

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs  
HOBBS OGD

FORM APPROVED  
OMB No. 1004-0135  
Expires: January 31, 2004

MAY 21 2013

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

Lease Serial No.

NMNM - 127446

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Pryor Federal-State Com 4H

9. API Well No.

30-025-40862

10. Field and Pool, or Exploratory Area

Ojo Chiso, Bone Spring South

11. County or Parish, State

Lea, NM

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
GMT Exploration Company, LLC

3a. Address  
1560 Broadway Suite 200 Denver, CO 80202

3b. Phone No. (include area code)  
303-586-9280

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
20°FNL & 430°FWL, Lat: 32.340856, Long: 103.430922  
Sec 1, T23S R23S R34E Lot #4

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |                                           |                                                    |                                                                    |
|-------------------------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                            |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                            |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <b>Completion Report</b> |
|                                                       | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |                                                                    |
|                                                       | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |                                                                    |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

1/27/2013- 01/22/2013

6:00 6:00 0.00 17th - TRAVEL TO MIDLAND & HOBBS.

6:00 6:00 0.00 18th - CHECK LOCATION, ROAD & FRAC PIT. START CALLING FOR EQUIPMENT.

6:00 6:00 0.00 19th - START MOVING IN FRAC TANKS.

6:00 6:00 0.00 20th - FINISH MOVING IN FRAC TANKS. SD WATER WELL.

6:00 6:00 0.00 21st - NU & TEST FRAC STACK TO 5000 PSI. INSTALL 15K ISOLATION TOOL. RU WATER TRANSFER & FILL FRAC TANKS.

6:00 11:00 5.00 22nd - MIRU BOOTS & COOTS 2" CTU.

11:00 14:00 3.00 NIPPLE UP TOOLS, MOTOR & JUNK MILL. TEST MOTOR. TEST LUBRICATOR TO 3500 PSI.

14:00 16:00 2.00 RIH W/4 1/2" MILL & MOTOR ON COIL TBG. CIRCULATE & WASH TO PBTD OF 13521'. PUMP SWEEP. DROP BALL.

16:00 18:30 2.50 DISPLACE CSG W/235 BBL TREATED WATER. TEST CSG & STACK TO 7500 PSI. TEST OK.

18:30 18:30 0.00 SPOT 1000 GAL 15% NEFE DI HCL FROM 13481' TO 12349'.

18:30 21:00 2.50 POH W/COIL TBG, MOTOR & MILL. SHUT IN.

Please See Attached Completions Summary

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Ashley E Buckner

Title Production Technician

Signature

Date

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

MAY 18 2013

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BUREAU OF LAND MANAGEMENT

(Instructions on page 2)

CARLSBAD FIELD OFFICE

JUN 24 2013

GMT Exploration Company LLC  
Pryor Federal-State #4H  
Completion Summary

01/17/2013 - 01/22/2013

|       |       |      |                                                                                                           |
|-------|-------|------|-----------------------------------------------------------------------------------------------------------|
| 6:00  | 6:00  | 0.00 | 17th - TRAVEL TO MIDLAND & HOBBS.                                                                         |
| 6:00  | 6:00  | 0.00 | 18th - CHECK LOCATION, ROAD & FRAC PIT. START CALLING FOR EQUIPMENT.                                      |
| 6:00  | 6:00  | 0.00 | 19th - START MOVING IN FRAC TANKS.                                                                        |
| 6:00  | 6:00  | 0.00 | 20th - FINISH MOVING IN FRAC TANKS. SD WATER WELL.                                                        |
| 6:00  | 6:00  | 0.00 | 21st - NU & TEST FRAC STACK TO 5000 PSI. INSTALL 15K ISOLATION TOOL. RU WATER TRANSFER & FILL FRAC TANKS. |
| 6:00  | 11:00 | 5.00 | 22nd - MIRU BOOTS & COOTS 2" CTU.                                                                         |
| 11:00 | 14:00 | 3.00 | NIPPLE UP TOOLS, MOTOR & JUNK MILL. TEST MOTOR. TEST LUBRICATOR TO 3500 PSI.                              |
| 14:00 | 16:00 | 2.00 | RIH W/4 1/2" MILL & MOTOR ON COIL TBG. CIRCULATE & WASH TO PBTD OF 13521'. PUMP SWEEP. DROP BALL.         |
| 16:00 | 18:30 | 2.50 | DISPLACE CSG W/235 BBL TREATED WATER. TEST CSG & STACK TO 7500 PSI. TEST OK.                              |
| 18:30 | 18:30 | 0.00 | SPOT 1000 GAL 15% NEFE DI HCL FROM 13481' TO 12349'.                                                      |
| 18:30 | 21:00 | 2.50 | POH W/COIL TBG, MOTOR & MILL. SHUT IN.                                                                    |

01/23/2013

|       |       |      |                                                                                                                                                                                                                         |
|-------|-------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6:00  | 7:30  | 1.50 | TRAVEL TO LOCATION.                                                                                                                                                                                                     |
| 7:30  | 9:00  | 1.50 | LAY DOWN MOTOR & TOOLS.                                                                                                                                                                                                 |
| 9:00  | 9:30  | 0.50 | NIPPLE UP 3 1/8" GUNS & FIREING HEAD ON COIL TBG.                                                                                                                                                                       |
| 9:30  | 12:00 | 2.50 | RIH W/GUNS ON COIL TBG. TAG PBTD @ 13521'. PULL UP & SPOT GUN TO FIRE 13481' TO 13483'. PERSSURE UP &                                                                                                                   |
| 12:00 | 13:00 | 1.00 | FIRE 1st GUN. PUMP DOWN CSG W/TREATED WATER. PERFS BROKE @ 7720 PSI. PUMP 10 BBL ACID @ 2.3 BPM. SD.                                                                                                                    |
| 13:00 | 13:00 | 0.00 | MOVE UP & PERF 13381-83', 13281-83' & 13181-83'. MOVE COIL TBG UP 1000'. PUMP DOWN CSG W/TREATED WATER. PERFS BROKE @ 4651 PSI. DISP ACID & FLUSH W/21 BW @ MAX 3.7 BPM. ISIP 3617 PSI. 5 MIN 1542 PSI. 10 MIN 1324 PSI |
| 13:00 | 13:00 | 0.00 | 15 MIN 1265 PSI.                                                                                                                                                                                                        |
| 13:00 | 16:00 | 3.00 | POH W/COIL TBG. SHUT WELL IN.                                                                                                                                                                                           |

|       |       |      |                                                                                                  |
|-------|-------|------|--------------------------------------------------------------------------------------------------|
| 16:00 | 16:30 | 0.50 | NIPPLE DOWN GUNS & TOOLS                                                                         |
| 16:30 | 20:00 | 3.50 | RIG DOWN & MOVE COIL UNIT & CRANE OFF LOCATION.                                                  |
|       |       |      |                                                                                                  |
|       |       |      | NOTE: WE USE A HIGH PRS PUMP ON THE CSG TO PRESSURE UP & FIRE THE GUNS, THEN BREAK DOWN &        |
|       |       |      | ESTABLISH INJ RATE. THE COIL PUMP IS ALSO PUMPING TO KEEP COIL PRESSURE UP. WE CAN GET MORE RATE |
|       |       |      | DOWN CSG THAN COIL, IF THE INJ PRESSURE IS NOT TO HIGH.                                          |

