |
| 12/6/2010     | 02:30 - 02:45 | 0.25  | D    | 06       |  | RIG SERVICE.  |
|               | 02:45 - 05:30 | 2.75  | D    | 03       |  | DRILL SLIDE & ROTATE 8-3/4" HOLE F/ 8459' TO 8545'.   |
|               | 05:30 - 06:00 | 0.50  | D    | 05       |  | ACCUMULATED CONNECTION AND SURVEY TIME.   |
|               | 06:00 - 06:15 | 0.25  | D    | 18       |  | PRE TOUR SAFETY MEETING (REVIEW JSA #28, RIG SERVICE)   |
|               | 06:15 - 10:00 | 3.75  | D    | 03       |  | CONTROL DRILLING (20' PER HOUR) 8-3/4" HOLE FROM 8545'-8600'. NO LOSSES, NO GAINS.                              |
|               | 10:00 - 11:30 | 1.50  | D    | 03       |  | DRILLING 8-3/4" HOLE FROM 8600'-8647'   |
|               | 11:30 - 12:00 | 0.50  | D    | 06       |  | LUBRICATE RIG, GREASE BLOCKS, DRAWWORKS, TOP DRIVE, SWIVEL. FUNCTION ANNULAR 18 SECONDS C/O.                    |
|               | 12:00 - 17:15 | 5.25  | D    | 03       |  | DRILLING 8-3/4" HOLE FROM 8647'-8800'   |
|               | 17:15 - 18:00 | 0.75  | D    | 18       |  | CIRCULATE BOTTOMS UP FOR BIT TRIP   |
|               | 18:00 - 18:15 | 0.25  | D    | 18       |  | CREW CHANGE. SAFETY MEETING ON POOH.  |
|               | 18:15 - 02:00 | 7.75  | D    | 04       |  | TOOH BHA #5 F/ 8800'. LAY MUD MOTOR & BIT. PUMP 25 STANDS OFF BOTTOM.   |
|               | 02:00 - 02:30 | 0.50  | D    | 04       |  | CLEAN UP RIG FLOOR.   |
|               | 02:30 - 03:00 | 0.50  | D    | 04       |  | PICK UP MUD MOTOR SCRIBE MWD TOOL.  |
|               | 03:00 - 05:00 | 2.00  | DT   | 68       |  | WAIT ON JUNK BASKET FROM WEATHERFORD.   |
| 12/7/2010     | 05:00 - 06:00 | 1.00  | D    | 04       |  | PU BHA #6 & TIH.  |
|               | 06:00 - 06:15 | 0.25  | D    | 18       |  | PRE TOUR SAFETY MEETING (REVIEW JSA #8, TRIPPING IN HOLE)   |
|               | 06:15 - 07:15 | 1.00  | D    | 04       |  | TRIPPING IN HOLE FROM 228'-814'   |
|               | 07:15 - 07:30 | 0.25  | D    | 05       |  | TEST MWD TOOL   |
|               | 07:30 - 07:45 | 0.25  | D    | 06       |  | LUBRICATE RIG, GREASE BLOCKS, TOP DRIVE, SWIVEL, DRAWWORKS. FUNCTION ANNULAR C/O 18 SECONDS.                    |
|               | 07:45 - 09:30 | 1.75  | D    | 04       |  | TRIP IN HOLE FROM 814'-4921'  |
|               | 09:30 - 09:45 | 0.25  | D    | 08       |  | FILL PIPE AND BREAK CIRCULATION   |
|               | 09:45 - 10:00 | 0.25  | D    | 04       |  | TRIP IN HOLE TO 5300, BRIDGES.  |
|               | 10:00 - 11:45 | 1.75  | D    | 07       |  | WASH FROM 5300'-5945'   |
|               | 11:45 - 12:00 | 0.25  | D    | 04       |  | TRIP IN HOLE FROM 5945'-6395', BRIDGES.   |
|               | 12:00 - 18:00 | 6.00  | D    | 07       |  | WASH AND REAM FROM 6395'- 8272' BRIDGES, 585 GPM. TRY TO RUN PIPE AT DIFFERENT DEPTHS, BRIDGES.                 |
| 18:00 - 18:15 | 0.25          | D     | 18   |          | CREW CHANGE. SAFETY MEETING ON TIH.                    |   |
| 18:15 - 19:30 | 1.25          | D     | 07   |          | WASH & REAM F/ 8272' TO 8800'. REAM 10' OF UNDER GAUGE |   |

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# EL PASO PRODUCTION Operations Summary Report

|                   |                 |              |                      |
|-------------------|-----------------|--------------|----------------------|
| Legal Well Name:  | HORROCKS 4-20A1 |              |                      |
| Common Well Name: | HORROCKS 4-20A1 | Start:       | 12/15/2009           |
| Event Name:       | DRILLING        | End:         | Spud Date: 1/20/2010 |
| Contractor Name:  |                 | Rig Release: | Group:               |
| Rig Name:         |                 | Rig Number:  |                      |

| Date          | From - To     | Hours         | Code | Sub Code | Phase | Description of Operations   |
|---------------|---------------|---------------|------|----------|-------|---|
| 12/7/2010     | 18:15 - 19:30 | 1.25          | D    | 07       |       | HOLE.   |
|               | 19:30 - 04:15 | 8.75          | D    | 03       |       | PATTERN HOLE, WORK JUNK BASKET. DRILL F/ 8800' TO 8929'. WATER FLOW 25 GPM. LIGHT MUD UP.   |
|               | 04:15 - 04:30 | 0.25          | D    | 06       |       | RIG SERVICE. FLOW CHECK 10 GPM.   |
|               | 04:30 - 05:45 | 1.25          | D    | 03       |       | DRILL F/ 8929' TO 8950'.  |
|               | 05:45 - 06:00 | 0.25          | D    | 05       |       | ACCUMULATED CONNECTION AND SURVEY TIME.   |
| 12/8/2010     | 06:00 - 06:15 | 0.25          | D    | 18       |       | PRE TOUR SAFETY MEETING (REVIEW JSA #27, WORKING WITH STEAM)  |
|               | 06:15 - 15:00 | 8.75          | D    | 03       |       | DRILLING 8-3/4" HOLE FROM 8964'-9117'.  |
|               | 15:00 - 15:30 | 0.50          | D    | 06       |       | LUBRICATE RIG, GREASE BLOCKS, TOP DRIVE, SWIVEL, DRAWWORKS. FUNCTION ANNULAR 18 SECONDS C/O   |
|               | 15:30 - 17:30 | 2.00          | D    | 03       |       | DRILLING 8-3/4" HOLE FROM 9117'-9146'.  |
|               | 17:30 - 18:00 | 0.50          | D    | 18       |       | ACCUMULATED CONNECTION AND SURVEY TIME.   |
|               | 18:00 - 18:15 | 0.25          | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON HANDLING CHEMICALS.  |
|               | 18:15 - 23:15 | 5.00          | D    | 03       |       | DRILLING 8-3/4" HOLE FROM 9146' TO 9207'.   |
|               | 23:15 - 23:30 | 0.25          | D    | 06       |       | RIG SERVICE.  |
|               | 23:30 - 05:30 | 6.00          | D    | 03       |       | DRILLING 8-3/4" HOLE FROM 9207' TO 9282'.   |
|               | 05:30 - 06:00 | 0.50          | D    | 05       |       | ACCUMULATED CONNECTION AND SURVEY TIME.   |
| 12/9/2010     | 06:00 - 06:15 | 0.25          | D    | 18       |       | PRE TOUR SAFETY MEETING (90' CONNECTIONS)   |
|               | 06:15 - 07:15 | 1.00          | D    | 03       |       | DRILLING 8-3/4" HOLE FROM 9282'-9301'   |
|               | 07:15 - 09:00 | 1.75          | D    | 08       |       | CIRCULATE BOTTOMS UP FOR BIT TRIP (#2 PUMP DOWN)  |
|               | 09:00 - 18:00 | 9.00          | D    | 04       |       | TRIP FOR BIT #7. PULLED 5 STANDS, FLOW CHECK, TRIP OUT OF HOLE. PUMPED OUT AND BACK REAMED FROM 7617'-6709'.  |
|               |               |               |      |          |       | PULLED WITH 15-20K OVERPULL FROM 6709' TO CASING SHOE. NOTICED WATER FLOW AT CASING SHOE, APP. 6-7 GPM.   |
|               | 18:00 - 18:15 | 0.25          | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON TIH.   |
|               | 18:15 - 20:00 | 1.75          | D    | 04       |       | TOOH. LD BIT #6 & JUNK BASKET. CHECK MWD TOOL.  |
|               | 20:00 - 00:00 | 4.00          | D    | 04       |       | PU BHA #7 TIH TO 4938'. CIRCULATE BOTTOMS UP. NO GAS.   |
|               | 00:00 - 06:00 | 6.00          | D    | 04       |       | TIH. HIT A BRIDGE @ 5208'. WASH & REAM F/ 5208' HITTING BRIDGES ON EVERY STAND. LOTS OF CUTTINGS COMING ACROSS BOTH SHAKERS.  |
|               | 12/10/2010    | 06:00 - 06:15 | 0.25 | D        | 03    |   |
| 06:15 - 12:00 |               | 5.75          | DT   | 56       |       | CONT. WASHING & REAMING F/ 7189' - 9301' QUITE EASY REAMING   |
| 12:00 - 15:30 |               | 3.50          | D    | 03       |       | DRILL 83/4" HOLE F/ 9301' - 9486' 52.85' / HR. WOB 15K RPM 126 PP 2400 GPM 480 MUD WT. 10 PPG VIS 43 BGG 1150U TRIP GAS 5769U PUT GAS THRU GAS BUSTER NO SIGN OF BURNABLE GAS HOLE COND. GOOD ON CONNECTIONS  |
| 15:30 - 16:00 |               | 0.50          | D    | 06       |       | RIG SER. FUNCTION ANNULAR PREVENTOR C / O 24 SEC'S  |
| 16:00 - 17:30 |               | 1.50          | D    | 03       |       | DRILL 83/4" HOLE F/ 9486' - 9581' 63.33' / HR.  |
| 17:30 - 18:00 |               | 0.50          | D    | 05       |       | ACC. SURVEY & CONNECTION TIME   |
| 18:00 - 18:15 |               | 0.25          | D    | 18       |       | HAND OVER MEETING & PRE TOUR SAFETY MEETING. - WORKING W/ TONGS.  |
| 18:15 - 23:15 |               | 5.00          | D    | 03       |       | DRILL 8 3/4" HOLE F/ 9581' - 9861'.   |
| 23:15 - 23:30 |               | 0.25          | D    | 06       |       | RIG SERVICE. GREASE BLOCKS, SWIVER, TOP DRIVE. FUNCTION UPPER & LOWER PIPE RAMS. CLOSE/ OPEN - 6 SECONDS.   |
| 23:30 - 00:00 |               | 0.50          | D    | 05       |       | ACCUMULATED SURVEY AND CONNECTION TIMES.  |
| 00:00 - 05:30 |               | 5.50          | D    | 03       |       | DRILL 8 3/4" HOLE F/ 9861' - 10,092'. 42.0' / HR. WOB 15K RPM 126 PP 2400 GPM 480 MUD WT. 10.4 PPG VIS 43 BGG 1111U CONN GAS 1237U GAS THRU GAS BUSTER NO SIGN OF BURNABLE GAS HOLE COND. GOOD ON CONNECTIONS. TRIED SLIDE FROM 9982' TO 9990'. VERY SLOW, W/ NO NOTABLE PROGRESS. CONTINUED ROTATING. FROM 03:10 TO 04:10 - GAIN |

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# EL PASO PRODUCTION Operations Summary Report

|                   |                 |              |            |
|-------------------|-----------------|--------------|------------|
| Legal Well Name:  | HORROCKS 4-20A1 |              |            |
| Common Well Name: | HORROCKS 4-20A1 | Start:       | 12/15/2009 |
| Event Name:       | DRILLING        | End:         | 1/20/2010  |
| Contractor Name:  |                 | Rig Release: | Group:     |
| Rig Name:         |                 | Rig Number:  |            |

| Date          | From - To     | Hours | Code | Sub Code | Phase   | Description of Operations   |
|---------------|---------------|-------|------|----------|---|---|
| 12/10/2010    | 00:00 - 05:30 | 5.50  | D    | 03       |   | OF 20 BBL VOLUME. BGG - 946U. RAISING MUD DENSITY TO 10.6 LB/GAL. GAIN APPEARS TO BE WATER. NO PARAFIN NOTED.   |
| 12/11/2010    | 06:00 - 06:15 | 0.25  | D    | 18       |   | HAND OVER & PRETOUR SAFETY MEETING  |
|               | 06:15 - 10:00 | 3.75  | D    | 03       |   | DRILL 83/4" HOLE F/ 10092' - 10234' 37.86' / HR WOB 12K RPM 126 PP 2800 GPM 480 BGG 780U 1990U MUD WT 11 PPG VIS 43 BACKED BIT WT. OFF FROM 15K - 12K DUE DEVIATION INCREASING DIR. DRILLER UNABLE TO SLIDE   |
|               | 10:00 - 10:30 | 0.50  | D    | 06       |   | RIG SER FUNCTION UPPER & LOWER PIPE RAMS C/O 4 SEC'S  |
|               | 10:30 - 15:30 | 5.00  | D    | 03       |   | DRILL 83/4" HOLE F/ 10234' - 10420' 37.20' / HR. WOB 12K RPM 126 PP 2800 GPM 480 BGG HAS INCREASED F/680U TO 1793U STARTING AT 10290' START TO BRING MUD WT. UP TO 11.4 PPG NO FLOW AT PRESENT AT 10387' PUT MUD THRU GAS BUSTER HAD 10' LAZY FLARE FOR 10 MIN.         |
|               | 15:30 - 15:45 | 0.25  | D    | 18       |   | BOP DRILL WELL SECURE IN 92 SEC'S   |
|               | 15:45 - 17:00 | 1.25  | D    | 03       |   | DRILL 83/4" HOLE F/ 10420' - 10500' 64' / HR.   |
|               | 17:00 - 18:00 | 1.00  | D    | 05       |   | ACC. SURVEY & CONNECTION TIME   |
|               | 18:00 - 18:15 | 0.25  | D    | 18       |   | HAND OVER & PRETOUR SAFETY MEETING. SETTING AND PULLING SLIPS.  |
|               | 18:15 - 21:00 | 2.75  | D    | 03       |   | DRILL 83/4" HOLE F/ 10500' - 10604' 38.8' / HR WOB 12K RPM 126 PP 2850 GPM 480 BGG 1090U TO 1698U MUD WT 11.7 PPG VIS 47  |
|               | 21:00 - 21:15 | 0.25  | D    | 06       |   | RIG SERVICE. GREASE BLOCKS, SWIVEL, TOP DRIVE, DRAWWORKS, FUNCTION ANNULAR: CLOSE/ OPEN - 18 SECONDS.   |
|               | 21:15 - 22:00 | 0.75  | D    | 03       |   | DRILL 83/4" HOLE F/ 10604' - 10620' 21.3' / HR WOB 12K RPM 126 PP 2850 GPM 480 BGG 691U TO 721U MUD WT 11.7 IN/11.9 OUT, VIS 47   |
|               | 22:00 - 00:00 | 2.00  | D    | 08       |   | CONDITION MUD AND CIRCULATE. GAS READINGS INDICATE INCREASING MUD DENSITY IS NECESSARY. APPROX. 40 BARRELS LOST WHEN DENSITY REACHED 11.9 LB/GAL. ADDED 2 PALLETS OF SAWDUST. LOSSES STOPPED. BGG LEVELS VARIED FROM 1313U TO 1146U. CONNECTION GAS FROM 10604': 3644U. |
|               | 00:00 - 01:45 | 1.75  | D    | 08       |   | CONDITION MUD AND CIRCULATE. BGG LEVELS VARIED FROM 1336U TO 303U. CONNECTION GAS FROM FLOW CHECK AT 10600' (00:30 HR): 645U.   |
|               | 01:45 - 04:00 | 2.25  | D    | 04       |   | COMMENCE WIPER TRIP TO 9319': PUMPED/ BACK REAMED FIRST 4 STANDS OFF BOTTOM. PULLED UP NEXT 11 STANDS WITH HOLE DRAG VARYING BETWEEN 15K TO 25K.  |
| 04:00 - 06:00 | 2.00          | D     | 04   |          | WIPER TRIP 9319' INTO CASING SHOE AT 5021'. PUMPED PILL & BLEW TOP DRIVE WITH AIR AT 9319'. TIGHT SPOT NOTED AT 8885' - PULLED TO 224K. |   |
| 12/12/2010    | 06:00 - 06:15 | 0.25  | D    | 18       |   | HAND OVER & PRETOUR SAFETY MEETING  |
|               | 06:15 - 12:00 | 5.75  | D    | 04       |   | CONT. POH F/ 6449' TAKE REQUIRED FLOW CK'S  |
|               | 12:00 - 13:30 | 1.50  | D    | 04       |   | LAY DOWN DIRECTIONAL TOOLS  |
|               | 13:30 - 14:00 | 0.50  | D    | 04       |   | CLEAN UP DRILL FLOOR  |
|               | 14:00 - 18:00 | 4.00  | D    | 04       |   | RIH WITH 83/4" MILL TOOTH BIT & 1 TBR AT 60' TO 2600'   |
|               | 18:00 - 18:15 | 0.25  | D    | 18       |   | HAND OVER & PRETOUR SAFETY MEETING. TRIPPING IN HOLE.   |
|               | 18:15 - 19:30 | 1.25  | D    | 04       |   | TRIP IN HOLE FROM 2767' TO 4913'  |
|               | 19:30 - 20:30 | 1.00  | D    | 08       |   | CIRCULATE BOTTOMS UP AT 4913'.  |
|               | 20:30 - 20:45 | 0.25  | D    | 18       |   | BLOW TOP DRIVE, KELLY HOSE & STANDPIPE W/ AIR.  |
|               | 20:45 - 21:00 | 0.25  | D    | 18       |   | HELD SAFETY MEETING PRIOR TO SLIP AND CUT DRILLING LINE.  |
| 21:00 - 22:00 | 1.00          | D     | 18   |          | CUT OFF 67' OF DRILLING LINE.   |   |
| 22:00 - 00:00 | 2.00          | D     | 04   |          | TRIP IN HOLE FROM 4913' TO 6211'. WASH BRIDGES AT 5325',  |   |

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### Operations Summary Report

Legal Well Name: HORROCKS 4-20A1  
 Common Well Name: HORROCKS 4-20A1  
 Event Name: DRILLING  
 Contractor Name:  
 Rig Name:

Start: 12/15/2009  
 Rig Release:  
 Rig Number:

Spud Date: 1/20/2010  
 End:  
 Group:

| Date          | From - To     | Hours | Code | Sub Code | Phase                                       | Description of Operations  |
|---------------|---------------|-------|------|----------|---|--|
| 12/12/2010    | 22:00 - 00:00 | 2.00  | D    | 04       |   | 5688'  |
|               | 00:00 - 00:30 | 0.50  | D    | 08       |   | TRIP IN HOLE FROM 6211' TO 7224'   |
|               | 00:30 - 00:45 | 0.25  | D    | 08       |   | CIRCULATE AT 7224'.  |
|               | 00:45 - 06:00 | 5.25  | D    | 04       |   | TRIP IN HOLE FROM 7224' TO 10620'. WASH BRIDGES AT 7537', 8492', 8675'. CIRCULATE LAST FIVE FULL STANDS IN. TRIP GAS PEAK AT 2439U. HAD 10' - 15' FLARE FOR 15 MINUTES. FLARE DIMINISHED AFTER ANOTHER 15 MINUTES TO INTERMITTENT FLAME.   |
| 12/13/2010    | 06:00 - 06:15 | 0.25  | D    | 18       |   | HAND OVER & PRETOUR SAFETY MEETING   |
|               | 06:15 - 07:00 | 0.75  | D    | 07       |   | WASH & REAM F/ 10575' - 10620' NO FILL ON BTM.   |
|               | 07:00 - 10:00 | 3.00  | D    | 08       |   | CIRC. COND. HOLE RAISE MUD DENSITY F/ 11.9 TO 12.1 PPG BACK GRD. GAS DROPPING TO 356U NO MUD LOSSES AT PRESENT   |
|               | 10:00 - 18:00 | 8.00  | D    | 04       |   | POH ( MEASURE OUT ) TO 600'. TAKE REQUIRED FLOW CK'S HAD INTERMITTENT TIGHT SPOTS: 8551', 8475', 8152', 6851', 6759', 5363' 15 - 25K OVER PULL. STRAP FOR 106 STANDS: 9880.54', TALLY: 9882.45' - DIFF: 1.91'.   |
|               | 18:00 - 18:15 | 0.25  | D    | 18       |   | PRE TOUR SAFETY MEETING. HANDLING BHA.   |
|               | 18:15 - 19:15 | 1.00  | D    | 04       |   | TRIP OUT OF HOLE F/ 600' TO 0'. BREAK OFF BIT #8.  |
|               | 19:15 - 19:30 | 0.25  | D    | 18       |   | HELD BOP DRILL. WELL SECURE, MEN IN POSITION - 100 SECONDS.  |
|               | 19:30 - 19:45 | 0.25  | D    | 04       |   | CLEAN UP RIG FLOOR.  |
|               | 19:45 - 20:00 | 0.25  | DT   | 56       |   | SAFETY MEETING W/ HALLIBURTON LOGGERS.   |
|               | 20:00 - 22:00 | 2.00  | DT   | 56       |   | RIG UP LOGGERS & RUN TOOLS: GR-ACRY-SDL/DSN. TAG BRIDGE AT 5740'.  |
|               | 22:00 - 23:00 | 1.00  | DT   | 56       |   | RIG OUT LOGGERS.   |
|               | 23:00 - 23:15 | 0.25  | DT   | 56       |   | SAFETY MEETING - TRIP IN HOLE.   |
|               | 23:15 - 00:00 | 0.75  | DT   | 56       |   | MAKE UP BIT #9 (BIT #8 - RERUN), PICK UP 2X TBR PLUS JARS. RUN IN TO 234 FT.   |
|               | 00:00 - 02:30 | 2.50  | DT   | 56       |   | TRIP IN HOLE F/ 234' - 2557'.  |
|               | 02:30 - 02:45 | 0.25  | DT   | 56       |   | FILL PIPE @ 2557'.   |
|               | 02:45 - 03:30 | 0.75  | DT   | 56       |   | TRIP IN HOLE F/ 2557' - 4954'.   |
| 03:30 - 04:45 | 1.25          | DT    | 56   |          | FLOW CHECK & CIRCULATE BOTTOMS UP AT 4954'. |  |
| 04:45 - 05:00 | 0.25          | DT    | 56   |          | TRIP IN HOLE F/ 4954' - 5210'.              |  |
| 05:00 - 06:00 | 1.00          | DT    | 56   |          | WASH AND REAM BRIDGES FROM 5210' - 5300'.   |  |
| 12/14/2010    | 06:00 - 06:15 | 0.25  | DT   | 56       |   | HAND OVER & PRETOUR SAFETY MEETING   |
|               | 06:15 - 18:00 | 11.75 | DT   | 56       |   | WASH & REAM INTERMITTENT BRIDGES F/ 5277' - 9906' MOST OF REAMING WENT QUITE WELL ( WORST AREA WAS F/ 5277' - 5744' )  |
|               | 18:00 - 18:15 | 0.25  | DT   | 56       |   | PRE TOUR SAFETY MEETING - TRIPPING OUT OF HOLE.  |
|               | 18:15 - 21:15 | 3.00  | DT   | 56       |   | WASH & REAM FROM 9906' - 10620'. TIGHT SPOTS NOTED AT: 10384' & 10601'. ENCOUNTERED TRIP GAS FROM 10100' THROUGHOUT THE LOWER SECTION, WITH READINGS FLUCTUATING AS STANDS WERE CIRCULATED/ REAMED DOWN, FROM 120 UNITS TO 2132U. DIVERTED FLOW THROUGH GAS BUSTER FROM 10105' TO 10386', WITH 5 FT FLARE WHICH BURNED FOR 30 MINUTES. |
|               | 21:15 - 23:30 | 2.25  | DT   | 56       |   | CIRCULATE AND WORK DRILL STRING. GAS LEVELS DROPPED WHILE CIRCULATING AT 10620' FROM 565U TO 93U.  |
|               | 23:30 - 00:00 | 0.50  | DT   | 56       |   | FLOW CHECK @ 10547'. PULL 5 STANDS. STRING WT. - 175K. PULLED TO 192K - 194 ON EACH OF STANDS.   |
|               | 00:00 - 00:15 | 0.25  | DT   | 56       |   | FLOW CHECK @ 10179'. NO FLOW.  |
|               | 00:15 - 01:15 | 1.00  | DT   | 56       |   | TRIP OUT F/ 10179' TO 9163'. PULLED AT 9336' TO 197K.  |

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Operations Summary Report

Legal Well Name: HORROCKS 4-20A1  
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 Event Name: DRILLING  
 Contractor Name:  
 Rig Name:

