

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. 30-021-20426
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG-4605
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1831
8. Well Number 111
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 <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 1831
2. Name of Operator OXY USA Inc.	8. Well Number 111
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>11</u> Township <u>18N</u> Range <u>31E</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.) 4441'	
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 1831-111

Date: 09/23/2007

Supervisor 1: SHANNON RICE

MOVE IN RIG UP. PRE SPUD SAFETY INSPECTION

SPUD BDU 1831-111G @ 17:30. DRILLING 12.25" SURFACE HOLE FROM 6.6' TO 418' WOB = 10 - 15, RPM = 100 - 110, GPM = 386, PSI = 500

SURVEY AT 387' = .50 DEG.

DRILLING 12.25" SURFACE HOLE FROM 418' TO 710' WOB = 15, RPM = 120, GPM = 386, PSI = 750

CIRCULATE AND CONDITION HOLE FOR CASING. SURVEY AT 710' = .50 DEG.

TRIP OUT OF HOLE. SAFETY MEETING AND RIG UP TO RUN 8 5/8" CASING.

Date: 09/24/2007

Supervisor 1: SHANNON RICE

RUN 8.625", 24#, K55, 8RD CASING FROM SURFACE TO 704.78', TORQUEING CONNECTIONS TO 2440

1 TX PATTERN SHOE SET AT 704.78' - 1 SHOE JOINT. - 1 INSERT FLOAT SET AT 660.50' - 16 JOINT 8 5/8" CSG

RIG UP HALLIBURTON & PREJOB SAFETY MEETING

400 SACKS OF LEAD, INTERFILL C MIXED TO 14.8 PPG, 1.35 YIELD AT 6 BPM WITH 150 PSI

DROPPED PLUG @ 08:27

DISPLACED CEMENT WITH 42.2 BBLS FRESH WATER USING HALLIBURTON PUMP TRUCK AT 6 BPM WITH 200 PSI FINAL DISPLACEMENT PRESSURE.

BUMPED PLUG @ 08:41 WITH 650 PSI. HELD PRESSURE FOR 10 MINUTES. FLOAT EQUIPMENT HOLDING OK.

CIRCULATE 112 SKS / 27 BBLS TO PIT. WOC

NIPPLE UP BOP EQUIPMENT. MAKE UP BIT & BHA # 2 & TRIP IN HOLE. INSTALL STRIPPING RUBBER & CHAIN OFF BOP

TEST CASING BOP AND OUTSIDE VALVE TO 1000 PSI FOR 30 MIN

TEST CASING BOP AND INSIDE VALVE TO 1000 PSI FOR 10 MIN

DRILLING CEMENT, PLUG, & FLOAT EQUIPMENT

DRILLING 7.875" PRODUCTION HOLE FROM 710' TO 1086' WOB = 15 - 20, RPM = 80 - 90, GPM = 386, PSI = 750

CIRCULATE 5 MINUTES, CONNECTION & WIRELINE SURVEY AT 1086' = 1.5 DEGREE

DRILLING 7.875" PRODUCTION HOLE FROM 1086' TO 1271' WOB = 15 - 20, RPM = 80 - 90, GPM = 386, PSI = 750

DRILLING 7.875" PRODUCTION HOLE FROM 1271' TO 1385' WOB = 15 - 20, RPM = 80 - 90, GPM = 386, PSI = 750

Date: 09/25/2007

Supervisor 1: SHANNON RICE

DRILLING 7.875" PRODUCTION HOLE FROM 1385' TO 1490' WOB = 30 - 35, RPM = 70 - 80, GPM = 386, PSI = 1000

DRILLING 7.875" PRODUCTION HOLE FROM 1490' TO 1648' WOB = 30 - 35, RPM = 70 - 80, GPM = 386, PSI = 1000

CIRCULATE 5 MINUTES, CONNECTION & WIRELINE SURVEY AT 1617' = 1.25 DEGREE

DRILLING 7.875" PRODUCTION HOLE FROM 1648' TO 1710' WOB = 30 - 35, RPM = 70 - 80, GPM = 386, PSI = 1000

SERVICE RIG & EQUIPMENT

DRILLING 7.875" PRODUCTION HOLE FROM 1710' TO 1995' WOB = 30 - 35, RPM = 70 - 80, GPM = 386, PSI = 1000

AT 1900' DUMP & CLEAN PITS, TRANSFER PUMP FROM RESERVE BROKE DOWN, DISPLACING STEEL PITS WITH TRANSPORT TRUCK

WIRELINE SURVEY @ 1964' = 2.5 DEG. DOWN LONGER THAN USUAL RUNNING SURVEY DUE TO NEW MORNING TOUR CREW

DIFFERENTIALLY STUCK PIPE WHEN COMING OFF SLIPS. CIRCULATE STEEL PITS, WITH FRESH WATER FROM RESERVE PIT 8.6+ PPG., WORK STUCK PIPE. RIGHT HAND TORQUE STACKING WEIGHT OUT. PULLING 60K OVER STRING WEIGHT. PUMPED FRESH WATER DOWN HOLE FROM WATER TANKS 8.3+ WHILE WORKING PIPE. CONTINUE WORKING TORQUE ON STUCK PIPE. PIPE CAME FREE.

DRILLING 7.875" PRODUCTION HOLE FROM 1995' TO 2080' WOB = 30 - 35, RPM = 70 - 80, GPM = 386, PSI = 1000

RUN FLUID CALLIPER AT 2024', 64 SPM, 392.4 GPM, = 15.5 MINUTES

Date: 09/26/2007

Supervisor 1: SHANNON RICE

DRILLING 7.875" PRODUCTION HOLE FROM 2080' TO 2100' WOB = 30 - 35, RPM = 70 - 80, GPM = 386, PSI = 1000

CIRCULATE, WAITING ON DIESEL TO BE DELIVERED

DRILLING 7.875" PRODUCTION HOLE FROM 2100' TO 2178' WOB = 30 - 35, RPM = 70 - 80, GPM = 386, PSI = 1000

CIRCULATE TO CONDITION HOLE. WIRELINE SURVEY @ 2178' = 1.75 DEG. TOO H.

RIGGED UP CASING EQUIPMENT

RAN (5.500), (5.3), (FIBERGLASS), (8RD LT&C) CASING FROM 6.60' TO 2057.09' TORQUE CONNECTIONS TO 400 AVERAGE FT/LBS AND (5.500), (15.50), (J-55), (8RD LT&C) FROM 2057.09' TO 2170.80' TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE FROM 2170' TO 2170.8' - 1 STEEL SHOE JOINT FROM 2170' TO 2160.25'

1 INSERT FLOAT SET IN COLLAR OF SHOE JOINT @ 2160.25' - 4 JOINTS STEEL CASING FROM 2160.25' TO 2057.09'

74 JOINTS FIBERGLASS CASING FROM 2057.09' 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.

400 SACKS OF (PREMIUM PLUS 3% CACL) MIXED TO 11.1 PPG AT 7 BPM WITH 100 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 47.4 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 112 BBLS (192 SACKS) CEMENT TO SURFACE. PLUG DOWN AT 19:58 HOURS ON 09/25/2007. WOC

REMOVE LANDING JOINT. NIPPLE DOWN BOPE. RIG RELEASED @ 00:00 ON 9/26/2007.