

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

JUL 17 2009

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

OXY USA Inc.

16696

3a. Address

P.O. Box 50250, Midland, TX 79710-0250

3b. Phone No. (include area code)

432-685-5717

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

SL - 180 FSL 490 FWL SWSW(M) Sec 35 T23S R29E

BHL - 330 FNL 660 FWL NWNW(D) Sec 35 T23S R29E

5. Lease Serial No. NM 103141
NM106304-SL NM103141-BHL

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Goodnight 35 #2H

Federal

9. API Well No.

30-015-36373

10. Field and Pool, or Exploratory Area

Cedar Canyon Bone Spring

11. County or Parish, State

Eddy 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

Csq & cement

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 final site is ready for final inspection.)

See Attached



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

David Stewart

Title

Sr. Regulatory Analyst

Date

6/17/09 6/24/09

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

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

GOODNIGHT 35 FEDERAL #2

SPUD WELL AT 21.00 HRS 5/11/2009. DRILL 17½" SURFACE HOLE TO 564'
RUN 13.375", 48 #/FT, H40, STC SURFACE CASING TO 554'
CEMENT W/ 610SX HALLIBURTON EXTENDACEM @ 13.5 PPG, 1.75 YIELD,
CIRCULATE 81 BBL (290 SACKS) CEMENT TO SURFACE.

PLUG DOWN AT 13:51 HRS, ON 05/12/2009.

NOTE: DARRELL CARTER WITH BLM WITNESSED CEMENT JOB.

DRILLED 12.25" INTERMEDIATE HOLE TO 3010'.

RUN 9-5/8", 47 #/FT, L80, BTC INTERMEDIATE CASING AND SET @ 3000'

CEMENT W/ 770SX ECONOCEMEN @ 12.4 PPG, YIELD 2.12 FOLLOWED BY 200SX HALCEM @ 14.8 PPG, YIELD 1.34

CIRCULATED 166 BBLs (440 SACKS) OF CEMENT TO SURFACE.

DRILLED 8.5" PRODUCTION HOLE TO 12390' MD.

RIH W/ 5½", L-80, 17 #/FT, LTC PRODUCTION CASING TO 12378' MD. STAGE TOOL @ 4999', POST TOOL @ 3092'

CEMENT 1ST STAGE W/ 2150SX VERSA CEMENT @ 13.2 PPG, YIELD 1.60

OPEN DV TOOL AT 4999', CONTINUE PUMPING AND GET CIRCULATION BACK AFTER PUMPING 22 BBL; CIRCULATE 10BBL (35SX) CEMENT TO SURFACE.

CEMENT 2ND STAGE W/ 450SX ECONOCEM @ 11.7 PPG, YIELD 2.62 FOLLOWED BY 100SX HALCEM AT 14.8 PPG, YIELD 1.34

OPEN DV TOOL. PUMP 83BBLs WITH NO RETURNS, CAUGHT CIRCULATION AFTER 83 BBL PUMPED, AND CIRCULATE 12BBL (26SX) CEMENT TO SURFACE

CEMENT 3RD STAGE W/ 310SX ECONOCEM @ 11.7 PPG, YIELD 2.62 FOLLOWED BY 100SX HALCEM @ 14.8 PPG, YIELD 1.35

CIRCULATED 9 BBL (19SX) CEMENT TO SURFACE.

RELEASED RIG AT 1700 HOURS ON 6-1-09.

GOODNIGHT 35 FEDERAL #2

SPUD WELL AT 21:00 HRS 5/11/2009. DRILL 17½" SURFACE HOLE TO 564'

RUN 13.375", 48 #/FT, H40, STC SURFACE CASING USING 3200 FT/LBS AVERAGE TORQUE AS FOLLOWS:

- 1 - WEATHERFORD FLOAT SHOE (MODEL 202) FROM 554' TO 553.33' - THREAD LOCKED
- 1 - JOINTS OF 13.375", 48 #/FT, H40, STC CASING FROM 553.33" TO 511.25' - THREAD LOCKED
- 1 - WEATHERFORD FLOAT COLLAR (MODEL E402) FROM 511.25" TO 510.17' (TOP OF FLOAT) - THREAD LOCKED.
- 12 - JOINTS OF 13.375", 48 #/FT, H40, STC CASING FROM 510.17' TO 30.60'
- 1 - 13.375", 48 #/FT, H40, STC LANDING JOINT FROM 30.60' TO 7' ABOVE FLOOR.

