

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

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

RECEIVED  
2007 SEP 12 AM 11 49

WELL API NO. 30-021-20385
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG-4609
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1832
8. Well Number 081
9. OGRID Number 16696
10. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 640
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4600'
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 _____

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 8 Township 18N Range 32E NMPM County Harding

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4600'

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 9/14/07

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 9/17/07

Conditions of Approval, if any:

## BDCDGU 1832-081

**Date: 08/17/2007**

Supervisor 1:

CHAD FRAZIER

MOVE IN AND RIG UP. CONDUCTED PRE SPUD RIG INSPECTION

DRILLED 12.25" SURFACE HOLE FROM 6.6' TO 385' USING 10/12 AVERAGE WOB, 120 ROTARY RPMS, 402 GPM @ 500 PUMP PSI

RAN INCLINATION SURVEY ON SLICK LINE @ 354' - 0.5 DEGREE

DRILLED 12.25" SURFACE HOLE FROM 385' TO 715' USING 20/25 AVERAGE WOB, 120 ROTARY RPMS, 402 GPM @ 750 PUMP PSI

CIRCULATED TO CONDITION HOLE TO POOH AND RUN CASING

RAN INCLINATION SURVEY ON SLICK LINE @ 684' - 1.0 DEGREE, TOH. PRE JOB SAFETY MEETING, AND RIG UP CASING TOOLS

RAN (8.625), (24.00), (J-55), (ST&C) CASING FROM 6.60' TO 706.38' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE (706.38 TO 705.58') - 1 CSG. INSERT FLOAT DEPTH - (662.86) - 16 JOINTS CSG (662.4' - 6.6')

PRE JOB SAFETY MEETING WITH HALLIBURTON, AND CIRCULATED TO CONDITION HOLE FOR CEMENTING JOB

RIGGED UP AND TESTED CEMENTING LINES TO 1000 PSI 10 MINUTES PUMPED CEMENT JOB AS FOLLOWS:

400 SACKS OF LEAD, PREMIUM PLUS MIXED TO 14.8 PPG, 1.35 YIELD AT 5 BPM WITH 100 PSI

DROPPED TOP PLUG @ 23:37. DISPLACED CEMENT WITH 42.3 BBLS FRESH WATER USING HALLIBURTON PUMP TRUCK AT 6 BPM WITH 200 PSI FINAL

DISPLACEMENT PRESSURE. BUMPED PLUG @ 23:53 WITH 750 PSI. HELD PRESSURE FOR 10 MINUTES. FLOAT EQUIPMENT HOLDING OK.

CIRCULATED 32 BBLS OF CEMENT TO RESERVE PITS. WOC

BREAK OFF LANDING JOINT, AND RIG UP BOPE

TIH WITH 7.875" PRODUCTION BHA, TAG CEMENT @ 651'. WOC - CHANGE OIL IN SWIVEL

**Date: 08/18/2007**

Supervisor 1:

CHAD FRAZIER

WOC, AND SLIP AND CUT 100' DRILLING LINE

BREAK CIRCULATION USING RIG PUMPS AND TEST CASING, BOP AND INSIDE WELLHEAD VALVES TO 1000 PSI FOR 30 MINUTES, AND OUTSIDE WELLHEAD VALVES TO 1000 PSI FOR 10 MINUTES, OK

DRILLED FLOAT AND CEMENT FROM 651' TO 715' USING 8/10K WOB, 50/55 ROTARY RPM'S, 402 GPM @ 750 PUMP PSI

DRILLED 7.875" PRODUCTION HOLE FROM 715' TO 972' (275') USING 10/15K WOB, 70/75 ROTARY RPM'S, 402 GPM @ 750 PUMP PSI.

DRILLED 7.875" PRODUCTION HOLE FROM 972' TO 1129' (157') USING 15/20K WOB, 70/75 ROTARY RPM'S, 402 GPM @ 750 PUMP PSI.

RAN INCLINATION SURVEY ON SLICK LINE @ 1099 - 1.00 DEGREE

DRILLED 7.875" PRODUCTION HOLE FROM 1129' TO 1551' (422') USING 30/35K WOB, 70/75 ROTARY RPM'S, 402 GPM @ 750 PUMP PSI.