Spud Date: 1/20/2010  
 Start: 12/15/2009 End:  
 Rig Release: Group:  
 Rig Number:

| Date          | From - To     | Hours | Code | Sub Code | Phase                             | Description of Operations   |
|---------------|---------------|-------|------|----------|-----------------------------------|---|
| 12/14/2010    | 01:15 - 01:30 | 0.25  | DT   | 56       |                                   | PUMP PILL @ 9163'   |
|               | 01:30 - 04:30 | 3.00  | DT   | 56       |                                   | TRIP OUT F/ 9163' - 5740'. WORKED TIGHT SPOT AT 8601', 7435', 6936', 6350', 5878', 5740'.   |
|               | 04:30 - 05:30 | 1.00  | DT   | 56       |                                   | CIRCULATE AND WORK THROUGH TIGHT SPOT AT 5740.  |
| 12/15/2010    | 05:30 - 06:00 | 0.50  | DT   | 56       |                                   | TRIP OUT OF HOLE F/ 5740' TOWARD CASING SHOE.   |
|               | 06:00 - 06:15 | 0.25  | DT   | 56       |                                   | HAND OVER & PRETOUR SAFETY MEETING  |
|               | 06:15 - 08:45 | 2.50  | DT   | 56       |                                   | CONT. W & R F/ 5740' - 5848' REAMED AND REREAMED THIS SECTION NUMEROUS TIMES TILL YOU COULD WORK PIPE WITH OUT ANY REAMING SHALE SHAKERS ARE QUITE CLEAN WITH ONLY THE ODD LARGE PIECE OF CAVINGS COMMING OUT OF HOLE   |
|               | 08:45 - 09:30 | 0.75  | DT   | 56       |                                   | PULL UP TO CASG. SHOE HAD 1 TIGHT SPOT AT 5530' 15K OVERPULL REST OF TRIP UP TO CASG. SHOE WAS GOOD   |
|               | 09:30 - 10:00 | 0.50  | DT   | 56       |                                   | RUN BACK IN HOLE TO 5541' TAGGED BRIDGE   |
|               | 10:00 - 18:00 | 8.00  | DT   | 56       |                                   | WASH AND REAM F/ 5542' - 8590' HARDEST AREAS OF REAMING WERE F/ 5542' - 5572', 5663' - 5756', 6284' - 6377' THE REST OF THE REAMING F/ 6400' - 8590' WENT QUITE WELL SHALE SHAKERS WERE RELITIVILEY CLEAN WITH THE ODD LARGE PIECE OF CAVINGS COMMING OUT OF THE HOLE MUD WT. 12.1 PPG VIS 47 YP 19 PV 16 PH 10.7 BGG 95U |
|               | 18:00 - 18:15 | 0.25  | DT   | 56       |                                   | PRE TOUR SAFETY MEETING. TRIPPING OUT OF HOLE.  |
|               | 18:15 - 20:45 | 2.50  | DT   | 56       |                                   | TRIP OUT FROM 8600' TO 4904'. SECTIONS WHICH PULLED TIGHT: 7528' - 9 K OVER, 7367' - 19 K OVER, 6673' - 13 K OVER, 6638' - 13 K OVER, 5595' - 12 K OVER.  |
|               | 20:45 - 21:00 | 0.25  | DT   | 56       |                                   | RIG SERVICE. GREASE BLOCKS, SWIVER, TOP DRIVE, DRAWWORKS, FUNCTION ANNULAR - CLOSE/ OPEN - 18 SECONDS.  |
|               | 21:00 - 21:30 | 0.50  | DT   | 56       |                                   | CIRCULATE BOTTOMS UP AT THE CASING SHOE.  |
|               | 21:30 - 23:15 | 1.75  | DT   | 56       |                                   | TRIP IN HOLE F/ 4904' - 8040'. TAGGED LIGHT BRIDGE AT 5121'. WORKED TIGHT SPOTS (WITHOUT CIRCULATING): 5584' - 5736', 6646' - 6673', 7367 - 7396'.  |
|               | 23:15 - 01:15 | 2.00  | DT   | 56       |                                   | CIRCULATE 2X BOTTOMS UP @ 8040', WORK DRILL STRING. TRIP GAS THROUGH BUSTER PEAKED AT 715 UNITS THEN TAPERED OFF TO 68 UNITS. A LIGHT AMOUNT OF LARGE, ANGULAR SHALE FRAGMENTS WERE OBSERVED ON SHAKER, WHICH WERE POSSIBLY FROM THE BRIDGE AT 5484' - 5736'.   |
|               | 01:15 - 03:15 | 2.00  | DT   | 56       |                                   | FLOW CHECK. PUMP PILL. TRIP OUT OF HOLE FROM 8040' TO 4904'. WORKED TIGHT SPOTS AT 7201', 5862', 5478'. THESE DEPTHS WERE WORKED THROUGH WITHOUT CIRCULATING. ALL IMPROVED AFTER BEING WORKED ONCE OR TWICE. TRIP MUD: CALCULATED: 20.9 BBL. ACTUAL: 24.6 BBL. DIFFERENCE: 3.68 BBL.                                      |
|               | 03:15 - 03:45 | 0.50  | DT   | 56       |                                   | CIRCULATE BOTTOMS UP AT CASING SHOE. GAS LEVELS INCREASED FROM 31 UNITS TO 51 UNITS.  |
|               | 03:45 - 04:00 | 0.25  | DT   | 56       |                                   | PRE JOB SAFETY MEETING: SLIP AND CUT DRILLING LINE.   |
| 04:00 - 05:00 | 1.00          | DT    | 56   |          | CUT OFF 67' OF DRILLING LINE.     |   |
| 05:00 - 06:00 | 1.00          | DT    | 56   |          | TRIP IN HOLE FROM 4904' TO 7000'. |   |
| 12/16/2010    | 06:00 - 06:15 | 0.25  | DT   | 56       |                                   | HAND OVER & PRETOUR SAFETY MEETING  |
|               | 06:15 - 07:00 | 0.75  | DT   | 56       |                                   | CONT. POH F/ 6279 - 4906 95/8" CASG. SHOE   |
|               | 07:00 - 07:30 | 0.50  | DT   | 56       |                                   | SAFETY STD. DOWN (FATAL ACCIDENT IN CANADA)   |
|               | 07:30 - 10:00 | 2.50  | DT   | 56       |                                   | RIH (SLOW) F/ 4906' - 8594' NO REAMING REQUIRED STRING STARTED TAKING WT. AT 8329'  |
|               | 10:00 - 13:45 | 3.75  | DT   | 56       |                                   | WASH & REAM F/ 8329' - 10620' EASY REAMING  |
|               | 13:45 - 16:30 | 2.75  | DT   | 56       |                                   | CIRC. COND. MUD & HOLE HAD 7146U GAS ON BTMS. UP AND  |

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# EL PASO PRODUCTION Operations Summary Report

**Legal Well Name:** HORROCKS 4-20A1  
**Common Well Name:** HORROCKS 4-20A1  
**Event Name:** DRILLING  
**Contractor Name:**  
**Rig Name:**

**Spud Date:** 1/20/2010  
**Start:** 12/15/2009  
**End:**  
**Rig Release:**  
**Group:**  
**Rig Number:**

| Date          | From - To     | Hours         | Code | Sub Code | Phase | Description of Operations  |  |
|---------------|---------------|---------------|------|----------|-------|--|--|
| 12/16/2010    | 13:45 - 16:30 | 2.75          | DT   | 56       |       | 10' FLARE FOR 15 MIN. MUD WT. 12.1 PPG VIS. 48 PH 9.6 YP 18 BGG 156U   |  |
|               | 16:30 - 18:00 | 1.50          | DT   | 56       |       | POH TO LOG PULL 10 STD'S FLOW CK PUMP TRIP PILL CONT. POH  |  |
|               | 18:00 - 18:30 | 0.50          | DT   | 56       |       | HELD IMMEDIATE STEP BACK MEETING   |  |
|               | 18:30 - 20:45 | 2.25          | DT   | 56       |       | TRIP OUT FROM 8422' - 4953' AT CASING SHOE. BLOW TOP DRIVE. TIGHT SPOTS NOTED AT 8595' & 7848'. WORKED THROUGH WITHOUT PUMPING.      |  |
|               | 20:45 - 21:00 | 0.25          | DT   | 56       |       | RIG SERVICE. GREASE BLOCKS, TOP DRIVE, DRAWWORKS, SWIVEL, BAYLOR BRAKE. FUNCTION ANNULAR: CLOSE/ OPEN - 18 SECONDS.                  |  |
|               | 21:00 - 21:45 | 0.75          | DT   | 56       |       | ADJUST S-PIPE ON TOP DRIVE.  |  |
|               | 21:45 - 23:45 | 2.00          | DT   | 56       |       | TRIP IN HOLE FROM 4953' TO 8000'.  |  |
|               | 23:45 - 00:00 | 0.25          | DT   | 56       |       | FILL PIPE & CIRCULATE AIR OUT OF PIPE.   |  |
|               | 00:00 - 01:15 | 1.25          | DT   | 56       |       | TRIP IN HOLE F/ 8000' TO 10177'.   |  |
|               | 01:15 - 02:30 | 1.25          | DT   | 56       |       | CIRCULATE AND WASH FROM 10177' TO 10620'. NO FILL.   |  |
|               | 02:30 - 04:30 | 2.00          | DT   | 56       |       | CONDITION MUD AND CIRCULATE/ WORK STRING. MUD: 12.2 IN/ 12.1+ OUT, VIS 44 IN/ 45 OUT. BGG - 140U, CONN GAS - 719U, TRIP GAS - 1579U. |  |
|               | 12/17/2010    | 04:30 - 06:00 | 1.50 | DT       | 56    |  | TRIP OUT OF HOLE. FLOW CHECK AT 10172' - NO FLOW.  |
|               |               | 06:00 - 06:15 | 0.25 | DT       | 56    |  | HAND OVER & PRETOUR SAFETY MEETING   |
|               |               | 06:15 - 13:00 | 6.75 | DT       | 56    |  | CONT. POH TO LOG TAKE REQUIRED FLOW CK'S WELL STATIC HAD TIGHT SPOTS AT 8226', 7975', 7868' 10 - 15K OVERPULL L / D TBR'S & DRLG. JARS |
| 13:00 - 13:30 |               | 0.50          | DT   | 56       |       | PULL WEAR BUSHING  |  |
| 13:30 - 14:00 |               | 0.50          | DT   | 56       |       | SAFETY MEETING WITH HALLIBURTON  |  |
| 14:00 - 14:30 |               | 0.50          | D    | 11       |       | RIG IN HALLIBURTON   |  |
| 14:30 - 15:00 |               | 0.50          | D    | 11       |       | RUN QUAD COMBO PLUS SONIC LOGGERS TD 10618' ON BTM. AT 1655 HRS.   |  |
| 15:00 - 18:00 |               | 3.00          | D    | 11       |       | PRE-TOUR SAFETY MEETING. REVIEW - LOGGING.   |  |
| 18:00 - 18:15 |               | 0.25          | D    | 18       |       | RUN WIRELINE LOGS: GR-DSN-SDL-ACRT- BSAT.  |  |
| 18:15 - 21:45 |               | 3.50          | D    | 11       |       | RIG OUT LOGGERS.   |  |
| 21:45 - 22:00 |               | 0.25          | D    | 11       |       | PRE-JOB SAFETY MEETING. - TRIPPING IN HOLE.  |  |
| 22:00 - 22:15 |               | 0.25          | D    | 04       |       | MAKE UP BIT, #8 RR., PSA.  |  |
| 22:15 - 00:00 |               | 1.75          | D    | 04       |       | TRIP IN HOLE F/ 698' TO 4951'.   |  |
| 00:00 - 02:30 |               | 2.50          | D    | 04       |       | FILL PIPE @ 4951'.   |  |
| 02:30 - 02:45 |               | 0.25          | D    | 04       |       | RIG SERVICE. GREASE BLOCKS. SWIVEL, TOP DRIVE, DRAWWORKS. FUNCTION ANNULAR- CLOSE/ OPEN - 18 SECONDS.                                |  |
| 02:45 - 03:00 |               | 0.25          | D    | 06       |       | CHANGE OUT ROTATING RUBBER.  |  |
| 12/18/2010    |               | 03:00 - 03:30 | 0.50 | D        | 18    |  | TRIP IN FROM 4951' - 5200 FT.  |
|               | 03:30 - 04:00 | 0.50          | D    | 04       |       | WASH/ REAM FROM 5200' TO 5900'. HARD BRIDGE AT 5524'.  |  |
|               | 04:00 - 05:30 | 1.50          | D    | 07       |       | TRIP IN FROM 5900' TO 6600'.   |  |
|               | 05:30 - 06:00 | 0.50          | D    | 04       |       | HAND OVER & PRETOUR SAFETY MEETING   |  |
|               | 06:00 - 06:15 | 0.25          | DT   | 67       |       | CONT. TRIP IN HOLE F/ 6100' - 6500' NO TIGHT SPOTS   |  |
|               | 06:15 - 06:30 | 0.25          | DT   | 56       |       | POH UP TO CASG. SHOE @ 4946'   |  |
|               | 06:30 - 07:45 | 1.25          | DT   | 56       |       | RIH F/ 4946' - 5531' STRING TAKING WT.   |  |
|               | 07:45 - 08:15 | 0.50          | DT   | 56       |       | WASH & REAM F/ 5531' - 5885' REAMED THIS SECTION NUMEROUS TIMES  |  |
|               | 08:15 - 10:15 | 2.00          | DT   | 56       |       | CONT. RIH F/ 5885' - 10620' WASHED LAST 3 STANDS TO BTM.   |  |
|               | 10:15 - 12:45 | 2.50          | DT   | 56       |       | CIRC. COND. MUD & HOLE HAD 4951U GAS ON BTMS. UP MUD WT. 12.2 PPG VIS. 48 YP 20 PH 9.6 BGG 130U                                      |  |
|               | 12:45 - 16:00 | 3.25          | DT   | 56       |       | TRIP OUT 5 STANDS. POH LAYING DOWN DP 10113' - 9270'.  |  |
|               | 16:00 - 18:00 | 2.00          | D    | 04       |       |  |  |

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name: HORROCKS 4-20A1  
 Common Well Name: HORROCKS 4-20A1  
 Event Name: DRILLING  
 Contractor Name:  
 Rig Name:

Spud Date: 1/20/2010  
 Start: 12/15/2009  
 End:  
 Rig Release:  
 Group:  
 Rig Number:

| Date       | From - To     | Hours | Code | Sub Code | Phase | Description of Operations   |
|------------|---------------|-------|------|----------|-------|---|
| 12/18/2010 | 18:00 - 18:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING - LAY DOWN DRILL PIPE.  |
|            | 18:15 - 22:45 | 4.50  | D    | 04       |       | LAY DOWN DRILL STRING FROM 9270' TO 4744'.  |
|            | 22:45 - 23:00 | 0.25  | D    | 06       |       | RIG SERVICE. GREASE BLOCKS, SWIVEL, TOP DRIVE, DRAWWORKS. FUNCTION ANNULAR - CLOSE/ OPEN - 18 SECONDS.  |
|            | 23:00 - 00:00 | 1.00  | D    | 04       |       | LAY DOWN DRILL STRING FROM 4744' - 3762'.   |
|            | 00:00 - 03:00 | 3.00  | D    | 04       |       | LAY DOWN DRILL STRING FROM 3762' - 698'.  |
|            | 03:00 - 03:15 | 0.25  | D    | 18       |       | SAFETY MEETING ABOUT HANDLING BHA.  |
|            | 03:15 - 04:15 | 1.00  | D    | 04       |       | FLOW CHECK AT 698'. RUN IN 5 STANDS OF DP. LAY DOWN SAME.   |
| 12/19/2010 | 04:15 - 06:00 | 1.75  | D    | 04       |       | LAY DOWN BHA - HWDP, DC, JARS, TBR'S, BIT SUB & BIT.  |
|            | 06:00 - 06:15 | 0.25  | D    | 12       |       | HAND OVER & PRETOUR SAFETY MEETING  |
|            | 06:15 - 07:00 | 0.75  | D    | 04       |       | L / D DRLG. JARS, TBR'S , DC'S  |
|            | 07:00 - 08:00 | 1.00  | D    | 04       |       | CLEAN UP DRILL FLOOR  |
|            | 08:00 - 08:15 | 0.25  | D    | 12       |       | SAFETY MEETING WITH TESCO   |
|            | 08:15 - 09:45 | 1.50  | D    | 12       |       | RIG IN TESCO CDS TOOL   |
|            | 09:45 - 18:00 | 8.25  | D    | 12       |       | RUN 7" 29# P-110 LT&C CASING. MAKE UP FLOAT SHOE AND FLOAT COLLAR. RUN CASING TO 3800'.   |
|            | 18:00 - 18:15 | 0.25  | D    | 18       |       | PRE-TOUR SAFETY MEETING. RUNNING CASING.  |
|            | 18:15 - 20:45 | 2.50  | D    | 12       |       | RUN 7" CASING F/ 3800' - 4927'.   |
|            | 20:45 - 22:15 | 1.50  | D    | 12       |       | CIRCULATE BOTTOMS UP @ 4927'. MIX LCM, MONITOR LOSSES, CIRCULATE OUT AIR.   |
| 12/20/2010 | 22:15 - 22:30 | 0.25  | D    | 12       |       | SERVICE TESCO RUNNING TOOL.   |
|            | 22:30 - 00:00 | 1.50  | D    | 12       |       | RUN 7" CASING FROM 4927' - 5500'. WORK THROUGH TIGHT SPOTS AT 5259' & 5485'.  |
|            | 00:00 - 06:00 | 6.00  | D    | 12       |       | RUN 7" CASING FROM 5500' - 7100' . WORK THROUGH TIGHT SPOTS AT 5697', 6050, 6100, 6150'   |
|            | 06:00 - 06:15 | 0.25  | D    | 12       |       | HAND OVER & PRETOUR SAFETY MEETING  |
|            | 06:15 - 12:30 | 6.25  | D    | 12       |       | CONT. RUNNING 7" CASG. F/ 7100' - 10620' RAN 238 JTS. 7" 29# P-110 LT&C CASG. LENGTH WITH FLOAT EQUIP. MARKER JT. & LANDING JT. 10616.76' WASHED LAST 5 JTS. TO BTM. AT 185 GPM 80% RETURNS ADD 20% LCM TO MUD SYSTEM LOSSES GRADUALLY DECREASING BRING PUMP STKS. UP TO 112 GPM 271 BTMS. UP GAS 4609U   |
|            | 12:30 - 14:00 | 1.50  | D    | 08       |       | CIRCULATE & CONDITION HOLE.   |
|            | 14:00 - 16:30 | 2.50  | D    | 12       |       | LD TAG JOINT. PU LANDING JOINT. CIRCULATE. WAIT ON SCHLUMBERGER.  |
|            | 16:30 - 17:00 | 0.50  | D    | 12       |       | RD TESCO.   |
|            | 17:00 - 18:00 | 1.00  | D    | 08       |       | RU CASING BAILS. CIRCULATE WAIT ON SCHLUMBERGER.  |
|            | 18:00 - 18:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING.  |
| 12/21/2010 | 18:15 - 00:30 | 6.25  | DT   | 68       |       | CIRCULATE & CONDITION HOLE. WAIT ON SCHLUMBERGER.   |
|            | 00:30 - 06:00 | 5.50  | D    | 14       |       | HOLD SAFETY MEETING WITH CEMENTERS. RU SCHLUMBERGER. CEMENT 7" 29# P-110 LTC CASING WITH 10 BBL'S FRESH WATER, 20 BBL'S 13.8# MUDPUSH II, TAIL CEMENT 383.3 BBL'S (1115 SKS) 13.3 PPG, YIELD 1.93 FT3/SK, WATER 9.85 GAL/SK, DROP PLUG ON FLY, DISPLACED WITH PIT WATER 392.2 BBL'S. BUMP PLUG. FLOATS HELD. GOOD RETURNS THROUGH OUT CEMENT JOB. NO CEMENT RETURNS. RD & RELEASE SCHLUMBERGER. |
|            | 06:00 - 06:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON CHANGING RAMS.   |
|            | 06:15 - 07:00 | 0.75  | D    | 12       |       | LAY DOWN LANDING JOINT. START SHAKING LCM OUT OF MUD.   |
|            | 07:00 - 08:00 | 1.00  | D    | 12       |       | LAY DOWN BAILS & ELEVATORS. START TESTING MANIFOLD 250 LOW 10000 HIGH.  |
|            | 08:00 - 08:30 | 0.50  | D    | 18       |       | REMOVE 4 1/2" SAVER SUB.  |

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name: HORROCKS 4-20A1  
 Common Well Name: HORROCKS 4-20A1  
 Event Name: DRILLING  
 Contractor Name:  
 Rig Name:

Spud Date: 1/20/2010  
 Start: 12/15/2009  
 End:  
 Rig Release:  
 Rig Number:  
 Group:

| Date       | From - To     | Hours | Code | Sub Code | Phase | Description of Operations   |
|------------|---------------|-------|------|----------|-------|---|
| 12/21/2010 | 08:30 - 14:00 | 5.50  | D    | 18       |       | CHANGE OUT 4 1/2" PIPE RAMS TO 3 1/2".  |
|            | 14:00 - 15:00 | 1.00  | D    | 18       |       | INSTALL 3 1/2" SAVER SUB.   |
|            | 15:00 - 15:45 | 0.75  | D    | 18       |       | INSTALL BAILS & LINK TILT RAMS.   |
|            | 15:45 - 16:00 | 0.25  | D    | 18       |       | SAFETY MEETING ON TESTING BOPS.   |
|            | 16:00 - 18:00 | 2.00  | D    | 18       |       | START TESTING BOPS.   |
|            | 18:00 - 18:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON TESTING.   |
|            | 18:15 - 19:00 | 0.75  | D    | 06       |       | REPAIR GRABBER HOSES ON TOP DRIVE.  |
|            | 19:00 - 23:30 | 4.50  | D    | 09       |       | TEST BOP 250 LOW 10,000 HIGH. ANNULAR 250 LOW 4,000 HIGH. CASING 2,500 FOR 30 MIN.  |
|            | 23:30 - 23:45 | 0.25  | D    | 18       |       | SAFETY MEETING ON HANDLING BHA.   |
|            | 23:45 - 06:00 | 6.25  | D    | 04       |       | PU & TIH WITH BHA #11 TO 1200'. OREANTATE MWD TOOL & TEST TOOL @ 72' & 967'.  |
| 12/22/2010 | 06:00 - 06:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON PU BHA.  |
|            | 06:15 - 18:00 | 11.75 | D    | 04       |       | PU TIH WITH DRILL PIPE TO 7000'.  |
|            | 18:00 - 18:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING.  |
|            | 18:15 - 21:45 | 3.50  | D    | 04       |       | PU TIH WITH DRILL PIPE TO 9974'.  |
|            | 21:45 - 22:00 | 0.25  | D    | 18       |       | SAFETY MEETING ON SLIP & CUT DRILL LINE.  |
|            | 22:00 - 23:00 | 1.00  | D    | 06       |       | SLIP & CUT 115' DRILL LINE.   |
|            | 23:00 - 01:00 | 2.00  | D    | 04       |       | PU TIH WITH DRILL PIPE FROM 9974' TO 10541'.  |
|            | 01:00 - 01:45 | 0.75  | D    | 18       |       | BOP DRILL. BLOW OUT MANIFOLD LINES WITH RIG AIR.  |
|            | 01:45 - 04:00 | 2.25  | D    | 13       |       | DRILL CEMENT & FLOAT EQUIPMENT FROM 10541' TO 10613'. FLOAT COLLAR @ 10562.52' KB. FLOAT SHOE @ 10606.02' KB. EOC @ 10607.80' KB.   |
|            | 04:00 - 06:00 | 2.00  | DT   | 68       |       | CIRCULATE HOLE CLEAN FOR F.I.T. TEST. WAIT ON WEATHERFORD TESTER.   |
| 12/23/2010 | 06:00 - 08:30 | 2.50  | D    | 09       |       | CREW CHANGE & PRE JOB SAFETY MEETING ON F.I.T. TEST. PERFORM F.I.T. MUD WEIGHT 10.5 PPG, ADDED SURFACE PRESSURE 3600 PSI. LEAKOFF GRADIENT 0.78, EQUIVALENT MUD WEIGHT 15.02 PPG. |
|            | 08:30 - 09:45 | 1.25  | D    | 08       |       | DISPLACE WATER WITH 11.9 PPG MUD.   |
|            | 09:45 - 17:00 | 7.25  | D    | 03       |       | DRILL F/ 10620' TO 10881'.  |
|            | 17:00 - 18:00 | 1.00  | D    | 05       |       | ACCUMULATED CONNECTION AND SURVEY TIME.   |
|            | 18:00 - 18:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON WINTER OPERATIONS.   |
|            | 18:15 - 20:15 | 2.00  | D    | 03       |       | DRILL F/ 10881' TO 10963'.  |
|            | 20:15 - 20:30 | 0.25  | D    | 06       |       | RIG SERVICE.  |
|            | 20:30 - 20:45 | 0.25  | D    | 18       |       | BOP DRILL. WELL SECURE, CREW IN POSITION - 90 SEC.  |
|            | 20:45 - 05:15 | 8.50  | D    | 03       |       | DRILL F/ 10963' TO 11132'.  |
|            | 05:15 - 06:00 | 0.75  | D    | 05       |       | ACCUMULATED CONNECTION AND SURVEY TIME.   |
| 12/24/2010 | 06:00 - 06:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON MAKING CONNECTIONS.  |
|            | 06:15 - 10:30 | 4.25  | D    | 03       |       | DRILL F/ 11132' TO 11251'. MWD TOOL NOT WORKING. NO PULSE.  |
|            | 10:30 - 11:00 | 0.50  | D    | 06       |       | RIG SERVICE.  |
|            | 11:00 - 17:00 | 6.00  | D    | 03       |       | DRILL F/ 11251' TO 11400'. MWD TOOL NOT WORKING. NO PULSE.  |
|            | 17:00 - 18:00 | 1.00  | D    | 05       |       | ACCUMULATED CONNECTION AND SURVEY TIME.   |
|            | 18:00 - 18:15 | 0.25  | D    | 18       |       | HELD SAFETY AND HAND OVER MEETING,  |
|            | 18:15 - 19:15 | 1.00  | D    | 03       |       | DRILL F/ 11400' TO 11439'   |
|            | 19:15 - 19:30 | 0.25  | D    | 06       |       | RIG SERVICE, GREASE TOP DRIVE, DW & DRIVELINE, TURN KELLY HOSE, FUNCTION TEST ANNULAR O/C 18 SEC  |
|            | 19:30 - 05:45 | 10.25 | D    | 03       |       | DRILL F/ 11439' TO 11655'   |
|            | 05:45 - 06:00 | 0.25  | D    | 05       |       | ACCUMULATED CONNECTION AND SURVEY TIME.   |
| 12/25/2010 | 06:00 - 06:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON WEEKEND AWARENESS.   |
|            | 06:15 - 07:00 | 0.75  | DT   | 62       |       | CIRCULATE BOTTOMS UP FOR TRIP.  |
|            | 07:00 - 14:00 | 7.00  | DT   | 62       |       | POOH WITH FLOW CHECKS. LD MWD TOOL, MUD MOTOR & BIT. FOUND A FLOAT ON TOP OF MUD MOTOR & ONE IN SHOCK SUB.  |

