

Submit 1 Copy To Appropriate District Office.
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-40998
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CENTRAL VACUUM UNIT
8. Well Number 438
9. OGRID Number 4323
10. Pool name or Wildcat VACUUM; GRAYBURG SAN ANDRES

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator CHEVRON U.S.A. INC.	
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705	
4. Well Location Unit Letter: M 575 feet from SOUTH line and 1170 feet from the WEST line Section 25 Township 17S Range 34E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4007' GL	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER:

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: NEW WELL COMPLETION

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

PLEASE FIND ATTACHED, REPORTS FOR WORK DONE FROM 08/18/2013 THROUGH 08/16/2013 FOR THE COMPLETION OF THIS NEW WELL.

08/21/2013: ON 24 HR OPT. PUMPING 91 OIL, 287 GAS, & 1370 WATER. GOR-3137

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Denise Pinkerton TITLE REGULATORY SPECIALIST

DATE 12/13/2013

Type or print name DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

TITLE

Petroleum Engineer

DATE

DEC 30 2013

Conditions of Approval (if any):

DEC 30 2013



Summary Report

Completion
Complete

Job Start Date: 8/8/2013

Job End Date: 8/16/2013

Well Name CENTRAL VACUUM UNIT 438		Lease Central Vacuum Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 4,007.00	Original RKB (ft) 4,025.50	Current RKB Elevation 4,025.50, 7/22/2013		Mud Line Elevation (ft) 0.00	Water Depth (ft)

Report Start Date: 8/8/2013

Com

Installed Frac valves, Removed 5.5 BPV, Tested Frac Valves to 5000 psi..

Report Start Date: 8/9/2013

Com

CREW TRAVEL.

REVIEWED JSA'S. DISCUSSED CRANE SAFETY.

WELL TESTED AT 0#. R/U CRANE AND WIRELINE. P/U LUBRICATOR AND PREPARED GYRO TOOL. COULD NOT GET COMMUNICATION BETWEEN GYRO AND WIRELINE TRUCK.

EQUIPMENT REPAIR OF WIRELINE TRUCK ELECTRICAL SYSTEM PERFORMED. CALLED FOR WIRELINE TRUCK W/ WORKING EQUIPMENT. ABLE TO RUN SPECTRAL GAMMA RAY TOOL.

R/U CRANE AND WIRELINE EQUIPMENT. P/U SPECTRAL GAMMA RAY TOOL. RIH TO TD. TAGGED AT 4980'. NEW PBTD AT 4980'.

PERFORM SPECTRAL GAMMA RAY LOG.

R/D CRANE AND WIRELINE EQUIPMENT. SHUT IN WELL AND SHUT DOWN.

CREW TRAVEL

RUN NEUTRON LOG AND CEMENT BOND LOG.

Report Start Date: 8/10/2013

Com

CREW TRAVEL.

REVIEWED JSA'S. DISCUSSED GRAVITY HAZARD AND CRANE SAFETY.

R/U CRANE AND WIRELINE EQUIPMENT. P/U LUBRICATOR AND COMPENSATED POROSITY NEUTRON TOOL.

RIH W/ NEUTRON LOG TO TD. PERFORM COMPENSATED POROSITY NEUTRON LOG FROM TD TO SURFACE.

L/D NEUTRON TOOL. P/U CEMENT BOND LOGGING TOOL. RIH W/ CEMENT BOND LOGGING TOOL TO TD. PERFORM CEMENT BOND LOG.

L/D CEMENT BOND LOG TOOL AND LUBRICATOR. R/D CRANE AND WIRELINE EQUIPMENT. SHUT IN WELL AND SHUT DOWN.

CHANGED OUT SEAL RING. PRESSURE TESTED CASING TO 4000# FOR 15 MINUTES.

PERFORATE WELL.

CREW TRAVEL.

Report Start Date: 8/12/2013

Com

CREW TRAVEL.

REVIEWED JSA'S. DISCUSSED PERFORATING OPERATION SAFETY. DISCUSSED CRANE OPERATION SAFETY.

R/U CRANE AND WIRELINE EQUIPMENT. P/U LUBRICATOR, COLLAR LOCATOR, AND 3 3/8" GUN. TESTED LUBRICATOR TO 1000 PSI. HELD GOOD.

