

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., Artesia, NM 88210

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

May 27, 2004

WELL API NO.

30-021-20461

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

65797

7. Lease Name or Unit Agreement Name:
Bravo Dome Carbon Dioxide Gas Unit

2031

8. Well Number

331

9. OGRID Number

16696

10. Pool name or Wildcat

Bravo Dome Carbon Dioxide Gas 160

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: 1893 feet from the North line and 1752 feet from the East line

Section 33 Township 20N Range 31E NMPM County Harding

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

4619.1'

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 10/24/08

E-mail address: david_stewart@oxy.com

Type or print name David Stewart

Telephone No. 432-685-5717

For State Use Only

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

Conditions of Approval, if any:

BDCDGU 2031-331

Date: 05/28/2008

SPUD WELL AT 1130. DRILL FROM 11' - 482' WITH 450 GPM, 80 RPM, 15-20 WOB,

PUMPS #1 & 2 DOWN. CLUTCH FAILURE. TOOH FOR PUMP REPAIR

Date: 05/29/2008

REPAIR PUMPS, RIG MAINTENANCE

TIH AFTER REPAIRS WASH ALL JOINTS DOWN

DRILLING 12.25 SURFACE HOLE 482' TO 720', WOB 15/30K RPM 100 GPM 448

CIRCULATE AND CONDITION MUD. TOOH. R/U CASING HANDLING TOOLS

RUN 8.625" CASING. RUN (8.625), (24.00), (J-55), (ST&C) CASING FROM 11' TO 711' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:
1 (GUIDE) SHOE (711' TO 710') - 1 JOINTS CSG. - 1 FLOAT COLLAR (668.75' TO 667.63') - 15 JOINTS CSG. - 5 CENTRALIZER FROM 11.00' TO 700'

CIRC AND CONDITION MUD R/D CASING HANDLING TOOLS AND R/U CEMENTING EQUIPMENT, PRE JOB SAFETY MEETING

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TESTED CEMENTING LINES TO 1500 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 BBLs (FRESH WATER) USING HALLIBURTON AT 5 BPM WITH 220 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 700 PSI. HELD PRESSURE FOR 2 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 68 SACK CEMENT TO SURFACE. PLUG DOWN AT 03:45 HOURS ON 05/29/2008

WOC 4 HOURS BEFORE BACKING OFF LANDING JOINT. START MIXING MUD IN RIG TANKS. MI SWACO MUD ENG ON LOCATION.

Date: 05/30/2008

BACK OUT LANDING JOINT, SCREW ON WELL HEAD. NIPPLE UP 9" BOP STACK WELL HEAD, MUD CROSS, BLIND RAMS, PIPE RAMS, ANNULAR, & MANIFOLD.

TEST #1 BLIND RAMS, CHOKES, OUTSIDE 3" PANIC LINE VALVE & ALL BREAKS, USING HALLIBURTON PUMP TRUCK, 250 PSI LOW 5 MINUTES, HI 1000 PSI FOR 30 MINUTES (OK)

SURVEY @ 476' = 0.50 DEG

TEST BOP W/ HALLIBURTON PUMP TRUCK AS FOLLOWS, 250 PSI LOW & 1000 PSI HIGH, HELD EACH TEST 5 MINUTES. ✓

TEST #2 PIPE RAMS, MANUEL 2" VALVE KILL LINE, OUTSIDE 3" VALVE PANIC LINE, BOTH OUTSIDE 2" VALVES CHOKE MANIFOLD (OK)

TEST #3 PIPE RAMS, INSIDE 2" VALVE KILL LINE, INSIDE 3" VALVE CHOKE MANIFOLD (OK)

