

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

DEC 28 2009

NMOCD ARTESIA

16696

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

OXY USA Inc.

3a. Address

P.O. Box 50250 Midland, TX 79710

3b. Phone No. (include area code)

432-685-5717

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

330 FWL 2510 FWL NENW(1) Sec 29 T23S R31E

5. Lease Serial No.

NMMW 0545035

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Federal 29 #1

9. API Well No.

30-015-37330

10. Field and Pool, or Exploratory Area

Sand Dunes Delaware, W.

11. County or Parish, State

Edley NM

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

TYPE OF SUBMISSION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other Spud, Set

Csg & Cmt

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 recomplete 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 recompletion 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 final site is ready for final inspection.)

Spud 11/14/09

Drill 14 3/4" hole to 425'. RIH w/ 11 3/4" 42# H 40 csg & set @ 410'

Cement w/ 350 SX Bran Plus Cinc 191 SX (46 bbl) cmt to surface

Drill 10 5/8" hole to 4010'. RIH w/ 8 5/8" 32# J55 csg & set @ 4010'

Cement w/ 930 SX Econolite followed by 200 SX Hal cmt, Cinc 209 SX (70 bbl) cmt to surface

Drill 7 7/8" hole to 8130'm

RIH w/ 5 1/2" 17# J55 csg & set @ 8130' w/ DUT @ 5934', POST @ 4060'

Cement w/ 1st w/ 540 SX Sup H, Cinc 121 SX (35 bbl) cmt; 2nd w/ 600 SX Sup H, Cinc 87 SX (25 bbl) cmt; 3rd w/ 430 SX Econolite followed by 100 SX Hal cmt, Cinc 195 SX (69 bbl) cmt.

Rig Release 11/25/09

See Attached For Detail Information

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

David Stewart

Title

Sr. Regulatory Analyst

Date

12/14/09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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.

Federal 29 #1

SPUD AT 0400 HRS ON 11/14/2009, DRILL 14-3/4" SURFACE HOLE TO 425', 11/14/09.

RIH W/ 11-3/4", CASING 42# , H-40, STC, R-3, FROM SURFACE TO 410'.

CASING SET ON BOTTOM AS FOLLOWS:

01 GUIDE SHOE -BTC(WEATHERFORD TIGER TOOTH) AT 425'.

01 SHOE JOINT WITH STOP RING 10' UP FROM FLOAT SHOE.

01 FLOAT COLLAR (WEATHERFORD) AT 380'.

09 CASING JOINT S CASING TO SURFACE W/ 7 BOW SPRING CENTRALIZERS

PUMP CEMENT AS FOLLOW: 20 BBLs FRESH WATER SPACER AT 5.5 BPM.

LEAD CEMENT PREMIUM PLUS 350 SACKS (84.0 BBL), 14.8 PPG, 1.35 YIELD , MIX WATER 6.39 GAL/SK, AT 6 BPM 250 PSI. WASH UP ON TOP OF PLUG AND DISPLACEMENT WITH 46 BBL, FRESH WATER AT 6 BPM, SLOWED TO 3 BPM LAST 10 BBLs. BUMP THE PLUG TO 690 PSI (500 OVER), AT 17:00 HRS. HELD FOR 5 MINUTES BLEED BACK 0.5 BBL FLOAT HELD. NOTE: CIRCULATE OUT 46 BBL CEMENT TO SURFACE (191 SXS OF CEMENT).

NIPPLING UP BOPS WITH MONAHANS CREW:

11" 5M BOP STACK (BOTTOM TO TOP):

DSA 13 5/8" 3K X 11" 5K.

SPOOL(S) 11" 5M X 11" 5M.

11" 5M PSI DOUBLE RAM (BLINDS ON BOTTOM, 4 1/2" PIPE RAMS ON TOP).

11" 5M PSI ANNULAR PREVENTER.

11X 5M X 2 FT.

11" ROTATING HEAD (10" OUT FLOW).

RIG UP CHOKE LINE AND KILL LINES TO CHOKE MANIFOLD.

TEST BOP EQUIPMENT WITH CASING VALVE SHUT (250 PSI LOW AND 1400 PSI HIGH, TRIPPING IN HOLE. TAG CEMENT AT 370'.

CIRCULATE BOTTOMS (800 STROKES) AT 180 SPM, 800 PSI.

CLOSE BOPS AND TEST CASING TO 1380 PSI.

DRILL OUT CEMENT (WITH BRINE) FROM 370' TO 425'. DRILL 10' FORMATION FROM 425' TO 435'.