PERFORATED WELL AND CORRELATED W/ GAMMA RAY LOG AND CBL FROM BAKER HUGHES DATED 8/10/2013

RUN DEPTHS

1 4836-4853

2 TOP 4790-4798, BOTTOM 4808-4817

3 TOP 4743-4756, BOTTOM 4763-4773

4 4711-4733

5 4689-4711

6 4667-4689

7 TOP 4649-4667, BOTTOM 4649-4667

8 TOP 4577-4580, MID 4596-4600, BOTTOM 4626-4638

9 TOP 4404-4411, MID 4414-4424, BOTTOM 4568-4574

10 4376-4397

REPLACE FLANGÉ. R/D CRANE AND WIRELINE EQUIPMENT. SHUT IN WELL AND SHUT DOWN.

CREW TRAVEL.

ACIDIZE WELL.

Report Start Date: 8/13/2013

Com

JSA, TGSM

MIRU PETROPLEX PUMP TRUCK, TRANSPORTS, TEST LINES 4800 PSI.



Summary Report

Completion
Complete

Job Start Date: 8/8/2013

Job End Date: 8/16/2013

Well Name	Lease	Field Name	Business Unit
CENTRAL VACUUM UNIT 438	Central Vacuum Unit	Vacuum	Mid-Continent
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)
4,007.00	4,025.50	4,025.50, 7/22/2013	0.00

Com
BEGIN PUMPING, LOADED CASING, BREAK FORMATION W/ WATER @ 2130 PSI. PUMPED 13 BBLs, SWITCH TO 1 ST STAGE OF 3000 GALLONS ACID, PUMPING @ 8.0 BPM @ 1566 PSI. DUMPED 2000 LBS OF ROCK SALT, SAW INCREASE OF PSI TO 2360 BEFORE BREAKING. CONTINUE PUMPING 2ND STAGE OF 3000 GLNS OF 15% ACID @ 1522 PSI, FOLLOWED BY 2000 LBS OF ROCK SALT. PRESSURE INCREASED TO 2200 PSI BEFORE BREAKING DOWN. PUMPED 3RD STAGE 3000 GALLONS OF ACID FOLLOWED BY 3000 LBS OF ROCK SALT. PRESSURE INCREASED TO 3900 PSI, HAD TO LOWER PUMP RATE AROUND 1 BPM TO LOWER PSI & GET SALT INTO FORMATION. CONTINUE PUMPING 4TH STAGE OF 3000 GALLONS OF ACID @ 1989 PSI @ 8.2 FOLLOWED BY 500 LBS OF ROCK SALT. PRESSURE INCREASED TO 2150 PSI, SMALL BREAK, PUMPED 5TH STAGE OF 3000 GALLONS OF ACID @ 2018 PSI @ 8.1 BPM, FOLLOWED BY 1500 # ROCK SALT, PSI INCREASED TO 4000 PSI IN 3 MINS AFTER SALT REACHING FORMATION. SLOWED PUMP RATE DOWN TO 5 BPM, CONTINUE PUMPING REMAINING 6000 GALLONS OF ACID. FLUSHED WITH 201 BBLs OF FRESH WATER. ISIP 2100 PSI, 5 MIN - 1950 PSI, 10 - MIN - 1853 PSI, 15 MIN 1758 PSI. MAX PSI 4000, AVG PSI 2000, MAX RATE 8.7 BPM, AVG RATE 8.0 BPM, TOTAL LOAD TO RECOVER 1109 BBLs.

RD ACID PUMP TRUCK & EQUIPMENT.

MIRU P/U, REV UNIT, SET TANKS, PIPE/PIPE RACKS, TALLEY TUBING,

CREW ROAD TRAVEL

Report Start Date: 8/14/2013

Com
CREW TRAVEL.

SAFETY MEETING. REVIEWED JSA'S, TENET #4, HAZARD WHEEL #4, E-COLORS. DISCUSSED POOR WEATHER OPERATION SAFETY. DISCUSSED WELL CONTROL. CALIPERED 2 7/8" ELEVATORS.

N/D FLOW BACK VALVE AND FLANGE.

LIGHTNING SPOTTED. WAITING ON WEATHER.

R/U WIRELINE EQUIPMENT AND LUBRICATOR, AND P/U 5 1/2" CBP. PRESSURE TEST 250# LOW AND 1000# HIGH. TEST GOOD.