01/24/2013

|       |       |       |                                     |
|-------|-------|-------|-------------------------------------|
| 6:00  | 7:00  | 1.00  | TRAVEL TO LOCATION.                 |
| 7:00  | 18:00 | 11.00 | CHECK FRAC & ACID TANKS.            |
| 18:00 | 18:00 | 0.00  | SPOT BOOTS & COOTS CTU.             |
| 18:00 | 18:00 | 0.00  | SPOT CRANE.                         |
| 18:00 | 18:00 | 0.00  | MOVE IN SAND MASTERS.               |
| 18:00 | 18:00 | 0.00  | WAIT ON SAND.                       |
| 18:00 | 18:00 | 0.00  | WAIT ON HALLIBURTON FRAC EQUIPMENT. |

01/25/2013

|       |       |      |                                                                                                       |
|-------|-------|------|-------------------------------------------------------------------------------------------------------|
| 6:00  | 7:00  | 1.00 | TRAVEL TO LOCATION.                                                                                   |
| 7:00  | 15:00 | 8.00 | MOVE IN RIG UP HALLIBURTON FRAC & WIRELINE.                                                           |
| 15:00 | 15:00 | 0.00 | PRIME PUMPS. TEST CSG TO 9000 PSI.                                                                    |
| 15:00 | 18:30 | 3.50 | ATTEMPT TO FRAC 1st STAGE. PUMPED 36571 GAL SLICK WATER, 2500 GAL 15% NEFE HCL & 18641 GAL SLICK      |
|       |       |      | WATER W/5208# 40/70 SAND. SCREENED OUT W/29 SX SAND IN CSG. SHUT WELL IN @ 5:00 PM W/5100 PSI ON CSG. |
|       |       |      | RETURNED TO LOCATION & OPENED CSG TO TANKS @ 6:40 PM W/2000 PSI ON CSG. PRESSURE DROPPED TO 0 PSI     |
|       |       |      | IN LESS THAN 1 MIN W/NO FLOW. SHUT CSG IN.                                                            |
|       |       |      | PREP TO RU COIL TBG.                                                                                  |
|       |       |      | MAX PRS 7913 PSI.                                                                                     |
|       |       |      |                                                                                                       |

|  |  |  |                                                                                                |
|--|--|--|------------------------------------------------------------------------------------------------|
|  |  |  | BREAKDOWN W/64 BBL SLICK WATER @ 21 BPM MAX @ 12.8 BPM AVG @ 5342 PSI MAX @ 4157 PSI AVG.      |
|  |  |  | ACID SPEARHEAD W/60 BBL 15% HCL @ 26 BPM MAX @ 21 BPM AVG @ 5434 PSI MAX @ 5372 PSI AVG.       |
|  |  |  | PAD W/233 BBL SLICK WATER @ 45.5 BPM MAX @ 36.4 BPM AVG @ 7595 PSI MAX @ 6690 PSI AVG.         |
|  |  |  | PLF .3 PPG W/417 BBL SLICK WATER @ 52.2 BPM @ 43 BPM AVG @ 7546 PSI MAX @ 6613 PSI AVG.        |
|  |  |  | PLF .5 PPG W/26 BBL SLICK WATER @ 47.4 BPM MAX @ 31.4 BPM AVG @ 7748 PSI MAX @ 7311 AVG.       |
|  |  |  | JUMP TO FLUSH W/67 BBL SLICK WATER @ 21.7 BPM MAX @ 4.8 BPM AVG @ 7913 PSI MAX @ 6999 PSI AVG. |

01/26/2013

|       |       |      |                                                                                               |
|-------|-------|------|-----------------------------------------------------------------------------------------------|
| 6:00  | 7:00  | 1.00 | BOOTS & COOTS COIL ON LOCATION @ 5:00 AM.                                                     |
| 7:00  | 7:00  | 0.00 | RIG UP COIL PUMP. RIG UP TO WELLHEAD.                                                         |
| 7:00  | 16:00 | 9.00 | RIH W/JET NOZEL ON 2" COIL. WASH DOWN TO 13521' PUMPING SWEEPS. PUMP 20 BBL SWEEP ON BOTTOM.  |
| 16:00 | 16:00 | 0.00 | POH PUMPING. RIG DOWN COIL UNIT. SLIGHT SHOW OF OIL ON BOTTOMS UP. NO SHOW OF H2S.            |
| 16:00 | 16:30 | 0.50 | NIPPLE UP FLANGE & CAP ON WELLHEAD.                                                           |
| 16:30 | 17:00 | 0.50 | TEST LINER TO 9000 PSI. ATTEMPT TO RUN STEP RATE TEST. PUMPED A TOTAL OF 90 BBL SLICK WATER @ |
| 17:00 | 17:00 | 0.00 | MAX 10 BPM AVG 4.17 BPM. MAX PRS 8027 PSI AVG 6849 PSI. ISIP 8027 PSI.                        |
| 17:00 | 17:00 | 0.00 | SHUT IN.                                                                                      |

01/27/2013

|       |       |      |                                                                                                       |
|-------|-------|------|-------------------------------------------------------------------------------------------------------|
| 6:00  | 7:00  | 1.00 | BOOTS & COOTS COIL ON LOCATION @ 3:30 AM.                                                             |
| 7:00  | 9:00  | 2.00 | RIG UP COIL PUMP. NIPPLE UP 3 1/8" GUNS. RIG UP TO WELLHEAD.                                          |
| 9:00  | 15:00 | 6.00 | RIH W/GUNS. TAG @ 13282'. COULD NOT GET PAST 13282'. 239' SHORT. POH W/COIL & GUNS. NIPPLE DOWN GUNS. |
| 15:00 | 0:00  | 9.00 | NIPPLE UP 3 1/8" JET NOZEL. RIH W/JET NOZEL & 2" COIL. WASH DOWN TO PBTD @ 13521', PUMPING SWEEPES.   |
| 0:00  | 0:00  | 0.00 | WASH BACK TO 8360'. CIRCULATE @ 8360' FOR 1 HR. STOP PUMPING & RIH TO PBTD 13521'. POH PUMPING. SION. |

