

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. 30-021-20374 |
| 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 1832 |
| 8. Well Number 151 |
| 9. OGRID Number 16696 |
| 10. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 640 |

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 <input type="checkbox"/> | 7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1832 |
| 2. Name of Operator OXY USA Inc. | 8. Well Number 151 |
| 3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250 | 9. OGRID Number 16696 |
| 4. Well Location Unit Letter <u>G</u> : <u>1700</u> feet from the <u>north</u> line and <u>1700</u> feet from the <u>east</u> line Section <u>15</u> Township <u>18N</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.) 4641' | |

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 9/18/07

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 9/21/07

Conditions of Approval, if any:

BDCDGU 1832-151

Date: 09/03/2007

Supervisor 1: CHAD FRAZIER

MOVE IN AND RIG UP. PRESPUD RIG INSPECTION AND SAFETY MEETING. WAIT ON DRILL COLLAR

DRILLED 12.25" SURFACE HOLE FROM 6.6' TO 385' USING 10/15 AVERAGE WOB, 120 ROTARY RPMS, 402 GPM @ 600 PUMP PSI

INCINATION SURVEY AT 354' - 0.75 DEGREES

DRILLED 12.25" SURFACE HOLE FROM 385' TO 715' USING 15/18 AVERAGE WOB, 120 ROTARY RPMS, 402 GPM @ 600 PUMP PSI

CONDITION HOLE TO TOH TO RUN 8-5/8" SURFACE CASING. TRIP OUT WITH 12-1/4" SURFACE BIT AND 19 DC'S

PRE JOB SAFETY MEETING, RIG UP AND RUN (8.625), (24.00), (J-55), (ST&C) CASING FROM 6.60' TO 707.00' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE FROM 70' TO 706.20' - 1 8.625" CASING SHOE JOINT FROM 706.20' TO 662.68'

1 INSERT FLOAT IN COLLAR OF SHOE JOINT SET @ 662.68' - 15 JOINTS 8.625" CASING FROM 662.68 TO 9.60'

1 8.625" CASING LANDING JOINT FROM 9.60' TO -3.4' (ABOVE KB) - 5 CENTRALIZER FROM 6.60' TO 707.00'.

SAFETY MEETING WITH HALLIBURTON CEMENTERS AND RIG CREW ON PUMPING CEMENT

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TESTED CEMENTING LINES TO 1000 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 150 PSI.

DROPPED TOP PLUG. DISPLACED CEMENT WITH 42.4 BBLs (FRESH WATER) USING HALLIBURTON AT 6 BPM WITH 300 PSI FINAL DISPLACEMENT

PRESSURE. BUMPED PLUG WITH 800 PSI. HELD PRESSURE FOR 10 MINUTES. BLED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 32

BBLs CEMENT TO SURFACE. PLUG DOWN AT 02:09 HOURS ON 09/03/2007. WOC

PUMPED 85% EXCESS OVER BIT SIZE.

Date: 09/04/2007

Supervisor 1: CHAD FRAZIER

BREAK OFF LANDING JOINT, RIG UP WELL HEAD AND BOPE

TIH WITH 7.875" PRODUCTION BHA AND BIT TAG CEMENT @ 659'

BREAK CIRCULATION USING RIG PUMPS AND TEST BOPE AND CASING TO 1000 PSI FOR 30 MINUTES AND TEST OUTSIDE 2" VALVE ON WELLHEAD TO 1000 PSI FOR 10 MINUTES