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Legal Well Name: HORROCKS 4-20A1  
 Common Well Name: HORROCKS 4-20A1  
 Event Name: DRILLING  
 Contractor Name:  
 Rig Name:

Spud Date: 1/20/2010  
 Start: 12/15/2009  
 End:  
 Rig Release:  
 Rig Number:

Group:

| Date       | From - To     | Hours | Code | Sub Code | Phase | Description of Operations  |
|------------|---------------|-------|------|----------|-------|--|
| 12/25/2010 | 07:00 - 14:00 | 7.00  | DT   | 62       |       | PULLED BOTH FLOATS OUT.  |
|            | 14:00 - 18:00 | 4.00  | DT   | 62       |       | PU BIT #12 NEW MUD MOTOR, NEW MWD TOOL, OREANTATE MWD TOOL & TEST TOOL. TIH.                   |
|            | 18:00 - 18:15 | 0.25  | DT   | 62       |       | HELD PRE TOUR HAND OVER AND SAFETY MEETING, ( SLIP AND CUT DRILLINE )                          |
|            | 18:15 - 21:15 | 3.00  | DT   | 62       |       | TRIP IN HOLE F/ 5388' TO 10573' ( SHOE )   |
|            | 21:15 - 22:45 | 1.50  | DT   | 62       |       | SLIP & CUT DRILLINE, 605' = 85 WRAPS,  |
|            | 22:45 - 23:00 | 0.25  | DT   | 62       |       | TRIP IN HOLE F/ 10573' TO 11190'   |
|            | 23:00 - 00:30 | 1.50  | DT   | 62       |       | WASH & REAM F/ 11190' TO 11657', 5 STANDS TO BOTOM, TAKE CHECK SHOT SURVEYS @ 11236' & 11537', |
| 12/26/2010 | 00:30 - 06:00 | 5.50  | D    | 03       |       | DRILL F/ 11657' TO 11710'  |
|            | 06:00 - 06:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON CONNECTIONS.  |
|            | 06:15 - 14:45 | 8.50  | D    | 03       |       | DRILLED F/ 11710' TO 11820'.   |
|            | 14:45 - 15:00 | 0.25  | D    | 06       |       | RIG SERVICE.   |
|            | 15:00 - 17:30 | 2.50  | D    | 03       |       | DRILL F/ 11820' TO 11847'.   |
|            | 17:30 - 18:00 | 0.50  | D    | 05       |       | ACCUMULATED CONNECTION AND SURVEY TIME.  |
| 12/27/2010 | 18:00 - 18:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON ( WEEKEND AWARENESS )   |
|            | 18:15 - 06:00 | 11.75 | D    | 03       |       | DRILL F/ 11847' TO 12014'  |
| 12/28/2010 | 06:00 - 06:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON SERVICING DRAW WORKS.   |
|            | 06:15 - 15:45 | 9.50  | D    | 03       |       | DRILL F/ 12014' TO 12104'.   |
|            | 15:45 - 16:00 | 0.25  | D    | 06       |       | RIG SERVICE.   |
|            | 16:00 - 17:30 | 1.50  | D    | 03       |       | DRILL F/ 12104' TO 12120'.   |
|            | 17:30 - 18:00 | 0.50  | D    | 05       |       | ACCUMULATED CONNECTION AND SURVEY TIME.  |
|            | 18:00 - 18:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON ( RIG SERVICE )   |
|            | 18:15 - 00:30 | 6.25  | D    | 03       |       | DRILL F/ 12120' TO 12204'  |
|            | 00:30 - 00:45 | 0.25  | D    | 18       |       | HELD BOP DRILL, ALL HANDS IN POSITION, WELL SECURED IN 100 SEC,                                |
|            | 00:45 - 01:15 | 0.50  | D    | 06       |       | RIG SERVICE, FUNCTION TEST UPPER AND LOWER PIPE RAMS O/C 18 SEC,                               |
|            | 01:15 - 05:45 | 4.50  | D    | 03       |       | DRILL F/ 12204' TO 12242'.   |
| 12/29/2010 | 05:45 - 06:00 | 0.25  | D    | 18       |       | ACCUMULATED CONNECTION AND SURVEY TIME.  |
|            | 06:00 - 06:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON RACKING BACK PIPE.  |
|            | 06:15 - 09:30 | 3.25  | D    | 03       |       | DRILL F/ 12242' TO 12284'.   |
|            | 09:30 - 10:00 | 0.50  | D    | 05       |       | TRY TO GET SURVEY. MWD TOOL NOT WORKING. NO SURVEY.  |
|            | 10:00 - 10:45 | 0.75  | D    | 08       |       | CIRCULATE BOTTOMS UP FOR BIT TRIP.   |
|            | 10:45 - 18:00 | 7.25  | D    | 04       |       | POOH F/ 12284' TO 0'. WITH FLOW CHECKS.  |
|            | 18:00 - 18:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON TRIPPING PIPE,  |
|            | 18:15 - 00:30 | 6.25  | D    | 04       |       | MAKE UP BIT, TRIP IN HOLE TO 10574' FILL PIPE @ 1250' / 5000' / 7500'                          |
|            | 00:30 - 00:45 | 0.25  | D    | 08       |       | FILL PIPE, CIRC, TEST MWD TOOL, AT 10574'  |
|            | 00:45 - 01:00 | 0.25  | D    | 18       |       | HELD SAFETY MEETING ON ( CUT & SLIP DRILLING LINE )  |
|            | 01:00 - 02:15 | 1.25  | D    | 18       |       | CUT AND SLIP DRILLING LINE,  |
|            | 02:15 - 02:45 | 0.50  | D    | 04       |       | TRIP IN HOLE F/ 10574' TO 11726'   |
|            | 02:45 - 06:00 | 3.25  | D    | 07       |       | WASH & REAM F/ 11726' TO 12196'  |
| 12/29/2010 | 06:00 - 06:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON ROTATING HEAD & TRAPPED PRESSURE.                               |
|            | 06:15 - 07:00 | 0.75  | D    | 07       |       | CLEAN HOLE F/ 12196' TO 12284'.  |
|            | 07:00 - 17:45 | 10.75 | D    | 03       |       | PATTERN BIT DRILL F/ 12284' TO 12387'.   |
|            | 17:45 - 18:00 | 0.25  | D    | 18       |       | ACCUMULATED CONNECTION AND SURVEY TIME.  |
|            | 18:00 - 18:15 | 0.25  | D    | 18       |       | CREW CHANGE. SAFETY MEETING ON ( MAKING UP DRILL PIPE IN MOUSE HOLE ).                         |
|            | 18:15 - 18:45 | 0.50  | D    | 06       |       | RIG SERVICE, FUNCTION TEST CROWN SAVER, INSPECT BRAKES   |

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name: HORROCKS 4-20A1  
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 Event Name: DRILLING  
 Contractor Name:  
 Rig Name:

Spud Date: 1/20/2010  
 Start: 12/15/2009 End:  
 Rig Release: Group:  
 Rig Number:

| Date          | From - To     | Hours         | Code | Sub Code | Phase | Description of Operations  |   |
|---------------|---------------|---------------|------|----------|-------|--|---|
| 12/29/2010    | 18:15 - 18:45 | 0.50          | D    | 06       |       | & LINKAGE, TONG LINES AND DRILL LINE, FUNCTION TEST UPPER AND LOWER PIPE RAMS 18 SEC O/C,  |   |
|               | 18:45 - 05:45 | 11.00         | D    | 03       |       | DRILL F/ 12387' TO 12531'  |   |
| 12/30/2010    | 05:45 - 06:00 | 0.25          | D    | 18       |       | ACCUMULATED CONNECTION AND SURVEY TIME.  |   |
|               | 06:00 - 06:15 | 0.25          | D    | 18       |       | PRE TOUR SAFETY MEETING (MAKE UP DRILL PIPE IN MOUSE HOLE)   |   |
|               | 06:15 - 09:45 | 3.50          | D    | 03       |       | DRILLING 6-1/8" HOLE FROM 12,531'-12,580'  |   |
|               | 09:45 - 10:00 | 0.25          | D    | 06       |       | RIG SERVICE, GREASE BLOCKS, SWIVEL, TOP DRIVE, DRAW WORKS, BAYLOR BRAKE, FUNCTION ANNULAR 17 SECONDS.  |   |
|               | 10:00 - 17:00 | 7.00          | D    | 03       |       | DRILLING 6-1/8" HOLE FROM 12,580'-12,645'  |   |
|               | 17:00 - 17:15 | 0.25          | D    | 18       |       | BOP DRILL  |   |
|               | 17:15 - 17:30 | 0.25          | D    | 03       |       | DRILLING 6-1/8" HOLE FROM 12,645'-12,682'  |   |
|               | 17:30 - 18:00 | 0.50          | D    | 18       |       | ACCUMULATED SURVEY AND CONNECTION TIME.  |   |
|               | 18:00 - 18:15 | 0.25          | D    | 18       |       | PRE TOUR SAFETY MEETING - WORKING WITH STEAM.  |   |
|               | 18:15 - 23:45 | 5.50          | D    | 03       |       | DRILLING 6 1/8" HOLE FROM 12,682' - 12745'.  |   |
|               | 23:45 - 00:00 | 0.25          | D    | 18       |       | BOP DRILL W/ CREW. WELL SECURED - 100 SECONDS. ALL HANDS IN PLACE.   |   |
|               | 00:00 - 01:00 | 1.00          | D    | 03       |       | DRILL F/ 12,745' - 12,758' LOST CIRCULATION IN APPARENT FRACTURE AT 12,756'.   |   |
|               | 01:00 - 03:00 | 2.00          | DT   | 57       |       | MIX LOST CIRCULATION MATERIAL. - 25% IN TANK 1 - 2 SWEEPS/ 231 BBLs. LOST A TOTAL OF 87 BBL. CIRCULATION REGAINED.   |   |
|               | 03:00 - 03:45 | 0.75          | D    | 03       |       | DRILLING 6 1/8" HOLE FROM 12,758' - 12,763'.   |   |
|               | 03:45 - 04:30 | 0.75          | D    | 08       |       | CIRCULATE AND MONITOR BOTTOMS UP GAS - GAS PEAKED @ 4701 U, WITH SEVERAL LARGE BUBBLES BLOWING MUD OUT OF THE POSSUM BELLY. CIRCULATED GAS OUT OF ANNULUS.   |   |
|               | 12/31/2010    | 04:30 - 06:00 | 1.50 | D        | 03    |  | DRILLING 6 1/8" HOLE FROM 12,763' - 12,770'.  |
|               |               | 06:00 - 06:15 | 0.25 | D        | 18    |  | PRE TOUR SAFETY MEETING ( WINTER CONDITIONS)  |
|               |               | 06:15 - 14:45 | 8.50 | D        | 03    |  | DRILLING 6-1/8" HOLE FROM 12,770'-12,841'. RAISED MUD WEIGHT FROM 12.2 PPG TO 12.4 PPG TO CONTROL BACKGROUND GAS. |
|               |               | 14:45 - 15:45 | 1.00 | D        | 08    |  | CIRCULATE BOTTOMS UP FOR BIT TRIP.  |
| 15:45 - 18:00 |               | 2.25          | D    | 04       |       | FLOW CHECK, TRIP OUT OF HOLE FOR BIT CHANGE. 12841' - 8387'  |   |
| 18:00 - 18:15 |               | 0.25          | D    | 18       |       | PRE TOUR SAFETY MEETING (POOH)   |   |
| 18:15 - 23:30 |               | 5.25          | D    | 04       |       | TRIP OUT OF HOLE 8387' - 0' FLOW CHECKS 6333', AND 947'. WELL NOTED FLOWING INTERMITTENTLY AS GAS BUBBLES SURFACED.  |   |
| 23:30 - 00:00 |               | 0.50          | D    | 05       |       | LAY DOWN DIRECTIONAL TOOLS & CHANGE MUD MOTOR.   |   |
| 1/1/2011      | 00:00 - 02:00 | 2.00          | D    | 05       |       | PICK UP NEW MOTOR, ORIENT TOOL, ATTEMPT TO RETRIEVE FLOAT FROM SHOCK SUB. LAY DOWN SHOCK SUB.  |   |
|               | 02:00 - 04:00 | 2.00          | D    | 04       |       | TRIP IN HOLE 0' - 1037'. FILL DP. TEST MWD.  |   |
|               | 04:00 - 04:15 | 0.25          | D    | 08       |       | CIRCULATE BOTTOMS UP AT 1037'.   |   |
|               | 04:15 - 04:30 | 0.25          | D    | 04       |       | THAW OUT RIG FLOOR TO ELIMINATE HAZARDS.   |   |
|               | 04:30 - 06:00 | 1.50          | D    | 04       |       | TRIP IN HOLE FROM 1037' TO 4000'.  |   |
|               | 06:00 - 06:15 | 0.25          | D    | 18       |       | PRE TOUR SAFETY MEETING (  |   |
|               | 06:15 - 07:45 | 1.50          | D    | 04       |       | TRIP IN HOLE TO 6970', FILL PIPE AND BREAK CIRCULATION.  |   |
|               | 07:45 - 11:00 | 3.25          | D    | 04       |       | TRIP IN HOLE TO CASING SHOE AT 10,642'. FILL PIPE AND CIRCULATE BOTTOMS UP. TOOK 50 BBL GAIN, SHUT WELL IN, 550 PSI SICP - 0 SIDPP. CIRCULATE OUT GAS BUBBLE. LARGE AMOUNTS OF PARAFIN, NO LOSSES. |   |
|               | 11:00 - 11:45 | 0.75          | D    | 18       |       | PRE JOB SAFETY MEETING, BLOW OUT CHOKE LINE AND MANIFOLD WITH AIR, CHANGE GRABBER DIES.  |   |
|               | 11:45 - 12:45 | 1.00          | D    | 18       |       | SLIP AND CUT DRILLING LINE   |   |
|               | 12:45 - 13:00 | 0.25          | D    | 04       |       | TRIP IN HOLE TO 11,700'  |   |
|               | 13:00 - 14:00 | 1.00          | D    | 08       |       | CIRCULATE BOTTOMS UP. 20' FLAME.   |   |

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name: HORROCKS 4-20A1  
 Common Well Name: HORROCKS 4-20A1  
 Event Name: DRILLING  
 Contractor Name:  
 Rig Name:

Spud Date: 1/20/2010  
 Start: 12/15/2009  
 End:  
 Rig Release:  
 Rig Number:

Group:

| Date     | From - To     | Hours | Code | Sub Code | Phase | Description of Operations  |
|----------|---------------|-------|------|----------|-------|--|
| 1/1/2011 | 14:00 - 14:30 | 0.50  | D    | 04       |       | TRIP IN HOLE TO 12,540'  |
|          | 14:30 - 15:30 | 1.00  | D    | 07       |       | CLEAN OUT TO BOTTOM FROM 12,540'-12,841'. REAMED LAST 15'.   |
|          | 15:30 - 17:45 | 2.25  | D    | 03       |       | DRILLING 6-1/8" HOLE FROM 12,841'-12,950'  |
|          | 17:45 - 18:00 | 0.25  | D    | 18       |       | ACCUMULATED SURVEY AND CONNECTION TIME   |
|          | 18:00 - 18:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING - NEW YEAR'S WEEKEND AWARENESS.  |
|          | 18:15 - 18:45 | 0.50  | D    | 06       |       | RIG SERVICE. FUNCTION ANNULAR - CLOSE - 18 SECONDS.  |
|          | 18:45 - 00:00 | 5.25  | D    | 03       |       | DRILLING 6 1/8" HOLE FROM 12,950' - 13,120'. RAISE MUD DENSITY FROM 12.4 LB/GAL TO 12.8+. BGG - DROPPED TO 615U OFF BUSTER.  |
|          | 00:00 - 05:00 | 5.00  | D    | 03       |       | DRILLING 6 1/8" HOLE FROM 13,120' - 13,290'.   |
| 1/2/2011 | 05:00 - 06:00 | 1.00  | D    | 05       |       | ACCUMULATED CONNECTION AND SURVEY TIME.  |
|          | 06:00 - 06:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING (WINTER DRIVING)   |
|          | 06:15 - 14:30 | 8.25  | D    | 03       |       | DRILLING 6-1/8" HOLE FROM 13,290'-13,523'  |
|          | 14:30 - 14:45 | 0.25  | D    | 06       |       | RIG SERVICE. GREASE TOP DRIVE, BLOCKS, DRAW WORKS, BAYLOR, FUNCTION ANNULAR 16/16 OPEN CLOSE.  |
|          | 14:45 - 17:30 | 2.75  | D    | 03       |       | DRILLING 6-1/8" HOLE FROM 13,523'- 13,576'. START RAISING DENSITY FROM 12.8 LB/GAL DUE TO RISING GAS LEVELS ON GAS DETECTORS.  |
|          | 17:30 - 18:00 | 0.50  | D    | 05       |       | ACCUMULATED SURVEY & CONNECTION TIME.  |
|          | 18:00 - 18:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING - WORKING IN COLD CONDITIONS   |
|          | 18:15 - 23:30 | 5.25  | D    | 03       |       | DRILLING 6 1/8" HOLE FROM 13,576' - 13,725'. RAISE MUD DENSITY FROM 13.0 LB/GAL TO 13.5 LB/GAL. GAS LEVELS STILL ELEVATED - 1800 UNITS.  |
|          | 23:30 - 00:00 | 0.50  | D    | 05       |       | ACCUMULATED SURVEY AND CONNECTION TIME.  |
|          | 00:00 - 05:00 | 5.00  | D    | 03       |       | DRILLING 6 1/8" HOLE FROM 13,725' - 13,844'. RAISED MUD DENSITY FROM 13.5 LB/GAL TO 14.0. GAS LEVEL DECLINED TO 1180 U. STARTED MIXING BARITE INTO TANKS 2,3 & 4 TO 14.1 LB/GAL.         |
| 1/3/2011 | 05:00 - 06:00 | 1.00  | D    | 05       |       | ACCUMULATED SURVEY AND CONNECTION TIME.  |
|          | 06:00 - 06:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING (  |
|          | 06:15 - 09:00 | 2.75  | D    | 03       |       | DRILLING 6-1/8" HOLE FROM 13,844'-13,904'. RAISING MUD WEIGHT FROM 14.0 TO 14.7 PPG. TO CONTROL GAS.   |
|          | 09:00 - 10:45 | 1.75  | DT   | 57       |       | LOST FULL RETURNS AT 13,904'. MIXED 25% LCM PILL IN PIT #1. WORKED PIPE AND REDUCED PUMP RATE TO 30 SPM WHILE WORKING PIPE CONTINUOUSLY. REGAINED PARTIAL RETURNS AFTER PUMPING 25 BBLS. |
|          | 10:45 - 17:45 | 7.00  | D    | 03       |       | DRILLING 6-1/8" HOLE FROM 13,904'-14,005'  |
|          | 17:45 - 18:00 | 0.25  | D    | 18       |       | ACCUMULATED CONNECTION AND SURVEY TIME.  |
|          | 18:00 - 18:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING - BLOWING DOWN BOILER  |
|          | 18:15 - 00:00 | 5.75  | D    | 03       |       | DRILLING 6 1/8" HOLE F/ 14,005' TO 14,059'.  |
| 1/4/2011 | 00:00 - 05:00 | 5.00  | D    | 03       |       | DRILLING 6 1/8" HOLE F/ 14,059' TO 14,110'.  |
|          | 05:00 - 06:00 | 1.00  | D    | 05       |       | ACCUMULATED SURVEY AND CONNECTION TIME.  |
|          | 06:00 - 06:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING  |
|          | 06:15 - 08:45 | 2.50  | D    | 03       |       | DRILLING 6-1/8" HOLE FROM 14,110' TO 14,139'.  |
|          | 08:45 - 10:00 | 1.25  | D    | 08       |       | CIRCULATE BOTTOMS UP FOR TRIP, WORKING PIPE CONTINUOUSLY.  |
|          | 10:00 - 18:00 | 8.00  | D    | 04       |       | TRIP FOR BIT #15. FLOW CHECKS AT 14,104', 13,719', 7151', 1233', AND 0'  |
|          | 18:00 - 18:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING - TRIP IN HOLE   |
|          | 18:15 - 18:30 | 0.25  | D    | 05       |       | DRAIN MOTOR, BREAK OFF BIT. MAKE UP NEW BIT.   |
|          | 18:30 - 20:45 | 2.25  | D    | 04       |       | TRIP IN HOLE TO 1061' - MAKE UP BHA WITH 2 TBRS  |
|          | 20:45 - 21:30 | 0.75  | D    | 05       |       | LOCATE 3 1/2 ROTATING RUBBER & INSTALL. TEST MWD TOOL.   |

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# EL PASO PRODUCTION Operations Summary Report

Legal Well Name: HORROCKS 4-20A1  
 Common Well Name: HORROCKS 4-20A1  
 Event Name: DRILLING  
 Contractor Name:  
 Rig Name:

Spud Date: 1/20/2010  
 Start: 12/15/2009  
 End:  
 Rig Release:  
 Rig Number:  
 Group:

| Date          | From - To     | Hours | Code | Sub Code | Phase   | Description of Operations  |
|---------------|---------------|-------|------|----------|---|--|
| 1/4/2011      | 20:45 - 21:30 | 0.75  | D    | 05       |   | BLOW TOP DRIVE.  |
|               | 21:30 - 00:00 | 2.50  | D    | 04       |   | TRIP IN HOLE F/ 1061' - 4763'. CIRCULATE, TEST MWD TOOL.   |
|               | 00:00 - 01:00 | 1.00  | D    | 04       |   | TRIP IN HOLE F/ 4763' - 6672'  |
|               | 01:00 - 02:00 | 1.00  | D    | 05       |   | CIRCULATE, TEST MWD TOOL. THAW OUT BUSTER VALVES/<br>LINES. BLOW BACK TOP DRIVE. OUTSIDE TEMPERATURE: -3F.   |
|               | 02:00 - 03:15 | 1.25  | D    | 04       |   | TRIP IN HOLE F/ 6672' - 9502'  |
|               | 03:15 - 03:30 | 0.25  | D    | 05       |   | FILL PIPE, TEST MWD TOOL.  |
|               | 03:30 - 04:00 | 0.50  | D    | 04       |   | TRIP IN HOLE F/ 9502' - 10,480'  |
|               | 04:00 - 05:00 | 1.00  | D    | 08       |   | CIRCULATE BOTTOMS UP AT CASING SHOE.   |
| 1/5/2011      | 05:00 - 06:00 | 1.00  | D    | 04       |   | TRIP IN HOLE F/ 10,480' - 12,000'.   |
|               | 06:00 - 06:15 | 0.25  | D    | 18       |   | PRE TOUR SAFETY MEETING (TRIP IN HOLE)   |
| 1/6/2011      | 06:15 - 13:30 | 7.25  | D    | 07       |   | REAM TO BOTTOM W/ TBR'S IN STRING 12,082' - 14,139'. MIX LCM<br>& BUILD VOLUME DUE TO LOSSES WHEN CIRCULATION<br>STARTED.                              |
|               | 13:30 - 18:00 | 4.50  | D    | 03       |   | PATTERN BIT AND DRILL F/ 14,139' - 14,195'.  |
|               | 18:00 - 18:15 | 0.25  | D    | 18       |   | PRE TOUR SAFETY MEETING (MAKE UP DRILL PIPE IN MOUSE<br>HOLE) SAFETY MEETING W/ RAY GROVER & BOB SADOWAY,<br>PRECISION DRILLING SUPERVISORY PERSONNEL. |
|               | 18:15 - 00:00 | 5.75  | D    | 03       |   | DRILL 6 1/8" HOLE F/ 14,195' - 14,249'.  |
|               | 00:00 - 05:30 | 5.50  | D    | 03       |   | DRILL 6 1/8" HOLE F/ 14,249' - 14,297'.  |
|               | 05:30 - 06:00 | 0.50  | D    | 05       |   | ACCUMULATED SURVEY AND CONNECTION TIME.  |
|               | 06:00 - 06:15 | 0.25  | D    | 18       |   | PRE TOUR SAFETY MEETING  |
|               | 06:15 - 10:45 | 4.50  | D    | 03       |   | DRILLING 6-1/8" HOLE FROM 14,297'-14,350   |
|               | 10:45 - 15:00 | 4.25  | DT   | 69       |   | DRILLING 6-1/8" HOLE FROM 14,350' - 14,391'.   |
|               | 15:00 - 15:15 | 0.25  | DT   | 69       |   | BOP DRILL. WELL SECURE AND MEN IN POSITION IN 100<br>SECONDS.  |
| 1/7/2011      | 15:15 - 15:30 | 0.25  | DT   | 69       |   | LUBRICATE RIG, GREASE BLOCKS, TOP DRIVE, DRAWWORKS,<br>BAYLOR, AND SWIVEL.   |
|               | 15:30 - 17:30 | 2.00  | DT   | 69       |   | DRILLING 6-1/8" HOLE FROM 14,391'-14422'   |
|               | 17:30 - 18:00 | 0.50  | DT   | 69       |   | ACCUMULATED CONNECTION AND SURVEY TIME.  |
|               | 18:00 - 18:15 | 0.25  | DT   | 69       |   | PRE TOUR SAFETY MEETING (TRIP OUT OF HOLE)   |
|               | 18:15 - 21:30 | 3.25  | DT   | 69       |   | DRILLING 6 1/8" HOLE FROM 14,422' - 14,450'.   |
|               | 21:30 - 22:00 | 0.50  | DT   | 60       |   | WORK ON WASH PIPE ON TOP DRIVE.  |
|               | 22:00 - 22:30 | 0.50  | DT   | 60       |   | TRIP 3 STANDS OUT OF HOLE - TIGHT: PULLED 35,000 LB OVER<br>STRING WT. OF 165,000 LB.  |
|               | 22:30 - 23:15 | 0.75  | DT   | 60       |   | CHANGE OUT WASHPIPE.   |
|               | 23:15 - 00:00 | 0.75  | DT   | 60       |   | CIRCULATE AND WORK STANDS BACK IN AFTER REPLACING<br>WASHPIPE.   |
|               | 00:00 - 02:15 | 2.25  | D    | 08       |   | CIRCULATE BOTTOM UP AND CONDITION HOLE.  |
|               | 02:15 - 05:15 | 3.00  | D    | 04       |   | TRIP OUT OF HOLE TO CASING SHOE - WIPER TRIP. FLOW<br>CHECK AT 14,398', 14,014', 10,654'.  |
|               | 05:15 - 06:00 | 0.75  | D    | 18       |   | CHANGE OUT ROTATING RUBBER.  |
| 06:00 - 06:15 | 0.25          | D     | 18   |          | PRE TOUR SAFETY MEETING (REVIEWE JSA #2, SLIP AND CUT<br>DRILLING LINE) |  |
| 1/7/2011      | 06:15 - 07:45 | 1.50  | D    | 18       |   | SLIP AND CUT DRILLING LINE.  |
|               | 07:45 - 08:00 | 0.25  | D    | 06       |   | LUBRICATE RIG, GREASE BLOCKS, SWIVEL, TOP DRIVE.<br>FUNCTION ANNULAR C/O 18 SECONDS.   |
|               | 08:00 - 09:00 | 1.00  | DT   | 56       |   | TRIP IN HOLE FROM 10,608'-11,826'.   |
|               | 09:00 - 15:15 | 6.25  | DT   | 56       |   | WASH BRIDGES FROM 11,826'-12,005'. WASH DOWN STANDS,<br>PICK BACK UP, HOLE FALLING IN. WASH EACH STAND UNTIL<br>ABLE TO LOWER WITH NO PUMP.            |
|               | 15:15 - 18:00 | 2.75  | DT   | 56       |   | FLOW CHECK, PUMP TRIP PILL, TRIP OUT TO LAY DOWN<br>DIRECTIONAL TOOLS AND PICK UP A TOOTH BIT. TRIP OUT FROM   |

