

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

Form C-103  
May 27, 2004

**RECEIVED**  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
2007 SEP 21 PM 12:00

WELL API NO. 30-021-20379
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG-4608
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1832
8. Well Number 031
9. OGRID Number 16696
10. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 640

**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.)

1. Type of Well:

Oil Well ☐ Gas Well ☐ Other CO2 Supply Well ☐

2. Name of Operator

OXY USA Inc.

3. Address of Operator

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

4. Well Location

Unit Letter G : 1700 feet from the north line and 1700 feet from the east line

Section 3 Township 18N Range 32E NMPM County Harding

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4673'

Pit or Below-grade Tank Application ☐ or Closure ☐

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 \_\_\_\_\_

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 NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE David Stewart TITLE Sr. Regulatory Analyst DATE 9/21/07

E-mail address:

Type or print name David Stewart

Telephone No. 432-685-5717

**For State Use Only**

APPROVED BY Ed Martin TITLE DISTRICT SUPERVISOR DATE 9/21/07

Conditions of Approval, if any:

## BDCDGU 1832-031

**Date: 09/07/2007**

Supervisor 1: WAYNE LUCAS

MOVE IN AND RIG UP.

RIG INSPECTION

DRILLED 12.25" SURFACE HOLE FROM 6.6' TO 354' USING 10/15 AVERAGE WOB, 120 ROTARY RPMS, 402 GPM @ 750 PUMP PSI

SURVEY AT 354' = .75 DEG

DRILLED 12.25" SURFACE HOLE FROM 354' TO 715' USING 35 AVERAGE WOB, 120 ROTARY RPMS, 402 GPM @ 750 PUMP PSI

CIRCULATE AND CONDITION HOLE FOR CASING.

TRIP OUT OF HOLE

SAFETY MEETING

RUN (8.625), (24.00), (J-55), (ST&C ) CASING FROM 6.60' TO 706.00' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE (705.20 TO 706.00') - 1 CSG. INSERT FLOAT (661.70) - 16 JOINTS CSG.

5 CENTRALIZER FROM 6.60' TO 706.00'.

CIRCULATE AND MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TESTED CEMENTING LINES TO 1000 HIGH PRESSURE FOR 3 MINUTES.

PUMP 20 BBLs FRESH WATER AHEAD.

400 SACKS OF LEAD ( PREMIUM PLUS 3% CACL ) MIXED TO 14.8 PPG AT 6 BPM WITH 200 PSI.

DROPPED TOP PLUG. DISPLACED CEMENT WITH 42 BBLs ( FRESH WATER ) USING HALLIBURTON AT 6 BPM WITH 300 PSI FINAL DISPLACEMENT

PRESSURE. BUMPED PLUG WITH 1000 PSI. HELD PRESSURE FOR 2 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 91

SACK CEMENT TO SURFACE. PLUG DOWN AT 02:18 HOURS ON 09/07/2007. WOC

**Date: 09/08/2007**

Supervisor 1: WAYNE LUCAS

WOC, BACK OFF 8 5/8" HERCULES LM-85 WELL HEAD. NIPPLE UP BOP EQUIPMENT.

TRIP IN HOLE WITH 7 7/8" BIT, TWO IBS STABILIZERS AT 60' AND 90'.

TEST CASING, BOP, 2" VALVES TO 1000 PSI FOR 30 MIN.

DRILL CEMENT AND FLOAT EQUIPMENT WITH 10 K ON BIT, 65 RPM, 750 PSI AT 402 GPM.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 715' TO 1115' USING 25 AVERAGE WOB, 90 ROTARY RPMS, 402 GPM @ 750 PUMP PSI

SURVEY AT 1115' = 1.00 DEG.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1115' TO 1440' USING 25 AVERAGE WOB, 70 ROTARY RPMS, 402 GPM @ 850 PUMP PSI

SERVICE RIG.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1440' TO 1547' USING 35 AVERAGE WOB, 70 ROTARY RPMS, 402 GPM @ 900 PUMP PSI

SURVEY AT 1547' = 1.25 DEG

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1547' TO 1630' USING 35 AVERAGE WOB, 70 ROTARY RPMS, 402 GPM @ 900 PUMP PSI

**Date: 09/09/2007**

Supervisor 1: WAYNE LUCAS

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1630' TO 2043' USING 35 AVERAGE WOB, 70 ROTARY RPMS, 402 GPM @ 900 PUMP PSI

SURVEY AT 2013' = 1.00 DEG.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 2043' TO 2107' USING 35 AVERAGE WOB, 70 ROTARY RPMS, 402 GPM @ 900 PUMP PSI

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 2107' TO 2470' USING 35 AVERAGE WOB, 70 ROTARY RPMS, 402 GPM @ 900 PUMP PSI

CIRCULATE AND CONDITION HOLE FOR LOGS.

TRIP OUT OF HOLE.

INSTALL ELEVATORS, REMOVE STRIPPER RUBBER AND INSTALL PACK-OFF FLANGE.

SAFETY MEETING AND RIG UP LOGGING TRUCK.

**Date: 09/10/2007**

Supervisor 1: WAYNE LUCAS

RUN OPEN HOLE LOGS. FIRST RUN DUAL LATEROLOG MICRO SPHERICALLY, FOCUSED LOG.

SECOND RUN COMPENSATED SPECTRAL NATURAL GAMMA RAY LOG. LOGS TAGGED AT 2468.00'.

SAFETY MEETING AND RIG UP TO RUN CASING.

RUN (5.5"), (5.9#), (FG) CASING FROM 6.60' TO 2289.95', RUN (5.5"), (15.5#), (J-55), (8RD) CASING FROM 2289.95' TO 2460.00' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 GUIDE SHOE (2459.20' to 2460.00') - 1 JOINTS STEEL CSG. INSERT FLOAT (2449.45') - 4 JOINTS STEEL CSG.

78 JOINTS FIBERGLASS CASING - 1 LANDING JOINT. 3 CENTRALIZER FROM 2450.00' TO 2289.95'

CIRCULATE AND CONDITION HOLE FOR CEMENT.

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TEST LINES TO 2000 PSI FOR 10 MIN. PUMP 20 BBLs FRESH WATER AHEAD.

400 SACKS OF ( PREMIUM PLUS 3% CACL ) MIXED TO 11.1 PPG AT 7 BPM WITH 100 PSI AND 150 SACKS OF ( PREMIUM PLUS 3% CACL ) MIXED TO 13.2 PPG AT 7 BPM WITH 200 PSI. DROPPED TOP PLUG. WASH UP TO PITS.

DISPLACED CEMENT WITH 53.7 BBLs ( FRESH WATER ) USING HALLIBURTON AT 7 BPM WITH 400 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 900 PSI. HELD PRESSURE FOR 4 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 177 SACK CEMENT TO SURFACE. PLUG DOWN AT 16:38 HOURS ON 09/09/2007. WOC

NIPPLE DOWN AND CLEAN PITS. RIG RELEASED AT 23:00 HOURS ON 09/09/2007