TEST #4 ANNULAR BOP, 2" CHECK VALVE KILL LINE, 250 PSI TEST (OK) ANNULAR BOP FAILED ON 1000 PSI TEST

WO ORDERS. TRIP OUT OF HOLE TO CHANGE OUT ANNULAR BOP. NO ANNULAR BOP AND REPAIR

Date: 05/31/2008

REPAIR ANNULAR BOP. NO ANNULAR BOP. TIH

TEST BOP W/ HALLIBURTON PUMP TRUCK AS FOLLOWS: 250 PSI LOW & 1000 PSI HIGH. HELD EACH TEST 5 MINUTES. ✓

TEST #4 ANNULAR BOP, 2" CHECK VALVE KILL LINE, 3" CHOKE LINE VALVE. (OK)

DRILL CEMENT AT 632', AND PLUG

Date: 06/01/2008

DRILL CEMENT & PLUG & 10' NEW HOLE 720' TO 730'

PERFORMED FIT TO 230 PSI AT 730' USING 8.4 PPG MUD. EQUIVALENT MUD WEIGHT = 14.5 PPG.

DRILLING 7 7/8" PROD. HOLE 730' TO 1132'. WOB 15/20K RPM 65/75 GPM 469 @ 65 SPM. WIRE LINE SURVEY @ 1100' = 1 DEG.

DRILLING 7 7/8" PROD. HOLE 1132" TO 2114'. WOB 15/20K RPM 65/75 GPM 469 @ 65 SPM. TOP OF CIMARRON FORMATION 2060'. TOP OF TUBB 2078'.

WIRE LINE SURVEY @ 2083' = 1 DEG

DRILLING 7 7/8" PROD. HOLE 2114' TO 2243'. WOB 20K RPM 65 GPM 469 @ 65 SPM. TD @ 04:00 6/1/2008.

CIRCULATE AND CONDITION HOLE FOR LOGGING. WIRE LINE SURVEY @ 2241' = 1 DEG. TOH TO LOG

Date: 06/02/2008

WAIT ON LOGGING TRUCK. PJSM, RIG DOWN FLOW NIPPLE AND RIG UP PACKOFF FOR LOGS.

PJSM / LOGGING CREW, RIG UP AND LOG WELL WITH ONE RUN OF SPECTRAL DENSITY DUAL SPACED NEUTRON LOG, ARRAY COMPENSATED RESISTIVITY LOG, COMPENSATED SPECTRAL NATURAL GAMMA RAY LOG. LOGS TAG AT 2239'. RIG DOWN LOGGING CREW.

PJSM, RIG UP CASING CREW. RUN (5.5), (15.50), (L-55), (LT&C) CASING TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 (GUIDE) SHOE (2211.1' TO 2210.21') - 1 SHOE JOINT CSG WITH INSERT FLOAT AT 2200.49' - 3 JOINTS 5 1/2" STEEL 2070.62' TO 2200.49'.

75 FIBER GLASS JOINT CSG. 2200.49' TO 12.72' - 1 LANDING JOINT - 4 CENTRALIZER FROM 2207' TO 2070'.

CIRC & COND HOLE FOR CMT JOB.

PJSM, RIG UP HALLIBURTON CEMENT EQUIPMENT. 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 7 BPM WITH 135 PSI

150 SACKS OF TAIL (PREMIUM PLUS) MIXED TO 13.2 PPG AT 6 BPM WITH 205 PSI

DROPPED TOP PLUG. PUMPED 10 BBLs WATER TO CLEAR CEMENTING LINES TO PITS. DISPLACED CEMENT WITH 48.5 BBLs (FRESH) USING HALLIBURTON AT 7 BPM WITH 564 PSI FINAL. DISPLACEMENT PRESSURE. BUMP PLUG WITH 500 PSI. FLOAT EQUIPMENT HELD.

CIRCULATED 168 SACKS CEMENT TO SURFACE. PLUG DOWN AT 00:52 HOURS ON 06/01/2008

NIPPLE DOWN BOP EQUIPMENT. KEEP CASING CHAINED DOWN FOR 3 HOURS, CLEAN MUD PITS. RIG RELEASED AT 04:30 HOURS ON 06/02/2008.