

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. 30-021-20423
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. L0-5864
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1831
8. Well Number 131
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 13 Township 18N Range 31E NMPM County Harding

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4571'

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 10/3/07

E-mail address:

Type or print name David Stewart

Telephone No. 432-685-5717

For State Use Only

APPROVED BY Ed Martin TITLE DISTRICT SUPERVISOR DATE 10/10/07

Conditions of Approval, if any:

BDCDGU 1831-131

Date: 09/22/2007

Supervisor 1:

CHAD FRAZIER

MOVE RIG IN FROM BDU 1832-071G, RIG UP, MIX SPUD MUD 28 SACKS OF FW GEL, AND STRAP 18 JOINTS OF 8.625" SURFACE CASING
CONDUCTED PRE SPUD RIG INSPECTION

DRILLED 12.25" SURFACE HOLE FROM 6.6' TO 388' USING 10/15 AVERAGE WOB, 120 ROTARY RPMS, 402 GPM @ 500 PUMP PSI. AT EVERY CONNECTION
BACKREAMING AND CIRCULATING FOR 5 MIN. CIRCULATING STEEL PITS ONLY, USING PAPER SWEEPS EVERY CONNECTION AND PUMPING A 10 BBL GEL
SWEEP EVERY THIRD CONNECTION.

RAN INCLINATION SURVEY ON SLICK LINE @ 358' - 0.75 DEGREE

DRILLED 12.25" SURFACE HOLE FROM 388' TO 716' USING 15/20 AVERAGE WOB, 120 ROTARY RPMS, 402 GPM @ 500 PUMP PSI.

CIRCULATING STEEL PITS ONLY, USING PAPER SWEEPS EVERY CONNECTION AND PUMPING A 10 BBL GEL SWEEP EVERY THIRD CONNECTION.

CIRCULATE TO CONDITION HOLE FOR TOOH AND RUNNING CASING - PUMPED 40BBL GEL SWEEP @ TD

RUN INCLINATION SURVEY ON WIRELINE @ 685', TOOH TO RUN 8.625" SURFACE CASING. PRE JOB SAFETY MEETING - RUNNING CASING

RIGGED UP AND RAN (8.625), (24.00), (J-55), (ST&C) CASING FROM 6.60' TO 706.50' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE FROM 706.50 TO 705.70' - 1 SHOE JOINT FROM 705.70' TO 662.17'

1 INSERT FLOAT SET IN COLLAR OF SHOE JOINT @ 662.17' - 15 JOINTS CSG FROM 662.17' TO 9.6'

1 LANDING JOINT FROM 9.6' TO -3.4' (ABOVE KB) - 5 CENTRALIZER FROM 662.97 TO 85.92'

CIRCULATE TO CONDITION HOLE FOR CEMENTING JOB

WAIT ON HALLIBURTON TO BRING IN ANOTHER PUMP TRUCK, PUMP TRUCK BROKE DOWN WHILE PUMPING PRODUCTION JOB ON RIG 11

PRE JOB SAFETY MEETING WITH CEMENTERS

RIGGED UP, 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 WITH 100 PSI. 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 BBLS (FRESH WATER) USING
HALLIBURTON AT 6 BPM WITH 250 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 650 PSI. HELD PRESSURE FOR 5 MIN. BLEED OFF .5 BBL
RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 42 BBLS OF CEMENT TO SURFACE. WOC
EXCESS CEMENT PUMPED OVER BIT SIZE WAS 248%

WOC, JET CELLAR, DUMP AND CLEAN STEEL PITS

Date: 09/23/2007

Supervisor 1:

WAYNE LUCAS

WOC, BACK OFF 8 5/8" LANDING JOINT, INSTALL LM-85 HERCULES WELL HEAD. NIPPLE UP BOP EQUIPMENT. TRIP IN HOLE WITH IBS 60' AND 90'.

TEST CASING, BOP, 2" VALVES AND CHOKE VALVE TO 1000 PSI FOR 30 MIN.

DRILL CEMENT AND FLOAT EQUIPMENT USING 20 WOB, 60 ROTARY RPMS, 402 GPM @ 750 PUMP PSI.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 715' TO 1147' USING 25 WOB, 100 ROTARY RPMS, 402 GPM @ 850 PUMP PSI.

