

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

WELL API NO. 30-021-20364
Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
State Oil & Gas Lease No.

RECEIVED
JUL 30 PM 12:11

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	7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 2033
2. Name of Operator OXY USA Inc.	8. Well Number 122
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250	9. OGRID Number 16696
4. Well Location Unit Letter <u>K</u> : <u>1700</u> feet from the <u>south</u> line and <u>1685</u> feet from the <u>west</u> line Section <u>12</u> Township <u>20N</u> Range <u>33E</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.) 4898.4'	
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 7/27/07

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 2033-122

Date: 07/17/2007

Supervisor 1: WAYNE LUCAS

MOVE IN AND RIG UP. PRESPUD RIG INSPECTION.

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 6.6' TO 486' USING 15 K AVERAGE WOB, 120 ROTARY RPM'S , 402 GPM @ 750 PUMP PSI.

SURVEY AT 456' = .75 DEG.

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 486' TO 516' USING 15 K AVERAGE WOB, 120 ROTARY RPM'S , 402 GPM @ 750 PUMP PSI.

WAIT ON DRILL PIPE TO BE UNLOADED.

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 516' TO 715' USING 15 K AVERAGE WOB, 120 ROTARY RPM'S , 402 GPM @ 750 PUMP PSI.

CIRCULATE AND CONDITION HOLE FOR CASING.

SURVEY AND TRIP OUT OF HOLE.

RUN (8.625), (24.00), (J-55), (ST&C) CASING FROM 9.5' TO 707.00' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (GUIDE) SHOE (706.35' TO 707.00') - 1 JOINTS CSG. INSERT FLOAT COLLAR (662.82') - 16 JOINTS CSG.

5 CENTRALIZER FROM 9.5' TO 707.00'.

CIRCULATE AND CONDITION HOLE FOR CEMENT.

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TESTED CEMENTING LINES TO 3000 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 6 BPM WITH 200 PSI.

DROPPED TOP PLUG. DISPLACED CEMENT WITH 42 BBLS (FRESH WATER) USING HALLIBURTON AT 4.5 BPM WITH 250 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 600 PSI. HELD PRESSURE FOR 2 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 42 SACK CEMENT TO SURFACE. PLUG DOWN AT 02:36 HOURS ON 07/17/2007.

WAIT ON CEMENT TO HARDEN BEFORE BACKING OFF LANDING JOINT.

Date: 07/18/2007

Supervisor 1: WAYNE LUCAS

WOC. TRIP IN HOLE WITH 7 7/8" BIT.

TEST CASING, BOP AND INSIDE 2" VALVES TO 1000 PSI FOR 30 MIN. TEST OUTSIDE VALVES TO 1000 PSI FOR 10 MIN.

DRILLED CEMENT AND FLOAT EQUIPMENT INSIDE 8 5/8" SURFACE CASING FROM 657' TO 715' USING 8 K AVERAGE WOB, 60 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI ON BOTTOM.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 715' TO 1250' USING 16 K AVERAGE WOB, 80 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI ON BOTTOM. WIRELINE SURVEY AT 1215' = .75 DEG.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1250' TO 1681' USING 16 K AVERAGE WOB, 80 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI ON BOTTOM. ADD 40 SX STARCH DRILL IN STEEL PITS AT 1100'. WIRELINE SURVEY AT 1650' = 1 DEG.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1681' TO 1864' USING 25 K AVERAGE WOB, 80 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI ON BOTTOM.

Date: 07/19/2007

Supervisor 1: WAYNE LUCAS

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1864' TO 2120'. USING 25 K AVERAGE WOB, 70 ROTARY RPM'S, 362 GPM @ 900 PUMP PSI.

WIRELINE SURVEY @ 2020' - .75 DEGREES

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 2120' TO 2315'. USING 25 K AVERAGE WOB, 70 ROTARY RPM'S, 362 GPM @ 900 PUMP PSI.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 2315' TO 2445'. USING 25 K AVERAGE WOB, 70 ROTARY RPM'S, 362 GPM @ 900 PUMP PSI.

CIRCULATE TO CONDITION HOLE. WIRELINE SURVEY @ 2445' - 1.5 DEGREES

TRIP OUT OF HOLE. RIG UP CASING TOOL TO REMOVE STRIPPING RUBBER

RIG UP CASING TOOL TO REMOVE STRIPPING RUBBER

RUN (5.5), (15.50), (L-55), (LT&C) CASING FROM 6.6' TO 2429.00' TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 (GUIDE) SHOE (2428.35' TO 2429.00') - 1 SHOE JOINT CSG WITH INSERT FLOAT AT 2418.60') - 57 JOINT CSG. - 1 LANDING JOINT

3 CENTRALIZER FROM 2433.20' TO 2260.72'.

RIG UP CEMENTERS AND CIRCULATE, SAFETY MEETING

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TEST LINES TO 2000 PSI FOR 10 MIN.

PUMP 20 BBLS FRESH WATER AHEAD.

300 SACKS OF (PREMIUM PLUS 3% CACL) MIXED TO 11.1 PPG AT 5.5 BPM WITH 100 PSI AND 150 SACKS OF (PREMIUM PLUS 3% CACL) MIXED TO 13.2 PPG AT 5.5 BPM WITH 100 PSI. FULL CIRCULATION UNTIL PUMPS WERE SHUT DOWN TO WASH UP TO PITS.

DROPPED TOP PLUG. WASH UP TO PITS.

DISPLACED CEMENT WITH (FRESH WATER) USING HALLIBURTON. PRESSURE INCREASED TO 900 PSI AFTER PUMPING 7 BBLS DISPLACEMENT WITH NO RETURNS. INCREASE PRESSURE SLOWLY TO 1200 PSI. PUMP RATE AT 4 BPM WITH NO RETURNS. SHUT DOWN PUMP AND CHECK VALVE ON WELL HEAD TO A SURE IT WAS NOT PLUGGED. THE WELL HEAD VALVE WAS CLEAR. RESUME PUMPING AT 1200 PSI AND INCREASE SLOWLY TO 3500 PSI WITH A PUMP RATE OF 1 TO 1/4 BPM. PUMPED A TOTAL DISPLACEMENT OF 45 BBLS. SHUT DOWN AT 3500 PSI PRESSURE HOLDING IN CASING. BLEED OFF PRESSURE AND CHECK FLOAT FOR 30 MIN. FLOAT HOLDING. STOPPED PUMPING AT 02:08 HOURS ON 07/19/2007. TOTAL DISPLACEMENT FOR CASING SHOULD HAVE BEEN 57.6 BBLS. LEAVING 529' OF CEMENT IN 5 1/2" CASING. CASING DID NOT RAISE UP OR PUMP UP OUT OF HOLE WHILE PUMPING DISPLACEMENT.

JET CELLAR, SET SLIPS, NIPPLE DOWN, CLEAN PITS