01/28/2013

|      |      |      |                                           |
|------|------|------|-------------------------------------------|
| 6:00 | 7:00 | 1.00 | BOOTS & COOTS COIL ON LOCATION @ 7:00 AM. |
|------|------|------|-------------------------------------------|

|       |       |      |                                                                                                                |
|-------|-------|------|----------------------------------------------------------------------------------------------------------------|
| 7:00  | 8:00  | 1.00 | NIPPLE DOWN NOZEL. NIPPLE UP 3 1/8" PERF GUNS W/120 DEG PHASING.                                               |
| 8:00  | 14:30 | 6.50 | RIH W/GUNS ON 2" COIL TBG. TAG PBTD @ 13521'. PULL UP & PERF 13431'- 34', 13331'-34', 13231'-34' & 13131'-34'. |
| 14:30 | 14:30 | 0.00 | ATTEMPT TO RUN DOWN TO SPOT ACID FROM BOTTOM PERF UP. COULD NOT GO DOWN. PULL UP 100' TO 13038'                |
| 14:30 | 14:30 | 0.00 | W/CIRC SUB. PUMP 1000 GAL 15% NEFE HCL & DISP W/45 BBL TREATED FW @ 2 1/4 BPM. MAX PRS 6900 PSI.               |
| 14:30 | 14:30 | 0.00 | PRESSURE DROPED TO 4000 PSI @ 2 1/4 BPM. POH W/COIL & LD GUNS.                                                 |
| 14:30 | 15:00 | 0.50 | NIPPLE UP FLANGE & CAP.                                                                                        |
| 15:00 | 15:30 | 0.50 | TEST LINES TO 9400 PSI. DISPLACE CSG W/278 BBL SLICK WATER. MAX 53 BPM @ MAX 7470 PSI. RUN FET.                |
| 15:30 | 18:00 | 2.50 | WAIT ON ANALYSIS OF FET.                                                                                       |
| 18:00 | 20:00 | 2.00 | FRAC 1st STAGE W/344989 GAL GELLED FRESH WATER, 96057# 40/70 SAND & 241269# 20/40 SAND.                        |
| 20:00 | 20:00 | 0.00 | MAX PRESSURE 5813 PSI. MAX RATE 61 BPM. AVG PRESSURE 5098 PSI. AVG RATE 60.3 BPM.                              |
| 20:00 | 20:00 | 0.00 | ISIP 2636 PSI. 5 MIN 2284 PSI. 10 MIN 2202 PSI. 15 MIN 2060 PSI.                                               |
| 20:00 | 23:00 | 3.00 | LAY DOWN COIL BOP & LUBRICATOR. MOVE COIL PUMP. MOVE IN & SPOT WIRELINE TRUCK & EQUIPMENT                      |

01/29/2013

|       |       |      |                                                                                                         |
|-------|-------|------|---------------------------------------------------------------------------------------------------------|
| 6:00  | 6:30  | 0.50 | ON LOCATION @ 6:30 AM                                                                                   |
| 6:30  | 10:00 | 3.50 | PREP TO RUN FRAC PLUG & PERF GUNS ON WIRELINE. CRANE SHUT DOWN DUE TO WIND. WAIT ON WEATHER.            |
| 10:00 | 12:00 | 2.00 | PICK UP LUBRICATOR. PICK UP FRAC PLUG & GUNS. RIH. HAD TO START PUMPING PLUG DOWN @ 4000', DUE TO       |
| 12:00 | 12:00 | 0.00 | TIGHT RING ON PLUG. PUMP TO PLUG DEPTH OF 13086'. SET PLUG. TEST PLUG TO 5000 PSI. TEST GOOD. PULL UP & |
| 12:00 | 12:00 | 0.00 | PERF 13041'- 45', 12941'-45', 12841'-45' & 12741'- 45'.                                                 |
| 12:00 | 13:30 | 1.50 | POH LOGGING COLLARS. LAY DOWN LUBRICATOR.                                                               |
| 13:30 | 15:30 | 2.00 | ATTEMPT TO FRAC STAGE #2. AFTER APPROACHING THE TREATMENT LIKE WE DID ON THE FRIST STAGE PRESSURE       |
| 15:30 | 15:30 | 0.00 | WAS LOOKING GOOD AFTER ACID HIT THE PREFS. WE WENT WITH XLINKER FLUIDS W/.3 PPG 40/70 SAND. @ 15175     |
| 15:30 | 15:30 | 0.00 | GAL OF THE STAGE WE SCREENED OUT. LEAVING APX 3100# SAND IN CSG. ATTEMPTED TO FLOW BACK TO TANKS.       |
| 15:30 | 15:30 | 0.00 | PRESSURE DROPED TO 0 PSI W/NO FLOW IN LESS THAN 1 MIN. SHUT IN.                                         |
| 15:30 | 17:30 | 2.00 | MOVE WIRELINE OUT. MOVE IN & RIG UP COIL TBG PUMP TRUCK. CAN NOT RU COIL TBG DUE TO HIGH WIND.          |
|       |       |      |                                                                                                         |
|       |       |      | AVG RATE 30.6 BPM MAX 57.52 BPM AVG PRS 7377 PSI MAX 8639 PSI                                           |

01/30/2013

|       |       |      |                                                                                                     |
|-------|-------|------|-----------------------------------------------------------------------------------------------------|
| 6:00  | 6:30  | 0.50 | ON LOCATION @ 6:30 AM                                                                               |
| 6:30  | 11:00 | 4.50 | RIG UP COIL TBG.                                                                                    |
| 11:00 | 15:00 | 4.00 | RIH W/JET NOZEL ON 2" COIL TBG. WASH SAND TO PLUG @ 13086'. WASH BACK TO 9000'. CIRC CLEAN.         |
| 15:00 | 16:30 | 1.50 | PUMP DOWN CSG, W/FAC PUMPS. PUMPED 24 BBL TREATED FW @ RATES FROM 3.5 BPM TO 10 BPM. PRESSURE       |
| 16:30 | 16:30 | 0.00 | WENT TO 8000 PSI. WE CAN NOT PUMP GUNS DOWN.                                                        |
| 16:30 | 20:00 | 3.50 | RIH W/JET NOZEL ON 2" COIL TBG, NOT PUMPING, & TAG PLUG @ 13086'. NO FILL. PUMP SWEEP. POH PUMPING. |
| 20:00 | 22:00 | 2.00 | NIPPLE UP GUNS. RIH TO 915'. COIL TBG TRUCK ENGINE DIED. COULD NOT RESTART.                         |
| 22:00 | 2:00  | 4.00 | WAIT ON REPAIRS. REPLACE REGIN CANISTER                                                             |
| 2:00  | 4:30  | 2.50 | RIH W/GUNS. TAG PLUG. PULL UP & PERF 13062'-65', 12991'-94', 12891'-94' & 12791'-94'.               |
| 4:30  | 6:00  | 1.50 | POH W/COIL TBG                                                                                      |

01/31/2013

|       |       |      |                                                                                                  |
|-------|-------|------|--------------------------------------------------------------------------------------------------|
| 6:00  | 9:30  | 3.50 | POH & RIG DOWN COIL TBG.                                                                         |
| 9:30  | 13:45 | 4.25 | ATTEMPT TO FRAC STAGE 2. PUMPED 7357 BBL GELLED FRESH WATER. AVG RATE 51.2 BPM. MAX RATE 68 BPM. |
| 13:45 | 13:45 | 0.00 | AVG PRESSURE 7084 PSI. MAX PRESSURE 8639 PSI. PUMPED 5121# OF 40/70 SAND IN 4 SLUGES. PRESSURE   |
| 13:45 | 13:45 | 0.00 | WAS TO HIGH TO PUMP SAND.                                                                        |
| 13:45 | 22:30 | 8.75 | WAIT ON PERF GUNS.                                                                               |
| 22:30 | 23:30 | 1.00 | PICK UP LUBRICATOR.                                                                              |
| 23:30 | 2:30  | 3.00 | RIH W/CFP & 4-4' FRAC GUNS W/12 SHOTS EACH. PUMP PLUG TO 12746' BY CCL. SET PLUG. PULL UP & PERF |
| 2:30  | 2:30  | 0.00 | 12702'-06', 12602'-06', 12502'-06' & 12402'-06'. MAX PRS TO PUMP GUNS DOWN 5800 PSI.             |
| 2:30  | 2:30  | 0.00 | POH & RIG DOWN WIRELINE.                                                                         |
| 2:30  | 6:00  | 3.50 | SHUT IN PREP TO FRAC                                                                             |