RAN INCLINATION SURVEY ON SLICK LINE @ 1520' - 1.25 DEGREE

DRILLED 7.875" PRODUCTION HOLE FROM 1551' TO 1613' (62') USING 30/35K WOB, 70/75 ROTARY RPM'S, 402 GPM @ 750 PUMP PSI.

**Date: 08/19/2007**

Supervisor 1:

CHAD FRAZIER

DRILLED 7.875" PRODUCTION HOLE FROM 1613' TO 1930' (317'), USING 30/35K AVERAGE WOB, 70/75 ROTARY RPMS, 402 GPM @ 850 PUMP PSI

RAN INCLINATION SURVEY ON SLICK LINE @ 1899 - 1.25 DEGREE

DRILLED 7.875" PRODUCTION HOLE FROM 1930' TO 2385' (455'), USING 30/35K AVERAGE WOB, 70/75 ROTARY RPMS, 402 GPM @ 900 PUMP PSI

CIRCULATE TO CONDITION HOLE FOR LOGGING AND RUNNING 5.5" PRODUCTION CASING

RAN INCLINATION SURVEY ON SLICK LINE @ 2354' - 1.00 DEGREE, AND POOH AND LAY DOWN DRILL STRING TO LOG AND RUN 5.5" PRODUCTION CASING

REMOVE STRIPPING RUBBER AND RIG UP LOGGERS

LOGGED WELL. 1ST RUN WITH DLL, AND 2 ARM CALIPER @ 35' / MIN.

2ND RUN WITH COMPENSATED NEUTRON, DENSITY NEUTRON, SPECTRAL GAMMA RAY @ 15' / MIN.

**Date: 08/20/2007**

Supervisor 1:

CHAD FRAZIER

FINISHED LOGGING WELL (2 RUNS). 1ST RUN WITH DLL, AND 2 ARM CALIPER @ 35' / MIN.

2ND RUN WITH COMPENSATED NEUTRON, DENSITY NEUTRON, SPECTRAL GAMMA RAY @ 15' / MIN.

PRE JOB SAFETY MEETING RUNNING CASING

RIGGED UP AND RAN (5.5"), (5.3#), (FG) CASING FROM 6.60' TO 2226.24' TORQUING CONNECTIONS TO 400 AVERAGE FT/LBS, RAN (5.5"), (15.5#), (J-55), (8RD) CASING FROM 2226.57' TO 2374' TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 GUIDE SHOE FROM 2374 TO 2373.20 - 1 STEEL SHOE JOINT CSG. W/ INSERT FLOAT FROM 2373.20' TO 2363.38'

4 JOINTS STEEL CSG. FROM 2363.38' TO 2226.24' - 76 JOINTS FIBERGLASS CASING FROM 2226.24' TO 9.27'

1 LANDING JOINT FROM 9.27' TO -3.73' (ABOVE KB) - 3 CENTRALIZER FROM 2364 TO 2227'.

CIRCULATE TO CONDITION HOLE FOR CEMENTING JOB, AND HAVE PRE JOB SAFETY MEETING WITH HALLIBURTON

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TEST LINES TO 1000 PSI FOR 10 MIN. PUMP 20 BBLS FRESH WATER AHEAD @ 6 BPM WITH 150 PSI.

400 SACKS OF ( PREMIUM PLUS 3% CACL ) MIXED TO 11.1 PPG AT 6 BPM WITH 200 PSI. 150 SACKS OF ( PREMIUM PLUS 3% CACL ) MIXED TO 13.2 PPG AT 6 BPM WITH 200 PSI. WASHED UP LINES AND TUB TO RESERVE PIT AND DROPPED TOP PLUG.

DISPLACED CEMENT WITH 52 BBLS ( FRESH WATER ) USING HALLIBURTON PUMPS AT 6 BPM WITH 350 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 800 PSI. HELD PRESSURE FOR 10 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING.

CIRCULATED 135 BBLS OF CEMENT TO RESERVE PITS. PLUG DOWN 08/19/2007 @ 13:21. WOC

LEAD CEMENT EXCESS OVER BIT SIZE - 309% - TAIL CEMENT EXCESS OVER BIT SIZE - 168%

REMOVED LANDING JOINT AND BOPE - RIG RELEASED TO BDU 1832-051G 08/19/2007 @ 19:30