

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

2008 OCT 20 PM 3:51

WELL API NO. 30-021-20393
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1932
8. Well Number 091
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 9 Township 19N Range 32E NMPM County Harding

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

4699.8'

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 10/14/08

E-mail address: david\_stewart@oxy.com  
Telephone No. 432-685-5717

Type or print name David Stewart

For State Use Only

APPROVED BY Ed Martin TITLE DISTRICT SUPERVISOR DATE 10/28/08

Conditions of Approval, if any:

**BDCDUGU 1932-091****Date: 05/07/2008**

WAITING TRUCKS TO MOVE RIG .

PJSM WITH RIG CREW &amp; RIG MOVERS &amp; CO / MAN

RD &amp; MOVE &amp; RU ON BDU 1932-091G LOCATION .&amp; MIX SPUD MUD . STRAP 8.625" CASING &amp; DRIFT . STRAP BHA # 1 .

PJSM. PRE- SPUD RIG INSPECTION

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 11' TO 364' USING 15-20K AVERAGE WOB, 80 ROTARY RPM'S 370 GPM @ 500 PUMP PSI.

SPUD 12 1/4" SURFACE HOLE @ 01:30 05/07/2008

SURVEY AT 335' = 1.25 DEG.

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 364' TO 450' USING 15-20K AVERAGE WOB, 80 ROTARY RPM'S 370 GPM @ 500 PUMP PSI.

**Date: 05/08/2008**

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 450' TO 725' USING 15-20K AVERAGE WOB, 80 ROTARY RPM'S 370 GPM @ 500 PUMP PSI. TD SURFACE HOLE @ 10:30 AM 05/07/2008

SURVEY @ 700' 1.75 \* DEG

CIRCULATE AND CONDITON HOLE FOR CASING. PUMP 60 BBLS OF 80 VIS PILL TO SWEEP HOLE. JSA MEETING ON TRIP OUT OF HOLE.

TRIP OUT OF THE HOLE TO RUN CASING .

PJSM &amp; RU CASING TOOLS TO RUN 8 5/8" SURFACE CASING .

RUN (8.625), (24.00), (J-55), (ST&amp;C ) CASING FROM 11' TO 713' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (GUIDE) SHOE (713' TO 712.11') - 1 JOINTS CSG. - 1 FLOAT COLLAR (668.67' TO 667.77') - 16 JOINTS CSG.

5 CENTRALIZER FROM 11.00' TO 700'.

CIRC &amp; WASH LAST 45' DOWN OF 8 5/8" CSG

CIRCULATE, SAFETY MEETING AND RIG UP HALLIBURTON.

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 200 PSI AND

DROPPED TOP PLUG. DISPLACED CEMENT WITH 42.6. ( FRESH ) USING HALLIBURTON AT 5 BPM WITH 220 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 700 PSI. HELD PRESSURE FOR 2 MINUTES. BLED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING.

CIRCULATED 68 SACK CEMENT TO SURFACE. PLUG DOWN AT 19:16 HOURS ON 05/07/2008.

WOC 4 HOURS BEFORE BACKING OFF LANDING JOINT. CHANGE LINER ON #1 PUMP TO 6".

BACK OFF LANDING JOINT. INSTALL LM-85 WELL HEAD NIPPLE UP 9" 3000 DOUBLE RAM BOP AND ANNULAR.

**Date: 05/09/2008**

FINISH NU BOP'S

TEST BLINDS, CHOKE MANIFOLD AND 4" CHOKE LINE GATE VALVE WITH 250 PSI LOW AND 2000 PSI HIGH FOR 5 MIN EACH ( TEST GOOD )

PICK UP &amp; STRAP BHA # 2 AND TRIP IN HOLE. IN STALL ROTATING RUBBER. CHAIN DOWN BOP .