02/01/2013

|      |      |      |               |
|------|------|------|---------------|
| 6:00 | 7:00 | 1.00 | PREP TO FRAC. |
|------|------|------|---------------|

|       |       |      |                                                                                                            |
|-------|-------|------|------------------------------------------------------------------------------------------------------------|
| 7:00  | 9:45  | 2.75 | FRAC STAGE #3 W/214573 GAL GELLED FW, 2500 GAL 15% NEFE HCL, 45740# 40/70 SAND & 177315# 20/40 SAND.       |
| 9:45  | 9:45  | 0.00 | AVG RATE 41.7 BPM. MAX RATE 62 BPM. AVG PRS 4115 PSI. MAX PRS 6907 PSI. ISIP 3186 PSI. 5 MIN 2259 PSI.     |
| 9:45  | 9:45  | 0.00 | 10 MIN 1770 PSI. 15 MIN 1637 PSI.                                                                          |
| 9:45  | 14:00 | 4.25 | RIG UP WIRELINE. RIH & PUMP DOWN CFP & PERF GUNS. SET PLUG @ 12356'. PULL UP & PERF 12311'-15', 12211'-15' |
| 14:00 | 14:00 | 0.00 | 12111'-15' & 12014'-18'. ( MOVED LAST GUN DOWN TO MISS CSG COLLAR ) POH & RIG DOWN WIRELINE                |
| 14:00 | 14:00 | 0.00 | PERF GUNS 3 1/8" X 4', 120 DEG, W/3 SPF, 12 SHOTS. 48 HOLES TOTAL.                                         |
| 14:00 | 17:15 | 3.25 | FRAC STAGE #4 W/243517 GAL GELLED FW, 2500 GAL 15% NEFE HCL, 38635# 40/70 SAND & 189763# 20/40 SAND.       |
| 17:15 | 17:15 | 0.00 | AVG RATE 31.49 BPM. MAX RATE 40 BPM. AVG PRS 4119 PSI. MAX PRS 6971 PSI. ISIP 4952 PSI. 5 MIN 4395 PSI.    |
| 17:15 | 17:15 | 0.00 | 10 MIN 4046 PSI. 15 MIN 3879 PSI.                                                                          |
| 17:15 | 20:15 | 3.00 | RIG UP WIRELINE. RIH & PUMP DOWN CFP & PERF GUNS. SET PLUG @ 11964'. PULL UP & PERF 11921'-25', 11821'-25' |
| 20:15 | 20:15 | 0.00 | 11721'-25' & 11621'-25' W/3 1/8" GUNS, 120 DEG, 3 SPF, 12 SHOTS. 48 HOLES.                                 |
| 20:15 | 4:30  | 8.25 | SHUT IN                                                                                                    |
| 4:30  | 6:00  | 1.50 | PREP TO FRAC.                                                                                              |

02/02/2013

|       |       |      |                                                                                                            |
|-------|-------|------|------------------------------------------------------------------------------------------------------------|
| 6:00  | 7:00  | 1.00 | PREP TO FRAC.                                                                                              |
| 7:00  | 10:00 | 3.00 | FRAC STAGE #5 W/212596 GAL GELLED FW, 2500 GAL 15% NEFE HCL, 45316# 40/70 SAND & 152467# 20/40 SAND.       |
| 10:00 | 10:00 | 0.00 | AVG RATE 50.4 BPM. MAX RATE 50.6 BPM. AVG PRS 4790 PSI. MAX PRS 7629 PSI. ISIP 5642 PSI. 5 MIN 3317 PSI.   |
| 10:00 | 10:00 | 0.00 | 10 MIN 2605 PSI. 15 MIN 2088 PSI.                                                                          |
| 10:00 | 13:30 | 3.50 | RIG UP WIRELINE. RIH & PUMP DOWN CFP & PERF GUNS. SET PLUG @ 11576'. PULL UP & PERF 11531'-35', 11431'-35' |
| 13:30 | 13:30 | 0.00 | 11331'-35' & 11231'-35'. POH & RIG DOWN WIRELINE                                                           |
| 13:30 | 13:30 | 0.00 | PERF GUNS 3 1/8" X 4', 120 DEG, W/3 SPF, 12 SHOTS. 48 HOLES TOTAL.                                         |
| 13:30 | 15:00 | 1.50 | ATTEMPT TO FRAC STAGE #6 W/129634 GAL GELLED FW, 3500 GAL 15% NEFE HCL, 3453# 40/70 SAND                   |
| 15:00 | 15:00 | 0.00 | AVG RATE 35.1 BPM. MAX RATE 60.3 BPM. AVG PRS 6117 PSI. MAX PRS 7758 PSI. ISIP 5061 PSI. 5 MIN 3611 PSI.   |
| 15:00 | 15:00 | 0.00 | 10 MIN 2934 PSI. 15 MIN 2379 PSI. PRS WAS TO HIGH TO PUMP SAND.                                            |
| 15:00 | 18:30 | 3.50 | RIG UP WIRELINE. RIH & PUMP DOWN CFP & PERF GUNS. SET PLUG @ 11190'. PULL UP & PERF 11131'-35', 11041'-45' |
| 18:30 | 18:30 | 0.00 | 10941'-45' & 10840'-44' W/3 1/8" GUNS, 120 DEG, 3 SPF, 12 SHOTS. 48 HOLES.                                 |
| 18:30 | 23:30 | 5.00 | FRAC STAGE #7 W/292368 GAL GELLED FW, 2500 GAL 15% NEFE HCL, 15039# 40/70 SAND & 264564# 20/40 SAND.       |

|       |       |      |                                                                                                            |
|-------|-------|------|------------------------------------------------------------------------------------------------------------|
| 23:30 | 23:30 | 0.00 | AVG RATE 39.8 BPM. MAX RATE 40.6 BPM. AVG PRS 3383 PSI. MAX PRS 7554 PSI. ISIP 3136 PSI. 5 MIN 2019 PSI.   |
| 23:30 | 23:30 | 0.00 | 10 MIN 1715 PSI. 15 MIN 1632 PSI.                                                                          |
| 23:30 | 2:00  | 2.50 | RIG UP WIRELINE. RIH & PUMP DOWN CFB & PERF GUNS. SET PLUG @ 10796'. PULL UP & PERF 10751'-55', 10651'-55' |
| 2:00  | 2:00  | 0.00 | 10551'-55' & 10451'-55' W/3 1/8" GUNS, 120 DEG, 3 SPF, 12 HOLES. 48 HOLES TOTAL.                           |
| 2:00  | 6:00  | 4.00 | SHUT IN.                                                                                                   |