NOTE: WASHED CASING DOWN FROM 410' TO 554' AND LANDED CASING ON LANDING RING INSIDE CONDUCTOR PIPE.

CEMENT 13.375" CASING WITH HALLIBURTON AS FOLLOWS:

PUMP 20 BBLs FRESH GEL WATER AHEAD.

M&P 610 SACKS HALLIBURTON EXTENDACEM (13.5 PPG, 1.75 YIELD) LEAD, AT 6 BPM WITH 190 PSI DROP TOP PLUG, WASHED UP ON TOP OF PLUG WITH 2 BBLs OF FRESH WATER.

DISPLACED CEMENT WITH RIG PUMPS, 79 BBLs 10.0 PPG BRINE WATER AT 6 BPM WITH 150 PSI FINAL DISPLACEMENT PRESSURE.

BUMPED PLUG WITH 897 PSI. HELD PRESSURE 5 MINUTES. BLEED OFF 1.0 BBLs, FLOAT EQUIPMENT HOLDING.

CIRCULATE 81 BBL (290 SACKS) CEMENT TO SURFACE.

PLUG DOWN AT 13:51 HRS, ON 05/12/2009.

NOTE: DARRELL CARTER WITH BLM WITNESSED CEMENT JOB.

INSTALL 13.375" 5K MULTI BOWL SEABOARD (WELLHEAD INC.) WELLHEAD. (WELLHEAD HAD NIPPLE WELDED INTO IT PRIOR TO JOB - SCREWED WELL HEAD INTO CASING COLLAR

NIPPLE UP 13-5/8" X 10K BOP's. INSTALL HYDRAULIC LINES, CHOKE AND KILL LINES, TURNBUCKLES.

START TESTING BOPS: 10 MIN 250 PSI LOW TEST AND 5000 PSI HIGH TEST

RIH & DRILL CEMENT, FLOAT EQUIPMENT, 10' NEW FORMATION TO 574', CIRCULATE BOTTOMS UP, PREFORMED FIT TO 87 PSI AT 564' TVD USING 9.7 PPG MUD. EQUIVALENT MUD WEIGHT = 12.7 PPG.

DRILLED 12.25" INTERMEDIATE HOLE TO 3010'.

RUN 9-5/8", 47 #/FT, L80, BTC INTERMEDIATE CASING :

- 1 - WEATHERFORD FLOAT SHOE (MODEL 303) FROM 3,000' TO 2,998.44' - THREAD LOCKED
- 2 - JOINTS OF 9.625", 47 #/FT, L80, BTC CASING FROM 2,998.44' TO 2,921.57' - THREAD LOCKED
- 1 - WEATHERFORD FLOAT COLLAR (MODEL E402) FROM 2,921.57' TO 2,920.42' (TOP OF FLOAT) - THREAD LOCKED.
- 76 - JOINTS OF 9.625", 47 #/FT, L80, BTC CASING FROM 2,920.42' TO 28.43'
- 1 - WELLHEAD INC CASING HANGER WITH NIPPLE FROM 28.43' TO 25.51'
- 1 - WELLHEAD INC LANDING JOINT FROM 25.51' TO 8.02' ABOVE RIG FLOOR.

CASING WENT IN HOLE SLICK.

CIRCULATE 1.5 CASING VOLUME WITH RIG PUMPS, 80 SPM, 360 GPM AT 270/200 PSI RECIPROCATED CASING USING 8' STROKES @ 2 STROKES PER MIN.

CEMENTED 9.625" INTERMEDIATE CASING IN PLACE AS FOLLOWS:

TESTED CEMENTING LINES TO 250 LOW AND 3584 HIGH PRESSURE HOLDING ALL TEST FOR 5 MINUTES.

PUMP 20 BBLs FRESH WATER GELL SPACER AHEAD.

770 SACKS (291 BBL) OF LEAD (ECONOCEMEN, 12.4 PPG, YIELD 2.12, MIX WATER @ 11.39 GAL / SACK) AT 8 BPM WITH 375 PSI

200 SACKS (48 BBL) OF TAIL (HALCEM, 14.8 PPG, YIELD 1.34, MIX WATER @ 6.36 GAL / SACK) AT 8 BPM WITH 500 PSI.

DROPPED TOP PLUG, WASH OUT CEMENTING LINES USING HALLIBURTON PUMP TRUCK ON TOP OF PLUG WITH 20 BBL FRESH WATER.