RIH W/ CBP 61' ABOVE TOP PERF TO 4315'. CORRELATED W/ BAKER HUGHES CEMENT BOND LOG FROM 8/10/2013.

WAITING ON LIGHTNING TO PASS.

POOH SETTING TOOL. TESTED CBP TO 1000#. HELD GOOD.

L/D LUBRICATOR AND SETTING TOOL. SET VETCO 5" H BPV.

R/D RIG FLOOR. N/D FRAC VALVES.

N/U BOP. CLOSED BLIND RAMS AND TESTED TO 250' LOW AND 1000' HIGH FOR 5 MINUTES.

CREW LUNCH. REVIEWED JSA'S.

CALIPERED 2 7/8" ELEVATORS. P/U 4 3/4" MT BIT AND 6 - 3 1/2" DC'S (183')

P/U 128 JTS 2 7/8" WS.

TESTED PIPE RAMS AND ANNULAR BOP TO 250 # LOW AND 500 # HIGH FOR 5 MIN EACH. CIRCULATED CLEAN W/ 94 BBL OF 10 # BW. SHUT IN WELL AND SHUT DOWN.

CREW TRAVEL.

Report Start Date: 8/15/2013

Com
CREW TRAVEL.

SAFETY MEETING. REVIEWED JSA'S, TENET #5, HAZARD WHEEL #5, E-COLORS. DISCUSSED WELL CONTROL. CALIPERED 2 7/8" ELEVATORS.

PU PWRSWVL, INSTALLED STRIPPER HEAD, CIRCULATE WELL W/ 94 BBLs FW.

DO CBP, PLUG FELL DOWN TO 4870. CONTINUE TO DRILL OUT PLUG. CLEAN OUT TO PBTD 4984 BY TUBING DEPTH. ON 148 JTS & 6 - DC'S. CIRCULATE WELL TWICE BOTTOMS UP. @ 3.5 BPM @ 320 PSI.

RD PWRSWVL, REMOVED STRIPPER HEAD.

TOH L/D 148 JTS, 6 - DC'S, 4 3/4" MTB. MOVE OUT 2 7/8" WS, MI & RACK 2 7/8" PROD. STRING.

PU AND RIH W/137 OF 2 7/8" PRODUCTION TUBING. SHUT DOWN DUE TO LIGHTNING. SDFD.

CREW TRAVEL

Report Start Date: 8/16/2013

Com
CREW TRAVEL

SAFETY MEETING. REVIEWED JSA'S, TENET #6, HAZARD WHEEL #6, HAZARD HUNT, E-COLORS R/B. DISCUSSED. CALIPERED 2 7/8" ELEVATORS.

PULLED 137 JTS 2 7/8" TBG.



Summary Report

Completion

Complete

Job Start Date: 8/8/2013

Job End Date: 8/16/2013

Well Name CENTRAL VACUUM UNIT 438		Lease Central Vacuum Unit	Field Name Vacuum	Business Unit Mid-Continent	
Ground Elevation (ft) 4,007.00	Original RKB (ft) 4,025.50	Current RKB Elevation 4,025.50, 7/22/2013		Mud Line Elevation (ft) 0.00	Water Depth (ft)

Com

P/U BHA. BHA AS FOLLOWS:

TOP SUB	6'	
TUBING	139 JTS 2 7/8"	4436.5'
DRAIN VALVE	0.6'	
4' SUB	4'	
PUMP	9.05'	
PUMP	23.55'	
PUMP	7.2'	
GAS SEP.	2.6'	
SEAL	6.1'	
SEAL	6.1'	
MOTOR		14.45'
CENTINEL-3	4.1'	
TOTAL	4539.99'	

CREW LUNCH. REVIEWED JSA'S.

TIH 139 JTS 2 7/8" PROD. TBG. AND CABLE. 2 BANDS PER JOINT. SET DEPTH AT 4539.99'. INTAKE AT 4509.24'.

INSTALLED TBG HANGER. R/D FLOOR. N/D BOP.

N/U WELL HEAD. R/D PULLING UNIT. MOVED EQUIPMENT OUT OF WAY FOR INSTALLATION OF ELECTRICAL AND FLOW LINE.

CREW TRAVEL.