02/03/2013

|       |       |      |                                                                                                            |
|-------|-------|------|------------------------------------------------------------------------------------------------------------|
| 6:00  | 8:30  | 2.50 | PREP TO FRAC.                                                                                              |
| 8:30  | 14:30 | 6.00 | FRAC STAGE #8 W/241030 GAL GELLED FW, 3500 GAL 15% NEFE HCL, 43588# 40/70 SAND & 52754# 20/40 SAND.        |
| 14:30 | 14:30 | 0.00 | AVG RATE 26.18 BPM. MAX RATE 39.4 BPM. AVG PRS 3949 PSI. MAX PRS 8576 PSI. ISIP 1887 PSI. 5 MIN 1748 PSI.  |
| 14:30 | 14:30 | 0.00 | 10 MIN 1676 PSI. 15 MIN 1631 PSI. SHUT DOWN ON 1.5# 20/40 DUE TO DRY GEL TRUCK LOST HYDRAULIC POWER.       |
| 14:30 | 20:00 | 5.50 | WAIT ON DRY GEL TRUCK FROM ODESSA, TX. DECIDED TO GO TO NEXT STAGE                                         |
| 20:00 | 23:00 | 3.00 | RIG UP WIRELINE. RIH & PUMP DOWN CFP & PERF GUNS. SET PLUG @ 10406'. PULL UP & PERF 10361'-65', 10261'-65' |
| 23:00 | 23:00 | 0.00 | 10161'-65' & 10061'-65'. HIT 8500 PSI ON PUMP DOWN 2 TIMES                                                 |
| 23:00 | 23:00 | 0.00 | PERF GUNS 3 1/8" X 4', 120 DEG, W/3 SPF, 12 SHOTS. 48 HOLES TOTAL.                                         |
| 23:00 | 5:00  | 6.00 | SHUT IN.                                                                                                   |
| 5:00  | 6:00  | 1.00 | PREP TO FRAC.                                                                                              |

02/04/2013

|       |       |      |                                                                                                           |
|-------|-------|------|-----------------------------------------------------------------------------------------------------------|
| 6:00  | 7:00  | 1.00 | PREP TO FRAC.                                                                                             |
| 7:00  | 9:00  | 2.00 | FRAC STAGE #9 W/26535 GAL GELLED FW, 2500 GAL 15% NEFE HCL, 37445# 40/70 SAND                             |
| 9:00  | 9:00  | 0.00 | DURNING THE .75# SAND STAGE OF 40/70 SAND, DRY GELL WENT DOWN. WELLBORE WAS COMPLEYELY FLUSHED.           |
| 9:00  | 12:00 | 3.00 | REPAIR DRY GELL TRUCK.                                                                                    |
| 12:00 | 15:00 | 3.00 | RE FRAC STAGE #9 W/237945 GAL GELLED FW, 59146# 40/70 SAND & 242186# 20/40 SAND.                          |
| 15:00 | 15:00 | 0.00 | AVG RATE 30.23 BPM. MAX RATE 35.3 BPM. AVG PRS 3052 PSI. MAX PRS 5024 PSI. ISIP 2232 PSI. 5 MIN 2098 PSI. |
| 15:00 | 15:00 | 0.00 | 10 MIN 2012 PSI. 15 MIN 1959 PSI.                                                                         |
| 15:00 | 19:45 | 4.75 | RIG UP WIRELINE. RIH & PUMP DOWN CFP & PERF GUNS. SET PLUG @ 10016'. PULL UP & PERF 9971'-75', 9871'-75'  |

|       |       |      |                                                                                                                 |
|-------|-------|------|-----------------------------------------------------------------------------------------------------------------|
| 19:45 | 19:45 | 0.00 | 9771'-75' & 9671'-75'. POH & RIG DOWN WIRELINE. PERF W/3 1/8" GUNS, 120 DEG, W/3 SPF, 12 SHOTS, 48 TOTAL HOLES. |
| 19:45 | 22:45 | 3.00 | FRAC STAGE #10 W/232923 GAL GELLED FW, 2500 GAL 15% NEFE HCL, 52760# 40/70 SAND & 251690# 20/40 SAND.           |
| 22:45 | 22:45 | 0.00 | AVG RATE 36.5 BPM. MAX RATE 39.1 BPM. AVG PRS 3563 PSI. MAX PRS 5422 PSI. ISIP 2460 PSI. 5 MIN 2258 PSI.        |
| 22:45 | 22:45 | 0.00 | 10 MIN 2136 PSI. 15 MIN 2086 PSI. SHUT DOWN                                                                     |
| 22:45 | 2:00  | 3.25 | RIG UP WIRELINE. RIH & PUMP DOWN CFP & PERF GUNS. SET PLUG @ 9626'. PULL UP & PERF 9581'-85', 9481'-85'         |
| 2:00  | 2:00  | 0.00 | 9381'-85' & 9281'-85'. POH & LAY DOWN GUNS.                                                                     |
| 2:00  | 2:00  | 0.00 | PERF GUNS 3 1/8" X 4', 120 DEG, W/3 SPF, 12 SHOTS. 48 HOLES TOTAL.                                              |
| 2:00  | 6:00  | 4.00 | SHUT IN. HALLIBURTON FRAC NEEDS A 10 HR BREAK.                                                                  |

02/05/2013

|       |       |      |                                                                                                          |
|-------|-------|------|----------------------------------------------------------------------------------------------------------|
| 6:00  | 12:00 | 6.00 | PREP TO FRAC.                                                                                            |
| 12:00 | 15:00 | 3.00 | FRAC STAGE #11 W/208541 GAL GELLED FW, 3400 GAL 15% NEFE HCL, 44295# 40/70 SAND & 297669# 20/40 SAND     |
| 15:00 | 15:00 | 0.00 | AVG RATE 35.3 BPM. MAX RATE 35.3 BPM. AVG PRS 3649 PSI. MAX PRS 3777 PSI. ISIP 1907 PSI. 5 MIN 1783 PSI. |
| 15:00 | 15:00 | 0.00 | 10 MIN 1751 PSI. 15 MIN 1733 PSI.                                                                        |
| 15:00 | 21:00 | 6.00 | RIG DOWN HES FRAC EQUIP, HES WIRELINE EQUIP & WELLHEAD ISOLATION TOOL. MOVE OFF LOCATION.                |
| 21:00 | 23:00 | 2.00 | MOVE & SPOT BOOTS & COOTS 2" COIL TBG UNIT & PUMP TRUCK.                                                 |
|       |       |      |                                                                                                          |
|       |       |      | 66008 BLW TO RECOVER                                                                                     |
|       |       |      |                                                                                                          |
|       |       |      | TOTAL SAND IN FORMATION 486595# 40/70 SAND & 1869766# 20/40 SAND                                         |