DISPLACED CEMENT USING RIG PUMPS WITH 212 (214 BBL TOTAL) BBLs FRESH WATER USING RIG PUMPS AT 7 BPM, AT 700 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG TO 1285 PSI. HELD PRESSURE FOR 5 MINUTES, BLEED OFF PRESSURE BLEED BACK 1.0 BBL TO DISPLACEMENT TUBS ON CEMENT TRUCK. FLOAT EQUIPMENT HOLDING.

CIRCULATED 166 BBLs (440 SACKS) OF CEMENT TO SURFACE.

PLUG DOWN & CEMENT IN PLACE AT 06:11 HOURS ON 05/15/2009.

RECIPROCATED CASING USING 8' STROKES @ 2 STROKES PER MIN. STOPPED RECIPROCATING AFTER ALL TAIL CEMENT WAS PUMPED - SLACK OFF WEIGHT INCREASED 10K - NO PIPE MOVEMENT WHILE PUMPING DISPLACEMENT.

NOTE: DARRELL CARTER WITH BLM WITNESSED CEMENT JOB.

START TESTING BOPS: 10 MIN 250 PSI LOW TEST AND 5000 PSI HIGH TEST

TEST 9.625" INTERMEDIATE CASING TO 3675 PSI FOR 30 MIN, OK.

DRILL OUT FIRM CEMENT FROM 2918' TO 3010' (DRILL OUT FLOAT VALVE AT 2920', SHOE TRACK, SHOE AT 3000').

DRILLING PARAMETERS: 8-12 WOB, 40 SRPM, 115 DHRPM, 400 GPM, 1000 PSI 5/16/09.

DRILL 10' FORMATION FROM 3,010' TO 3,020'. CIRCULATE BOTTOMS UP, MW CONSISTENT AT 8.6 PPG.

PERFORMED LEAK OFF TEST (AT 3 SPM (0.32 BPM) WITH RIG PUMPS) TO 580 PSI AT 3000' TVD USING 8.6 PPG MUD EQUIVALENT MUD

GOODNIGHT 35 FEDERAL #2

DRILLED 8.5" PRODUCTION HOLE TO 12390' MD.

RIH W/ 5½", L-80, 17 #/FT, LTC PRODUCTION CASING TO 12378' MD

1 - WEATHERFORD REAMER SHOE (MODEL RGLDC) FROM 12,378' TO 12,372.40' - THREAD LOCKED.

2 - SHOE JOINTS FROM 12372.4' TO 12,300.11' - THREAD LOCKED.

1 - WEATHERFORD FLOAT COLLAR (MODEL E402) FROM 12,300.11' TO 12,299.04' (TOP OF FLOAT) - THREAD LOCKED.

101 - CASING JOINTS FROM 12,299.04' TO 8,523.92'.

1 - MARKER CASING JOINT FROM 8,523.92' TO 8,503.96'.

93 - CASING JOINTS FROM 8,503.96' TO 5,000.35'.

1 - WEATHERFORD STAGE TOOL (MODEL 752E) FROM 5,000.35' TO 4,998.21' - THREAD LOCKED

51 - CASING JOINTS FROM 4,998.21' TO 3,092,

1- WEATHERFORD POST TOOL FROM 3092.85' TO 3,078.27'

82 - CASING JOINTS FROM 3,078.27' TO 28.22'.

1 - WELLHEAD INC CASING HANGER WITH NIPPLE FROM 28.22' TO 25.12'.

NOTE: INSTALL 102 CENTRALIZER: 61 SPIRAL GLIDE, 38 SPRING AND 3 SOLIDS.

TESTED CEMENTING LINES TO 3975 PSI FOR 10 MINUTES.

CEMENT 1ST STAGE AS FOLLOWS:

PUMP 10 BBLS FRESH WATER + 24 BBL SUPER FLUSH 102 (9.4 PPG) + 20 BBL GEL SPACER (FRESH WATER WITH WG-19).

MIX AND PUMP 2150 SACKS (613 BBL) OF TAIL (VERSA CEMENT), 13.2 PPG, YIELD 1.60 CU-FT/SK, AT 8.0 BPM AND 680 PSI. DROPPED TOP PLUG AND DISPLACED CEMENT WITH 285 BBL FLUID (180 BBL 10.0 PPB BRINE + 105 BBL MUD 9.5 PPG), BUMP PLUG AT 565 PSI, FINAL DISPLACING PRESSURE 1065 PSI. PLUG ON BOTTOM AT 16:25 HRS ON 05/31/2009.

