

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

2008 OCT 27 PM 2:30

WELL API NO. 30-021-20460
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 10-5795
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 2031
8. Well Number 221
9. OGRID Number 16696
10. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 160

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4718.4'

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 _____

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
2. Name of Operator OXY USA Inc.
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250
4. Well Location Unit Letter <u>G</u> : <u>1680</u> feet from the <u>north</u> line and <u>1700</u> feet from the <u>east</u> line Section <u>22</u> Township <u>20N</u> Range <u>31E</u> NMPM County <u>Harding</u>
5. Elevation (Show whether DR, RKB, RT, GR, etc.) 4718.4'
6. Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
7. Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
8. 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 <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>
OTHER: <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	
OTHER: <input type="checkbox"/>	

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
Type or print name David Stewart E-mail address: david_stewart@oxy.com Telephone No. 432-685-5717

For State Use Only

APPROVED BY Ed Martin TITLE DISTRICT SUPERVISOR DATE 10/28/08
Conditions of Approval, if any:

BDCDGU 2031-221

Date: 06/03/2008

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 11' TO 417" USING 5-20K AVERAGE WOB, 80 ROTARY RPM'S 469 GPM @ 400 PUMP PSI. SPUD WELL @ 00:30 ON 06/03/2008 .

Date: 06/04/2008

TRIP TO UNPLUG BIT @ 417' WASH 30' TO BOTTOM

DRILLED FROM 417' TO 562' USING 5-20K AVERAGE WOB, 80 ROTARY RPM'S 469 GPM @ 400 PUMP PSI. SURVEY @ 532' = 75 DEG.

DRILLED FROM 562' TO 720' USING 5-20K AVERAGE WOB, 80 ROTARY RPM'S 469 GPM @ 500 PUMP PSI. PUMP 60 VIS SWEEP & CIRC OUT, DROP TOTCO

RUN 8.625" CASING (24.00), (J-55), (ST&C) CASING FROM 11' TO 711' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (GUIDE) SHOE (708' TO 707') - 1 JOINTS CSG. - 1 FLOAT COLLAR (668.4' TO 669.30') - 14 JOINTS CSG. - 5 CENTRALIZER FROM 11.00' TO 700'

CIRCULATE AND CONDITION HOLE FOR CEMENT JOB. PJSM AND RIG UP HALLIBURTON CEMENT EQUIPMENT.

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 5 BPM WITH 200 PSI AND

DROPPED TOP PLUG. DISPLACED CEMENT WITH 43 BBLs. (FRESH WATER) USING HALLIBURTON AT 6 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 166 SACK CEMENT TO SURFACE. PLUG DOWN AT 18:53 HOURS ON 06/03/2008

WOC 4 HOURS BEFORE BACKING OFF LANDING JOINT. MIX STARCH IN PREMIX TANK WHILE WOC.

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

PICK UP BHA #2 AND TIH .

Date: 06/05/2008

TIH W BHA #2 TAG CEMENT @ 676'. PERFORM SHELL TEST OF BOP, CASING, AND ANNULAR TO 250 PSI LOW PRESSURE, 1000 PSI HIGH PRESSURE.

DRILL PLUG , CEMENT & 10' FORMATION PERFORMED F. I. T. TEST TO 230 PSI AT 730' T.V.D. USING 8.4 PPG MUD. EQUIVALENT MUD WEIGHT = 14.50 PPG

INSTALL STRIPPER RUBBER & CHANGE SHAKER SCREENS

DRILLING 7 7/8" PROD. HOLE 720' TO 1158' WOB 15/20K RPM 65/75 GPM 469 @ 65 SPM. SURVEY @ 1127' = 1 DEG

DRILLING 7 7/8" PROD. HOLE 1132' TO 2109' WOB 15/20K RPM 70/90 GPM 469 @ 65 SPM. SURVEY @ 2078' = .75 DEG

DRILLING 7 7/8" PROD. HOLE 2109' TO 2194' WOB 15/20K RPM 70/90 GPM 469 @ 65 SPM

Date: 06/06/2008

DRILLING 7 7/8" PROD. HOLE 2194 TO 2307' WOB 15/20K RPM 70/90 GPM 469 @ 65 SPM TD WELL @ 07:00 AM .

CIRC & COND HOLE TO POOH TO OPEN HOLE LOG. HALLIBURTON OPEN HOLE LOGGING WELL

RIH W/ 5.5" FIBERGLASS CASING 2152.58' TO 11.' AND RUN 5.5, 15.50, L-55, LT&C CASING FROM 2292.61' TO 2152.58'

1 (GUIDE) SHOE (2292.61 TO 2291.72) - 1 SHOE JOINT CSG WITH INSERT FLOAT AT 2282' - 3 JOINTS 5 1/2" STEEL 2282" TO 2152.58'.

75 JOINTS 5 1/2" FIBER GLASS CASING - 1 LANDING JOINT - 4 CENTRALIZER FROM 2282' TO 2152.58'

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 50.3 BBLs (FRESH) USING HALLIBURTON AT 5 BPM WITH 559 PSI FINAL. DISPLACEMENT PRESSURE. BUMP PLUG WITH 500 PSI. FLOAT EQUIPMENT HELD.

CIRCULATED 197 SACKS CEMENT TO SURFACE. PLUG DOWN AT 00:04 HOURS ON 06/06/2008

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