0730 HRS 11/16/09, DRILL 10-5/8" INTERMEDIATE HOLE TO 4010' 11/17/09.

RUN 8 5/8" INTERMEDIATE CASING J55, 32 PPF, LTC FROM SURFACE TO 4010'

01 SHOE MODEL 303A FROM 4010' TO 4009'.

02 SHOE CASING JOINTS FROM 4009' TO 3929'.

FLOAT COLLAR MODEL 402A FROM 3929' TO 3928'.

97 CASING JOINTS FROM 3928' TO SURFACE. W/ 33 RIGID BOW CENTRALIZERS

PUMP 20 BBL FRESH WATER SPACER AT 5 BPM, 20 BBL OF WG-19 GEL PILL AT 5 BPM + 930 SACKS (311 bbl) OF LEAD, ECONO CEMENT 12.9 PPG, 1.88 YIELD, 9.57 GAL/SK AT 7 BPM AND 240 PSI + 200 SACKS (48 BB) OF TAIL, HAL CEMENT, 14.8 PPG, 1.34 YIELD, 6.38 GAL/SK AT 8 BPM AND 350 PSI. FULL RETURNS AT ALL TIMES. DROP PLUG , WASH UP ON TOP; DISPLACE CEMENT WITH FRESHWATER 240 BBLs, 8.34 PPG AT 7 BPM. SLOW DOWN TO 3 BPM LAST 15 BBL, PLUG LANDING PRESSURE 1100 PSI, BUMP THE PLUG TO 1600 PSI (AT 22:00 HRS ON 11/18/2009). WAIT FOR 5 MIN AND BLEED OFF PRESSURE (1.5 BBL BACK), FLOATS HELD OK. NOTE: CIRCULATED OUT 70 BBL CEMENT (209 SKS).

BLM REP RICHARD CARRASCO WITNESS CEMENTING JOB (WILL BE READY TO TEST CASING AFTER 22:00 HRS ON 11/19/2009.

NIPPLE UP BOP'S AS FOLLOWS (BOTTOM TO TOP):

11" 5M 3' SPACER SPOOL

11" 5M DOUBLE RAMS (BLINDS ON BOTTOM AND 4 1/2" RAMS ON TOP)

11" 5M ANNULAR PREVENTER

11" 5M 2' SPACER SPOOL

11" ROTATING HEAD

HELD PJSM W/ MONAHAN'S TESTER, PU 2- JNT'S DP, SET TEST PLUG AND FILL W/ WATER PRESSURED UP ON BLIND RAM & INSIDE KILL LINE AND 3 ' SPOOL LEAKED (2 HOLES IN MAIN BODY). HELD PJSM W/ MONAHAN'S, REVIEWED JSA'S RD FLOW LINE, COLFLEX HOSE & TURN BUCKLES, BREAK STACK & SET BACK SAME. REMOVED 3' DRILL SPOOL. STARTED STRAP & CALIPER NEW BHA & PERFORM RIG MAINT WHILE WAITING ON NEW SPOOL TO ARRIVE ON LOC. SPOOL ARRIVED ON LOC, HELD PJSM W/ MONAHAN'S NU NEW 2' SPOOL, SET STACK, RE-INSTALL COLFLEX HOSE & TURN BUCKLES. HELD PJSM W/ MONAHAN'S TESTER FILLED STACK W/ WATER & STARTED TESTING BLIND'S & VALVES #9,7,6,5 & 4 @ 250 PSI LOW (NO SPILLS & NO INCIDENTS DURING THIS OPERATION.

TEST BOP'S 250 LOW & 5,000 PSI HIGH, TEST- #1 BLINDS, VALVES # 4,5,6,7,9, POWER CHOKE & MANUAL CHOKE,(CHOKE TEST FAILED), TEST- # 2 VALVES # 1,2,6,8 CHOKE VALVES. TEST # 3 PIPE RAMS, HCR, KILL LINE VALVE, TEST - # 4 PIPE RAM'S VALVE # 10. TEST # 5 ANNULAR, VALVE # 10 KILL LINE. SAFETY BREAK @ 20:00 HRS.

DRILL OUT FLOAT EQUIP FROM-3,863 FT TO 4,020 FT

SHUT DOWN PUMPS & OPENED HCR, CLOSE PIPE RAMS & SUPER CHOKE. PERFORM FIT TEST. PRESSURE TO 460 PSI = 10.7 EMW. (NO INCIDENTS OR SPILLS).