FRESH WATER AND PAPER. PRE MIX 50 SX STARCH. AT 1100' RUN IN THE 50 SX STARCH. MIX 100 BBLS OF SWEEP IN PILL PIT. RUN 20 BBLS EVERY 100'.
SURVEY AT 1115' = 1.00 DEG.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1147' TO 1548' USING 30 WOB, 80 ROTARY RPMS, 402 GPM @ 1000 PUMP PSI.

RUN 20 BBLS EVERY 100', ONE SX PAPER EVERY 30'. RUN FRESH WATER TO CONTROL MUD WT. SURVEY AT 1517' = 1.00 DEG.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1548' TO 1764' USING 35 WOB, 80 ROTARY RPMS, 402 GPM @ 1100 PUMP PSI.

RUN 20 BBLS EVERY 100', ONE SX PAPER EVERY 30'. RUN FRESH WATER TO CONTROL MUD WT.

Date: 09/24/2007

Supervisor 1:

WAYNE LUCAS

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1764' TO 2010' USING 35 WOB, 70 ROTARY RPMS, 402 GPM @ 1100 PUMP PSI.

RUN 20 BBLS EVERY 100', ONE SX PAPER EVERY 30'. RUN FRESH WATER TO CONTROL MUD WT.

CIRCULATE 5 MINUTES, CONNECTION & WIRELINE SURVEY AT 2010' = 1.5 DEGREE

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 2010' TO 2105' USING 35 WOB, 70 ROTARY RPMS, 402 GPM @ 1100 PUMP PSI.

RUN 20 BBLS EVERY 100', ONE SX PAPER EVERY 30'. RUN FRESH WATER TO CONTROL MUD WT.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 2105' TO 2390' TD, USING 35 WOB, 70 ROTARY RPMS, 402 GPM @ 1100 PUMP PSI.

RUN 20 BBLS EVERY 100', ONE SX PAPER EVERY 30'. RUN FRESH WATER TO CONTROL MUD WT.

CIRCULATE & CONDITION HOLE. RUN WIRELINE SURVEY AT 2390' = 2.5 DEGREE & TRIP OUT OF HOLE

RIG UP OPEN HOLE WIRELINE LOGGERS & PRE JOB SAFETY MEETING, LOG

Date: 09/25/2007

Supervisor 1:

WAYNE LUCAS

OPEN HOLE LOGGING: RUN #1 TD = 2383', RUN #2 TD = 2380'. BOTH LOGGING RUNS FAILED. FAILURE NOT CAUSED BY HOLE INTEGRITY OR QUALITY.
HALLIBURTON REPORTED TECHNICAL ERRORS WITH SOFTWARE. RIG DOWN LOGGERS

RIGGED UP AND RAN (5.500), (5.3), (FIBERGLASS), (8RD LT&C) CASING FROM 6.60' TO 2219.04' TORQUE CONNECTIONS TO 400 AVERAGE FT/LBS AND
(5.500), (15.50), (J-55), (8RD LT&C) FROM 2219.04' TO 2376.2' TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE FROM 2376.2' TO 2377' - 1 STEEL SHOE JOINT FROM 2376.2' TO 2366.08' - 1 INSERT FLOAT SET IN COLLAR OF SHOE JOINT @
2366.08' - 3 JOINTS STEEL CASING FROM 2366.08' TO 2219.04' - 74 JOINTS FIBERGLASS CASING FROM 2219.04' TO 9.6' - 1 STEEL LANDING JOINT FROM 9.6' TO -
3.4 (ABOVE KB)

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TEST LINES TO 2000 PSI FOR 10 MIN. PUMP 20 BBLS FRESH WATER AHEAD. PUMP 400 SACKS OF (PREMIUM PLUS 2% CACL) MIXED TO 11.1 PPG AT 7 BPM
WITH 100 PSI AND 150 SACKS OF (PREMIUM PLUS 2% CACL) MIXED TO 13.2 PPG AT 7 BPM WITH 150 PSI

DROPPED TOP PLUG. WASH UP TO PITS. DISPLACED CEMENT WITH 52 BBLS (FRESH WATER) USING HALLIBURTON AT 7 BPM WITH 400 PSI FINAL
DISPLACEMENT PRESSURE. BUMPED PLUG WITH 800 PSI. HELD PRESSURE FOR 2 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING.

CIRCULATED 201 SACK CEMENT TO SURFACE. PLUG DOWN AT 16:51 HOURS ON 09/24/2007. WOC

REMOVE LANDING JOINT. NIPPLE DOWN BOPE. RIG DOWN TO MOVE RIG. NEXT LOCATION: 1831-122F. RIG RELEASED AT 23:00 ON 9/24/2007.