

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 AUG 6 PM 1 54

WELL API NO. 30-021-20363
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. L0-5802
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 2032
8. Well Number 031
9. OGRID Number 16696
10. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 640

11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4810'	
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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 <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 2032
2. Name of Operator OXY USA Inc.	8. Well Number 031
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250	9. OGRID Number 16696
4. Well Location Unit Letter <u>F</u> : <u>1700</u> feet from the <u>north</u> line and <u>1700</u> feet from the <u>west</u> line Section <u>3</u> Township <u>20N</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.) 4810'	

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 8/2/07

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 8/6/07

Conditions of Approval, if any:

BDCDGU 2032-031

Date: 07/28/2007

Supervisor 1: WAYNE LUCAS

MOVE IN FROM BDU 2032-021G. RIG UP AND RIG INSPECTION. PRESPUD SAFETY MEETING.

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 6.6' TO 358'. USING 11 K AVERAGE WOB, 100 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI.
SURVEY AT 350' .75 DEG.

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 358' TO 713'. USING 25 K AVERAGE WOB, 100 ROTARY RPM'S, 362 GPM @ 750 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 704.00' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:
1 (TEXAS PATTERN) SHOE (703.20 TO 704.00') - 1 CSG. INSERT FLOAT (659.75') - 16 JOINTS CSG.
5 CENTRALIZER FROM 6.60' TO 704.00'.

CIRCULATE AND CONDITION HOLE FOR CEMENT.

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:
TESTED CEMENTING LINES TO 2000 HIGH PRESSURE FOR 3 MINUTES.

PUMP 20 BBLS 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 BBLS (FRESH WATER) USING HALLIBURTON AT 5 BPM WITH 200 PSI FINAL DISPLACEMENT
PRESSURE. BUMPED PLUG WITH 680 PSI. HELD PRESSURE FOR 2 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 70
SACK CEMENT TO SURFACE. PLUG DOWN AT 03:23 HOURS ON 07/28/2007.

WAIT 4 HOURS ON CEMENT TO HARDEN BEFORE BACKING OFF LANDING JOINT.

Date: 07/29/2007

Supervisor 1: WAYNE LUCAS

WAIT 4 HOURS ON CEMENT TO HARDEN BEFORE BACKING OFF LANDING JOINT.

BREAK OFF LANDING JOINT. NIPPLE UP BOP. TIH. CHECK BRAKE.

TEST CASING, BOP AND INSIDE WELLHEAD VALVES TO 1000# FOR 30 MINUTES, OK AND OUTSIDE WELLHEAD VALVES TO 1000 PSI FOR 10 MINUTES, OK

DRILLING CEMENT AND FLOAT EQUIPMENT

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 713' TO 911'. USING 25 K AVERAGE WOB, 80 ROTARY RPM'S, 348 GPM @ 1200 PUMP PSI.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 911' TO 1131'. USING 25 K AVERAGE WOB, 80 ROTARY RPM'S, 348 GPM @ 1200 PUMP PSI.

SURVEY @ 1100' = 1 deg

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1131' TO 1532'. USING 25 K AVERAGE WOB, 80 ROTARY RPM'S, 348 GPM @ 1200 PUMP PSI. SAFETY
MEETING.

SURVEY @ 1500' = 1 deg. SERVICE RIG.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1532' TO 1842'. USING 25 K AVERAGE WOB, 80 ROTARY RPM'S, 348 GPM @ 1200 PUMP PSI.

Date: 07/30/2007

Supervisor 1: WAYNE LUCAS

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1842' TO 1904'. USING 30 K AVERAGE WOB, 70 ROTARY RPM'S, 362 GPM @ 1300 PUMP PSI.

SURVEY @ 1904' = .75 deg

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1904' TO 2246'. USING 30 K AVERAGE WOB, 70 ROTARY RPM'S, 362 GPM @ 1300 PUMP PSI.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 2246' TO 2362'. USING 30 K AVERAGE WOB, 70 ROTARY RPM'S, 362 GPM @ 1300 PUMP PSI.

CIRCULATE AND CONDITION HOLE. TOO. SURVEY @ 2362 = .75 deg

REMOVE STRIPPING RUBBER. RIG UP BAILS, ELEVATORS, NIPPLE, AND LUBRICATOR. RIG UP LOGGING TOOLS. LOGGING.

Date: 07/31/2007

Supervisor 1: WAYNE LUCAS

FIRST RUN DUAL LATEROLOG, MICRO-SPHERICALLY FOCUSED LOG FROM 2364' TO 704'. SECOND RUN SPECTRAL DENSITY, DUAL SPACD NEUTRON,
COMPENSATED SPECTRAL, NATURAL GAMMA RAY LOG. RAN FROM 2361' TO 1400'.

SAFETY MEETING AND RIG UP TO RUN CASING.

RUN (5.5"), (5.9#), (FG) CASING FROM 6.60' TO 2114.15', RUN (5.5"), (15.5#), (J-55), (8RD) CASING FROM 2114.15' TO 2352.00' TORQUE CONNECTIONS TO 2440
AVERAGE FT/LBS AS FOLLOWS:

1 GUIDE SHOE (2351.20' to 2352.00') - 1 JOINTS STEEL CSG. INSERT FLOAT (2341..20') - 6 JOINTS STEEL CSG. - 72 JOINTS FIBERGLASS CASING
1 LANDING JOINT. 4 CENTRALIZER FROM 2114.15' TO 2342.00'.

CIRCULATE CASING AND CONDITION HOLE FOR CEMENT.

CIRCULATE AND WAIT ON HALLIBURTON CEMENTING SURFACE CASING ON RIG #11.

SAFETY MEETING AND RIG UP HALLIBURTON.

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TEST LINES TO 2000 PSI FOR 10 MIN.

PUMP 20 BBLS FRESH WATER AHEAD. 650 SACKS OF (PREMIUM PLUS 3% CACL) MIXED TO 11.1 PPG AT 6 BPM WITH 100 PSI AND 150 SACKS OF (PREMIUM PLUS 3% CACL) MIXED TO 13.2 PPG AT 6 BPM WITH 100 PSI. DROPPED TOP PLUG. WASH UP TO PITS. DISPLACED CEMENT WITH 51.4 BBLS (FRESH WATER) USING HALLIBURTON AT 6 BPM WITH 350 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 800 PSI. HELD PRESSURE FOR 1
MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 174 SACK, 102 BBLS CEMENT TO SURFACE. PLUG DOWN AT 16:11
HOURS ON 07/30/2007.

WAIT ON CEMENT TO HARDEN. DUMP AND CLEAN PITS, UNBOLT BOP AND NIPPLE DOWN RIG RELEASED AT 00:15 HOURS ON 07/31/2007.