

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 17

WELL API NO. 30-021-20403
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 89-11-54
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1932
8. Well Number 211
9. OGRID Number 16696
10. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 410
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4583.2'
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> 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 ☐ 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 F: 1980 feet from the North line and 1697 feet from the West line
Section 21 Township 19N Range 32E NMPM County Harding

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4583.2'

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 10/16/08

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 10/17/08

Conditions of Approval, if any:

BDCDUGU 1932-211**Date: 04/04/2008**

PRE SPUD RIG INSPECTION.

DRILL 12 1/4" VERTICAL SURFACE HOLE FROM 11' TO 420'. WITH 30K WT, 100 RPM, 71 SPM.

SURVEY AT 391' = 1.00 DEG.

DRILL 12 1/4" VERTICAL SURFACE HOLE FROM 420' TO 739'. WITH 30K WT, 100 RPM, 71 SPM.

2" VALVE AND NIPPLE BROKE OFF STAND PIPE. TRIP OUT OF HOLE AND WAIT ON WELDER. COULD NOT PULL UP PAST 250' DUE TO WATER SAND.

WAIT ON WELDER TO REPLACE 2" NIPPLE ON STAND PIPE. AND MIX 100 BBLS 50 VIS PILL.

REPAIR 2" NIPPLE ON STAND PIPE.

WORK PIPE OUT OF WATER SAND AT 250'. DRILL STRING PACKED OFF UNABLE TO CIRCULATE TO SURFACE.

Date: 04/05/2008

WORK DRILL STRING FREE AT 125'.

TRIP OUT OF HOLE TO CLEAN BIT AND MIX MUD.

MIX MUD IN STEEL PITS TO 37 VIS AND PILL PIT TO 50 VIS TO BE PUMPED AT TD..

WASH AND REAM BACK TO BOTTOM FROM 125' TO 739'.

DRILL 12 1/4" VERTICAL SURFACE HOLE FROM 739' TO 760'. WITH 30K WT, 100 RPM, 71 SPM.

TRIP OUT OF HOLE TO RUN 8 5/8" CASING.

RUN (8.625), (24.00), (J-55), (ST&C) CASING FROM 0' TO 752.00' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (GUIDE) SHOE (751.11' TO 752.00') - 1 JOINTS CSG. - 1 FLOAT COLLAR (707.66' TO 708.44') - 17 JOINTS CSG.

6 CENTRALIZER FROM 11.00' TO 751'.

CIRCULATE AND CONDITION HOLE FOR CEMENT.

TESTED CEMENTING LINES TO 2000 HIGH PRESSURE FOR 3 MINUTES.

PUMP 10 BBLS FRESH WATER AHEAD.

400 SACKS OF LEAD (PREMIUM PLUS 3% CACL, 1#/SX PHENO SEAL) MIXED TO 14.8 PPG AT 5 BPM WITH 120 PSI

DROPPED TOP PLUG.

DISPLACED CEMENT WITH 45.3 BBLS (FRESH WATER) USING HALLIBURTON AT 5 BPM WITH 370 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 800

PSI. HELD PRESSURE FOR 2 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING.

CIRCULATED 16 SACK CEMENT TO SURFACE. PLUG DOWN AT 05:45 HOURS ON 04/05/2008.

WOC 3 TO 4 HOURS UNTIL SAMPLE CEMENT IS HARD BEFORE BACKING OFF LANDING JOINT.

Date: 04/06/2008

WAIT ON CEMENT TO HARDEN BEFORE BACKING OFF LANDING JOINT.

NIPPLE UP BOP, ANNULAR BOP, CHOKE MANIFOLD, FLOW LINE AND CHOKE LINES.

TEST BOP EQUIPMENT WITH 250 PSI LOW AND 1000 PSI HIGH FOR 50 MIN EACH.

1. BLINDS, INSIDE 4" VALVE, 2" CHECK VALVE.

2. BLINDS, 2" CHOKE VALVES, OUTSIDE 4" VALVE, 2" KILL LINE VALVE.

3. BLINDS, 2" OUTSIDE CHOKE VALVES, OUTSIDE 4" VALVE, 2" KILL LINE VALVE.

RIG UP FLOW LINE.

PICK UP BHA AND TRIP IN HOLE. TAG CEMENT AT 695'. CIRCULATE SOFT CEMENT OUT TO PITS.