DRILL CEMENT AND FLOAT EQUIPMENT FROM 659' TO 715' USING 10/15K AVERAGE WOB, 50/55 ROTARY RPMS, 402 GPM @ 900 PSI

DRILLED 7.875" PRODUCTION HOLE FROM 715' TO 1130' USING 20K AVERAGE WOB, 70 ROTARY RPMS, 402 GPM @ 950 PUMP PSI

RAN INCLINATION SURVEY ON SLICK LINE @ 1099' - 1.00 DEGREE

DRILLED 7.875" PRODUCTION HOLE FROM 1130' TO 1532' USING 25/30K AVERAGE WOB, 70 ROTARY RPMS, 402 GPM @ 1000 PUMP PSI

RAN INCLINATION SURVEY ON SLICK LINE @ 1501' - 1.25 DEGREE

DRILLED 7.875" PRODUCTION HOLE FROM 1532' TO 1725' USING 30/35K AVERAGE WOB, 70/80 ROTARY RPMS, 402 GPM @ 1000 PUMP PSI

Date: 09/05/2007

Supervisor 1: CHAD FRAZIER

DRILLED 7.875" PRODUCTION HOLE FROM 1725' TO 1963' USING 30/35K AVERAGE WOB, 70/80 ROTARY RPM'S, 402 GPM @ 1000 PUMP PSI

RAN INCLINATION SURVEY ON SLICK LINE @ 1933' - 1.00 DEGREE

DRILLED 7.875" PRODUCTION HOLE FROM 1963' TO 2120' USING 30/35K AVERAGE WOB, 70/80 ROTARY RPM'S, 402 GPM @ 1000 PUMP PSI

DRILLED 7.875" PRODUCTION HOLE FROM 2120' TO 2460' USING 35/40K AVERAGE WOB, 70/80 ROTARY RPM'S, 402 GPM @ 1000 PUMP PSI

FOUND CIMMARON FROM 2298' TO 2318'. PUMPED OATS @ 2325' WITH 60 SPM- GOT OATS BACK IN 17MIN. @ .135 BBLs/STROKE = 775 CUBIC FT

CIRCULATE CONDITION HOLE FOR LOGGS AND RUNNING CASING

DROP INCLINATION TOOL @ 2430' - 1.00 DEGREE TRIP OUT OF HOLE WITH 7-7/8" PRODUCTION BIT TO RUN LOGS & RUN CASING

SAFETY MEETING WITH RIG CREW AND HALLIBURTON LOGGERS. RIG UP HALLIBURTON LOGGERS TO RUN OPEN HOLE LOGS

RUN OPEN HOLE LOGS - 1ST RUN GR/DLL/MLL - FROM 2457' TO 706' - 2ND RUN SPECTRAL GR/ NEUTRON / DENSITY - FROM 2457' TO 2357'

Date: 09/06/2007

Supervisor 1: CHAD FRAZIER

FINISH RUNNING OPEN HOLE LOGS. RIGGED DOWN LOGGERS

RIG UP & RUN (5.500), (5.3), (FIBERGLASS), (8 RD) CASING FROM 6.60' TO 2310.94' TORQUE CONNECTIONS TO 400 AVERAGE FT/LBS AND (5.500), (15.50),(J-55), (ST&C) FROM 2310.94' TO 2450' TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE FROM 2450' TO 2449.20' - 1 STEEL SHOE JOINT FROM 2449.20 TO 2439.20'

1 INSERT FLOAT SET IN COLLAR OF SHOE JOINT @ 2439.20' - 3 JOINTS STEEL CSG. FROM 2439.20' TO 2309.99'

79 JOINTS FIBERGLASS CSG. 2309.99' TO 9.72' - 1 STEEL LANDING JOINT FROM 9.72' TO -3.28' (ABOVE KB)

WAIT ON LANDING JOINT - DAMAGED PIN ON LANDING JOINT PICKING IT UP OUT OF BASKET, HAD TO GO TO RIG 11 AND BARROW THEIRS.

PRE JOB SAFETY MEETING WITH CEMENTERS

RIGGED UP, MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TEST LINES TO 1500 PSI FOR 3 MIN. PUMP 20 BBLs FRESH WATER AHEAD.

400 SACKS OF (PREMIUM PLUS 3% CACL) MIXED TO 11.1 PPG AT 7 BPM WITH 150 PSI AND 150 SACKS OF (PREMIUM PLUS 3% CACL) MIXED TO 13.2 PPG

AT 7 BPM WITH 150 PSI. DROPPED TOP PLUG. WASH UP TO PITS. DISPLACED CEMENT WITH 53.5 BBLs (FRESH WATER) USING HALLIBURTON PUMP AT

7 BPM WITH 400 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 1000 PSI. HELD PRESSURE FOR 4 MINUTES. BLED OFF .5 BBL RETURNS.

FLOAT EQUIPMENT HOLDING. CIRCULATED 103.5 BBLs CEMENT TO SURFACE. PLUG DOWN AT 14:15 HOURS ON 09/05/2007. TAIL PUMPED WAS 168%

OVER BIT SIZE LEAD PUMPED WAS 329% OVER BIT SIZE

WOC, DUMP AND CLEAN STEEL PITS. RIG DOWN LANDING JOINT AND BOPE, RIG RELEASED 09/05/2007 @ 20:15