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

Legal Well Name: HORROCKS 4-20A1  
 Common Well Name: HORROCKS 4-20A1  
 Event Name: DRILLING  
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 Rig Name:

Spud Date: 1/20/2010  
 Start: 12/15/2009  
 End:  
 Rig Release:  
 Rig Number:

Group:

| Date          | From - To     | Hours | Code | Sub Code | Phase   | Description of Operations   |
|---------------|---------------|-------|------|----------|---|---|
| 1/7/2011      | 15:15 - 18:00 | 2.75  | DT   | 56       |   | 11,912' - 8606'.  |
|               | 18:00 - 18:15 | 0.25  | DT   | 56       |   | PRE TOUR SAFETY MEETING - TRIP OUT OF HOLE.   |
|               | 18:15 - 23:00 | 4.75  | DT   | 56       |   | TRIP OUT OF HOLE FROM 8606'.  |
|               | 23:00 - 23:45 | 0.75  | DT   | 56       |   | LAY DOWN DIRECTIONAL TOOLS.   |
|               | 23:45 - 00:00 | 0.25  | DT   | 56       |   | CLEAN RIG FLOOR AND PREPARE TO RUN IN HOLE W/ MILL TOOTH BIT.   |
|               | 00:00 - 01:45 | 1.75  | DT   | 56       |   | MAKE UP BIT & BHA.  |
|               | 01:45 - 02:00 | 0.25  | DT   | 56       |   | INSTALL ROTATING RUBBER.  |
|               | 02:00 - 03:45 | 1.75  | DT   | 56       |   | TRIP IN HOLE FROM 908' - 5137'.   |
|               | 03:45 - 05:00 | 1.25  | DT   | 56       |   | FILL PIPE, THAW GASBUSTER RETURN LINE, CIRCULATE.   |
|               | 05:00 - 06:00 | 1.00  | DT   | 56       |   | TRIP IN HOLE FROM 5137' - 6400'.  |
| 1/8/2011      | 06:00 - 06:15 | 0.25  | DT   | 56       |   | PRE TOUR SAFETY MEETING (REVIEW JSA #10, TRIPPING IN HOLE)  |
|               | 06:15 - 07:30 | 1.25  | DT   | 56       |   | TRIP IN HOLE TO 10618, CASING SHOE.   |
|               | 07:30 - 08:30 | 1.00  | DT   | 56       |   | BREAK CIRCULATION AND CIRCULATE BOTTOMS UP.   |
|               | 08:30 - 08:45 | 0.25  | D    | 06       |   | LUBRICATE RIG, GREASE BLOCKS, DRAWWORKS, BAYLOR, SWIVEL, AND TOP DRIVE. FUNCTION ANNULAR C/O 18 SECONDS.                        |
|               | 08:45 - 09:45 | 1.00  | D    | 04       |   | TRIP IN HOLE TO 11,932'   |
|               | 09:45 - 18:00 | 8.25  | D    | 07       |   | WASH AND REAM BRIDGES FROM 11,932'-12,330'. REAMING DOWN EACH STAND UNTIL ABLE TO GO DOWN WITH NO PUMP WITHOUT ANY RESTRICTION. |
|               | 18:00 - 18:15 | 0.25  | D    | 18       |   | PRE TOUR SAFETY MEETING, CHECK CROWN SAVERS   |
|               | 18:15 - 20:45 | 2.50  | D    | 07       |   | WASH AND REAM BRIDGES FROM 12,330'-12,521'. REAMING DOWN EACH STAND UNTIL ABLE TO GO DOWN WITH NO PUMP WITHOUT ANY RESTRICTION. |
|               | 20:45 - 21:00 | 0.25  | D    | 08       |   | CIRCULATE AND PREPARE FOR WIPER TRIP TO CASING SHOE.  |
|               | 21:00 - 22:15 | 1.25  | D    | 04       |   | HOIST TO CASING SHYOW (10640') & FLOW CHECK.  |
| 1/9/2011      | 22:15 - 23:30 | 1.25  | D    | 04       |   | TRIP IN TO 12, 521'.  |
|               | 23:30 - 02:30 | 3.00  | D    | 07       |   | WASH AND REAM BRIDGES FROM 12,521'-13,088'. REAMING DOWN EACH STAND UNTIL ABLE TO GO DOWN WITH NO PUMP WITHOUT ANY RESTRICTION. |
|               | 02:30 - 03:15 | 0.75  | D    | 04       |   | TRIP IN FROM 13,088' TO 13,900'. HIT BRIDGE.  |
|               | 03:15 - 04:30 | 1.25  | D    | 07       |   | WASH AND REAM BRIDGES FROM 13,900'-14,450'. REAMING DOWN EACH STAND UNTIL ABLE TO GO DOWN WITH NO PUMP WITHOUT ANY RESTRICTION. |
|               | 04:30 - 06:00 | 1.50  | D    | 08       |   | CIRCULATE BOTTOMS UP AND CONDITION MUD.   |
|               | 06:00 - 06:15 | 0.25  | D    | 18       |   | PRE TOUR SAFETY MEETING (REVIEW JSA #9 TRIPPING OUT OF THE HOLE.)   |
|               | 06:15 - 07:30 | 1.25  | D    | 08       |   | CIRCULATE AND CONDITION HOLE FOR LOGS, WORKING PIPE CONSTANTLY.   |
|               | 07:30 - 14:00 | 6.50  | D    | 04       |   | PULL 5 STANDS, FLOW CHECK, TRIP OUT OF HOLE FROM 13,986 TO 940'.  |
|               | 14:00 - 14:15 | 0.25  | D    | 06       |   | LUBRICATE RIG, GREASE BLOCKS, SWIVEL, TOP DRIVE, DRAWWORKS,, FUNCTION ANNULAR C/O 18 SECONDS.                                   |
|               | 14:15 - 16:00 | 1.75  | D    | 04       |   | TRIP OUT OF HOLE FROM 940' TO SURFACE.  |
| 16:00 - 18:00 | 2.00          | D     | 11   |          | PJSM WITH HALLIBURTON AND RIG CREWS. RIG UP LOGGERS.  |   |
| 18:00 - 18:15 | 0.25          | D     | 18   |          | PRE JOB SAFETY MEETING. LOGGING.  |   |
| 18:15 - 00:00 | 5.75          | D     | 11   |          | RUN WIRELINE LOGS. (GETE-DSN-SDL-IDT-ICT-WSTT-ACRT). LOGS ON BOTTOM AT 20.40 HR, <b>LOGGER T.D.:14,436'</b> NOTE: WHILE WORKING TOOLS BELOW INTERMEDIATE CASING SHOE, AIR STRIPPER AND THE STAND IT WAS POSITIONED ON WERE LIFTED APPROXIMATELY 30 FT IN THE AIR. THE STAND FELL AND BROKE INTO PIECES. ONE 35" LONG PIECE OF ALUMINUM 2" |   |

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Operations Summary Report

Legal Well Name: HORROCKS 4-20A1  
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| Date          | From - To     | Hours | Code | Sub Code | Phase   | Description of Operations   |
|---------------|---------------|-------|------|----------|---|---|
| 1/9/2011      | 18:15 - 00:00 | 5.75  | D    | 11       |   | SQUARE TUBING COULD NOT BE LOCATED.   |
|               | 00:00 - 01:45 | 1.75  | D    | 11       |   | CONTINUE LOGGING WITH HALLIBURTON. AT 01:45 HR LOGGING TOOLS BECAME JAMMED IN CASING AT APPROX. 1200 FT, IN CONNECTION WITH FOREIGN MATERIAL. |
|               | 01:45 - 06:00 | 4.25  | DT   | 58       |   | LOGGING TOOLS STUCK IN CASING. WAIT FOR WEATHERFORD FISHING EQUIPMENT AND PERSONNEL.  |
| 1/10/2011     | 06:00 - 06:15 | 0.25  | DT   | 67       |   | PRE TOUR SAFETY MEETING (REVIEW JSA #1, DRIVING TO AND FROM WORK)   |
|               | 06:15 - 10:00 | 3.75  | DT   | 67       |   | WAIT ON FISHING TOOLS   |
|               | 10:00 - 10:15 | 0.25  | DT   | 67       |   | PRE JOB SAFETY MEETING WITH HALLIBURTON, WEATHERFORD, AND PRECISION.  |
|               | 10:15 - 11:30 | 1.25  | DT   | 58       |   | CUT LINE AND INSTALL ROPE SOCKET.   |
|               | 11:30 - 12:00 | 0.50  | DT   | 58       |   | HANG TOP SHEAVE.  |
|               | 12:00 - 15:30 | 3.50  | DT   | 58       |   | MAKE UP FISHING TOOLS.  |
|               | 15:30 - 16:45 | 1.25  | DT   | 60       |   | WELL READY TO SHUT IN AND WAIT ON WELDER.   |
|               | 16:45 - 17:00 | 0.25  | DT   | 67       |   | HELD SAFETY MEETING W/ WELDER & RIG CREW.   |
|               | 17:00 - 18:00 | 1.00  | DT   | 60       |   | SHUT IN WELL & WELD MONKEY BOARD PADS.  |
|               | 18:00 - 18:15 | 0.25  | DT   | 67       |   | PRE TOUR SAFETY MEETING - FALL PROTECTION.  |
|               | 18:15 - 01:00 | 6.75  | DT   | 60       |   | REPAIR MONKEY BOARD.  |
|               | 01:00 - 01:15 | 0.25  | DT   | 58       |   | SAFETY MEETING - CUT & THREAD FISHING FOR LOGGING TOOLS.  |
|               | 01:15 - 02:00 | 0.75  | DT   | 58       |   | OPEN WELL, NO FLOW, CHANGE OUT ROPE SOCKET.   |
|               | 02:00 - 03:45 | 1.75  | DT   | 58       |   | STRIP WIRELINE THROUGH DRILLSTRING TO 905'.   |
|               | 03:45 - 04:45 | 1.00  | DT   | 58       |   | FISHING - TRY TO DETERMINE LOCATION OF FISH.  |
| 04:45 - 05:30 | 0.75          | DT    | 58   |          | ASSESS SITUATION, CONSULT WITH DRILLING SUPERINTENDENT.                           |   |
| 1/11/2011     | 05:30 - 06:00 | 0.50  | DT   | 58       |   | WORK WIRELINE AND FEEL FOR FISH. PREPARE TO CONTINUE RUNNING IN TO TOP OF FISH.   |
|               | 06:00 - 06:15 | 0.25  | DT   | 58       |   | PRE TOUR SAFETY MEETING   |
|               | 06:15 - 07:45 | 1.50  | DT   | 58       |   | TIH CUT AND THREAD TO 905'  |
|               | 07:45 - 08:00 | 0.25  | DT   | 58       |   | BREAK CIRCULATION AND CIRCULATE HOLE CLEAN.   |
|               | 08:00 - 12:15 | 4.25  | DT   | 58       |   | TIH CUT AND THREAD TO TOP OF FISH.  |
|               | 12:15 - 12:30 | 0.25  | DT   | 58       |   | WORK OVER TOP OF FISH. SET DOWN ON FISH, PULLED 6000 OVER, FISH SEEMED TO SLIP FREE. PULLED UP , WIRELINE COMING UP WITH DRILL PIPE.          |
|               | 12:30 - 18:00 | 5.50  | DT   | 58       |   | TRIP OUT OF HOLE USING TEE BARS TO KEEP WIRELINE AND FISH SUSPENDED.  |
|               | 18:00 - 18:15 | 0.25  | DT   | 58       |   | PRE TOUR SAFETY MEETING. STRIP OUT WIRELINE.  |
|               | 18:15 - 19:45 | 1.50  | DT   | 58       |   | STRIP WIRELINE THROUGH STRING, OUT OF HOLE.   |
|               | 19:45 - 20:00 | 0.25  | DT   | 58       |   | SAFETY MEETING - HANDLING FISHING AND LOGGING TOOLS W/ TUGGER, RADIOACTIVE SOURCE. RECOVERY OF JUNK IN HOLE.                                  |
|               | 20:00 - 20:45 | 0.75  | DT   | 58       |   | RETRIEVE JUNK FROM TOP OF LOGGING TOOLS.  |
|               | 20:45 - 22:15 | 1.50  | DT   | 58       |   | LAY OUT LOGGING TOOLS.  |
|               | 22:15 - 23:00 | 0.75  | DT   | 58       |   | LAY OUT FISHING TOOLS.  |
|               | 23:00 - 23:15 | 0.25  | D    | 18       |   | SAFETY MEETING - TRIP IN HOLE.  |
|               | 23:15 - 01:00 | 1.75  | D    | 04       |   | MAKE UP BHA, TRIP IN TO 976'.   |
| 01:00 - 02:00 | 1.00          | D     | 04   |          | INSTALL ROTATING RUBBER, FILL PIPE, THAW SHAKERS, CIRCULATE TO ENSURE CLEAR FLOW. |   |
| 02:00 - 03:45 | 1.75          | D     | 04   |          | TRIP IN HOLE F/ 976' - 5515'  |   |
| 03:45 - 05:00 | 1.25          | D     | 04   |          | FLOW CHECK, FILL PIPE, THAW BUSTER DISCHARGE LINE & CIRCULATE GAS BUSTER.         |   |
| 05:00 - 05:45 | 0.75          | D     | 04   |          | TRIP IN HOLE F/ 5515' - 6800'.  |   |
| 05:45 - 06:00 | 0.25          | D     | 09   |          | BOP DRILL WHILE TRIPPING W/ CREW.   |   |

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

Legal Well Name: HORROCKS 4-20A1  
 Common Well Name: HORROCKS 4-20A1  
 Event Name: DRILLING  
 Contractor Name:  
 Rig Name:

Spud Date: 1/20/2010  
 Start: 12/15/2009  
 Rig Release:  
 Rig Number:

End:  
 Group:

| Date      | From - To     | Hours | Code | Sub Code | Phase | Description of Operations   |
|-----------|---------------|-------|------|----------|-------|---|
| 1/12/2011 | 06:00 - 06:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING (REVIEW JSA #8, TRIPPING IN HOLE.)                      |
|           | 06:15 - 07:30 | 1.25  | D    | 04       |       | TRIP IN HOLE FROM 6800' TO 10,602'.   |
|           | 07:30 - 07:45 | 0.25  | D    | 18       |       | HELD BOP DRILL, WELL SECURE , OPEN HCR, 3 SECONDS-CLOSE ANNULAR 18 SECONDS.     |
|           | 07:45 - 09:00 | 1.25  | D    | 08       |       | CIRCULATE BOTTOMS UP AT SHOE  |
|           | 09:00 - 09:15 | 0.25  | D    | 18       |       | BLOW KELLY HOSE AND STAND PIPE  |
|           | 09:15 - 09:30 | 0.25  | D    | 18       |       | PJSM ON SLIP AND CUT  |
|           | 09:30 - 10:15 | 0.75  | D    | 18       |       | SLIP AND CUT DRILLING LINE (81')  |
|           | 10:15 - 10:30 | 0.25  | D    | 06       |       | LUBRICATE RIG   |
|           | 10:30 - 11:30 | 1.00  | D    | 04       |       | TRIP IN HOLE TO 12,492.   |
|           | 11:30 - 13:00 | 1.50  | D    | 07       |       | WASH FROM 12,492 TO 13,240'.  |
|           | 13:00 - 15:45 | 2.75  | D    | 04       |       | TRIP IN HOLE, WASH LAST 2 STANDS TO BOTTOM, NO FILL. CIRCULATE BOTTOMS UP GAS.  |
|           | 15:45 - 18:00 | 2.25  | D    | 04       |       | TRIP OUT OF HOLE F/ 14450' - 14059'. DROP DRIFT. TRIP OUT FROM 14059' - 13195'. |
|           | 18:00 - 18:15 | 0.25  | D    | 18       |       | PRE TOUR SAFETY MEETING - INCIDENT REVIEWS                                      |
|           | 18:15 - 19:45 | 1.50  | D    | 04       |       | TRIP OUT OF HOLE FROM 14240' - 10600'/  |
|           | 19:45 - 20:15 | 0.50  | D    | 04       |       | FLOW CHECK, PUMP CELLAR, PULL ROTATING HEAD WHEN PIPE WOULD NOT PULL DRY.       |
|           | 20:15 - 21:15 | 1.00  | D    | 04       |       | TRIP OUT OF HOLE FROM 10600' - 9765'.   |
|           | 21:15 - 22:15 | 1.00  | DT   | 60       |       | CLEAN UP DIESEL SPILL AROUND TOP DRIVE POWER UNIT.                              |
|           | 22:15 - 00:00 | 1.75  | D    | 04       |       | TRIP OUT OF HOLE FROM 9765' - 7289'. FLOW CHECKS 10600, 7286'.                  |
|           | 00:00 - 04:30 | 4.50  | D    | 04       |       | TRIP OUT OF HOLE FROM 7289' - 709". FLOW CHECK AT 935'.                         |
|           | 04:30 - 04:45 | 0.25  | D    | 18       |       | SAFETY MEETING - LAY OUT DRILL COLLARS.   |
|           | 04:45 - 06:00 | 1.25  | D    | 04       |       | LAY OUT DRILL COLLARS.  |

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**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   |
|-----------------|-----------------------|-------------------|------------|-----|-----|----------------------------------|----------|
| 4301350155      | Horrocks 4-20A1       |                   | SESW       | 20  | 1S  | 1W                               | DUCHESNE |
| Action Code     | Current Entity Number | New Entity Number | Spud Date  |     |     | Entity Assignment Effective Date |          |
| A               | 99999                 | 17916             | 12/29/2009 |     |     | 1/13/2011                        |          |
| Comments: GR-WS |                       |                   |            |     |     | <b>CONFIDENTIAL</b>              |          |

**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

1/13/2011

Title

Date

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DIV. OF OIL, GAS & MINING

|  |  |   |
|--|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  |  | <b>FORM 9</b>   |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>FEE |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.           |  | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>          |
|  |  | <b>7. UNIT or CA AGREEMENT NAME:</b>                  |
| <b>1. TYPE OF WELL</b><br>Oil Well   | <b>8. WELL NAME and NUMBER:</b><br>HORROCKS 4-20A1                         |   |
| <b>2. NAME OF OPERATOR:</b><br>EL PASO E&P COMPANY, LP   | <b>9. API NUMBER:</b><br>43013501550000                                    |   |
| <b>3. ADDRESS OF OPERATOR:</b><br>1099 18th ST, STE 1900 , Denver, CO, 80202   | <b>PHONE NUMBER:</b><br>303 291-6417 Ext                                   | <b>9. FIELD and POOL or WILDCAT:</b><br>BLUEBELL      |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0673 FSL 1963 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SESW Section: 20 Township: 01.0S Range: 01.0W Meridian: U  | <b>COUNTY:</b><br>DUCHESNE   |   |
|  |  | <b>STATE:</b><br>UTAH                                 |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  |  |   |
| <b>TYPE OF SUBMISSION</b>  | <b>TYPE OF ACTION</b>  |   |
| <input type="checkbox"/> NOTICE OF INTENT<br>Approximate date work will start:   | <input type="checkbox"/> ACIDIZE   |   |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS                          |   |
| <input type="checkbox"/> SPUD REPORT<br>Date of Spud:  | <input type="checkbox"/> CHANGE WELL STATUS                                |   |
| <input checked="" type="checkbox"/> DRILLING REPORT<br>Report Date:<br>3/2/2011  | <input type="checkbox"/> DEEPEN  |   |
|  | <input type="checkbox"/> OPERATOR CHANGE                                   |   |
|  | <input checked="" type="checkbox"/> PRODUCTION START OR RESUME             |   |
|  | <input type="checkbox"/> REPERFORATE CURRENT FORMATION                     |   |
|  | <input type="checkbox"/> TUBING REPAIR                                     |   |
|  | <input type="checkbox"/> WATER SHUTOFF                                     |   |
|  | <input type="checkbox"/> WILDCAT WELL DETERMINATION                        |   |
|  | <input type="checkbox"/> ALTER CASING                                      |   |
|  | <input type="checkbox"/> CHANGE TUBING                                     |   |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS                    |   |
|  | <input type="checkbox"/> FRACTURE TREAT                                    |   |
|  | <input type="checkbox"/> PLUG AND ABANDON                                  |   |
|  | <input type="checkbox"/> RECLAMATION OF WELL SITE                          |   |
|  | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                          |   |
|  | <input type="checkbox"/> VENT OR FLARE                                     |   |
|  | <input type="checkbox"/> SI TA STATUS EXTENSION                            |   |
|  | <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/> |   |
| <b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b><br>Date of first water production 3/2/11. Date of first gas production 3/4/2011.<br>Date of first oil production 3/5/2011. |  |   |
| <b>Accepted by the<br/>         Utah Division of<br/>         Oil, Gas and Mining<br/>         FOR RECORD ONLY</b>   |  |   |
| <b>NAME (PLEASE PRINT)</b><br>Marie Okeefe   | <b>PHONE NUMBER</b><br>303 291-6417  | <b>TITLE</b><br>Sr Regulatory Analyst                 |
| <b>SIGNATURE</b><br>N/A  | <b>DATE</b><br>3/28/2011   |   |

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

DIV. OF OIL, GAS & MINING (Amended Report) FORM 8

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 [ ]
2. NAME OF OPERATOR: El Paso E & P Company, L.P.
3. ADDRESS OF OPERATOR: 1099 18th St Ste 1900 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 291-6417
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1141 FSL 1354 FWL 0673 FSL 1963 FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: same
AT TOTAL DEPTH: same 0722 FSL 2181 FWL
14. DATE SPUNDED: 12/29/2009 15. DATE T.D. REACHED: 1/6/2011 16. DATE COMPLETED: 5/3/2011
17. ELEVATIONS (DF, RKB, RT, GL): 5472 GL
18. TOTAL DEPTH: MD 14450 TVD 14442 19. PLUG BACK T.D.: MD 14350 TVD 14342.3
20. IF MULTIPLE COMPLETIONS, HOW MANY? \* N/A
21. DEPTH BRIDGE MD PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Quad Combo, CBL, GR, CCL
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 (#/R.), 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 GR-WS (Case #139-84)
Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD), INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS

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

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

|                                  |                  |                         |                     |                     |                       |                           |                   |                   |                     |                          |
|----------------------------------|------------------|-------------------------|---------------------|---------------------|-----------------------|---------------------------|-------------------|-------------------|---------------------|--------------------------|
| DATE FIRST PRODUCED:<br>3/2/2011 |                  | TEST DATE:<br>4/19/2011 |                     | HOURS TESTED:<br>24 |                       | TEST PRODUCTION RATES: →  | OIL - BBL:<br>25  | GAS - MCF:<br>276 | WATER - BBL:<br>642 | PROD. METHOD:<br>flw     |
| CHOKE SIZE:<br>16                | TBG. PRESS.<br>0 | CSG. PRESS.<br>1700     | API GRAVITY<br>52.9 | BTU - GAS<br>.769   | GAS/OIL RATIO<br>.879 | 24 HR PRODUCTION RATES: → | OIL - BBL:<br>430 | GAS - MCF:<br>378 | WATER - BBL:<br>643 | INTERVAL STATUS:<br>open |

INTERVAL B (As shown in Item #26)

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

INTERVAL C (As shown in Item #26)

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

INTERVAL D (As shown in Item #26)

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

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

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

| Formation | Top (MD) | Bottom (MD) | Descriptions, Contents, etc.           | Name | Top (Measured Depth) |
|-----------|----------|-------------|--|------|----------------------|
| GRRV      | 6170     | 7450        | Stacked SS, siltstone, shale, dolo, LS |      |                      |
| GRTN1     | 7450     | 8180        | Stacked SS, siltstone, shale, dolo, LS |      |                      |
| GRMHB     | 8180     | 9400        | Stacked SS, siltstone, shale, dolo, LS |      |                      |
| TGR3      | 9400     | 10459       | Stacked SS, siltstone, shale, dolo, LS |      |                      |
| WASATCH   | 10459    | 14450       | Stacked SS, siltstone, shale, dolo, LS |      |                      |

35. ADDITIONAL REMARKS (include plugging procedure)

4/19/2011 production completion test after all 7 stage fracs complete.