TEST CASING TO 1000 PSI FOR 30 MIN. OK

TAG CMT @ 640 DRILL CEMENT AND PLUG. 10' OF FORMATION. F/725 T/ 735'

PERFORMED F. I. T. TEST TO 230 PSI AT 731' T.V.D. USING 8.4 PPG MUD. EQUIVALENT MUD WEIGHT = 14.5 PPG

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 735' TO 1120' USING 10 K AVERAGE WOB, 65 ROTARY RPM'S + 146 MOTOR RPM'S = 191 TOTAL BIT RPM'S, 442 GPM @ 1200 PUMP PSI ON BOTTOM &amp; 900 PUMP PSI OFF BOTTOM ( DRILL OVER SHAKER PIT , PUMP 12 BBL SWEEP EVERY OTHER CONNECTION )

SURVEY @ 1109' 1.50 DEG

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1120' TO 1521' USING 10 K AVERAGE WOB, 65 ROTARY RPM'S + 146 MOTOR RPM'S = 191 TOTAL BIT RPM'S, 442 GPM @ 1200 PUMP PSI ON BOTTOM &amp; 900 PUMP PSI OFF BOTTOM .

SURVEY @ 1490' 1.00 DEG

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1521' TO 1742' USING 10 K AVERAGE WOB, 65 ROTARY RPM'S + 146 MOTOR RPM'S = 191 TOTAL BIT RPM'S, 442 GPM @ 1200 PUMP PSI ON BOTTOM &amp; 900 PUMP PSI OFF BOTTOM

**Date: 05/10/2008**

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1742' TO 2027' USING 10 K AVERAGE WOB, 65 ROTARY RPM'S + 146 MOTOR RPM'S = 191 TOTAL BIT RPM'S, 442 GPM @ 1200 PUMP PSI ON BOTTOM &amp; 900 PUMP PSI OFF BOTTOM

SURVEY @ 1994' .75 \* DEG

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 2027 TO 2335' USING 10 K AVERAGE WOB, 65 ROTARY RPM'S + 146 MOTOR RPM'S = 191 TOTAL BIT RPM'S, 442 GPM @ 1200 PUMP PSI ON BOTTOM &amp; 900 PUMP PSI OFF BOTTOM .TOP OF CIMARRON FORMATION @2224' ' TOP OF TUB @ 2242' TD @2335'

CIRC &amp; COND HOLE DROP TOTCO SURVEY @ TD 2335' 2.00 \* DEG.

POOH TO RUN 5.5" CSG

RU CSG TOOLS ON THE RIG FLOOR . &amp; HOLD PJSM WITH RIG CREW &amp; CO/MAN .

Date: 05/11/2008

RUN (5.5), (15.50), (L-55), (LT&C) CASING FROM 2236.79 TO 2335.22'. TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 (GUIDE) SHOE (2335.22' TO 2324.33') - 1 SHOE JOINT CSG WITH INSERT FLOAT AT 2324.35')

2 JOINTS 5 1/2" STEEL 2236.79 TO 2324.35' - 75 FIBER GLASS JOINT CSG. - 1 LANDING JOINT

2 CENTRALIZER FROM 2280.57' TO 2324.35'.

PJSM, RIG UP HALLIBURTON CEMENT EQUIPMENT & CIRC & COND HOLE FOR CMT JOB .

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TESTED CEMENTING LINES TO 250 PSI LOW PRESSURE AND 2000 HIGH PRESSURE FOR 5 MINUTES EACH.

300 SACKS OF LEAD ( PREMIUM PLUS ) MIXED TO 11.1 PPG AT 5 BPM WITH 63 PSI

150 SACKS OF TAIL ( PREMIUM PLUS ) MIXED TO 13.2 PPG AT 5 BPM WITH 30 PSI

DROPPED TOP PLUG. PUMPED 10 BBLS WATER TO CLEAR CEMENTING LINES TO PITS.

DISPLACED CEMENT WITH 53 BBLS ( FRESH ) USING HALLIBURTON AT 5 BPM WITH 509 PSI FINAL DISPLACEMENT PRESSURE. DID NOT BUMP PLUG. HELD PRESSURE FOR 10 MINUTES. BLEAD OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING.

CIRCULATED 200 SACK CEMENT TO SURFACE. PLUG DOWN AT 13:00 HOURS ON 05/10/2008

NIPPLE DOWN BOP EQUIPMENT. KEEP CASING CHAINED DOWN FOR 3 HOURS, CLEAN MUD PITS. RIG RELEASED AT 18:00 HOURS ON 05/10/2008