02/06/2013

|       |       |       |                                                                                       |
|-------|-------|-------|---------------------------------------------------------------------------------------|
| 6:00  | 10:00 | 4.00  | RIG UP BOOTS & COOTS COIL TBG UNIT. NIPPLE UP OLD SCHOOL MOTOR. NIPPLE UP 4 1/2" BIT. |
| 10:00 | 18:00 | 8.00  | WAIT ON FLOW BACK EQUIPMENT.                                                          |
| 18:00 | 6:00  | 12.00 | MOVE IN RIG UP SAWCO FLOW BACK EQUIPMENT.                                             |
|       |       |       |                                                                                       |
|       |       |       |                                                                                       |

|  |  |  |                                                                  |
|--|--|--|------------------------------------------------------------------|
|  |  |  |                                                                  |
|  |  |  |                                                                  |
|  |  |  | 66008 BLW TO RECOVER                                             |
|  |  |  |                                                                  |
|  |  |  | TOTAL SAND IN FORMATION 486595# 40/70 SAND & 1869677# 20/40 SAND |

02/07/2013

|       |       |      |                                                                                                        |
|-------|-------|------|--------------------------------------------------------------------------------------------------------|
| 6:00  | 13:00 | 7.00 | RIG UP SAWCO FLOW BACK EQUIPMENT.                                                                      |
| 13:00 | 14:00 | 1.00 | SAFETY MEETING. TEST FLOW EQUIPMENT. REPAIR LEAKS. RETEST FLOW EQUIPMENT. TEST GOOD.                   |
| 14:00 | 16:00 | 2.00 | RIH W/4 1/2" BIT, MOTOR & ON 2" COIL TBG TO 1700'. COMPUTER WENT DOWN ON COIL UNIT. POH.               |
| 16:00 | 21:00 | 5.00 | WAIT ON E-TECH. REPLACE COMPUTER.                                                                      |
| 21:00 | 5:00  | 8.00 | RIH W/4 1/2" BIT, MOTOR & ON 2" COIL TBG TO PLUG @ 9626'. PLUG IN PLACE. DRILL OUT PLUG & RIH DRILLING |
| 5:00  | 5:00  | 0.00 | PLUGS @ 10016', 10406', 10796', 11186', 11576' & 11966'.                                               |
| 5:00  | 6:00  | 1.00 | SHORT TRIP.                                                                                            |
|       |       |      |                                                                                                        |
|       |       |      |                                                                                                        |
|       |       |      |                                                                                                        |
|       |       |      |                                                                                                        |
|       |       |      |                                                                                                        |
|       |       |      | STARTED GETTING H2S IN RETURNS AROUND MIDNIGHT                                                         |
|       |       |      |                                                                                                        |
|       |       |      |                                                                                                        |
|       |       |      | 66008 BLW TO RECOVER                                                                                   |

02/08/2013

|       |       |       |                                                                                                       |
|-------|-------|-------|-------------------------------------------------------------------------------------------------------|
| 6:00  | 7:00  | 1.00  | SHORT TRIP TO 8200'.                                                                                  |
| 7:00  | 17:00 | 10.00 | RIH & DRILL OUT PLUG @ 12356', 12746' & 13136'. RIH TO PBTD @ 13521'. CIRCULATE CLEAN. PUMP SWEEP.    |
| 17:00 | 17:00 | 0.00  | POH W/COIL & TOOLS. LAY DOWN TOOLS. BLOW COIL DRY.                                                    |
| 17:00 | 20:00 | 3.00  | RIG DOWN COIL TBG UNIT.                                                                               |
| 20:00 | 6:00  | 10.00 | RECOVERED 570 BLW DRILLING OUT PLUGS. SICP 1350 PSI. WELL FLOWING ON 11/64" CHOKE @                   |
| 6:00  | 6:00  | 0.00  | SICP 1350 PSI.                                                                                        |
| 6:00  | 6:00  | 0.00  | WELL FLOWING ON 11/64" CHOKE @ 6:00 AM @ 1350 PSI. RECOVERED 355 BLW IN 10 HR. NO SHOW OF OIL OR GAS. |
|       |       |       | RECOVERED 18 BLW LAST HR.                                                                             |
|       |       |       | TOTAL DRILLING OUT & FLOWING 925 BLW.                                                                 |
|       |       |       |                                                                                                       |
|       |       |       |                                                                                                       |
|       |       |       |                                                                                                       |
|       |       |       | TR 925 OF 66008 BTL                                                                                   |

02/09/2013

|      |      |       |                                                                                         |
|------|------|-------|-----------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 12/64" CHOKE. RECOVERED 710 BLW LAST 24 HR. SLIGHT SHOW OF OIL. NO GAS. |
|      |      |       | RECOVERED 30 BBL LAST HR.                                                               |
|      |      |       |                                                                                         |
|      |      |       |                                                                                         |
|      |      |       |                                                                                         |
|      |      |       | TR 1635 OF 66008 BTL                                                                    |
|      |      |       |                                                                                         |
|      |      |       |                                                                                         |
|      |      |       |                                                                                         |
|      |      |       |                                                                                         |
|      |      |       |                                                                                         |
|      |      |       | 64373 BLW TO RECOVER                                                                    |

02/10/2013

|      |      |       |                                                                                                  |
|------|------|-------|--------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 13/64" CHOKE 1300 PSI. RECOVERED 810 BLW LAST 24 HR. SLIGHT SHOW OF GAS. NO OIL. |
|      |      |       | RECOVERED 38 BBL LAST HR.                                                                        |
|      |      |       |                                                                                                  |
|      |      |       |                                                                                                  |
|      |      |       | H2S @ 6000 PPM @ 6:00 AM 2-11-13                                                                 |
|      |      |       |                                                                                                  |
|      |      |       | TR 2445 OF 66008 BTL                                                                             |
|      |      |       |                                                                                                  |
|      |      |       |                                                                                                  |
|      |      |       |                                                                                                  |
|      |      |       |                                                                                                  |
|      |      |       | 63563 BLW TO RECOVER                                                                             |

02/11/2013

|      |      |       |                                                                                                    |
|------|------|-------|----------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 14/64" CHOKE @ 1200 PSI. RECOVERED 940 BLW LAST 24 HR. SLIGHT SHOW OF GAS. NO OIL. |
|      |      |       | RECOVERED 40 BBL LAST HR.                                                                          |
|      |      |       |                                                                                                    |
|      |      |       |                                                                                                    |
|      |      |       | H2S @ 4500 PPM @ 6:00 AM 2-12-13                                                                   |
|      |      |       |                                                                                                    |
|      |      |       | TR 3385 OF 66008 BTL                                                                               |
|      |      |       |                                                                                                    |



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|--|--|--|-----------------------------------|
|  |  |  |                                   |
|  |  |  | H2S @ 16000 PPM @ 6:00 AM 2-14-13 |
|  |  |  |                                   |
|  |  |  | TR 5185 OF 66008 BTL              |
|  |  |  |                                   |
|  |  |  |                                   |
|  |  |  |                                   |
|  |  |  |                                   |
|  |  |  | 60823 BLW TO RECOVER              |