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

NAME (PLEASE PRINT) Marie OKeefe

TITLE Sr. Regulatory Analyst

SIGNATURE *Marie OKeefe*

DATE 5/4/2011

This report must be submitted within 30 days of

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

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

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

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

Phone: 801-538-5340

Fax: 801-359-3940

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ADDITIONAL TO FORM 8

Horrocks 4-20A1      4301350155  
El Paso E&P  
5/4/2011

| ITEM 27(CONT) | PERFORATION RECORD |           |                    |      |
|---------------|--------------------|-----------|--------------------|------|
| INTERVAL      | SIZE               | NO. HOLES | PERFORATION STATUS |      |
| 4             | 13412-13182        | 0.34      | 51                 | OPEN |
| 5             | 13120-12352        | 0.34      | 204                | OPEN |
| 6             | 12807-12683        | 0.34      | 163                | OPEN |
| 7             | 12641-12350        | 0.34      | 286                | OPEN |

|                |  |
|----------------|--|
| ITEM 28 (CONT) | ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE ETC. |
|----------------|--|

| DEPTH INTERVAL | AMOUNT AND TYPE MATERIAL  |
|----------------|---|
| 4              | 13412-13182      5000 GAL 15% HCL, 5000# 100 mesh sand, 95268# 20/40 terra prop 4/14/2011   |
| 5              | 13120-12352      5000 GAL 15% HCL, 9500# 100 mesh sand, 113433# 20/40 terra prop 4/16/2011  |
| 6              | 12807-12683      5000 GAL 15% HCL, 13000# 100 mesh sand, 122423# 20/40 terra prop 4/16/2011 |
| 7              | 12641-12350      5000 GAL 15% HCL, 10000# 100 mesh sand, 134756# 20/40 terra prop 4/17/2011 |

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EL PASO PRODUCTION

DIV. OF OIL, GAS & MINING

Deviation Summary

|                     |                          |                                       |            |       |              |
|---------------------|--------------------------|---------------------------------------|------------|-------|--------------|
| Legal Well Name:    | HORROCKS 4-20A1          | Spud Date:                            | 1/20/2010  | S/T # | V.S. AZI (°) |
| Common Well Name:   | HORROCKS 4-20A1          | Start:                                | 12/15/2009 | OH    | 0.000        |
| Event Name:         | DRILLING                 | End:                                  | 1/16/2011  |       |              |
| Contractor Name:    | PRECISION DRILLING TRUST | Rig Release:                          | 1/16/2011  |       |              |
| Rig Name:           | PRECISION                | Rig Number:                           | 406        |       |              |
| TMD: 14,243.00 (ft) | TVD: 14,235.65 (ft)      | Calculation Method: Minimum Curvature |            |       |              |

| S/T # | TMD (ft) | Angle (°) | Azimuth (°) | CTM | TVD (ft) | N-S (ft) | E-W (ft) | Section (ft) | DLS (%/100ft) | BUR (%/100ft) | Type |
|-------|----------|-----------|-------------|-----|----------|----------|----------|--------------|---------------|---------------|------|
| OH    | 0.00     | 0.000     | 0.000       | NNN | 0.00     | 0.00     | 0.00     | 0.00         | 0.00          | 0.00          | INC  |
| OH    | 120.00   | 0.500     | 0.000       | NNN | 0.00     | 0.00     | 0.00     | 0.00         | 0.00          | 0.00          | INC  |
| OH    | 240.00   | 0.000     | 0.000       | NNN | 0.00     | 0.00     | 0.00     | 0.00         | 0.00          | 0.00          | INC  |
| OH    | 510.00   | 0.250     | 0.000       | NNN | 0.00     | 0.00     | 0.00     | 0.00         | 0.00          | 0.00          | INC  |
| OH    | 840.00   | 1.000     | 0.000       | NNN | 0.00     | 0.00     | 0.00     | 0.00         | 0.00          | 0.00          | INC  |
| OH    | 1,108.00 | 0.750     | 0.000       | NNN | 0.00     | 0.00     | 0.00     | 0.00         | 0.00          | 0.00          | INC  |
| OH    | 1,424.00 | 0.500     | 0.000       | NNN | 0.00     | 0.00     | 0.00     | 0.00         | 0.00          | 0.00          | INC  |
| OH    | 1,733.00 | 0.750     | 0.000       | NNN | 0.00     | 0.00     | 0.00     | 0.00         | 0.00          | 0.00          | INC  |
| OH    | 2,134.00 | 0.500     | 0.000       | NNN | 0.00     | 0.00     | 0.00     | 0.00         | 0.00          | 0.00          | INC  |
| OH    | 2,772.00 | 1.000     | 0.000       | NNN | 0.00     | 0.00     | 0.00     | 0.00         | 0.00          | 0.00          | INC  |
| OH    | 3,245.00 | 0.250     | 0.000       | NNN | 0.00     | 0.00     | 0.00     | 0.00         | 0.00          | 0.00          | INC  |
| OH    | 3,609.00 | 1.000     | 0.000       | NNN | 0.00     | 0.00     | 0.00     | 0.00         | 0.00          | 0.00          | INC  |
| OH    | 4,111.00 | 0.250     | 0.000       | NNN | 0.00     | 0.00     | 0.00     | 0.00         | 0.00          | 0.00          | INC  |
| OH    | 4,573.00 | 0.500     | 221.800     | NNN | 0.00     | 0.00     | 0.00     | 0.00         | 0.00          | 0.00          | INC  |
| OH    | 4,573.00 | 0.500     | 0.000       | YNN | 4,573.72 | -3.80    | -4.89    | 19.95        | 0.01          | 0.01          | MWD  |
| OH    | 4,955.00 | 0.400     | 221.800     | YNN | 4,955.71 | -3.13    | -5.78    | -3.13        | 0.22          | -0.03         | MWD  |
| OH    | 5,027.00 | 0.700     | 308.400     | YNN | 5,027.71 | -3.04    | -6.29    | -3.04        | 1.09          | 0.42          | MWD  |
| OH    | 5,111.00 | 1.500     | 348.700     | YNN | 5,111.70 | -1.64    | -6.91    | -1.64        | 1.27          | 0.95          | MWD  |
| OH    | 5,173.00 | 2.100     | 5.400       | YNN | 5,173.67 | 0.28     | -6.96    | 0.28         | 1.28          | 0.97          | MWD  |
| OH    | 5,266.00 | 2.700     | 10.800      | YNN | 5,266.59 | 4.13     | -6.39    | 4.13         | 0.69          | 0.65          | MWD  |
| OH    | 5,326.00 | 3.400     | 16.200      | YNN | 5,326.50 | 7.23     | -5.63    | 7.23         | 1.26          | 1.17          | MWD  |
| OH    | 5,393.00 | 3.800     | 20.600      | YNN | 5,393.37 | 11.21    | -4.29    | 11.21        | 0.73          | 0.60          | MWD  |
| OH    | 5,457.00 | 4.700     | 20.200      | YNN | 5,457.19 | 15.66    | -2.64    | 15.66        | 1.41          | 1.41          | MWD  |
| OH    | 5,514.00 | 4.700     | 23.400      | YNN | 5,514.00 | 19.99    | -0.91    | 19.99        | 0.46          | 0.00          | MWD  |
| OH    | 5,576.00 | 4.000     | 25.500      | YNN | 5,575.82 | 24.28    | 1.03     | 24.28        | 1.16          | -1.13         | MWD  |
| OH    | 5,638.00 | 3.600     | 26.900      | YNN | 5,637.68 | 27.96    | 2.84     | 27.96        | 0.66          | -0.65         | MWD  |
| OH    | 5,700.00 | 4.000     | 25.300      | YNN | 5,699.55 | 31.66    | 4.65     | 31.66        | 0.67          | 0.65          | MWD  |
| OH    | 5,797.00 | 3.100     | 33.400      | YNN | 5,796.36 | 36.90    | 7.54     | 36.90        | 1.06          | -0.93         | MWD  |



EL PASO PRODUCTION

Deviation Summary

|                     |                          |                                       |            |       |              |
|---------------------|--------------------------|---------------------------------------|------------|-------|--------------|
| Legal Well Name:    | HORROCKS 4-20A1          | Spud Date:                            | 1/20/2010  | S/T # | V.S. AZI (°) |
| Common Well Name:   | HORROCKS 4-20A1          | Start:                                | 12/15/2009 | OH    | 0.000        |
| Event Name:         | DRILLING                 | End:                                  | 1/16/2011  |       |              |
| Contractor Name:    | PRECISION DRILLING TRUST | Rig Release:                          | 1/16/2011  |       |              |
| Rig Name:           | PRECISION                | Rig Number:                           | 406        |       |              |
| TMD: 14,243.00 (ft) | TVD: 14,235.65 (ft)      | Calculation Method: Minimum Curvature |            |       |              |

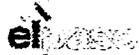
| S/T # | TMD (ft) | Angle (°) | Azimuth (°) | CTM | TVD (ft) | N-S (ft) | E-W (ft) | Section (ft) | DLS (°/100ft) | BUR (°/100ft) | Type |
|-------|----------|-----------|-------------|-----|----------|----------|----------|--------------|---------------|---------------|------|
| OH    | 5,889.00 | 3.300     | 43.700      | YNN | 5,888.22 | 40.90    | 10.74    | 40.90        | 0.66          | 0.22          | MWD  |
| OH    | 5,981.00 | 2.900     | 49.000      | YNN | 5,980.08 | 44.34    | 14.32    | 44.34        | 0.53          | -0.43         | MWD  |
| OH    | 6,427.00 | 1.000     | 94.100      | YNN | 6,425.82 | 51.46    | 26.72    | 51.46        | 0.52          | -0.43         | MWD  |
| OH    | 6,444.00 | 0.900     | 112.200     | YNN | 6,442.82 | 51.40    | 26.99    | 51.40        | 1.85          | -0.59         | MWD  |
| OH    | 6,540.00 | 1.500     | 77.600      | YNN | 6,538.80 | 51.38    | 28.92    | 51.38        | 0.95          | 0.63          | MWD  |
| OH    | 6,633.00 | 1.800     | 64.700      | YNN | 6,631.76 | 52.27    | 31.43    | 52.27        | 0.51          | 0.32          | MWD  |
| OH    | 6,727.00 | 1.700     | 54.200      | YNN | 6,725.72 | 53.72    | 33.89    | 53.72        | 0.36          | -0.11         | MWD  |
| OH    | 6,820.00 | 1.600     | 55.600      | YNN | 6,818.68 | 55.26    | 36.08    | 55.26        | 0.12          | -0.11         | MWD  |
| OH    | 6,913.00 | 1.400     | 52.300      | YNN | 6,911.65 | 56.69    | 38.05    | 56.69        | 0.23          | -0.22         | MWD  |
| OH    | 7,006.00 | 1.000     | 67.100      | YNN | 7,004.63 | 57.70    | 39.70    | 57.70        | 0.54          | -0.43         | MWD  |
| OH    | 7,099.00 | 0.400     | 73.400      | YNN | 7,097.62 | 58.10    | 40.76    | 58.10        | 0.65          | -0.65         | MWD  |
| OH    | 7,192.00 | 1.300     | 38.300      | YNN | 7,190.61 | 59.03    | 41.72    | 59.03        | 1.07          | 0.97          | MWD  |
| OH    | 7,286.00 | 2.000     | 34.200      | YNN | 7,284.57 | 61.22    | 43.31    | 61.22        | 0.75          | 0.74          | MWD  |
| OH    | 7,378.00 | 1.500     | 32.100      | YNN | 7,376.53 | 63.57    | 44.85    | 63.57        | 0.55          | -0.54         | MWD  |
| OH    | 7,471.00 | 1.400     | 63.600      | YNN | 7,469.50 | 65.10    | 46.51    | 65.10        | 0.85          | -0.11         | MWD  |
| OH    | 7,564.00 | 1.800     | 77.300      | YNN | 7,562.46 | 65.93    | 48.96    | 65.93        | 0.59          | 0.43          | MWD  |
| OH    | 7,656.00 | 1.800     | 73.600      | YNN | 7,654.42 | 66.66    | 51.75    | 66.66        | 0.13          | 0.00          | MWD  |
| OH    | 7,749.00 | 2.500     | 58.900      | YNN | 7,747.35 | 68.12    | 54.89    | 68.12        | 0.95          | 0.75          | MWD  |
| OH    | 7,842.00 | 3.100     | 58.600      | YNN | 7,840.24 | 70.47    | 58.77    | 70.47        | 0.65          | 0.65          | MWD  |
| OH    | 7,935.00 | 3.000     | 74.100      | YNN | 7,933.11 | 72.45    | 63.26    | 72.45        | 0.89          | -0.11         | MWD  |
| OH    | 8,028.00 | 1.700     | 86.500      | YNN | 8,026.03 | 73.20    | 66.98    | 73.20        | 1.49          | -1.40         | MWD  |
| OH    | 8,121.00 | 2.200     | 47.000      | YNN | 8,118.98 | 74.50    | 69.66    | 74.50        | 1.50          | 0.54          | MWD  |
| OH    | 8,215.00 | 3.100     | 18.000      | YNN | 8,212.88 | 78.15    | 71.76    | 78.15        | 1.69          | 0.96          | MWD  |
| OH    | 8,309.00 | 4.700     | 7.400       | YNN | 8,306.66 | 84.39    | 73.05    | 84.39        | 1.86          | 1.70          | MWD  |
| OH    | 8,402.00 | 5.500     | 2.000       | YNN | 8,399.30 | 92.62    | 73.69    | 92.62        | 1.00          | 0.86          | MWD  |
| OH    | 8,495.00 | 5.600     | 359.500     | YNN | 8,491.86 | 101.61   | 73.81    | 101.61       | 0.28          | 0.11          | MWD  |
| OH    | 8,587.00 | 4.600     | 6.700       | YNN | 8,583.50 | 109.76   | 74.20    | 109.76       | 1.29          | -1.09         | MWD  |
| OH    | 8,681.00 | 3.800     | 6.400       | YNN | 8,677.24 | 116.60   | 74.99    | 116.60       | 0.85          | -0.85         | MWD  |



Deviation Summary

|                     |                          |                                       |            |       |              |
|---------------------|--------------------------|---------------------------------------|------------|-------|--------------|
| Legal Well Name:    | HORROCKS 4-20A1          | Spud Date:                            | 1/20/2010  | S/T # | V.S. AZI (°) |
| Common Well Name:   | HORROCKS 4-20A1          | Start:                                | 12/15/2009 | OH    | 0.000        |
| Event Name:         | DRILLING                 | End:                                  | 1/16/2011  |       |              |
| Contractor Name:    | PRECISION DRILLING TRUST | Rig Release:                          | 1/16/2011  |       |              |
| Rig Name:           | PRECISION                | Rig Number:                           | 406        |       |              |
| TMD: 14,243.00 (ft) | TVD: 14,235.65 (ft)      | Calculation Method: Minimum Curvature |            |       |              |

| S/T # | TMD (ft)  | Angle (°) | Azimuth (°) | CTM | TVD (ft)  | N-S (ft) | E-W (ft) | Section (ft) | DLS (°/100ft) | BUR (°/100ft) | Type |
|-------|-----------|-----------|-------------|-----|-----------|----------|----------|--------------|---------------|---------------|------|
| OH    | 8,778.00  | 2.600     | 4.000       | YNN | 8,774.09  | 121.99   | 75.50    | 121.99       | 1.24          | -1.24         | MWD  |
| OH    | 8,872.00  | 2.300     | 7.300       | YNN | 8,868.00  | 125.99   | 75.89    | 125.99       | 0.35          | -0.32         | MWD  |
| OH    | 8,966.00  | 2.900     | 4.600       | YNN | 8,961.91  | 130.23   | 76.32    | 130.23       | 0.65          | 0.64          | MWD  |
| OH    | 9,057.00  | 1.500     | 20.300      | YNN | 9,052.84  | 133.64   | 76.92    | 133.64       | 1.66          | -1.54         | MWD  |
| OH    | 9,151.00  | 1.000     | 39.000      | YNN | 9,146.82  | 135.44   | 77.86    | 135.44       | 0.68          | -0.53         | MWD  |
| OH    | 9,246.00  | 1.300     | 47.200      | YNN | 9,241.80  | 136.81   | 79.17    | 136.81       | 0.36          | 0.32          | MWD  |
| OH    | 9,336.00  | 1.500     | 58.700      | YNN | 9,331.77  | 138.12   | 80.93    | 138.12       | 0.38          | 0.22          | MWD  |
| OH    | 9,429.00  | 1.000     | 60.500      | YNN | 9,424.75  | 139.15   | 82.67    | 139.15       | 0.54          | -0.54         | MWD  |
| OH    | 9,523.00  | 0.800     | 102.100     | YNN | 9,518.74  | 139.42   | 84.03    | 139.42       | 0.71          | -0.21         | MWD  |
| OH    | 9,620.00  | 1.700     | 90.100      | YNN | 9,615.71  | 139.27   | 86.13    | 139.27       | 0.96          | 0.93          | MWD  |
| OH    | 9,714.00  | 2.100     | 92.300      | YNN | 9,709.66  | 139.20   | 89.24    | 139.20       | 0.43          | 0.43          | MWD  |
| OH    | 9,802.00  | 2.000     | 111.200     | YNN | 9,797.61  | 138.58   | 92.29    | 138.58       | 0.77          | -0.11         | MWD  |
| OH    | 9,896.00  | 2.200     | 110.100     | YNN | 9,891.54  | 137.37   | 95.51    | 137.37       | 0.22          | 0.21          | MWD  |
| OH    | 9,989.00  | 2.000     | 110.100     | YNN | 9,984.48  | 136.20   | 98.71    | 136.20       | 0.22          | -0.22         | MWD  |
| OH    | 10,177.00 | 1.500     | 115.500     | YNN | 10,172.39 | 134.01   | 104.01   | 134.01       | 0.28          | -0.27         | MWD  |
| OH    | 10,268.00 | 1.600     | 115.100     | YNN | 10,263.36 | 132.96   | 106.24   | 132.96       | 0.11          | 0.11          | MWD  |
| OH    | 10,363.00 | 2.100     | 122.900     | YNN | 10,358.31 | 131.45   | 108.90   | 131.45       | 0.59          | 0.53          | MWD  |
| OH    | 10,456.00 | 1.700     | 124.200     | YNN | 10,451.26 | 129.75   | 111.47   | 129.75       | 0.43          | -0.43         | MWD  |
| OH    | 10,563.00 | 1.800     | 126.400     | YNN | 10,558.21 | 127.86   | 114.14   | 127.86       | 0.11          | 0.09          | MWD  |
| OH    | 10,618.00 | 1.800     | 110.100     | YNN | 10,613.18 | 127.05   | 115.64   | 127.05       | 0.93          | 0.00          | MWD  |
| OH    | 10,716.00 | 1.600     | 110.500     | YNN | 10,711.14 | 126.04   | 118.37   | 126.04       | 0.20          | -0.20         | MWD  |
| OH    | 10,810.00 | 1.800     | 101.000     | YNN | 10,805.10 | 125.30   | 121.05   | 125.30       | 0.37          | 0.21          | MWD  |
| OH    | 10,906.00 | 1.800     | 104.900     | YNN | 10,901.05 | 124.62   | 123.99   | 124.62       | 0.13          | 0.00          | MWD  |
| OH    | 11,180.00 | 1.900     | 108.500     | YNN | 11,174.91 | 122.08   | 132.45   | 122.08       | 0.06          | 0.04          | MWD  |
| OH    | 11,476.00 | 1.800     | 126.000     | YNN | 11,470.75 | 117.79   | 140.87   | 117.79       | 0.19          | -0.03         | MWD  |
| OH    | 11,602.00 | 1.200     | 127.100     | YNN | 11,596.71 | 115.83   | 143.52   | 115.83       | 0.48          | -0.48         | MWD  |
| OH    | 11,668.00 | 1.600     | 111.200     | YNN | 11,662.69 | 115.08   | 144.93   | 115.08       | 0.84          | 0.61          | MWD  |
| OH    | 11,762.00 | 1.900     | 118.400     | YNN | 11,756.65 | 113.86   | 147.52   | 113.86       | 0.40          | 0.32          | MWD  |



## Deviation Summary

|                     |                          |                                       |            |       |              |
|---------------------|--------------------------|---------------------------------------|------------|-------|--------------|
| Legal Well Name:    | HORROCKS 4-20A1          | Spud Date:                            | 1/20/2010  | S/T # | V.S. AZI (°) |
| Common Well Name:   | HORROCKS 4-20A1          | Start:                                | 12/15/2009 | OH    | 0.000        |
| Event Name:         | DRILLING                 | End:                                  | 1/16/2011  |       |              |
| Contractor Name:    | PRECISION DRILLING TRUST | Rig Release:                          | 1/16/2011  |       |              |
| Rig Name:           | PRECISION                | Rig Number:                           | 406        |       |              |
| TMD: 14,243.00 (ft) | TVD: 14,235.65 (ft)      | Calculation Method: Minimum Curvature |            |       |              |

| S/T # | TMD (ft)  | Angle (°) | Azimuth (°) | CTM | TVD (ft)  | N-S (ft) | E-W (ft) | Section (ft) | DLS (°/100ft) | BUR (°/100ft) | Type |
|-------|-----------|-----------|-------------|-----|-----------|----------|----------|--------------|---------------|---------------|------|
| OH    | 11,858.00 | 1.600     | 108.900     | YNN | 11,852.60 | 112.67   | 150.19   | 112.67       | 0.43          | -0.31         | MWD  |
| OH    | 11,952.00 | 2.100     | 110.900     | YNN | 11,946.55 | 111.63   | 153.04   | 111.63       | 0.54          | 0.53          | MWD  |
| OH    | 12,046.00 | 1.700     | 130.100     | YNN | 12,040.50 | 110.12   | 155.72   | 110.12       | 0.79          | -0.43         | MWD  |
| OH    | 12,141.00 | 1.400     | 122.900     | YNN | 12,135.47 | 108.58   | 157.77   | 108.58       | 0.38          | -0.32         | MWD  |
| OH    | 12,238.00 | 1.900     | 116.100     | YNN | 12,232.43 | 107.23   | 160.21   | 107.23       | 0.55          | 0.52          | MWD  |
| OH    | 12,331.00 | 1.900     | 126.600     | YNN | 12,325.38 | 105.63   | 162.83   | 105.63       | 0.37          | 0.00          | MWD  |
| OH    | 12,429.00 | 1.900     | 119.900     | YNN | 12,423.32 | 103.85   | 165.54   | 103.85       | 0.23          | 0.00          | MWD  |
| OH    | 12,509.00 | 1.700     | 122.100     | YNN | 12,503.28 | 102.56   | 167.70   | 102.56       | 0.26          | -0.25         | MWD  |
| OH    | 12,800.00 | 2.600     | 124.500     | YNN | 12,794.08 | 96.53    | 176.80   | 96.53        | 0.31          | 0.31          | MWD  |
| OH    | 12,894.00 | 2.700     | 132.900     | YNN | 12,887.97 | 93.82    | 180.17   | 93.82        | 0.43          | 0.11          | MWD  |
| OH    | 12,988.00 | 3.000     | 106.800     | YNN | 12,981.86 | 91.60    | 184.15   | 91.60        | 1.40          | 0.32          | MWD  |
| OH    | 13,086.00 | 2.600     | 130.500     | YNN | 13,079.75 | 89.41    | 188.30   | 89.41        | 1.24          | -0.41         | MWD  |
| OH    | 13,285.00 | 2.400     | 133.100     | YNN | 13,278.56 | 83.63    | 194.77   | 83.63        | 0.12          | -0.10         | MWD  |
| OH    | 13,377.00 | 2.200     | 133.100     | YNN | 13,370.49 | 81.11    | 197.47   | 81.11        | 0.22          | -0.22         | MWD  |
| OH    | 13,466.00 | 2.600     | 148.300     | YNN | 13,459.41 | 78.23    | 199.78   | 78.23        | 0.84          | 0.45          | MWD  |
| OH    | 13,560.00 | 2.400     | 137.200     | YNN | 13,553.32 | 74.97    | 202.23   | 74.97        | 0.56          | -0.21         | MWD  |
| OH    | 13,662.00 | 2.400     | 147.900     | YNN | 13,655.23 | 71.59    | 204.82   | 71.59        | 0.44          | 0.00          | MWD  |
| OH    | 13,757.00 | 2.900     | 151.900     | YNN | 13,750.13 | 67.79    | 207.01   | 67.79        | 0.56          | 0.53          | MWD  |
| OH    | 13,948.00 | 2.200     | 143.100     | YNN | 13,940.94 | 60.59    | 211.49   | 60.59        | 0.42          | -0.37         | MWD  |
| OH    | 14,044.00 | 2.500     | 149.700     | YNN | 14,036.86 | 57.31    | 213.65   | 57.31        | 0.42          | 0.31          | MWD  |
| OH    | 14,243.00 | 2.700     | 150.600     | YNN | 14,235.65 | 49.48    | 218.14   | 49.48        | 0.10          | 0.10          | MWD  |

14,450

14,442

Survey did not goto TD.

