

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-103
May 27, 2004

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.)		WELL API NO. 30-021-20416
		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
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other CO2 Supply Well <input type="checkbox"/>		8. Well Number 122
2. Name of Operator OXY USA Inc.		9. OGRID Number 16696
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250		10. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 640
4. Well Location Unit Letter <u>F</u> ; <u>1980</u> feet from the <u>north</u> line and <u>1737</u> feet from the <u>west</u> line Section <u>12</u> Township <u>18N</u> Range <u>31E</u> NMPM County <u>Harding</u>		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4467'		
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 10/3/07

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 10/10/07

Conditions of Approval, if any:

BDCDGU 1831-122

Date: 09/26/2007

Supervisor 1: WAYNE LUCAS

MOVE IN AND RIG UP FROM 1831 131G.

PRE SPUD RIG SAFETY INSPECTION AND COLLAR INSPECTION.

DRILLED 12.25" SURFACE HOLE FROM 6.6' TO 387' USING 15 AVERAGE WOB, 120 ROTARY RPMS, 402 GPM @ 650 PUMP PSI.

SURVEY AT 358' = .75 DEG.

DRILLED 12.25" SURFACE HOLE FROM 387' TO 715' USING 30 AVERAGE WOB, 120 ROTARY RPMS, 402 GPM @ 650 PUMP PSI.

CIRCULATE AND CONDITION HOLE FOR CASING.

TRIP OUT OF HOLE.

RUN (8.625), (24.00), (J-55), (ST&C) CASING FROM 6.60' TO 705.00' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:
1 (TEXAS PATTERN) SHOE (704.20 TO 705.00') - 1 CSG. INSERT FLOAT (660.80) - 16 JOINTS CSG.
FROM 6.60' TO 705.00'.

5 CENTRALIZER

CIRCULATE AND CONDITION HOLE FOR 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 BBLS (FRESH WATER) USING HALLIBURTON AT 6 BPM WITH 300 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 750 PSI. HELD PRESSURE FOR 2 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING.

CIRCULATED 22 SACK CEMENT TO SURFACE. PLUG DOWN AT 01:48 HOURS ON 09/26/2007. WOC

Date: 09/27/2007

Supervisor 1: WAYNE LUCAS

BACK OFF 8 5/8" LANDING JOINT, INSTALL LM-85 HERCULES WELL HEAD. NIPPLE UP BOP EQUIPMENT.

TIH WITH 7 7/8" PRODUCTION BHA (IBS AT 60' AND 90')

TEST BOP, CASING, INSIDE CHOKE VALVE TO 1000 PSI FOR 30 MIN.

TAG TOP OF CEMENT AT 645'. 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 756' USING 25 WOB, 70 ROTARY RPMS, 402 GPM @ 750 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'.

SERVICE RIG

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 756' TO 1146' USING 30-35 WOB, 70-80 ROTARY RPMS, 402 GPM @ 750 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'.

WIRELINE SUREVEY @ 1116' = 1 DEG.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1146' TO 1548' USING 35-40 WOB, 70-80 ROTARY RPMS, 402 GPM @ 750 PUMP PSI.
RUN 20 BBLS EVERY 100', ONE SX PAPER EVERY 30'. RUN FRESH WATER TO CONTROL MUD WT.

WIRELINE SURVEY @ 1517' = 1.25 DEG.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1548' TO 1626' USING 35-40 WOB, 70-80 ROTARY RPMS, 402 GPM @ 750 PUMP PSI.
RUN 20 BBLS EVERY 100', ONE SX PAPER EVERY 30'. RUN FRESH WATER TO CONTROL MUD WT.

Date: 09/28/2007

Supervisor 1: WAYNE LUCAS

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1626' TO 1888' USING 35-40 WOB, 70-80 ROTARY RPMS, 402 GPM @ 1000 PUMP PSI.

WIRELINE SURVEY @ 1888' = 1 DEG.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1888' TO 2216' USING 35-40 WOB, 70-80 ROTARY RPMS, 402 GPM @ 1000 PUMP PSI.

CIRCULATE TO CONDITION HOLE

WIRELINE SURVEY @ 2216' = 1 DEG. TOOH.

RIGGED UP AND RAN (5.500), (5.3), (FIBERGLASS), (8RD LT&C) CASING FROM 6.60' TO 2093.15' TORQUE CONNECTIONS TO 400 AVERAGE FT/LBS AND (5.500), (15.50),(J-55), (8RD LT&C) FROM 2093.15' TO 2206' TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE FROM 2205.2' TO 2206' - 1 STEEL SHOE JOINT FROM 2205.2' TO 2195.45'

1 INSERT FLOAT SET IN COLLAR OF SHOE JOINT @ 2195.45' - 3 JOINTS STEEL CASING FROM 2195.45' TO 2093.15'

74 JOINTS FIBERGLASS CASING FROM 2093.15' TO 9.6' - 1 STEEL LANDING JOINT FROM 9.6' TO -3.4 (ABOVE KB)

CIRCULATED WHILE HALLIBURTON RIGGED UP AND CONDUCTED PJSM.

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TEST LINES TO 2000 PSI FOR 10 MIN. PUMP 20 BBLS FRESH WATER AHEAD.

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 48 BBLS (FRESH WATER) USING HALLIBURTON AT 7 BPM WITH 300 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 800 PSI. HELD PRESSURE FOR 2 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 131 BBLS CEMENT TO SURFACE. PLUG DOWN AT 01:45 HOURS ON 09/28/2007.

WOC. BACK OFF LANDING JOINT. NIPPLE DOWN BOPE. RIG DOWN FOR RIG MOVE. RIG RELEASED AT 08:00 ON 9/28/2007.