LOST RETURNS ON LAST 55 BBL DISPLACEMENT,

BLEED OFF WELL, GOT 1.0 BBL RETURNS, FLOAT VALVE HELD GOOD.

DROPPED WEATHERFORD OPENING BOMB (ALLOW 25 MIN TO DROP). PRESSURE UP WITH HALLIBURTON TO 750 PSI AND OPEN DV TOOL (AT 4998'). CONTINUE PUMPING AND GET CIRCULATION BACK AFTER PUMPING 22 BBL; CIRCULATE 320 BBL (WITH HALLIBURTON PUMPS), AT 8 BPM AND 350 PSI. CIRCULATE 10 BBL CEMENT (35 SKS) TO SURFACE.

SWITCH TO RIG PUMPS AND START CIRCULATING AT 3 BPM AND 200 PSI, OBSERVE PRESSURE INCREASES TO 550 PSI (IN 1.5 HRS).

TROUBLE SHOOT CIRCULATING PRESSURE; SWITCH TO HALLIBURTON PUMPS AND HAVE SAME PRESSURE BEHAVIOR. CONTINUE CIRCULATING WITH RIG PUMPS AT 1.5 BPM AND 70 PSI, PRESSURE INCREASED TO 450 PSI IN 1.0 HR. TALK TO DRILLING SUPERINTENDENT AND AGREE TO CONTINUE WITH CEMENT JOB (2ND AND 3RD STAGE).

CEMENT 2ND STAGE.

PUMP 20 BBLS FRESH WATER AHEAD.

PUMP 450 SACKS (210 BBL) OF LEAD (ECONOCEM) AT 11.7 PPG, YIELD 2.62 CU-FT/SK, AT 8.0 BPM WITH 440 PSI + 100 SACKS (24 BBL) TAIL (HALCEM) AT 14.8 PPG, 1.34 CU-FT/SK AT 7.0 BPM AND 290 PSI.

DROPPED TOP PLUG. DISPLACED CEMENT WITH 116 BBL FLUID (50 BBL 10.0 PPG BRINE + 66 BBL MUD 9.5 PPG). BUMPED PLUG (AT 00 07 HRS ON 06/01/09) AT 3 BBLS/MIN WITH 1050 PSI AND HELD PRESSURE UP TO 2220 PSI TO CLOSE DV TOOL; BLEED OFF AND GOT 1.0 BBL RETURNS. FLOAT EQUIPMENT HOLDING.

DROPPED OPENING BOMB (ALLOW 15 MIN TO DROP), PUMP USING HALLIBURTON AND INFLATE PACK OFF STAGE TOOL (POST) AT 450 PSI, PRESSURE UP TO 1910 PSI AND OPEN DV TOOL. PUMP 83 BBLS WITH NO RETURNS, CAUGHT CIRCULATION AFTER 83 BBL PUMPED, AND CIRCULATE BOTTOMS UP (140 BBL) AT 7 BPM AND 280 PSI. CIRCULATE 12 BBL CEMENT (26 SKS) TO SURFACE.

CEMENT 3RD STAGE AS FOLLOWS:

PUMP 20 BBLS FRESH WATER AHEAD.

PUMP 310 SACKS (145 BBL) OF LEAD (ECONOCEM) AT 11.7 PPG, YIELD 2.62 CU-FT/SK, AT 8.0 BPM WITH 255 PSI + 100 SACKS (24 BBL) LEAD (HALCEM) AT 14.8 PPG, 1.35 CU-FT/SK AT 7.0 BPM AND 124 PSI.

DROPPED TOP PLUG.

DISPLACED CEMENT WITH 71.7 BBL BRINE 10.0 PPG. BUMPED PLUG (AT 02:09 HRS, 06/01/09) AT 3 BBLS/MIN AND 550 PSI AND HELD PRESSURE UP TO 2075 PSI TO CLOSE DV TOOL; BLEED OFF AND GOT 1.0 BBL RETURNS. FLOAT EQUIPMENT HOLDING.

CIRCULATED 09 BBL (19 SKS) OF LEAD CEMENT TO SURFACE.

RELEASED RIG AT 1700 HOURS ON 6-1-09.