

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

RECEIVED

WELL API NO. 30-021-20381
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG-4607

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 041
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250	9. OGRID Number 16696
4. Well Location Unit Letter <u>K</u> : <u>1700</u> feet from the <u>south</u> line and <u>1700</u> feet from the <u>west</u> line Section <u>4</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.) 4555'	
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 _____	

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 9/16/07

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 9/17/07

Conditions of Approval, if any:

BDCDGU 1832-041

Date: 08/31/2007

Supervisor 1: CHAD FRAZIER

MOVE IN AND RIG FROM BDU 1832-091G

CONDUCT PRE SPUD RIG INSPECTION AND PRE SPUD SAFETY MEETING

DRILLED 12.25" SURFACE HOLE FROM 6.6' TO 384' USING 10/15 AVERAGE WOB, 120 ROTARY RPMS, 402 GPM @ 600 PUMP PSI

RAN INCLINATION SURVEY ON SLICK LINE @ 350' - 0.50 DEGREE

DRILLED 12.25" SURFACE HOLE FROM 6.6' TO 384' USING 15/18 AVERAGE WOB, 120 ROTARY RPMS, 402 GPM @ 600 PUMP PSI

CIRCULATE TO CONDITION HOLE FOR TOOHP AND RUNNING 8.625" SURFACE CASING

RAN INCLINATION SURVEY ON SLICK LINE @ 684' - 0.25 DEGREE, AND TOOHP TO RUN 8.625" SURFACE CASING

PRE JOB SAFETY MEETING, RIG UP AND RUN (8.625), (24.00), (J-55), (ST&C) CASING FROM 6.60' TO 706.00' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE FROM 706' TO 705.20' - 1 8.625" CASING SHOE JOINT FROM 705.20' TO 661.64

1 INSERT FLOAT IN COLLAR OF SHOE JOINT SET @ 661.64' - 15 JOINTS 8.625" CASING FROM 661.64 TO 9.60'

1 8.625" CASING LANDING JOINT FROM 9.60' TO -3.40' (ABOVE KB) - 5 CENTRALIZER FROM 6.60' TO 706.00'.

CIRCULATE TO CONDITION HOLE FOR CEMENTING, AND HAVE PRE JOB SAFETY MEETING WITH CEMENTERS

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 42.5 BBLs (FRESH WATER) USING HALLIBURTON AT 6 BPM WITH 350 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 850 PSI. HELD PRESSURE FOR 10 MINUTES. BLED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING.

CIRCULATED 42.5 BBLs CEMENT TO SURFACE. PLUG DOWN AT 22:45 HOURS ON 08/27/2007. WOC

PUMPED 85% EXCESS OVER BIT SIZE.

REMOVE LANDING JOINT, INSTALL WELL HEAD AND RIG UP BOPE

TIH WITH 7.875" BIT AND BHA

Date: 09/01/2007

Supervisor 1: CHAD FRAZIER

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 PLUG

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 715' TO 1130'. USING 20/25 K AVERAGE WOB, 70 ROTARY RPM'S, 402 GPM @ 800 PUMP PSI.

INCLINATION SURVEY AT 1099' - 1 DEGREE

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1130' TO 1223'. USING 35/40 K AVERAGE WOB, 70 ROTARY RPM'S, 402 GPM @ 900 PUMP PSI.

SERVICE RIG

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1223' TO 1501'. USING 35/40 K AVERAGE WOB, 70 ROTARY RPM'S, 402 GPM @ 950 PUMP PSI.

INCLINATION SURVEY AT 1501' - 1.25 DEGREE

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1501' TO 1932'. USING 35/40 K AVERAGE WOB, 70 ROTARY RPM'S, 402 GPM @ 1000 PUMP PSI.

INCLINATION SURVEY AT 1901' - 1.5 DEGREE

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1932' TO 2032'. USING 35/40 K AVERAGE WOB, 70 ROTARY RPM'S, 402 GPM @ 1000 PUMP PSI.

Date: 09/02/2007

Supervisor 1: CHAD FRAZIER

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 2032' TO 2298'. USING 35/40 K AVERAGE WOB, 70 ROTARY RPM'S, 402 GPM @ 1050 PUMP PSI.

CIRCULATE AND PUMP GEL SWEEP (30 BBLs)

TRIP OUT OF HOLE WITH DP, 19 DC'S, AND 7-7/8" PRODUCTION BIT, DROP SURVEY TOOL - 0.25 DEGREES

SAFETY MEETING WITH RIG CREW ON RUNNING CASING

RIG & RUN (5.500), (5.3), (FIBERGLASS), (8 RD) CASING FROM 6.60' TO 2177.66' TORQUE CONNECTIONS TO 400 AVERAGE FT/LBS AND (5.500), (15.50), (J-55), (ST&C) FROM 2177.66' TO 2287.61' TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE FROM 2287.61' TO 2286.81' - 1 STEEL SHOE JOINT FROM 2286.81 TO 2277.06'

1 INSERT FLOAT SET IN COLLAR OF SHOE JOINT @ 2277.06' - 3 JOINTS STEEL CSG. FROM 2277.06' TO 2177.66'

75 JOINTS FIBERGLASS CSG. 3177.66' TO 10.06' - 1 STEEL LANDING JOINT FROM 10.06' TO -2.94' (ABOVE KB)

CIRCULATE, SAFETY MEETING WITH RIG CREW AND HALLIBURTON CEMENTERS

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

TEST LINES TO 1500 PSI FOR 2 MIN.

PUMP 20 BBLs FRESH WATER AHEAD.

400 SACKS OF (PREMIUM PLUS 3% CACL) MIXED TO 11.1 PPG AT 7 BPM WITH 220 PSI AND 150 SACKS OF (PREMIUM PLUS 3% CACL) MIXED TO 13.2 PPG AT 7 BPM WITH 180 PSI

DROPPED TOP PLUG. WASH UP TO PITS. DISPLACED CEMENT WITH 42 BBLs (FRESH WATER) USING HALLIBURTON PUMP AT 6 BPM WITH 350 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 850 PSI. HELD PRESSURE FOR 10 MINUTES. BLED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING.

CIRCULATED 118 BBLs CEMENT TO SURFACE. PLUG DOWN AT 16:00 HOURS ON 09/01/2007.

TAIL PUMPED WAS 168% OVER BIT SIZE - LEAD PUMPED WAS 329% OVER BIT SIZE

WOC, AND CLEAN STEEL PITS

RIG DOWN BOPE, RIG RELEASED 09/01/2007 @ 22:00