02/14/2013

|      |      |       |                                                                                                    |
|------|------|-------|----------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 14/64" CHOKE @ 1000 PSI. RECOVERED 995 BLW LAST 24 HR. SLIGHT SHOW OF GAS. NO OIL. |
|      |      |       | RECOVERED 45 BBL LAST HR.                                                                          |
|      |      |       |                                                                                                    |
|      |      |       |                                                                                                    |
|      |      |       | H2S @ 16000 PPM @ 6:00 AM 2-14-13                                                                  |
|      |      |       |                                                                                                    |
|      |      |       | TR 6180 OF 66008 BTL                                                                               |
|      |      |       |                                                                                                    |
|      |      |       |                                                                                                    |
|      |      |       |                                                                                                    |
|      |      |       |                                                                                                    |
|      |      |       | 59828 BLW TO RECOVER                                                                               |

02/15/2013

|      |      |       |                                                                                                   |
|------|------|-------|---------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 14/64" CHOKE @ 950 PSI. RECOVERED 930 BLW LAST 24 HR. SLIGHT SHOW OF GAS. NO OIL. |
|      |      |       | RECOVERED 40 BBL LAST HR.                                                                         |
|      |      |       |                                                                                                   |
|      |      |       |                                                                                                   |
|      |      |       | H2S @ 16000 PPM @ 6:00 AM 2-15-13                                                                 |
|      |      |       |                                                                                                   |
|      |      |       | TR 7110 OF 66008 BTL                                                                              |
|      |      |       |                                                                                                   |
|      |      |       |                                                                                                   |
|      |      |       |                                                                                                   |
|      |      |       |                                                                                                   |
|      |      |       | 58898 BLW TO RECOVER                                                                              |

02/16/2013

|      |      |       |                                                                                                   |
|------|------|-------|---------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 16/64" CHOKE @ 800 PSI. RECOVERED 915 BLW LAST 24 HR. SLIGHT SHOW OF GAS. NO OIL. |
|      |      |       | RECOVERED 40 BBL LAST HR.                                                                         |
|      |      |       |                                                                                                   |
|      |      |       |                                                                                                   |
|      |      |       | H2S @ 15500 PPM @ 6:00 AM 2-16-13                                                                 |
|      |      |       |                                                                                                   |
|      |      |       | TR 8025 of 66008 BTL                                                                              |
|      |      |       |                                                                                                   |
|      |      |       |                                                                                                   |
|      |      |       |                                                                                                   |
|      |      |       |                                                                                                   |
|      |      |       | 57983 BLW TO RECOVER                                                                              |

02/17/2013

|      |      |       |                                                                                                    |
|------|------|-------|----------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 15/64" CHOKE @ 700 PSI. RECOVERED 1000 BLW LAST 24 HR. SLIGHT SHOW OF GAS. NO OIL. |
|      |      |       | RECOVERED 40 BBL LAST HR.                                                                          |
|      |      |       | TURNED THOUGH SEPARATOR 12:00PM                                                                    |
|      |      |       | 24 HR GAS =35 MCF LAST HR=43 MCFD                                                                  |
|      |      |       | H2S @ 12000 PPM @ 6:00 AM 2-17-13                                                                  |
|      |      |       |                                                                                                    |
|      |      |       | TR 9025 of 66008 BTL                                                                               |
|      |      |       |                                                                                                    |
|      |      |       |                                                                                                    |
|      |      |       |                                                                                                    |
|      |      |       | 56983 BLW TO RECOVER                                                                               |

02/18/2013

| From | To   | HRS   | Activity Description                                                                              |
|------|------|-------|---------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 18/64" CHOKE @ 600 PSI. RECOVERED 800 BLW LAST 24 HR. SLIGHT SHOW OF GAS. NO OIL. |
|      |      |       | RECOVERED 30 BBL LAST HR.                                                                         |
|      |      |       | TURNED THOUGH SEPARATOR 12:00PM on 2/17/2013                                                      |
|      |      |       | 24 HR GAS =53 MCF LAST HR=47 MCFD                                                                 |
|      |      |       | H2S @ 13000 PPM @ 6:00 AM 2-18-13                                                                 |
|      |      |       |                                                                                                   |
|      |      |       | TR 9825 of 66008 BTL                                                                              |
|      |      |       |                                                                                                   |
|      |      |       | WT =8.5                                                                                           |

|  |  |  |                       |
|--|--|--|-----------------------|
|  |  |  | SP GR =1.024          |
|  |  |  | CHL = 21071           |
|  |  |  |                       |
|  |  |  | 569183 BLW TO RECOVER |

02/19/2013

|      |      |       |                                                                                                    |
|------|------|-------|----------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 16/64" CHOKE @ 500 PSI. RECOVERED 1005 BLW LAST 24 HR. SLIGHT SHOW OF GAS. NO OIL. |
|      |      |       | RECOVERED 40 BBL LAST HR.                                                                          |
|      |      |       | TURNED THOUGH SEPARATOR 12:00PM on 2/17/2013                                                       |
|      |      |       | 24 HR GAS =62 MCF LAST HR=55 MCFD                                                                  |
|      |      |       | H2S @ 11000 PPM @ 6:00 AM 2-19-13                                                                  |
|      |      |       |                                                                                                    |
|      |      |       | TR 10830 of 66008 BTL                                                                              |
|      |      |       |                                                                                                    |
|      |      |       | WT =8.5                                                                                            |
|      |      |       | SP GR =1.026                                                                                       |
|      |      |       | CHL = 22827                                                                                        |
|      |      |       |                                                                                                    |
|      |      |       | 55178 BLW TO RECOVER                                                                               |

02/20/2013

|      |      |       |                                                                                                   |
|------|------|-------|---------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 16/64" CHOKE @ 450 PSI. RECOVERED 875 BLW LAST 24 HR. SLIGHT SHOW OF GAS. NO OIL. |
|      |      |       | RECOVERED 35 BBL LAST HR.                                                                         |
|      |      |       | TURNED THOUGH SEPARATOR 12:00PM on 2/17/2013                                                      |
|      |      |       | 24 HR GAS =55 MCF LAST HR=70 MCFD                                                                 |
|      |      |       | H2S @ 9,000 PPM @ 6:00 AM 2-20-13                                                                 |
|      |      |       |                                                                                                   |

|  |  |  |                       |
|--|--|--|-----------------------|
|  |  |  | TR 11705 of 66008 BTL |
|  |  |  |                       |
|  |  |  | WT =8.5               |
|  |  |  | SP GR =1.024          |
|  |  |  | CHL = 21071           |
|  |  |  |                       |
|  |  |  | 54303 BLW TO RECOVER  |

02/21/2013

|      |      |       |                                                                                                         |
|------|------|-------|---------------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 17/64" CHOKE @ 400 PSI. RECOVERED 820 BLW LAST 24 HR. SLIGHT SHOW OF GAS. TRACE OF OIL. |
|      |      |       | RECOVERED 35 BBL LAST HR.                                                                               |
|      |      |       | TURNED THOUGH SEPARATOR 12:00PM on 2/17/2013                                                            |
|      |      |       | 24 HR GAS =96 MCF LAST HR=84 MCFD                                                                       |
|      |      |       | H2S @ 10,000 PPM @ 6:00 AM 2-20-13                                                                      |
|      |      |       |                                                                                                         |
|      |      |       | TR 12525 of 66008 BTL                                                                                   |
|      |      |       |                                                                                                         |
|      |      |       | WT =8.5                                                                                                 |
|      |      |       | SP GR =1.028                                                                                            |
|      |      |       | CHL = 24583                                                                                             |
|      |      |       |                                                                                                         |
|      |      |       | 53483 BLW TO RECOVER                                                                                    |