RECEIVED

JAN 03 2012

CONFIDENTIAL

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

DIV. OF OIL, GAS & MINING

AMENDED REPORT (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

3 ADDRESS OF OPERATOR: 1001 Louisiana, #2730B Houston TX 77002
PHONE NUMBER: (713) 420-5138

4 LOCATION OF WELL (FOOTAGES): AT SURFACE: 1963' FWL & 673' FSL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1963' FWL & 673' FSL
AT TOTAL DEPTH: 1963' FWL & 673' FSL 722 FSL 3181 FWL

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: Horrocks 4-20A1

9 API NUMBER: 4301350155

10 FIELD AND POOL, OR WILDCAT: Altamont

11 QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 20 1S 1W U.S.B. & M.

12 COUNTY: Duchesne 13 STATE: UTAH

14 DATE SPUNDED: 12/29/2009 15 DATE T.D. REACHED: 1/5/2011 16 DATE COMPLETED: 5/3/2011 14350
ABANDONED [ ] READY TO PRODUCE [checked] 17 ELEVATIONS (DF, RKB, RT, GL): 5582' GL

18 TOTAL DEPTH: MD 14,450 TVD 14,450 1442
19 PLUG BACK T.D.: MD 14,362 TVD 14,362 141343
20 IF MULTIPLE COMPLETIONS, HOW MANY?: NO
21 DEPTH BRIDGE MD PLUG SET: TVD

22 TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each): DSN/SDL/ACRT/BSAT/CBL/GR/CCL Array Compensated True Resistivity
23. WAS WELL CORED? NO [checked] YES [ ] (Submit analysis)
WAS DST RUN? NO [checked] YES [ ] (Submit report)
DIRECTIONAL SURVEY? NO [checked] YES [checked] (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), TAC SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD)

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

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

29. ENCLOSED ATTACHMENTS: (All logs submitted by service companies)
ELECTRICAL/MECHANICAL LOGS [ ] GEOLOGIC REPORT [ ] DST REPORT [ ] DIRECTIONAL SURVEY [ ]
SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [ ] CORE ANALYSIS [ ] OTHER: Items #28 & #27 [checked] continued on attachment.
30. WELL STATUS: Producing

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

|                                  |             |                        |                      |                     |                         |                           |                  |                   |                     |                  |
|----------------------------------|-------------|------------------------|----------------------|---------------------|-------------------------|---------------------------|------------------|-------------------|---------------------|------------------|
| DATE FIRST PRODUCED:<br>3/3/2011 |             | TEST DATE:<br>3/4/2011 |                      | HOURS TESTED:<br>24 |                         | TEST PRODUCTION RATES: →  | OIL - BBL:<br>25 | GAS - MCF:<br>318 | WATER - BBL:<br>251 | PROD. METHOD:    |
| CHOKE SIZE:<br>14/64th           | TBG. PRESS. | CSG. PRESS.<br>1,025   | API GRAVITY<br>40.20 | BTU - GAS           | GAS/OIL RATIO<br>12,820 | 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.)

Sold

33. SUMMARY OF POROUS ZONES (include Aquifers):

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

34. FORMATION (Log) MARKERS:

| Formation | Top (MD) | Bottom (MD) | Descriptions, Contents, etc. | Name                         | Top (Measured Depth) |
|-----------|----------|-------------|------------------------------|------------------------------|----------------------|
|           |          |             |                              | Lower Green River<br>Wasatch | 9,391<br>10,459      |

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) Linda Renken TITLE Regulatory Analyst  
 SIGNATURE *Linda Renken* DATE 1/3/2012

This report must be submitted within 30 days of

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

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

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

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

**Attachment to Well Completion Report**

**Form 8 Dated January 3, 2012**

**Well Name: Horrocks 4-20A1**

**Items #27 and #28 Continued**

**27. Perforation Record**

| <b>Interval (Top/Bottom – MD)</b> | <b>Size</b> | <b>No. of Holes</b> | <b>Perf. Status</b> |
|-----------------------------------|-------------|---------------------|---------------------|
| 12951 – 13125                     | 2-3/4       | 63                  | Open                |
| 12683 – 12887                     | 2-3/4       | 63                  | Open                |
| 12350 – 12641                     | 2-3/4       | 66                  | Open                |
|                                   |             |                     |                     |

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

|               | <b>Amount and Type of Material</b>   |
|---------------|--|
| 13182 - 13412 | Acidize w/5000 gals 15% HCL. Frac with 5000 #'s 100 mesh & 95268 #'s TerraProp 20/40.  |
| 12951 - 13125 | Acidize w/5000 gals 15% HCL. Frac with 9500 #'s 100 mesh & 113433 #'s TerraProp 20/40. |
| 12683 - 12887 | Acidize w/5000 gals 15% HCL. Frac w/13000 #'s 100 mesh & 122423 #'s TerraProp 20/40.   |
| 12350 - 12641 | Acidize w/5000 gals 15% HCL. Frac with 10000#'s 100 mesh & 136371 #'s TerraProp 20/40. |

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**JAN 03 2012**

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

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

FORM 6

**ENTITY ACTION FORM**

Operator: El Paso E&P Company, L.P. Operator Account Number: N 3065  
 Address: 1001 Louisiana, Rm 2730D  
city Houston  
state TX zip 77002 Phone Number: (713) 420-5038

**Well 1**

| API Number                                | Well Name             |                   | QQ                  | Sec | Twp | Rng                              | County   |
|---|-----------------------|-------------------|---------------------|-----|-----|----------------------------------|----------|
| 4301350155                                | Horrocks 4-20A1       |                   | SESW                | 20  | 1S  | 1W                               | Duchesne |
| Action Code                               | Current Entity Number | New Entity Number | Spud Date           |     |     | Entity Assignment Effective Date |          |
| E   | 17916                 | 17916             | 12/29/2009          |     |     | 3/3/2011                         |          |
| Comments: Initial Completion WSTC<br>WSTC |                       |                   | <b>CONFIDENTIAL</b> |     |     | 1/31/12                          |          |

**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)

Maria S Gomez

Name (Please Print)

*Maria S Gomez*

Signature

Principle Regulatory Analyst

1/26/2011

Title

Date

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JAN 27 2012

DIV. OF OIL, GAS & MINING

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

**ROUTING**  
**CDW**

**X - Change of Operator (Well Sold)**

**Operator Name Change/Merger**

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

**6/1/2012**

|  |   |
|--|---|
| <b>FROM: (Old Operator):</b><br>N3065- El Paso E&P Company, L.P.<br>1001 Louisiana Street<br>Houston, TX. 77002<br><br>Phone: 1 (713) 997-5038 | <b>TO: ( New Operator):</b><br>N3850- EP Energy E&P Company, L.P.<br>1001 Louisiana Street<br>Houston, TX. 77002<br><br>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<br>(Submit in Duplicate)<br>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<br>(Submit Original Form Only)<br>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: <u>Change of</u> |
|  | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <u>Name/Operator</u>  |

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.

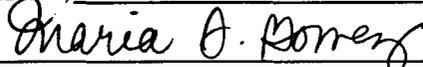
EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian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

DATE 6/22/2012

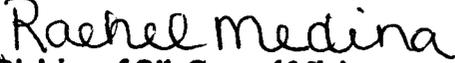
(This space for State use only)

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JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012



(See Instructions on Reverse Side)

(5/2009) Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician  
Rachel Medina

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

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

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

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|                            |    |      |      |            |       |     |    |   |
|----------------------------|----|------|------|------------|-------|-----|----|---|
| 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 |

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|                        |    |      |      |            |       |     |    |   |
|------------------------|----|------|------|------------|-------|-----|----|---|
| 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 |

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|                               |    |      |      |            |       |     |    |   |   |
|-------------------------------|----|------|------|------------|-------|-----|----|---|---|
| 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 |

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|                        |    |      |      |            |       |                |    |    |
|------------------------|----|------|------|------------|-------|----------------|----|----|
| 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  |

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

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

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

|  |  |
|--|--|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b>                                  |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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:<br>FEE |
|  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:          |
|  | 7. UNIT or CA AGREEMENT NAME:                  |
| 1. TYPE OF WELL<br>Oil Well  | 8. WELL NAME and NUMBER:<br>HORROCKS 4-20A1    |
| 2. NAME OF OPERATOR:<br>EP ENERGY E&P COMPANY, L.P.  | 9. API NUMBER:<br>43013501550000               |
| 3. ADDRESS OF OPERATOR:<br>1001 Louisiana , Houston, TX, 77002   | PHONE NUMBER:<br>713 997-5038 Ext              |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE:<br>0673 FSL 1963 FWL<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>Qtr/Qtr: SESW Section: 20 Township: 01.0S Range: 01.0W Meridian: U   | 9. FIELD and POOL or WILDCAT:<br>BLUEBELL      |
|  | COUNTY:<br>DUCHESNE                            |
|  | STATE:<br>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<br>Approximate date work will start:<br>10/15/2012 | <input checked="" type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                  |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>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<br>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<br>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 checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON              |
|   | <input type="checkbox"/> TUBING REPAIR                            | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                 |
|   | <input type="checkbox"/> WATER SHUTOFF                            | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                  |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION               | <input checked="" type="checkbox"/> OTHER               | OTHER: <input type="text" value="Set Plug"/>            |

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

EP plans to set CBP @ ~12350' with 10' cement on top, perforate from 10459'-12320', and acidize with ~60000 gals of 15% HCL. See attached procedure for details.

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

**Date:** October 17, 2012

**By:** 

|  |                                     |  |
|--|-------------------------------------|--|
| <b>NAME (PLEASE PRINT)</b><br>Maria S. Gomez | <b>PHONE NUMBER</b><br>713 997-5038 | <b>TITLE</b><br>Principal Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                      | <b>DATE</b><br>10/10/2012           |  |

## **Horrocks 4-20A1 UW Recom Summary Procedure**

- POOH w/Rods & pump, Release anchor, POOH w/tubing string
- Circulate & Clean wellbore
- RIH with 4-1/2"CBP, set plug at ~12,350', dump bail 10' cement on top
- Perforate new UW interval from ~10,459' – 12,320'
- Acidize perforations with 60,000 gals of 15% HCL
- Leave CIBP @ ~12,350'
- RIH w/tubing, pump & rods
- Clean location and resume production

| STATE OF UTAH<br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING   |   | FORM 9   |  |
|--|---|--|--|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.                 |   | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>FEE  |  |
|  |   | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>   |  |
| <b>1. TYPE OF WELL</b><br>Oil Well   |   | <b>7. UNIT or CA AGREEMENT NAME:</b>   |  |
| <b>2. NAME OF OPERATOR:</b><br>EP ENERGY E&P COMPANY, L.P.   |   | <b>8. WELL NAME and NUMBER:</b><br>HORROCKS 4-20A1   |  |
| <b>3. ADDRESS OF OPERATOR:</b><br>1001 Louisiana , Houston, TX, 77002  |   | <b>9. API NUMBER:</b><br>43013501550000  |  |
| <b>PHONE NUMBER:</b><br>713 997-5038 Ext   |   | <b>9. FIELD and POOL or WILDCAT:</b><br>BLUEBELL   |  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>0673 FSL 1963 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SESW Section: 20 Township: 01.0S Range: 01.0W Meridian: U  |   | <b>COUNTY:</b><br>DUCHESNE   |  |
|  |   | <b>STATE:</b><br>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<br>Approximate date work will start:<br><br><input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:<br>10/30/2012<br><br><input type="checkbox"/> SPUD REPORT<br>Date of Spud:<br><br><input type="checkbox"/> DRILLING REPORT<br>Report Date: | <input checked="" type="checkbox"/> ACIDIZE<br><br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><br><input type="checkbox"/> CHANGE WELL STATUS<br><br><input type="checkbox"/> DEEPEN<br><br><input type="checkbox"/> OPERATOR CHANGE<br><br><input type="checkbox"/> PRODUCTION START OR RESUME<br><br><input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION<br><br><input type="checkbox"/> TUBING REPAIR<br><br><input type="checkbox"/> WATER SHUTOFF<br><br><input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING<br><br><input type="checkbox"/> CHANGE TUBING<br><br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><br><input type="checkbox"/> FRACTURE TREAT<br><br><input type="checkbox"/> PLUG AND ABANDON<br><br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><br><input type="checkbox"/> VENT OR FLARE<br><br><input type="checkbox"/> SI TA STATUS EXTENSION<br><br><input checked="" type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR<br><br><input type="checkbox"/> CHANGE WELL NAME<br><br><input type="checkbox"/> CONVERT WELL TYPE<br><br><input type="checkbox"/> NEW CONSTRUCTION<br><br><input type="checkbox"/> PLUG BACK<br><br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br><br><input type="checkbox"/> TEMPORARY ABANDON<br><br><input type="checkbox"/> WATER DISPOSAL<br><br><input type="checkbox"/> APD EXTENSION<br><br>OTHER: <input type="text" value="Set Plug"/> |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.<br>Please see attached post work summary for details.   |   |  |  |
| <b>Accepted by the<br/>Utah Division of<br/>Oil, Gas and Mining<br/>FOR RECORD ONLY<br/>January 09, 2013</b>   |   |  |  |
| <b>NAME (PLEASE PRINT)</b><br>Maria S. Gomez   | <b>PHONE NUMBER</b><br>713 997-5038   | <b>TITLE</b><br>Principal Regulatory Analyst   |  |
| <b>SIGNATURE</b><br>N/A  |   | <b>DATE</b><br>12/18/2012  |  |

## **Horrocks 4-20A1 Post Work Summary Procedure**

- POOH w/Rods & pump, Release anchor, POOH w/tubing string
- Set CBP plug @ 12340' and dumped 10' cement on top
- Perforated 12302' – 11867' and acidized with 15000 gals 15% HCL
- Stage 2: Set CBP @ 11760', perfs 11742' – 11338', & acidized with 15000 gals 15% HCL
- Stage 3: Set CBP @ 11268', perfs 11252' – 10867', & acidized with 15000 gals 15% HCL
- Stage 4: Set CBP @ 10700', perfs 10686' – 10426', & acidized with 15000 gals 15% HCL
- Drilled out plugs from stages 2, 3 & 4.
- Clean location and resume production

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| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b>                                  |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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:<br>FEE |
|  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:          |
|  | 7. UNIT or CA AGREEMENT NAME:                  |
| 1. TYPE OF WELL<br>Oil Well  | 8. WELL NAME and NUMBER:<br>HORROCKS 4-20A1    |
| 2. NAME OF OPERATOR:<br>EP ENERGY E&P COMPANY, L.P.  | 9. API NUMBER:<br>43013501550000               |
| 3. ADDRESS OF OPERATOR:<br>1001 Louisiana , Houston, TX, 77002   | PHONE NUMBER:<br>713 997-5038 Ext              |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE:<br>0673 FSL 1963 FWL<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>Qtr/Qtr: SESW Section: 20 Township: 01.0S Range: 01.0W Meridian: U   | 9. FIELD and POOL or WILDCAT:<br>BLUEBELL      |
|  | COUNTY:<br>DUCHESNE                            |
|  | STATE:<br>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<br>Approximate date work will start:<br>4/1/2013 | <input checked="" type="checkbox"/> ACIDIZE            | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                  |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>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<br>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<br>Report Date:  | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION               |
|   | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                      |
|   | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|   | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON              |
|   | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                 |
|   | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                  |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input checked="" type="checkbox"/> OTHER               | OTHER: <input type="text" value="Drill Out Plug"/>      |

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

**Approved by the Utah Division of Oil, Gas and Mining**  
  
**Date:** April 01, 2013  
**By:** *Derek Duff*

|                                       |                              |                                       |
|---------------------------------------|------------------------------|---------------------------------------|
| NAME (PLEASE PRINT)<br>Maria S. Gomez | PHONE NUMBER<br>713 997-5038 | TITLE<br>Principal Regulatory Analyst |
| SIGNATURE<br>N/A                      | DATE<br>4/1/2013             |                                       |

## Horrocks 4-20A1 Plug Drill-Out Procedure Summary

- POOH w/rods and pump
- Release TAC @ 10,133' & POOH w/ tbg.
- RIH w/ bit & drill on CIBP @ 12,340' w/ 10' cmt on top.
- Push CIBP to bottom.
- Acidize existing perms w/ 7,500 gal 15% HCl.
- RIH w/ BHA, tubing and rod string
- Clean location and resume production

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|--|--|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b>                                  |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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:<br>FEE |
|  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:          |
|  | 7. UNIT or CA AGREEMENT NAME:                  |
| 1. TYPE OF WELL<br>Oil Well  | 8. WELL NAME and NUMBER:<br>HORROCKS 4-20A1    |
| 2. NAME OF OPERATOR:<br>EP ENERGY E&P COMPANY, L.P.  | 9. API NUMBER:<br>43013501550000               |
| 3. ADDRESS OF OPERATOR:<br>1001 Louisiana , Houston, TX, 77002   | PHONE NUMBER:<br>713 997-5038 Ext              |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE:<br>0673 FSL 1963 FWL<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>Qtr/Qtr: SESW Section: 20 Township: 01.0S Range: 01.0W Meridian: U   | 9. FIELD and POOL or WILDCAT:<br>BLUEBELL      |
|  | COUNTY:<br>DUCHESNE                            |
|  | STATE:<br>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<br>Approximate date work will start:<br><b>8/15/2013</b> | <input checked="" type="checkbox"/> ACIDIZE            | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                  |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>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<br>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<br>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 while performing routine operations.

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

Date: August 15, 2013

By: 

|                                       |                              |                                       |
|---------------------------------------|------------------------------|---------------------------------------|
| NAME (PLEASE PRINT)<br>Maria S. Gomez | PHONE NUMBER<br>713 997-5038 | TITLE<br>Principal Regulatory Analyst |
| SIGNATURE<br>N/A                      | DATE<br>8/14/2013            |                                       |

|  |  |
|--|--|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b>                                  |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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:<br>FEE |
|  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:          |
|  | 7. UNIT or CA AGREEMENT NAME:                  |
| 1. TYPE OF WELL<br>Oil Well  | 8. WELL NAME and NUMBER:<br>HORROCKS 4-20A1    |
| 2. NAME OF OPERATOR:<br>EP ENERGY E&P COMPANY, L.P.  | 9. API NUMBER:<br>43013501550000               |
| 3. ADDRESS OF OPERATOR:<br>1001 Louisiana , Houston, TX, 77002   | PHONE NUMBER:<br>713 997-5038 Ext              |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE:<br>0673 FSL 1963 FWL<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>Qtr/Qtr: SESW Section: 20 Township: 01.0S Range: 01.0W Meridian: U   | 9. FIELD and POOL or WILDCAT:<br>BLUEBELL      |
|  | COUNTY:<br>DUCHESNE                            |
|  | STATE:<br>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<br>Approximate date work will start:<br><b>11/10/2014</b> | <input checked="" type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                             |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>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<br>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<br>Report Date:   | <input type="checkbox"/> DEEPEN                                   | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION                          |
|  | <input type="checkbox"/> OPERATOR CHANGE                          | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                                 |
|  | <input type="checkbox"/> PRODUCTION START OR RESUME               | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|  | <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON                         |
|  | <input type="checkbox"/> TUBING REPAIR                            | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                            |
|  | <input type="checkbox"/> WATER SHUTOFF                            | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                             |
|  | <input type="checkbox"/> WILDCAT WELL DETERMINATION               | <input type="checkbox"/> OTHER                          | OTHER: <input style="width: 100px;" type="text"/>                  |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 EP plans to perf and acidize. Please see attached for details.

**Approved by the**  
**November 10, 2014**  
**Oil, Gas and Mining**

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

**By:** *Derek Duff*

|                                       |                              |                                       |
|---------------------------------------|------------------------------|---------------------------------------|
| NAME (PLEASE PRINT)<br>Maria S. Gomez | PHONE NUMBER<br>713 997-5038 | TITLE<br>Principal Regulatory Analyst |
| SIGNATURE<br>N/A                      | DATE<br>11/6/2014            |                                       |

## **Horrocks 4-20A1 Recom Summary Procedure**

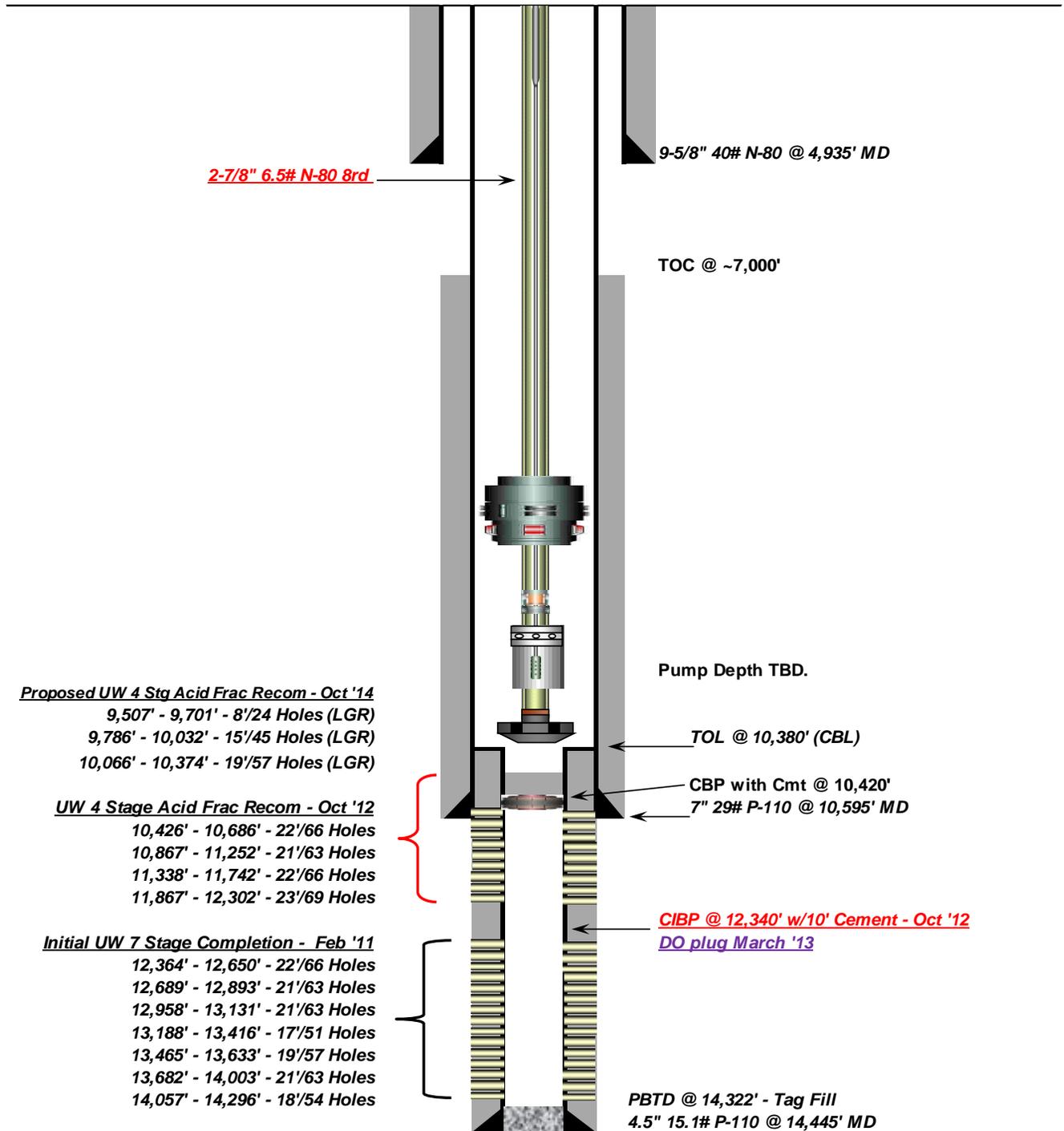
- POOH with rods, tubing string and pump, inspect/Repair/Re-furbish as needed and test to bring in working condition and put back on Rack. Replace any bad tubing.
- Circulate & Clean wellbore
- RIH with 4.5"CBP and set at 10,420' to isolate the current producing UW interval dump bail 10' cement on top
- Perforate new LGR interval from ~10,066' – 10,374'
- Prop frac perforations with 100,000 lbs of Proppant (STAGE 1 Recom)
- RIH with 7"CBP, set plug at ~10,042'
- Perforate new LGR interval from ~9,786' – 10,032'
- Acidize perforations with 20K Gallons of Acid(STAGE 2 Recom)
- RIH with 7"CBP, set plug at ~9,711'
- Perforate new LGR interval from ~9,507' – 9,701'
- Acidize perforations with 20K Gallons of Acid(STAGE 3 Recom)
- Clean out well drilling up 7" CBP's leaving CBP @ 10,420 w/ 10' cmt undrilled.
- RIH w/tubing, pump & rods.
- Clean location and resume production.