TEST PIPE RAMS TO 250 PSI LOW 5 MIN AND 1000 PSI HIGH.

TEST CASING TO 1000 PSI FOR 30 MIN OK.

Date: 04/07/2008

ANNULAR BOP FAILED. WORK ON ANNULAR BOP.

TEST ANNULAR BOP TO 250 PSI LOW AND 1000 PSI HIGH FOR 5 MIN EACH.

TRIP OUT OF HOLE TO CHANGE BLIND RAM RUBBERS THAT HAD BEEN DAMAGED OVER NIGHT.

WAIT ON BLIND RAM RUBBERS. CHANGE RAM RUBBERS.

TEST BLINDS TO 250 PSI LOW AND 1000 PSI HIGH FOR 5 MIN.

TRIP IN HOLE WITH BHA.

DRILL PLUG CEMENT AND SHOE. DRILL 10' FORMATION.

PERFORMED F. I. T. TEST TO 229 PSI AT 762' T.V.D. USING 8.4 PPG MUD. EQUIVALENT MUD WEIGHT = 14.3 PPG"

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 752' TO 790'. WITH 15K WT, 100 RPM, 71, SPM. 476 GPM,
1000 PSI

SURVEY AT 758' = 1.75 DEG.

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 790' TO 1107'. WITH 15K WT, 100 RPM, 71, SPM. 476 GPM,
1000 PSI

SURVEY AT 1076' = .50 DEG

JET AND CLEAN PITS. LOWER MUD WT AND MIX 40SX STARCH. PITS HAD NOT BEEN CLEANED PROPERLY AFTER SURFACE HOLE.

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 1107' TO 1300'. WITH 15K WT, 100 RPM, 71, SPM. 476 GPM,
1000 PSI. MUD WT AT 06:00 HRS 8.6 PPG.

Date: 04/08/2008

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 1300' TO 1517'. WITH 15K WT, 100 RPM, 71, SPM. 476 GPM, 1000 PSI. MUD WT AT 06:00 HRS 8.6 PPG.

SURVAY AT 1517' = .50 DEG.

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 1517' TO 1929'. WITH 15K WT, 100 RPM, 71, SPM. 476 GPM, 1000 PSI.

SURVEY AT 1897' = .50 DEG WIRE LINE PARTED.

TRIP OUT OF HOLE 35 STANDS AND RETRIEVE SHURSHOT TOOL. TRIP IN HOLE.

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 1929' TO 2100'. WITH 15K WT, 100 RPM, 71, SPM. 476 GPM, 1000 PSI. VIS 28, WT 8.6

CIRCULATE AND CONDITON FLUID. VIS 41 CC, WT 9.0, WL 8.8.

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 2100' TO 2254' TD. WITH 15K WT, 100 RPM, 71, SPM. 476 GPM, 1000 PSI. VIS 41 CC, WT 9.0, WL 8.8.

TOP OF TUBB AT 2149'.

Date: 04/09/2008

TRIP OUT OF HOLE TO RUN 5 1/2" CASING.

RUN (5.5), (15.50), (L-55), (LT&C) CASING FROM 11' TO 2244.00' TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 (GUIDE) SHOE (2443.35' TO 2244.19') - 1 SHOE JOINT CSG WITH INSERT FLOAT AT 2233.32')

2 JOINTS 54 1/2" STEEL 2146.38 TO 2233.32 - 73 FIBER GLASS JOINT CSG. - 1 LANDING JOINT

3 CENTRALIZER FROM 2233.32' TO 2146.38'.

CIRCULATE CASING CAPACITY.

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.

350 SACKS OF LEAD (PREMIUM PLUS) MIXED TO 11.1 PPG AT 6 BPM WITH 90 PSI

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

DROPPED TOP PLUG.

PUMPED 10 BBLs WATER TO CLEAR CEMENTING LINES TO PITS.

DISPLACED CEMENT WITH 48 (FRESH WATER) USING HALLIBURTON AT 6 BPM WITH 550 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 1100 PSI. HELD PRESSURE FOR 4 MINUTES. BLEAD OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING.

CIRCULATED 165 SACK CEMENT TO SURFACE. PLUG DOWN AT 01:02 HOURS ON 04/09/2008.

RIG DOWN BOP. HOLD CHAINS ON 5 1/2 CASING UNTIL 05:00 HRS. JET AND CLEAN PITS. SET BOP BACK. RIG RELEASED AT 06:00. HRS 04/09/2008.