

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. 30-021-20375
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG-4621

**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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other CO2 Supply Well <input type="checkbox"/>	7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1932
2. Name of Operator OXY USA Inc.	8. Well Number 321
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250	9. OGRID Number 16696
4. Well Location Unit Letter <u>J</u> : <u>1700</u> feet from the <u>south</u> line and <u>1700</u> feet from the <u>east</u> line Section <u>32</u> Township <u>19N</u> Range <u>32E</u> NMPM County <u>Harding</u>	10. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 640
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4550'	
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 _____	

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 9/11/07

E-mail address:

Type or print name David Stewart

Telephone No. 432-685-5717

For State Use Only

APPROVED BY David Stewart TITLE DISTRICT SUPERVISOR DATE 9/17/07

Conditions of Approval, if any:

## BDCDGU 1932-321

**Date: 08/24/2007**

Supervisor 1: WAYNE LUCAS

MOVE IN AND RIG UP.

RIG INSPECTION.

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 6.6' TO 147'. USING 12 K AVERAGE WOB, 110 ROTARY RPM'S, 402 GPM @ 700 PUMP PSI. SERVICE RIG.

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 147' TO 385'. USING 25 K AVERAGE WOB, 110 ROTARY RPM'S, 402 GPM @ 700 PUMP PSI. SURVEY AT 354' = .50 DEG.

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 385' TO 715'. USING 25 K AVERAGE WOB, 110 ROTARY RPM'S, 402 GPM @ 700 PUMP PSI. CIRCULATE AND CONDITION HOLE FOR CASING.

TRIP OUT OF HOLE.

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 (661.75) - 16 JOINTS CSG.

5 CENTRALIZER FROM 6.60' TO 706.00'.

CIRCULATE AND CONDITION HOLE FOR CEMENT.

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TESTED CEMENTING LINES TO 1000 HIGH PRESSURE FOR 3 MINUTES.

PUMP 20 BBL'S FRESH WATER AHEAD.

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

DROPPED TOP PLUG. DISPLACED CEMENT WITH 42 BBL'S ( FRESH WATER ) USING HALLIBURTON AT 5 BPM WITH 250 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 750 PSI. HELD PRESSURE FOR 2 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 104 SACK CEMENT TO SURFACE. PLUG DOWN AT 01:10 HOURS ON 08/24/2007.

WOC 4 HOURS. BACK OFF 8 5/8" LANDING JOINT AND NIPPLE UP HERCULES LM-85 WELL HEAD.

**Date: 08/25/2007**

Supervisor 1: WAYNE LUCAS

NIPPLE UP BOP EQUIPMENT.

TRIP IN HOLE WITH 7 7/8" BIT AND TWO ROLLER REAMERS 60' AND 90'.

TEST CASING AND BOP EQUIPMENT TO 1000 PSI FOR 30 MIN. OUTSIDE 2" VALVE AND CHOKE 1000 PSI, 10 MIN.

DRILL CEMENT AND FLOAT EQUIPMENT FROM 650' TO 706'. USING 15 K AVERAGE WOB, 60 ROTARY RPM'S, 402 GPM @ 700 PUMP PSI.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 715' TO 1080'. USING 15/20 K AVERAGE WOB, 70 ROTARY RPM'S, 402 GPM @ 750 PUMP PSI.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1080' TO 1173'. USING 25/30 K AVERAGE WOB, 70 ROTARY RPM'S, 402 GPM @ 750 PUMP PSI.

SURVEY AT 1142' = 1.5 deg

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1173' TO 1574'. USING 30/35 K AVERAGE WOB, 70 ROTARY RPM'S, 402 GPM @ 750 PUMP PSI.

SURVEY AT 1574' = 1.5 deg

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1574' TO 1730'. USING 35/40 K AVERAGE WOB, 70 ROTARY RPM'S, 402 GPM @ 1000 PUMP PSI.

**Date: 08/26/2007**

Supervisor 1: WAYNE LUCAS

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1730' TO 1913'. USING 40 K AVERAGE WOB, 70 ROTARY RPM'S, 402 GPM @ 750 PUMP PSI.

SURVEY AT 1913' = 1.25 DEG.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1913' TO 2101'. USING 38 K AVERAGE WOB, 70 ROTARY RPM'S, 402 GPM @ 750 PUMP PSI.

SURVEY AT 2101' = 1.00 DEG.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 2101' TO 2270'. USING 38 K AVERAGE WOB, 70 ROTARY RPM'S, 402 GPM @ 750 PUMP PSI.

CIRCULATE AND CONDITION HOLE FOR CASING.

DROP SURVEY TOOL AND TRIP OUT OF HOLE.

RUN (5.5"), (5.9#), (FG) CASING FROM 6.60' TO 2260.00', RUN (5.5"), (15.5#), (J-55), (8RD) CASING FROM 2146.87' TO 2260.00' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 GUIDE SHOE (2259.20' to 2260.00') - 1 JOINTS STEEL CSG. INSERT FLOAT (2249.45') - 3 JOINTS STEEL CSG.

73 JOINTS FIBERGLASS CASING - 1 LANDING JOINT. - 2 CENTRALIZER FROM 2249.45' TO 2146.87'

CIRCULATE AND CONDITION HOLE FOR CEMENT.

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TEST LINES TO 1000 PSI FOR 10 MIN.

PUMP 20 BBL'S FRESH WATER AHEAD.

400 SACKS OF ( PREMIUM PLUS 3% CACL ) MIXED TO 11.1 PPG AT 6 BPM WITH 150 PSI AND 150 SACKS OF ( PREMIUM PLUS 3% CACL ) MIXED TO 13.2 PPG AT 6 BPM WITH 150 PSI

DROPPED TOP PLUG. WASH UP TO PITS. DISPLACED CEMENT WITH 49.3 BBL'S ( FRESH WATER ) USING HALLIBURTON AT 6 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 196 SACK CEMENT TO SURFACE. PLUG DOWN AT 00:31 HOURS ON 08/26/2007.

WOC AND NIPPLE DOWN BOP EQUIPMENT. RIG RELEASED AT 06:00 HOURS ON 08/26/2007.