**Proposed Pumping Schematic as of October 22, 2014**

Company Name: EP Energy  
 Well Name: Horrocks 4-20A1  
 Field, County, State: Altamont - Bluebell, Duchesne, Utah  
 Surface Location: Latitude = 40° 22' 35.484" Longitude = 110° 1' 19.138"  
 Producing Zone(s): Wasatch

Last Updated: October 29, 2012  
 By: Mohammad Siddiqui  
 TD: 14,362'  
 BHL: \_\_\_\_\_  
 Elevation: \_\_\_\_\_



|  |  |
|--|--|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b>                                  |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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:<br>FEE |
|  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:          |
|  | 7. UNIT or CA AGREEMENT NAME:                  |
| 1. TYPE OF WELL<br>Oil Well  | 8. WELL NAME and NUMBER:<br>HORROCKS 4-20A1    |
| 2. NAME OF OPERATOR:<br>EP ENERGY E&P COMPANY, L.P.  | 9. API NUMBER:<br>43013501550000               |
| 3. ADDRESS OF OPERATOR:<br>1001 Louisiana , Houston, TX, 77002   | PHONE NUMBER:<br>713 997-5038 Ext              |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE:<br>0673 FSL 1963 FWL<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>Qtr/Qtr: SESW Section: 20 Township: 01.0S Range: 01.0W Meridian: U   | 9. FIELD and POOL or WILDCAT:<br>BLUEBELL      |
|  | COUNTY:<br>DUCHESNE                            |
|  | STATE:<br>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<br>Approximate date work will start:<br>2/11/2015 | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                  |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>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<br>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<br>Report Date:   | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION               |
|  | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                      |
|  | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|  | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON              |
|  | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                 |
|  | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                  |
|  | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input checked="" type="checkbox"/> OTHER               | OTHER: <input type="text" value="DO Plugs"/>            |

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

CBPs @ 10,450'; 10,420' & 10,415'

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

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

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

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

**RECOMPLETION**

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 SPURRED: \_\_\_\_\_ 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. **CBP'S @ 10420' & 10415' w 10' cmt (WL)**

| DEPTH INTERVAL | AMOUNT AND TYPE OF MATERIAL |
|----------------|-----------------------------|
|                |                             |
|                |                             |
|                |                             |

**29. ENCLOSED ATTACHMENTS:**

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

**30. WELL STATUS:**

**31. INITIAL PRODUCTION**

**INTERVAL A (As shown in item #26)**

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

**INTERVAL B (As shown in item #26)**

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

**INTERVAL C (As shown in item #26)**

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

**INTERVAL D (As shown in item #26)**

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

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

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

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

**34. FORMATION (Log) MARKERS:**

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

**35. ADDITIONAL REMARKS (Include plugging procedure)**

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

NAME (PLEASE PRINT) \_\_\_\_\_ TITLE \_\_\_\_\_  
 SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

This report must be submitted within 30 days of

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

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

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

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

## CENTRAL DIVISION

ALTAMONT FIELD  
HORROCKS 4-20A1  
HORROCKS 4-20A1  
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                | HORROCKS 4-20A1                      |          |                    |
| Project             | ALTAMONT FIELD                       | Site     | HORROCKS 4-20A1    |
| Rig Name/No.        |                                      | Event    | RECOMPLETE LAND    |
| Start date          | 11/6/2014                            | End date | 11/23/2014         |
| Spud Date/Time      | 1/20/2010                            | UWI      | 020-001-S 001-W 30 |
| Active datum        | KB @5,595.0ft (above Mean Sea Level) |          |                    |
| Afe No./Description | 163912/52687 / HORROCKS 4-20A1       |          |                    |

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

| Date       | Time Start-End | Duration (hr) | Phase  | Activity | Sub | OP Code | MD from (ft) | Operation   |
|------------|----------------|---------------|--------|----------|-----|---------|--------------|---|
| 11/8/2014  | 6:00 7:30      | 1.50          | WOR    | 28       |     | P       |              | CT HOLD SAFETY MTG ON, OVER HEAD LOADS, WRITE & REVIEW JSA'S, WHILE PUMPING 60 BBLs DWN CSG W/ HOT OILER  |
|            | 7:30 10:30     | 3.00          | WOR    | 39       |     | P       |              | LD POLISH ROD, WORK PUMP OFF SEAT, LAY DWN ROD SUBS, FLUSH RODS W/ 60 BBLs 2% KCL, TOO H W/ 68-1", 120-7/8", 210-3/4" RODS, LAY DWN 8 WT BARS, 2-1/2" X 1-1/2" X 38' PUMP & DIP TUBE  |
|            | 10:30 12:00    | 1.50          | WOR    | 16       |     | P       |              | CHANGE OVER TO TBG EQUIP, NDWH, RELEASE 7" TAC @ 10116', NUBOP, RU WORK FLOOR & TBG TONGS   |
|            | 12:00 17:00    | 5.00          | WOR    | 39       |     | P       |              | MIRU P.R.S. SCANNING EQUIP, SCAN OUT OF HOLE W/ 34 JTS YELLOW BAND, 159 JTS BLUE BAND & 18 JTS RED BAND 2-7/8" EUE L-80 TBG, SECURE WELL SDFW   |
| 11/9/2014  | 6:00 6:00      | 24.00         | WOR    | 18       |     | P       |              | NO ACTIVITY SDFW  |
| 11/10/2014 | 6:00 6:00      | 24.00         | WOR    | 18       |     | P       |              | NO ACTIVITY SDFW  |
| 11/11/2014 | 6:00 7:30      | 1.50          | WOR    | 28       |     | P       |              | CT HOLD SAFETY MTG ON, SCANNING TBG OPERATIONS, WRITE & REVIEW JSA'S  |
|            | 7:30 11:00     | 3.50          | WOR    | 39       |     | P       |              | 0 PSI ON WELL, RU SCANNING EQUIP, CONT SCANNING TBG OUT OF HOLE, LAY DWN PROD BHA, HAD A TOTAL OF 34 JTS YELLOW BAND, 225 JTS BLUE BAND & 59 JTS RED BAND 2-7/8" EUE L-80 TBG, RIG DWN SCANNING EQUIP   |
|            | 11:00 18:00    | 7.00          | WLWORK | 26       |     | P       |              | MIRU CUTTERS WIRE LINE, RIH W/ 3.625 GR/JB TO 10450', RIH SET 4-1/2" 15.1# CBP @ 10420', FILL CSG W/ 334 BBLs 2% KCL, FLUID LEVEL @ 8993', PRESSURE CSG TO 2000 PSI SET 2nd 4-1/2" 15.1# CBP @ 10415', RIH & DUMP BAIL 10' CMT ON CBP, RIG DWN W.L., SECURE WELL SDFN |
| 11/12/2014 | 6:00 6:00      | 24.00         | WOR    | 18       |     | P       |              | NO ACTIVITY ON LOC, ATTEND CONSULTANT SAFETY MTG  |
| 11/13/2014 | 6:00 7:30      | 1.50          | WOR    | 28       |     | P       |              | CREW TRAVEL HOLD SAFETY MTG ON NDBOP, WRIT & REVIEW JSA'S   |
|            | 7:30 13:00     | 5.50          | WOR    | 16       |     | P       |              | NDBOP, NUFRAC STACK TEST CSG TO 7600 PSI, & STACK TO 10,000 PSI CHART TESTS, GOOD TEST, SECURE WELL SDFN  |
| 11/14/2014 | 6:00 7:30      | 1.50          | WOR    | 28       |     | P       |              | CT HOLD SAFETY MTG ON WIRE LINE OPERATIONS WRITE & REVIEW JSA'S   |

## 2.1 Operation Summary (Continued)

| Date       | Time Start-End | Duration (hr) | Phase  | Activity | Sub | OP Code | MD from (ft) | Operation  |
|------------|----------------|---------------|--------|----------|-----|---------|--------------|--|
|            | 7:30 15:00     | 7.50          | WLWORK | 21       |     | P       |              | MIRU CUTTERS WIRE LINE, RIH W/ 7" GR/JB TO 10100', RIH & PERF STG 1 PERFS FROM 10,374' 10,066' USING 3-1/8" TAG-RTG GUNSTITANS DEEP PENETRATING 22.7 GM CHRGS, 3 SPF @ 120 DEG PHASING, STARTING PRESSURE 1000 PSI ENDING PRESSURE 800 PSI, ALL PERFS ARE CORRELATED TO LONE WOLF WIRE LINE CBL, GR & CBL RUN #1 ON 2/20/11, SECURE WELL SDFD  |
| 11/15/2014 | 6:00 6:00      | 24.00         | WOR    | 18       |     | P       |              | NO ACTIVITY WAITING ON FRAC CREW   |
| 11/16/2014 | 6:00 7:30      | 1.50          | WOR    | 28       |     | P       |              | CT HOLD SAFETY MTG ON RU FRAC CREW, WRITE & REVIEW JSA'S   |
|            | 7:30 15:30     | 8.00          | MIRU   | 01       |     | P       |              | MOVE WEATHERFORD FRAC EQUIPMENT ONTO LOCATION, HAD TO MAKE 2 TRIPS TO GET ALL EQUIPMENT ON LOCATION, SPOT IN & RU, SDFD  |
| 11/17/2014 | 6:00 7:30      | 1.50          | STG01  | 28       |     | P       |              | CT HOLD SAFETY MTG ON FRACING OPERATIONS, WRITE & REVIEW JSA'S   |
|            | 7:30 8:30      | 1.00          | STG01  | 18       |     | P       |              | START & WARM UP EQUIPMENT  |
|            | 8:30 10:00     | 1.50          | STG01  | 35       |     | P       |              | TEST PUMP LINES TO 8469 PSI, OPEN WELL CSG PSI 308 PSI, BREAK DWN STG 1 PERFS @ 6044 PSI @ 9.5 BPM, STEP DWN RATE IN 4 STGS, ISIP 4152 PSI, 5 MIN 4027 PSI, 10 MIN 3959 PSI, F.G. .83, TREAT PERFS W/ 5000 GALS 15% ACID, 3000 LBS 100 MESH IN 1/2 PPG STG, 26,000 LBS THS 30/50 IN 1/2 LB & 1 LB IN SLICK WATER STGS & 74,000 LBS THS 30/50 IN 2 & 3 LB GELLED STGS, ISIP 4506 PSI, AVG RATE 75.5 BPM, MAX RATE 76.7 BPM, AVG PRESSURE 5397 PSI & MAX PRESSURE 6580 PSI, F.G. .87, 3098 BBLS TO RECOVER, SHUT WELL IN & TURN OVER TO WIRE LINE. |
|            | 10:00 13:30    | 3.50          | STG02  | 21       |     | P       |              | PRESSURE TEST LUBRICATOR TO 5000 PSI, RIH & SET 7" CBP @ 10,045'. PERFORATE STAGE 2 PERFORATIONS 10032' TO 9768', USING 3-1/8" TAG-RTG GUNS, USING TITANS DEEP PENETRATING 22.7 GRAM CHARGES, 3 SPF, 120 DEGREE PHASING. STARTING PRESSURE 4200 PSI ENDING 3900 PSI, SHUT WELL IN & TURN OVER TO FRAC CREW.  |
|            | 13:30 15:00    | 1.50          | STG02  | 35       |     | P       |              | TEST PUMP LINES TO 8308 PSI, OPEN WELL CSG PSI 3515 PSI, BREAK DWN STG 2 PERFS @ 7017 PSI @ 9.2 BPM, ISIP 4499, F.G. .87, TREAT PERFS W/ 20,000 GALS 15% HCL ACID DROPPING 49 BIO BALLS MID WAY THRU ACID, FLUSH AWAY W/ 382 BBLS 2% KCL 10 BBLS PAST BTM PERF, ISIP 4470 PSI, 5 MIN 4388 PSI, 10 MIN 4342 PSI, 15 MIN 4324 PSI, AVG RATE 17.3 BPM, MAX RATE 44.6 BPM, AVG PRESSURE 6277 PSI, MAX PRESSURE 7385 PSI, F.G. .86, 1006 BBLS TO RECOVER  |
|            | 15:00 17:00    | 2.00          | STG03  | 21       |     | P       |              | PRESSURE TEST LUBRICATOR TO 5000 PSI, RIH & SET 7" CBP @ 9715'. PERFORATE STAGE 3 PERFORATIONS 9702' TO 9507', USING 3-1/8" TAG-RTG GUNS, USING TITANS DEEP PENETRATING 22.7 GRAM CHARGES, 3 SPF, 120 DEGREE PHASING. STARTING PRESSURE 4200 PSI ENDING 3000 PSI, SHUT WELL IN & TURN OVER TO FRAC CREW.   |
|            | 17:00 18:00    | 1.00          | STG03  | 35       |     | P       |              | TEST PUMP LINES TO 8347 PSI, OPEN WELL CSG PSI 2203 PSI, BREAK DWN STG 3 PERFS @ 3755 PSI @ 10 BPM, ISIP 3029 PSI, F.G. .73, TREAT PERFS W/ 20,000 GALS 15% HCL ACID DROPPING 60 BIO BALLS MID WAY THRU ACID, FLUSH AWAY W/ 370 BBLS 2% KCL 10 BBLS PAST BTM PERF, ISIP 2621 PSI, 5 MIN 2342 PSI, 10 MIN 2232 PSI, 15 MIN 2167 PSI, AVG RATE 35.3 BPM, MAX RATE 48.3 BPM, AVG PRESSURE 5424 PSI, MAX PRESSURE 6856 PSI, F.G. .69, 856 BBLS TO RECOVER, SHUT WELL IN  |
|            | 18:00 19:00    | 1.00          | RDMO   | 02       |     | P       |              | RIG DWN & MOVE OUT FRAC CREW   |

## 2.1 Operation Summary (Continued)

| Date       | Time Start-End | Duration (hr) | Phase | Activity | Sub | OP Code | MD from (ft) | Operation  |
|------------|----------------|---------------|-------|----------|-----|---------|--------------|--|
|            | 19:00 6:00     | 11.00         | FB    | 19       |     | P       |              | OPEN WELL @ 1900 PSI ON 14/64 CHOKE TURN WELL OVER TO FLOW BACK CREW, FLOWED 451 BBLS WATER, CURRENT PRESSURE 200 PSI, FLOWING 30 BBLS AN HOUR   |
| 11/18/2014 | 6:00 7:30      | 1.50          | WOR   | 28       |     | P       |              | CT HOLD SAFETY MTG ON ND FRAC STACK, WRITE & REVIEW JSA'S  |
|            | 7:30 9:30      | 2.00          | WOR   | 26       |     | P       |              | 200 PSI ON CSG, MU & RIH W/ 7" CBP & SET @ 9470', POOH & RDMO WIRE LINE EQUIP  |
|            | 9:30 13:00     | 3.50          | WOR   | 16       |     | P       |              | BLEED WELL OFF, ND FRAC STACK, NU 5K BOP, SET CAT WALK & PIPE RACKS MOVE IN & UNLOAD 300 JTS NEW 2-7/8" EUE L-80 TBG   |
|            | 13:00 13:00    | 0.00          | WOR   | 24       |     | P       |              | TALLY MU & RIH W/ 6" ROCK BIT, 2-7/8" EUE X 3-1/2" REG BIT SUB, 34 JTS 2-7/8" EUE L-80 TBG OUT OF DERRICK, TALLY & PU 174 NEW JTS 2-7/8" EUE L-80 TBG, EOT @ 6780' SECURE WELL SDFN  |
| 11/19/2014 | 6:00 7:30      | 1.50          | WOR   | 28       |     | P       |              | CREW TRAVEL TO LOC, HOLD SAFETY MTG ON PU TBG, WRITE & REVIEW JSA'S  |
|            | 7:30 8:30      | 1.00          | WOR   | 15       |     | P       |              | 150 PSI ON SITP & CSG PSI, BLOW DWN WELL, PUMP 20 BBLS 2% KCL DWN TBG  |
|            | 8:30 11:30     | 3.00          | WOR   | 24       |     | P       |              | CONT TALLYING & P.U. 126 NEW JTS 2-7/8" EUE L-80 TBG, TAG 7" CBP @ 9470' ON JT # 292   |
|            | 11:30 17:00    | 5.50          | WOR   | 10       |     | P       |              | RU POWER SWIVEL, BEGIN REVERSE CIRCULATING, DRILL OUT 7" CBP @ 9470', CIRC TBG CLEAN, PUMP 20 BBLS BRINE DWN TBG, SWIVEL DWN 7 JTS 2-7/8" TBG TAG PLUG @ 9715' ON JT # 299, BEGIN REVERSE CIRCULATING DRILL OUT 7" CBP @ 9715', CIRC TBG CLEAN, PUMP 20 BBLS BRINE DWN TBG, SWIVEL DWN 10 JTS 2-7/8" TBG, TAG 7" CBP @ 10045' ON JT # 309, BEGIN CIRCULATING DRILL TOP OF 7" CBP OFF OF PLUG @ 10045', PRESSURE CLIMBED TO 1850 PSI, DRILLING RUBBER STARTED LEAKING, SHUT PIPE RAMS, CIRC TBG CLEAN, PUMP 25 BBLS BRINE DOWN TBG W/ CSG FLOWING TO FLOW BACK TANK, TBG NOT DEAD PUMP 35 BBLS BRINE DWN TBG, NOT DEAD, PUMP 30 BBLS BRINE DWN TBG SHUT TBG IN FOR 30 MIN & ATTEMPT TO BLEED OFF NO LUCK, SHUT TBG IN |
|            | 17:00 6:00     | 13.00         | FB    | 19       |     | P       |              | HOOK CSG UP TO SALES, OPEN WELL ON 20/48" CHOKE @ 1150 PSI, TURN WELL OVER TO FLOW BACK CREW, WELL FLOWING @ 650 PSI, ON 20/64 CHOKE, FLOWED 250 BBLS OIL & 489 BBLS WATER   |
| 11/20/2014 | 6:00 7:30      | 1.50          | WOR   | 28       |     | P       |              | CT HOLD SAFETY MTG ON CHANGING OUT DRILLING RUBBER, WRITE & REVIEW JSA'S   |
|            | 7:30 9:00      | 1.50          | WOR   | 18       |     | P       |              | SITP 200 PSI, BLOW DWN TBG, PUMP 15 BBLS BRINE DWN TBG, CHANGE OUT DRILLING RUBBER   |
|            | 9:00 12:00     | 3.00          | WOR   | 10       |     | P       |              | BEGIN CIRCULATING, CONT DRILLING OUT CBP @ 10045', CIRC TBG CLEAN, PUMP 15 BBLS BRINE DWN TBG, SWIVEL DWN 10 JTS 2-7/8" TBG, TAG BTM OF PLUG & FINISH DRILL UP CBP ON TOP OF LINER   |
|            | 12:00 13:00    | 1.00          | WOR   | 06       |     | P       |              | CIRC TBG CLEAN, RIG DWN POWER SWIVEL   |
|            | 13:00 14:30    | 1.50          | WOR   | 39       |     | P       |              | LAY DWN 33 JTS 2-7/8" EUE L-80 TBG, TOO H & STAND BACK IN DERRICK W/ 72 JTS 2-7/8" EUE L-80 TBG, SECURE WELL SDFN  |
|            | 14:30 6:00     | 15.50         | FB    | 19       |     | P       |              | TURN WELL OVER TO FLOW BACK CREW FLOWING UP CSG TO SALES ON 20/64 CHOKE, WELL FLOWING @ 150 PSI, FLOWED 290 BBLS OIL, 123 BBLS WATER & 7 MCF   |
| 11/21/2014 | 6:00 7:30      | 1.50          | WOR   | 28       |     | P       |              | CT HOLD SAFETY MTG ON ICE PLUGS, WRITE & REVIEW JSA'S  |
|            | 7:30 9:00      | 1.50          | WOR   | 15       |     | P       |              | SITP 225 PSI, CSG 200 PSI, CIRC WELL W/ 220 BBLS BRINE WATER   |
|            | 9:00 11:00     | 2.00          | WOR   | 39       |     | P       |              | TOOH W/ 110 JTS 2-7/8" EUE L-80 TBG  |
|            | 11:00 12:00    | 1.00          | WOR   | 15       |     | P       |              | CIRC WELL W/ 100 BBLS BRINE WATER  |

## 2.1 Operation Summary (Continued)

| Date       | Time Start-End | Duration (hr) | Phase   | Activity | Sub | OP Code | MD from (ft) | Operation  |
|------------|----------------|---------------|---------|----------|-----|---------|--------------|--|
|            | 12:00 13:30    | 1.50          | WOR     | 39       |     | P       |              | CONT TOO H W/ 103 JTS 2-7/8" EUE L-80 TBG, BIT SUB & 6" ROCK BIT   |
|            | 13:30 16:00    | 2.50          | WOR     | 39       |     | P       |              | MU & RIH W/ 5-3/4" SOLID NO/GO, 2 JTS 2-7/8" EUE L-80 TBG, 5-1/2" PBGA, 2' X 2-7/8" EUE N-80 TBG SUB, 2-7/8" +45 P.S.N. 4' X 2-7/8" EUE N-80 TBG SUB, 4 JTS 2-7/8" EUE L-80 TBG, 7" TAC & 281 JTS 2-7/8" EUE L-80 TBG                              |
|            | 16:00 17:30    | 1.50          | WOR     | 16       |     | P       |              | SET 7" TAC @ 9170', P.S.N. 9307' & EOT @ 9407', LAND TBG ON HANGER, RIG DWN WORK FLOOR, NDBOP, POOH & LAY DWN DWN TBG HANGER & 6' X 2-7/8" TBG SUB, LAND TBG ON 10K B FLANGE IN 25,000 TENSION, NUWH, RACK OUT PUMP & PUMP LINES, SECURE WELL SDFN |
| 11/22/2014 | 6:00 7:30      | 1.50          | INARTLT | 28       |     | P       |              | TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RUNNING RODS. FILL OUT & REVIEW JSA.  |
|            | 7:30 8:30      | 1.00          | INARTLT | 16       |     | P       |              | NU WELLHEAD & PLUMB CHOKE LINE.  |
|            | 8:30 10:00     | 1.50          | INARTLT | 06       |     | P       |              | FLUSH TBG W/ 60 BBLS 2% KCL WTR. PUMP 45 BBLS 10 PPG BRINE WTR DOWN TBG .  |
|            | 10:00 10:00    | 0.00          | INARTLT | 39       |     | P       |              |  |
| 11/23/2014 | 6:00 7:30      | 1.50          | INARTLT | 28       |     | P       |              | TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RIH W/ RODS. FILL OUT & REVIEW JSA  |
|            | 7:30 8:30      | 1.00          | INARTLT | 16       |     | P       |              | NU WELLHEAD & PLUMB FLOWLINES  |
|            | 8:30 10:00     | 1.50          | INARTLT | 06       |     | P       |              | FLUSH TBG W/ 60 BBLS 2% KCL WTR. KILL TBG W/ 30 BBLS 10 PPG BRINE WTR  |
|            | 10:00 14:00    | 4.00          | INARTLT | 39       |     | P       |              | TIH W/ 2-1/2" X 1-1/2" RHBC PUMP, 14 1-1/2" WEIGHT RODS, 175 3/4" RODS, 98 7/8" RODS & 83 1" RODS, PICKING UP & LAYING DOW RODS AS NEEDED FOR ROD STAR. SPACE OUT W/ 2' X 1" PONY ROD & 1-1/2" X 40' POLISH ROD                                    |
|            | 14:00 14:30    | 0.50          | INARTLT | 06       |     | P       |              | FILL TBG W/ 8 BBLS 2% KCL WTR. STROKE TEST PUMP TO 1000 PSI. TESTED GOOD   |
|            | 14:30 17:30    | 3.00          | RDMO    | 02       |     | P       |              | RD RIG. SLIDE UNIT PWOP  |

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|  |  |
|--|--|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b>                                  |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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:<br>FEE |
|  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:          |
|  | 7. UNIT or CA AGREEMENT NAME:                  |
| 1. TYPE OF WELL<br>Oil Well  | 8. WELL NAME and NUMBER:<br>HORROCKS 4-20A1    |
| 2. NAME OF OPERATOR:<br>EP ENERGY E&P COMPANY, L.P.  | 9. API NUMBER:<br>43013501550000               |
| 3. ADDRESS OF OPERATOR:<br>1001 Louisiana , Houston, TX, 77002   | PHONE NUMBER:<br>713 997-5038 Ext              |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE:<br>0673 FSL 1963 FWL<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>Qtr/Qtr: SESW Section: 20 Township: 01.0S Range: 01.0W Meridian: U   | 9. FIELD and POOL or WILDCAT:<br>BLUEBELL      |
|  | COUNTY:<br>DUCHESNE                            |
|  | STATE:<br>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<br>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<br>Date of Work Completion:<br>4/13/2015 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME                          |
| <input type="checkbox"/> SPUD REPORT<br>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<br>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="DO Plugs"/> |

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

Drilled out plugs. Open Perfs: 14057'-14296', 13682'-14003', 13465'-13633', 13188'-13416', 12958'-13131', 12689'-12893', 12364'-12650', 11867'-12302', 11338'-11742', 10867'-11252', 10426'-10686'. See attached for details.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 July 07, 2015**

|  |                                     |  |
|--|-------------------------------------|--|
| <b>NAME (PLEASE PRINT)</b><br>Maria S. Gomez | <b>PHONE NUMBER</b><br>713 997-5038 | <b>TITLE</b><br>Principal Regulatory Analyst |
| <b>SIGNATURE</b><br>N/A                      | <b>DATE</b><br>6/17/2015            |  |

## CENTRAL DIVISION

ALTAMONT FIELD  
HORROCKS 4-20A1  
HORROCKS 4-20A1  
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                | HORROCKS 4-20A1                      |          |                    |
| Project             | ALTAMONT FIELD                       | Site     | HORROCKS 4-20A1    |
| Rig Name/No.        |                                      | Event    | RECOMPLETE LAND    |
| Start date          | 11/6/2014                            | End date | 4/13/2015          |
| Spud Date/Time      | 1/20/2010                            | UWI      | 020-001-S 001-W 30 |
| Active datum        | KB @5,595.0ft (above Mean Sea Level) |          |                    |
| Afe No./Description | 163912/52687 / HORROCKS 4-20A1       |          |                    |