✓ 1800 HRS 11/20/09, DRILL 7-7/8" PRODUCTION HOLE TO 8,130' MD, 8,100' VD 11/23/09 .
 LOG WELL WITH SCHLUMBERGER WIRELINE USING CNL / GR / HRLA / LITHO -
 DENSITY FROM T.D. TO INTERMEDIATE CASING SHOE AT 4,010'. LOGGING THIS SECTION AT 1800 FPH.
 LOG FROM INTERMEDIATE CASING SHOE TO SURFACE WITH CNL - GR AT A RATE OF 3600 FPH.
 RAN 5-1/2" 8R J-55, 17 # CASING. TO 8130'

- FLOAT SHOE – WEATHERFORD MODEL 303A-THREAD LOCKED
- 2 JOINTS 5½" 17# J-55 LTC CASING
- FLOAT COLLAR – WEATHERFORD MODEL 402A-THREAD LOCKED
- 5½" 17# J-55 LTC CASING TO 5900'
- STAGE TOOL –WEATHERFORD MODEL 751E AT 5,934 FT.
- 5½" 17# J-55 LTC CASING TO 4300'
- MODEL 781 PACK OFF STAGE TOOL (P.O.S.T) AT 4,060 FT.(IT

PUMP 1ST. STAGE CEMENT JOB.
 PUMPED 10 BBL SPACER.
 MIXED & PUMPED 20 BBL OF WG-19 W/ RED EYE.
 MIXED & PUMPED 540 SKS (146 BBLS) OF PERMIAN BASIN SUPER H CEMENT AS FOLLOWS:)
 FLUID WEIGHT :13.20 LBM/GAL, SLURRY YEILD: 1.62 FT3/SK
 TOTAL MIXING FLUID : 7.85 GAL/SK . CLEANED LINES, WEATHERFORD DROPPED PLUG, PUMPED 20 BBL'S WATER, 138 BBLS
 BRINE, TOTAL OF 188 BBL'S DISPLACEMENT.
 BUMPED PLUG @ 1,300 PSI, FLOATS HELD, DROPPED CLOSING BOMB & WAITED 30 MINUTES.
 CIRC 35 BBL'S (121 SKS) OF CEMENT. OFF TOOL.
 PUMP 2ND STAGE CEMENT JOB.
 PUMP 10 BBL FRESH WATER SPACER, 20 BBLS GEL SPACER
 PUMP TAIL CEMENT WITH 600 SKS (147.8 BBLS) PB SUPER H 13.2 PPG, 1.61 FT3/SK YIELD AND 7.84 GAL/SK. 0.5% LAP-1, 0.4%
 CFR-3, 5 LBM/SK GILSONITE, 3 LBM/SK SALT AND 0.25 LBM/SK D-AIR 3000.
 DISPLACED WITH 137BBLS 9.9PPG BRINE. PUMPED DISPLACEMENT AT 4 BPM WITH 100 PSI INCREASING TO 210 PSI.
 PUMPED 38% EXCESS OVER CALIPER LOG
 DROPPED PLUG @ 17:45 & PRESSURED UP ON PLUG & TESTED FLOAT TO 500 PSI OVER. FLOAT HELD.
 CIRC 8 BBL'S PM W/ CEMENT PUMP 140 BBL'S RETURNED = 25 BBL'S 87 SKS CEMENT.
 PUMP 3RD STAGE CEMENT JOB
 PUMP 10 BBL FRESH WATER SPACER
 20 BBLS GEL SPACER
 MIX AND PUMP LEAD CEMENT 430 SX (152 BBL) ECONOCEM C AT 12.4 PPG, 1.98 FT3/SK YIELD WITH 0.5% BWC LAP-1, 0.25 LBM D-
 AIR 3000. PUMP CEMENT AT 6 BPM WITH 170 PSI.
 MIX AND PUMP TAIL CEMENT 100 SX (24 BBL) HALCEM C AT 14.8 PPG, 1.33 FT3/SK YIELD. PUMP CEMENT AT 4 BPM WITH 100 PSI.
 DROP TOP PLUG. DISPLACE CEMENT WITH 94 BBL H2O. PUMP BRINE AT 6 BPM WITH 200 PSI INCREASING TO 800 PSI. SLOW
 DISPLACEMENT LAST 10 BBL TO 3 BPM BUMP PLUG AT 20:55 HRS. INCREASE PRESSURE TO 2200 PSI. CLOSE STAGE TOOL. HOLD
 PRESSURE 5 MINUTES. BLEED BACK 1 BBL FLUID.
 CEMENT TO SURFACE 69 BBL, 195 SX
 FULL RETURNS THROUGHOUT JOB
 RIG DOWN CRT & RELEASED RIG @ 04:00 ON 11/25/2009.