

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources
RECEIVED
OIL CONSERVATION DIVISION
1220 S. St. Francis Dr.
Santa Fe, NM 87505
2007 JUL 30 PM 12 10

Form C-103
May 27, 2004

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 SUCH PROPOSALS.)		WELL API NO. 30-021-20361
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other CO2 Supply Well <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator OXY USA Inc.		6. State Oil & Gas Lease No. LG-2965
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250		7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 2032
4. Well Location Unit Letter <u>K F</u> : 1701 feet from the north line and 1830 feet from the west line Section 1 Township 20N Range 32E NMPM County Harding		8. Well Number 011
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4942.5'		9. OGRID Number 16696
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		
10. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 640		

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 COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☒
OTHER: ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attachment

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE David Stewart TITLE Sr. Regulatory Analyst DATE 7/22/07

Type or print name David Stewart

E-mail address:

Telephone No. 432-685-5717

For State Use Only

APPROVED BY Ed Martin TITLE DISTRICT SUPERVISOR DATE 7/31/07

Conditions of Approval, if any:

BDCDGU 2032-011

Date: 07/20/2007

Supervisor 1:

WAYNE LUCAS

MIRU, WELD ON UNIT BOOM ARM FRAME WORK.

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 0' TO 369'. USING 12 K AVERAGE WOB, 110 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI.

WIRELINE SURVEY @ 340' - .5 DEGREES

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 369' TO 715'. USING 12 K AVERAGE WOB, 110 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI.

CIRCULATE TO CONDITION HOLE

DROP SURVEY @ 715' - 1.5 DEGREES AND TRIP OUT OF HOLE

START RUNNING 8 5/8" CASING. (DETAILS ON NEXT REPORT)

Date: 07/21/2007

Supervisor 1:

WAYNE LUCAS

RUN (8.625), (24.00), (J-55), (ST&C) CASING FROM 6.60' TO 705.00' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE (704.35 TO 705.00') - 1 JOINTS CSG. INSERT FLOAT (660.90') - 16 JOINTS CSG.

5 CENTRALIZER FROM 6.60' TO 705.00

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

PUMP 20 BBL'S FRESH WATER AHEAD.

400 SACKS OF (PREMIUM PLUS 2% CACL) MIXED TO 14.8 PPG AT 5 BPM WITH 100 PSI AND DROPPED TOP PLUG.

DISPLACED CEMENT WITH 42 BBL'S (FRESH WATER) USING HALLIBURTON AT 5 BPM WITH 300 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 600 PSI. HELD PRESSURE FOR 1 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 83 SACK CEMENT TO SURFACE. PLUG DOWN AT 08:13 HOURS ON 07/20/2007.

WAIT ON CEMENT

NIPPLE UP BOP

TEST CASING TO 33% BURST PRESSURE 1000 PSI, HOLD FOR 30 MINUTES, BLEED OFF TO 950 PSI, TEST GOOD. SECOND TEST TO 1000 PSI OUTSIDE BOP VALVES, HELD FOR 10 MINUTES, LOST 25 PSI.

DRILLED SURFACE CEMENT FROM 705' TO 715'. USING 20 K AVERAGE WOB, 70 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 715' TO 1250'. USING 25 K AVERAGE WOB, 70 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI.

WIRELINE SURVEY @ 1250' - .75 DEGREES

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1250' TO 1527'. USING 25 K AVERAGE WOB, 70 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI.

Date: 07/22/2007

Supervisor 1:

WAYNE LUCAS

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1527' TO 1649'. USING 30 K AVERAGE WOB, 70 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI.

SURVEY @ 1620'=1.00 DEGREE

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1649' TO 1990'. USING 30 K AVERAGE WOB, 70 ROTARY RPM'S, 362 GPM @ 900 PUMP PSI.

SURVEY @ 1959'=.50 DEGREE

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1990' TO 2454'. USING 30 K AVERAGE WOB, 70 ROTARY RPM'S, 362 GPM @ 900 PUMP PSI.

CIRCULATE

DROP SURVEY AT 2454' (TD)= 1.00 DEGREE

RIG UP CASING TOOLS, START IN THE HOLE WITH 5 1/2" PRODUCTION CASING

Date: 07/23/2007

Supervisor 1:

WAYNE LUCAS

RUN (5.5"), (5.9#), (FG) CASING FROM 6.60' TO 2256.70', RUN (5.5"), (15.5#), (J-55), (8RD) CASING FROM 2256.70' TO 2440.50' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 GUIDE SHOE (2440.50' to 2441.00') - 1 JOINTS STEEL CSG. INSERT FLOAT (2430.55') - 4 JOINTS STEEL CSG. - 77 JOINTS FIBERGLASS CASING - 3 CENTRALIZER FROM 2257.00' TO 2440.00'.

CIRCULATE AND CONDITON HOLE FOR CEMENT. SAFETY MEETING WITH RIG CREW AND HSLLIBURTON.

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TEST LINES TO 2000 PSI FOR 10 MIN. PUMP 30 BBL'S FRESH WATER AHEAD.

300 SACKS OF (PREMIUM PLUS 3% CACL) MIXED TO 11.1 PPG AT 6 BPM WITH 200 PSI AND 150 SACKS OF (PREMIUM PLUS 3% CACL) MIXED TO 13.2 PPG AT 5 BPM WITH 200 PSI. DROPPED TOP PLUG. WASH UP TO PITS.

DISPLACED CEMENT WITH 53.2 BBL'S (FREASH WATER) USING HALLIBURTON AT 6 BPM WITH 300 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 660 PSI. HELD PRESSURE FOR 1 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 0 SACK CEMENT TO SURFACE. PLUG DOWN AT 09:45 HOURS ON 07/22/2007.

NIPPLE DOWN HOLD CASING DOWN WITH CHAIN.UNTILL CEMENT SAMPLE IS HARD. NIPPLE DOWN BOP EQUIPMENT.