02/22/2013

|      |      |       |                                                                                                         |
|------|------|-------|---------------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 18/64" CHOKE @ 400 PSI. RECOVERED 845 BLW LAST 24 HR. SLIGHT SHOW OF GAS. TRACE OF OIL. |
|      |      |       | RECOVERED 40 BBL LAST HR.                                                                               |
|      |      |       | TURNED THOUGH SEPARATOR 12:00PM on 2/17/2013                                                            |
|      |      |       | 24 HR GAS =91 MCF LAST HR=103 MCFL                                                                      |
|      |      |       | H2S @ 7,500 PPM @ 6:00 AM 2-20-13                                                                       |
|      |      |       |                                                                                                         |
|      |      |       | TR 13370 of 66008 BTL                                                                                   |
|      |      |       |                                                                                                         |
|      |      |       | WT =8.5                                                                                                 |
|      |      |       | SP GR =1.028                                                                                            |
|      |      |       | CHL = 24583                                                                                             |
|      |      |       |                                                                                                         |
|      |      |       | 52638 BLW TO RECOVER                                                                                    |

02/23/2013

|      |      |       |                                                                                                  |
|------|------|-------|--------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 18/64" CHOKE @ 350 PSI. RECOVERED 700 BLW,69 BLO LAST 24 HR. GAS &OIL PICKING UP |
|      |      |       | RECOVERED 35 BLW, 3 BLO LAST HR.                                                                 |
|      |      |       | TURNED THOUGH SEPARATOR 12:00PM on 2/17/2013                                                     |
|      |      |       | 24 HR GAS =96 MCF LAST HR=119 MCFL                                                               |
|      |      |       | H2S @ 7,000 PPM @ 6:00 AM 2-20-13                                                                |
|      |      |       |                                                                                                  |
|      |      |       | TR 14070 of 66008 BTL                                                                            |
|      |      |       |                                                                                                  |
|      |      |       | WT =8.5                                                                                          |
|      |      |       | SP GR =1.028                                                                                     |
|      |      |       | CHL = 24583                                                                                      |

|  |  |  |                      |
|--|--|--|----------------------|
|  |  |  |                      |
|  |  |  | 51938 BLW TO RECOVER |

02/24/2013

|      |      |       |                                                                                                  |
|------|------|-------|--------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 18/64" CHOKE @ 350 PSI. RECOVERED 635 BLW,58 BLO LAST 24 HR. GAS &OIL PICKING UP |
|      |      |       | RECOVERED 20 BLW, 3 BLO LAST HR.                                                                 |
|      |      |       | TURNED THOUGH SEPARATOR 12:00PM on 2/17/2013                                                     |
|      |      |       | 24 HR GAS =182 MCF LAST HR=140 MCFD                                                              |
|      |      |       | H2S @ 7,000 PPM @ 6:00 AM 2-20-13                                                                |
|      |      |       |                                                                                                  |
|      |      |       | TR 14705 of 66008 BTL                                                                            |
|      |      |       |                                                                                                  |
|      |      |       | WT =8.5                                                                                          |
|      |      |       | SP GR =1.028                                                                                     |
|      |      |       | CHL = 24583                                                                                      |
|      |      |       |                                                                                                  |
|      |      |       | 51303-BLW TO RECOVER                                                                             |

02/25/2013

|      |      |       |                                                                                                  |
|------|------|-------|--------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 18/64" CHOKE @ 450 PSI. RECOVERED 540 BLW,77 BLO LAST 24 HR. GAS &OIL PICKING UP |
|      |      |       | RECOVERED 30 BLW, 4 BLO LAST HR.                                                                 |
|      |      |       | TURNED THOUGH SEPARATOR 12:00PM on 2/17/2013                                                     |
|      |      |       | 24 HR GAS =168 MCF LAST HR=164 MCFD                                                              |
|      |      |       | H2S @ 8,000 PPM @ 6:00 AM 2-20-13                                                                |
|      |      |       |                                                                                                  |
|      |      |       | TR 15245 of 66008 BTL                                                                            |
|      |      |       |                                                                                                  |

|  |  |  |                      |
|--|--|--|----------------------|
|  |  |  | WT =8.5              |
|  |  |  | SP GR =1.026         |
|  |  |  | CHL = 22827          |
|  |  |  |                      |
|  |  |  | 50763 BLW TO RECOVER |

02/26/2013

| From | To   | HRS   | Activity Description                                                                              |
|------|------|-------|---------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 18/64" CHOKE @ 500 PSI. RECOVERED 560 BLW,121 BLO LAST 24 HR. GAS &OIL PICKING UP |
|      |      |       | RECOVERED 30 BLW, 5 BLO LAST HR.                                                                  |
|      |      |       | TURNED THOUGH SEPARATOR 12:00PM on 2/17/2013                                                      |
|      |      |       | 24 HR GAS =192 MCF LAST HR=225 MCFD                                                               |
|      |      |       | H2S @ 8,000 PPM @ 6:00 AM 2-20-13                                                                 |
|      |      |       |                                                                                                   |
|      |      |       | TR 15805 of 66008 BTL                                                                             |
|      |      |       |                                                                                                   |
|      |      |       | WT =8.6                                                                                           |
|      |      |       | SP GR =1.030                                                                                      |
|      |      |       | CHL = 26339                                                                                       |
|      |      |       | OIL GR=42.6 @ 60 DEG                                                                              |
|      |      |       | 50203 BLW TO RECOVER                                                                              |

02/27/2013

|      |      |       |                                                                                                   |
|------|------|-------|---------------------------------------------------------------------------------------------------|
| 6:00 | 6:00 | 24.00 | FLOWING WELL ON 18/64" CHOKE @ 500 PSI. RECOVERED 405 BLW,103 BLO LAST 24 HR. GAS &OIL PICKING UP |
|      |      |       | RECOVERED 20 BLW, 5 BLO LAST HR.                                                                  |

|  |  |  |                                                     |
|--|--|--|-----------------------------------------------------|
|  |  |  | TURNED THOUGH SEPARATOR 12:00PM on 2/17/2013        |
|  |  |  | 24 HR GAS =221 MCF LAST HR=216 MCFD                 |
|  |  |  | H2S @ 4500 PPM @ 6:00 AM 2-20-13                    |
|  |  |  |                                                     |
|  |  |  | TR 16210 of 66008 BTL                               |
|  |  |  |                                                     |
|  |  |  | WT =8.6                                             |
|  |  |  | SP GR =1.032                                        |
|  |  |  | CHL = 26339                                         |
|  |  |  | OIL GR=42.5 @ 60 DEG                                |
|  |  |  | 49798 BLW TO RECOVER                                |
|  |  |  |                                                     |
|  |  |  | SIERRA ENGINEERING RELEASED FROM ONSITE OPERATIONS. |