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

| Date       | Time Start-End | Duration (hr) | Phase  | Activity | Sub | OP Code | MD from (ft) | Operation   |
|------------|----------------|---------------|--------|----------|-----|---------|--------------|---|
| 11/8/2014  | 6:00 7:30      | 1.50          | WOR    | 28       |     | P       |              | CT HOLD SAFETY MTG ON, OVER HEAD LOADS, WRITE & REVIEW JSA'S, WHILE PUMPING 60 BBLs DWN CSG W/ HOT OILER  |
|            | 7:30 10:30     | 3.00          | WOR    | 39       |     | P       |              | LD POLISH ROD, WORK PUMP OFF SEAT, LAY DWN ROD SUBS, FLUSH RODS W/ 60 BBLs 2% KCL, TOO H W/ 68-1", 120-7/8", 210-3/4" RODS, LAY DWN 8 WT BARS, 2-1/2" X 1-1/2" X 38' PUMP & DIP TUBE  |
|            | 10:30 12:00    | 1.50          | WOR    | 16       |     | P       |              | CHANGE OVER TO TBG EQUIP, NDWH, RELEASE 7" TAC @ 10116', NUBOP, RU WORK FLOOR & TBG TONGS   |
|            | 12:00 17:00    | 5.00          | WOR    | 39       |     | P       |              | MIRU P.R.S. SCANNING EQUIP, SCAN OUT OF HOLE W/ 34 JTS YELLOW BAND, 159 JTS BLUE BAND & 18 JTS RED BAND 2-7/8" EUE L-80 TBG, SECURE WELL SDFW   |
| 11/9/2014  | 6:00 6:00      | 24.00         | WOR    | 18       |     | P       |              | NO ACTIVITY SDFW  |
| 11/10/2014 | 6:00 6:00      | 24.00         | WOR    | 18       |     | P       |              | NO ACTIVITY SDFW  |
| 11/11/2014 | 6:00 7:30      | 1.50          | WOR    | 28       |     | P       |              | CT HOLD SAFETY MTG ON, SCANNING TBG OPERATIONS, WRITE & REVIEW JSA'S  |
|            | 7:30 11:00     | 3.50          | WOR    | 39       |     | P       |              | 0 PSI ON WELL, RU SCANNING EQUIP, CONT SCANNING TBG OUT OF HOLE, LAY DWN PROD BHA, HAD A TOTAL OF 34 JTS YELLOW BAND, 225 JTS BLUE BAND & 59 JTS RED BAND 2-7/8" EUE L-80 TBG, RIG DWN SCANNING EQUIP   |
|            | 11:00 18:00    | 7.00          | WLWORK | 26       |     | P       |              | MIRU CUTTERS WIRE LINE, RIH W/ 3.625 GR/JB TO 10450', RIH SET 4-1/2" 15.1# CBP @ 10420', FILL CSG W/ 334 BBLs 2% KCL, FLUID LEVEL @ 8993', PRESSURE CSG TO 2000 PSI SET 2nd 4-1/2" 15.1# CBP @ 10415', RIH & DUMP BAIL 10' CMT ON CBP, RIG DWN W.L., SECURE WELL SDFN |
| 11/12/2014 | 6:00 6:00      | 24.00         | WOR    | 18       |     | P       |              | NO ACTIVITY ON LOC, ATTEND CONSULTANT SAFETY MTG  |
| 11/13/2014 | 6:00 7:30      | 1.50          | WOR    | 28       |     | P       |              | CREW TRAVEL HOLD SAFETY MTG ON NDBOP, WRIT & REVIEW JSA'S   |
|            | 7:30 13:00     | 5.50          | WOR    | 16       |     | P       |              | NDBOP, NUFRAC STACK TEST CSG TO 7600 PSI, & STACK TO 10,000 PSI CHART TESTS, GOOD TEST, SECURE WELL SDFN  |
| 11/14/2014 | 6:00 7:30      | 1.50          | WOR    | 28       |     | P       |              | CT HOLD SAFETY MTG ON WIRE LINE OPERATIONS WRITE & REVIEW JSA'S   |

## 2.1 Operation Summary (Continued)

| Date       | Time Start-End | Duration (hr) | Phase  | Activity | Sub | OP Code | MD from (ft) | Operation  |
|------------|----------------|---------------|--------|----------|-----|---------|--------------|--|
|            | 7:30 15:00     | 7.50          | WLWORK | 21       |     | P       |              | MIRU CUTTERS WIRE LINE, RIH W/ 7" GR/JB TO 10100', RIH & PERF STG 1 PERFS FROM 10,374' 10,066' USING 3-1/8" TAG-RTG GUNSTITANS DEEP PENETRATING 22.7 GM CHRGS, 3 SPF @ 120 DEG PHASING, STARTING PRESSURE 1000 PSI ENDING PRESSURE 800 PSI, ALL PERFS ARE CORRELATED TO LONE WOLF WIRE LINE CBL, GR & CBL RUN #1 ON 2/20/11, SECURE WELL SDFD  |
| 11/15/2014 | 6:00 6:00      | 24.00         | WOR    | 18       |     | P       |              | NO ACTIVITY WAITING ON FRAC CREW   |
| 11/16/2014 | 6:00 7:30      | 1.50          | WOR    | 28       |     | P       |              | CT HOLD SAFETY MTG ON RU FRAC CREW, WRITE & REVIEW JSA'S   |
|            | 7:30 15:30     | 8.00          | MIRU   | 01       |     | P       |              | MOVE WEATHERFORD FRAC EQUIPMENT ONTO LOCATION, HAD TO MAKE 2 TRIPS TO GET ALL EQUIPMENT ON LOCATION, SPOT IN & RU, SDFD  |
| 11/17/2014 | 6:00 7:30      | 1.50          | STG01  | 28       |     | P       |              | CT HOLD SAFETY MTG ON FRACING OPERATIONS, WRITE & REVIEW JSA'S   |
|            | 7:30 8:30      | 1.00          | STG01  | 18       |     | P       |              | START & WARM UP EQUIPMENT  |
|            | 8:30 10:00     | 1.50          | STG01  | 35       |     | P       |              | TEST PUMP LINES TO 8469 PSI, OPEN WELL CSG PSI 308 PSI, BREAK DWN STG 1 PERFS @ 6044 PSI @ 9.5 BPM, STEP DWN RATE IN 4 STGS, ISIP 4152 PSI, 5 MIN 4027 PSI, 10 MIN 3959 PSI, F.G. .83, TREAT PERFS W/ 5000 GALS 15% ACID, 3000 LBS 100 MESH IN 1/2 PPG STG, 26,000 LBS THS 30/50 IN 1/2 LB & 1 LB IN SLICK WATER STGS & 74,000 LBS THS 30/50 IN 2 & 3 LB GELLED STGS, ISIP 4506 PSI, AVG RATE 75.5 BPM, MAX RATE 76.7 BPM, AVG PRESSURE 5397 PSI & MAX PRESSURE 6580 PSI, F.G. .87, 3098 BBLS TO RECOVER, SHUT WELL IN & TURN OVER TO WIRE LINE. |
|            | 10:00 13:30    | 3.50          | STG02  | 21       |     | P       |              | PRESSURE TEST LUBRICATOR TO 5000 PSI, RIH & SET 7" CBP @ 10,045'. PERFORATE STAGE 2 PERFORATIONS 10032' TO 9768', USING 3-1/8" TAG-RTG GUNS, USING TITANS DEEP PENETRATING 22.7 GRAM CHARGES, 3 SPF, 120 DEGREE PHASING. STARTING PRESSURE 4200 PSI ENDING 3900 PSI, SHUT WELL IN & TURN OVER TO FRAC CREW.  |
|            | 13:30 15:00    | 1.50          | STG02  | 35       |     | P       |              | TEST PUMP LINES TO 8308 PSI, OPEN WELL CSG PSI 3515 PSI, BREAK DWN STG 2 PERFS @ 7017 PSI @ 9.2 BPM, ISIP 4499, F.G. .87, TREAT PERFS W/ 20,000 GALS 15% HCL ACID DROPPING 49 BIO BALLS MID WAY THRU ACID, FLUSH AWAY W/ 382 BBLS 2% KCL 10 BBLS PAST BTM PERF, ISIP 4470 PSI, 5 MIN 4388 PSI, 10 MIN 4342 PSI, 15 MIN 4324 PSI, AVG RATE 17.3 BPM, MAX RATE 44.6 BPM, AVG PRESSURE 6277 PSI, MAX PRESSURE 7385 PSI, F.G. .86, 1006 BBLS TO RECOVER  |
|            | 15:00 17:00    | 2.00          | STG03  | 21       |     | P       |              | PRESSURE TEST LUBRICATOR TO 5000 PSI, RIH & SET 7" CBP @ 9715'. PERFORATE STAGE 3 PERFORATIONS 9702' TO 9507', USING 3-1/8" TAG-RTG GUNS, USING TITANS DEEP PENETRATING 22.7 GRAM CHARGES, 3 SPF, 120 DEGREE PHASING. STARTING PRESSURE 4200 PSI ENDING 3000 PSI, SHUT WELL IN & TURN OVER TO FRAC CREW.   |
|            | 17:00 18:00    | 1.00          | STG03  | 35       |     | P       |              | TEST PUMP LINES TO 8347 PSI, OPEN WELL CSG PSI 2203 PSI, BREAK DWN STG 3 PERFS @ 3755 PSI @ 10 BPM, ISIP 3029 PSI, F.G. .73, TREAT PERFS W/ 20,000 GALS 15% HCL ACID DROPPING 60 BIO BALLS MID WAY THRU ACID, FLUSH AWAY W/ 370 BBLS 2% KCL 10 BBLS PAST BTM PERF, ISIP 2621 PSI, 5 MIN 2342 PSI, 10 MIN 2232 PSI, 15 MIN 2167 PSI, AVG RATE 35.3 BPM, MAX RATE 48.3 BPM, AVG PRESSURE 5424 PSI, MAX PRESSURE 6856 PSI, F.G. .69, 856 BBLS TO RECOVER, SHUT WELL IN  |
|            | 18:00 19:00    | 1.00          | RDMO   | 02       |     | P       |              | RIG DWN & MOVE OUT FRAC CREW   |

## 2.1 Operation Summary (Continued)

| Date       | Time Start-End | Duration (hr) | Phase | Activity | Sub | OP Code | MD from (ft) | Operation  |
|------------|----------------|---------------|-------|----------|-----|---------|--------------|--|
|            | 19:00 6:00     | 11.00         | FB    | 19       |     | P       |              | OPEN WELL @ 1900 PSI ON 14/64 CHOKE TURN WELL OVER TO FLOW BACK CREW, FLOWED 451 BBLS WATER, CURRENT PRESSURE 200 PSI, FLOWING 30 BBLS AN HOUR   |
| 11/18/2014 | 6:00 7:30      | 1.50          | WOR   | 28       |     | P       |              | CT HOLD SAFETY MTG ON ND FRAC STACK, WRITE & REVIEW JSA'S  |
|            | 7:30 9:30      | 2.00          | WOR   | 26       |     | P       |              | 200 PSI ON CSG, MU & RIH W/ 7" CBP & SET @ 9470', POOH & RDMO WIRE LINE EQUIP  |
|            | 9:30 13:00     | 3.50          | WOR   | 16       |     | P       |              | BLEED WELL OFF, ND FRAC STACK, NU 5K BOP, SET CAT WALK & PIPE RACKS MOVE IN & UNLOAD 300 JTS NEW 2-7/8" EUE L-80 TBG   |
|            | 13:00 13:00    | 0.00          | WOR   | 24       |     | P       |              | TALLY MU & RIH W/ 6" ROCK BIT, 2-7/8" EUE X 3-1/2" REG BIT SUB, 34 JTS 2-7/8" EUE L-80 TBG OUT OF DERRICK, TALLY & PU 174 NEW JTS 2-7/8" EUE L-80 TBG, EOT @ 6780' SECURE WELL SDFN  |
| 11/19/2014 | 6:00 7:30      | 1.50          | WOR   | 28       |     | P       |              | CREW TRAVEL TO LOC, HOLD SAFETY MTG ON PU TBG, WRITE & REVIEW JSA'S  |
|            | 7:30 8:30      | 1.00          | WOR   | 15       |     | P       |              | 150 PSI ON SITP & CSG PSI, BLOW DWN WELL, PUMP 20 BBLS 2% KCL DWN TBG  |
|            | 8:30 11:30     | 3.00          | WOR   | 24       |     | P       |              | CONT TALLYING & P.U. 126 NEW JTS 2-7/8" EUE L-80 TBG, TAG 7" CBP @ 9470' ON JT # 292   |
|            | 11:30 17:00    | 5.50          | WOR   | 10       |     | P       |              | RU POWER SWIVEL, BEGIN REVERSE CIRCULATING, DRILL OUT 7" CBP @ 9470', CIRC TBG CLEAN, PUMP 20 BBLS BRINE DWN TBG, SWIVEL DWN 7 JTS 2-7/8" TBG TAG PLUG @ 9715' ON JT # 299, BEGIN REVERSE CIRCULATING DRILL OUT 7" CBP @ 9715', CIRC TBG CLEAN, PUMP 20 BBLS BRINE DWN TBG, SWIVEL DWN 10 JTS 2-7/8" TBG, TAG 7" CBP @ 10045' ON JT # 309, BEGIN CIRCULATING DRILL TOP OF 7" CBP OFF OF PLUG @ 10045', PRESSURE CLIMBED TO 1850 PSI, DRILLING RUBBER STARTED LEAKING, SHUT PIPE RAMS, CIRC TBG CLEAN, PUMP 25 BBLS BRINE DOWN TBG W/ CSG FLOWING TO FLOW BACK TANK, TBG NOT DEAD PUMP 35 BBLS BRINE DWN TBG, NOT DEAD, PUMP 30 BBLS BRINE DWN TBG SHUT TBG IN FOR 30 MIN & ATTEMPT TO BLEED OFF NO LUCK, SHUT TBG IN |
|            | 17:00 6:00     | 13.00         | FB    | 19       |     | P       |              | HOOK CSG UP TO SALES, OPEN WELL ON 20/48" CHOKE @ 1150 PSI, TURN WELL OVER TO FLOW BACK CREW, WELL FLOWING @ 650 PSI, ON 20/64 CHOKE, FLOWED 250 BBLS OIL & 489 BBLS WATER   |
| 11/20/2014 | 6:00 7:30      | 1.50          | WOR   | 28       |     | P       |              | CT HOLD SAFETY MTG ON CHANGING OUT DRILLING RUBBER, WRITE & REVIEW JSA'S   |
|            | 7:30 9:00      | 1.50          | WOR   | 18       |     | P       |              | SITP 200 PSI, BLOW DWN TBG, PUMP 15 BBLS BRINE DWN TBG, CHANGE OUT DRILLING RUBBER   |
|            | 9:00 12:00     | 3.00          | WOR   | 10       |     | P       |              | BEGIN CIRCULATING, CONT DRILLING OUT CBP @ 10045', CIRC TBG CLEAN, PUMP 15 BBLS BRINE DWN TBG, SWIVEL DWN 10 JTS 2-7/8" TBG, TAG BTM OF PLUG & FINISH DRILL UP CBP ON TOP OF LINER   |
|            | 12:00 13:00    | 1.00          | WOR   | 06       |     | P       |              | CIRC TBG CLEAN, RIG DWN POWER SWIVEL   |
|            | 13:00 14:30    | 1.50          | WOR   | 39       |     | P       |              | LAY DWN 33 JTS 2-7/8" EUE L-80 TBG, TOO H & STAND BACK IN DERRICK W/ 72 JTS 2-7/8" EUE L-80 TBG , SECURE WELL SDFN   |
|            | 14:30 6:00     | 15.50         | FB    | 19       |     | P       |              | TURN WELL OVER TO FLOW BACK CREW FLOWING UP CSG TO SALES ON 20/64 CHOKE, WELL FLOWING @ 150 PSI, FLOWED 290 BBLS OIL, 123 BBLS WATER & 7 MCF   |
| 11/21/2014 | 6:00 7:30      | 1.50          | WOR   | 28       |     | P       |              | CT HOLD SAFETY MTG ON ICE PLUGS, WRITE & REVIEW JSA'S  |
|            | 7:30 9:00      | 1.50          | WOR   | 15       |     | P       |              | SITP 225 PSI, CSG 200 PSI, CIRC WELL W/ 220 BBLS BRINE WATER   |
|            | 9:00 11:00     | 2.00          | WOR   | 39       |     | P       |              | TOOH W/ 110 JTS 2-7/8" EUE L-80 TBG  |
|            | 11:00 12:00    | 1.00          | WOR   | 15       |     | P       |              | CIRC WELL W/ 100 BBLS BRINE WATER  |

## 2.1 Operation Summary (Continued)

| Date       | Time Start-End | Duration (hr) | Phase   | Activity | Sub | OP Code | MD from (ft) | Operation   |
|------------|----------------|---------------|---------|----------|-----|---------|--------------|---|
|            | 12:00 13:30    | 1.50          | WOR     | 39       |     | P       |              | CONT TOOH W/ 103 JTS 2-7/8" EUE L-80 TBG, BIT SUB & 6" ROCK BIT   |
|            | 13:30 16:00    | 2.50          | WOR     | 39       |     | P       |              | MU & RIH W/ 5-3/4" SOLID NO/GO, 2 JTS 2-7/8" EUE L-80 TBG, 5-1/2" PBGA, 2' X 2-7/8" EUE N-80 TBG SUB, 2-7/8" +45 P.S.N. 4' X 2-7/8" EUE N-80 TBG SUB, 4 JTS 2-7/8" EUE L-80 TBG, 7" TAC & 281 JTS 2-7/8" EUE L-80 TBG   |
|            | 16:00 17:30    | 1.50          | WOR     | 16       |     | P       |              | SET 7" TAC @ 9170', P.S.N. 9307' & EOT @ 9407', LAND TBG ON HANGER, RIG DWN WORK FLOOR, NDBOP, POOH & LAY DWN DWN TBG HANGER & 6' X 2-7/8" TBG SUB, LAND TBG ON 10K B FLANGE IN 25,000 TENSION, NUWH, RACK OUT PUMP & PUMP LINES, SECURE WELL SDFN  |
| 11/22/2014 | 6:00 7:30      | 1.50          | INARTLT | 28       |     | P       |              | TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RUNNING RODS. FILL OUT & REVIEW JSA.   |
|            | 7:30 8:30      | 1.00          | INARTLT | 16       |     | P       |              | NU WELLHEAD & PLUMB CHOKE LINE.   |
|            | 8:30 10:00     | 1.50          | INARTLT | 06       |     | P       |              | FLUSH TBG W/ 60 BBLS 2% KCL WTR. PUMP 45 BBLS 10 PPG BRINE WTR DOWN TBG .   |
|            | 10:00 10:00    | 0.00          | INARTLT | 39       |     | P       |              |   |
| 11/23/2014 | 6:00 7:30      | 1.50          | INARTLT | 28       |     | P       |              | TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RIH W/ RODS. FILL OUT & REVIEW JSA   |
|            | 7:30 8:30      | 1.00          | INARTLT | 16       |     | P       |              | NU WELLHEAD & PLUMB FLOWLINES   |
|            | 8:30 10:00     | 1.50          | INARTLT | 06       |     | P       |              | FLUSH TBG W/ 60 BBLS 2% KCL WTR. KILL TBG W/ 30 BBLS 10 PPG BRINE WTR   |
|            | 10:00 14:00    | 4.00          | INARTLT | 39       |     | P       |              | TIH W/ 2-1/2" X 1-1/2" RHBC PUMP, 14 1-1/2" WEIGHT RODS, 175 3/4" RODS, 98 7/8" RODS & 83 1" RODS, PICKING UP & LAYING DOW RODS AS NEEDED FOR ROD STAR. SPACE OUT W/ 2' X 1" PONY ROD & 1-1/2" X 40' POLISH ROD   |
|            | 14:00 14:30    | 0.50          | INARTLT | 06       |     | P       |              | FILL TBG W/ 8 BBLS 2% KCL WTR. STROKE TEST PUMP TO 1000 PSI. TESTED GOOD  |
|            | 14:30 17:30    | 3.00          | RDMO    | 02       |     | P       |              | RD RIG. SLIDE UNIT PWOP   |
| 4/8/2015   | 12:30 13:00    | 0.50          | MIRU    | 28       |     | P       |              | HSM WRITE AND REVIEW JSA TOPIC; MOVING RIG RIGGING UP   |
|            | 13:00 15:00    | 2.00          | MIRU    | 01       |     | P       |              | CSIP 300 PSI TSIP 100 PSI BLEED OFF WELL PUMP 60 BBLS OF HOT 2% KCL WATER DOWN CSG BLEED OFF TBG  |
|            | 15:00 16:10    | 1.17          | WOR     | 39       |     | P       |              | L/D POLISH ROD WORK PUMP OFF SEAT FLUSH TBG w 60 BBLS OF HOT 2% KCL WATER   |
|            | 16:10 19:00    | 2.83          | WOR     | 39       |     | P       |              | SOH w 82- 1" RODS 98-7/8" L/D 8-7/8" ACROSS 4125'-4325' RODS # 83-91SLK UPSET WORE 175-3/4" RODS L/D 13-1 1/2" K BARS L/D PUMP SECURE WELL TIW w NIGHT CAP 7" CSG CLOSED w NIGHT CAP 7" CSG OPEN TO SALES SDFN  |
| 4/9/2015   | 6:00 7:00      | 1.00          | WOR     | 28       |     | P       |              | CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; N/D WELL HEAD N/U BOPE  |
|            | 7:00 10:59     | 3.98          | WOR     | 16       |     | P       |              | CSIP 50 PSI TSIP 50 PSI BLEED OFF WELL N/D WELL HEAD N/U BOPE RELEASE TAC TOH w 281-JTS OF 2 7/8" TBG L/D BHA   |
|            | 10:59 16:00    | 5.02          | WOR     | 39       |     | P       |              | P/U 3 5/8" ROCK BIT TALLY AND P/U 129-JTS OF 2 3/8" CHANGE HANDLING TOOL FOR 2 7/8" TBG CONTINUE w 164-JTS OF 2 7/8" TBG STAY ABOVE TOP PERF AT 9507' EOT 9466' SECURE WELL TIW VALVE w NIGHT CAP PIPE RAMS CLOSED AND LOCKED 7" CSG CLOSED AND NIGHT CAP 7" CSG OPEN TO SALES R/U PUMP AND LINES SDFN      |
| 4/10/2015  | 6:00 7:00      | 1.00          | WOR     | 28       |     | P       |              | CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; C/O OPERATIONS  |
|            | 7:00 17:18     | 10.30         | WOR     | 10       |     | P       |              | TSIP 50 PSI CSIP 50 PSI BLEED OFF WELL TIH TAG AT 10385' TMD R/U POWE SWIVEL ESTABLISH CIRC w 840 BBLS OF 2% KCL WATER DRILL 7" PLUG REMAINS AT LINER DRILL CMT AND 4 1/2" PLUGS AT 10405' & 10420' WELL WENT VACUUM RE-ESTABLISH CIRC C/O TO 10456' R/D POWER SWIVELTIH TAG AT 14133' (BTM PERF AT 14296') |

## 2.1 Operation Summary (Continued)

| Date      | Time Start-End | Duration (hr) | Phase   | Activity | Sub | OP Code | MD from (ft) | Operation   |
|-----------|----------------|---------------|---------|----------|-----|---------|--------------|---|
|           | 17:18 19:00    | 1.70          | WOR     | 39       |     | P       |              | TOH w 155-JTS ABOVE LINER TOP AND TOP PERFS SECURE WELL TIW VALVE w NIGHT CAP PIPE RAMS CLOSED AND LOCKED 7" CSG CLOSED w NIGHT CAP 7" CSG OPEN TO SALES SDFN AM CONTINUE C/O TO PBTD EOT 9329'<br><br>PUMPED 2070 BBLS OF 2% KCL TODAY                               |
| 4/11/2015 | 6:00 7:00      | 1.00          | WOR     | 28       |     | P       |              | CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; C/O OPERATIONS  |
|           | 7:00 16:00     | 9.00          | WOR     | 39       |     | P       |              | CSIP 0 PSI TSIP 0 PSI TIH w 155-JTS OF 2 7/8" TBG TAG 14133' R/U POWER SWIVEL ESTABLISH CIRC w 1120 BBLS OF 2% KCL WATER CONTINUE C/O 4 1/2" LINER TO 14319' TMD CIRC WELL CLEAN  |
|           | 16:00 19:00    | 3.00          | WOR     | 39       |     | P       |              | R/D POWER SWIVEL L/D 34-JTS OF 2 7/8" TBG STAND BACK 116-JTS SECURE WELL TIW VALVE w NIGHT CAP PIPE RAMS CLOSED AND LOCKED 7" CSG CLOSED w NIGHT CAP 7" CSG OPEN TO SALES SDFN AM CONTINUE C/O TO PBTD EOT 9459'<br><br>PUMP 2160 BBLS OF 2% KCL TODAY                |
| 4/12/2015 | 6:00 7:00      | 1.00          | WOR     | 28       |     | P       |              | CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TBG  |
|           | 7:00 12:30     | 5.50          | WOR     | 39       |     | P       |              | FINISH TOH w C/O ASSEMBLY L/D BIT SUB AND BIT   |
|           | 12:30 16:30    | 4.00          | INSTUB  | 03       |     | P       |              | HSM UPDATE JSA TOPIC; PICKING UP PRODUCTION TBG...TALLY P/U 5 3/4" SOLID NO-GO 2-JTS OF 2 7/8" TBG 5 1/2" PBGA 2' X 2 7/8" TBG SUB 2 7/8" PSN 4' X 2 7/8" TGB SUB 4-JTS OF 2 7/8" TBG 7" TAC 309-JTS OF 2 7/8" TBG  |
|           | 16:30 18:00    | 1.50          | WOR     | 16       |     | P       |              | SET TAC AT 10213' 25K TENSION N/D BOPE N/U WELL HEAD SECURE WELL TIW VALVE w NIGHT CAP TBG OPEN TO SALES 7" CSG VALVE CLOSED w NIGHT CAP 7" CSG VALVE OPEN TO SALES SDFN  |
| 4/13/2015 | 6:00 6:00      | 24.00         | WOR     | 18       |     | P       |              | NO ACTIVITY SDFW  |
| 4/14/2015 | 6:00 7:30      | 1.50          | WOR     | 28       |     | P       |              | CT HOLD SAFETY MTG ON RIH W/ RODS & OVER HEAD LOADS, WRITE & REVIEW JSA'S, WHILE FLUSHING TBG W/ 65 BBLS 2% KCL   |
|           | 7:30 12:00     | 4.50          | INARTLT | 03       |     | P       |              | PU PRIME & RIH W/ 2-1/2" X 1-1/2" X 38' RHBC WALS PUMP, PU 17 1-1/2" WT BARS, RIH W/ 158-3/4" W/G, 131-7/8" MIXED & 98-1" MIXED RODS, PU & LD RODS AS NEEDED PER NEW ROD STAR, SPACE OUT RODS W/ 6', 4', 2-2' X 1" PONY RODS & NEW 1-1/2" X 40' POLISH ROD, SEAT PUMP |
|           | 12:00 14:00    | 2.00          | INARTLT | 03       |     | P       |              | FILL TBG W/ 40 BBLS 2% KCL, STROKE TEST PUMP TO 1000 PSI GOOD TEST, RIG DWN RIG, SLIDE IN P.U. HANG OFF RODS, STROKE TEST P.U., PICK UP LOC, TWOTP  |

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