

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

**RECEIVED**

JUL 20 2007

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 2007 30-021-20368
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

**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 K ; 1700 feet from the south line and 1700 feet from the west line  
 Section 10 Township 19S Range 33E NMPM County Harding

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 4968.5'

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 \_\_\_\_\_

7. Lease Name or Unit Agreement Name:  
 Bravo Dome Carbon Dioxide Gas Unit  
 1933

8. Well Number  
 102

9. OGRID Number  
 16696

10. Pool name or Wildcat  
 Bravo Dome Carbon Dioxide Gas 640

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 7/23/07

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 7/23/07

Conditions of Approval, if any:

## BDCDGU 1933-102

**Date: 07/09/2007**

Supervisor 1:

B. J. KENNEDY

MIRU PREPARATION

WORK ON BREAK HANDLE ADJUSTING ROD

PRESPOD SAFETY MEETING

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 6.60' TO 145'. USING 4 K AVERAGE WOB, 100 ROTARY RPM'S, 359 GPM @ 550 PUMP PSI.

WORK ON MUD PUMP

DRILLED 12.25" VERTICAL SURFACE HOLE FROM 145' TO 382'. USING 4 K AVERAGE WOB, 100 ROTARY RPM'S, 359 GPM @ 550 PUMP PSI.

CIRCULATE TO CONDITION HOLE AND WIRELINE SURVEY 1/4 DEGREE @ 351'

REPLACE HYDRAULIC LINE TO TONG

DRILLED 12.258" VERTICAL SURFACE HOLE FROM 382' TO 408'. USING 4 K AVERAGE WOB, 100 ROTARY RPM'S, 359 GPM @ 550 PUMP PSI.

DROPPED AIR SLIP SEGMENT IN THE HOLE, JET CELLAR, FISH OUT SLIP BY HAND

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 408' TO 710'. USING 4 K AVERAGE WOB, 100 ROTARY RPM'S, 359 GPM @ 550 PUMP PSI.

WIRELINE SURVEY @ 710' .25 DEGREE, CIRCULATE TO CONDITION HOLE, TRIP OUT OF HOLE, PIN THAT HELD SLIP SEGMENT IN PLACE CAME OUT OF THE HOLE ON THE BIT

RUN (8.625), (24.00), (J-55), (ST&C) CASING FROM 6.60' TO 702.00' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE (701.35 TO 702.00') - 1 JOINTS CSG. INSERT FLOAT (658.56') - 16 JOINTS CSG. - 5 CENTRALIZER FROM 6.60' TO 702.

**Date: 07/10/2007**

Supervisor 1:

B. J. KENNEDY

COMPLETE RUNNING SURFACE CASING

RIG UP HALLIBURTON

SAFETY MEETING. MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

PUMP 20 BBLS FRESH WATER AHEAD.

400 SACKS OF ( PREMIUM PLUS 2% CACL ) MIXED TO 14.8 PPG AT 5 BPM WITH 100 PSI AND DROPPED TOP PLUG.

DISPLACED CEMENT WITH 42 BBLS ( FRESH WATER ) USING HALLIBURTON AT 5 BPM WITH 350 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 450 PSI. HELD PRESSURE FOR 1 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 112 SACK CEMENT TO SURFACE. PLUG DOWN AT 08:00 HOURS ON 07/09/2007. WOC

BACK OUT LANDING JOINT, NIPPLE UP BOP

TIH WITH BIT #2, TAG CEMENT @679'

TEST CASING TO 33% BURST PRESSURE 1000 PSI, DID NOT HOLD.

NIPPLE DOWN

TIGHTEN BOLTS ON BOP AND NIPPLE UP

TEST CASING TO 33% BURST PRESSURE 1000 PSI, HOLD FOR 30 MINUTES, BLEED OFF TO 950 PSI, TEST GOOD. SECOND TEST TO 1000 PSI OUTSIDE BOP VALVES, HELD FOR 10 MINUTES, LOST 25 PSI.

DRILL PLUG AND CEMENT

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 710' TO 880'. USING 30 K AVERAGE WOB, 90 ROTARY RPM'S, 359 GPM @ 800 PUMP PSI.

FLOW LINE CAME OFF, REINSTALL

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 880' TO 1018'. USING 30 K AVERAGE WOB, 90 ROTARY RPM'S, 359 GPM @ 800 PUMP PSI.

**Date: 07/11/2007**

Supervisor 1:

B. J. KENNEDY

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1018' TO 1235'. USING 30 K AVERAGE WOB, 90 ROTARY RPM'S, 359 GPM @ 750 PUMP PSI.

SURVEY AT 1204' = .75 deg

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1235' TO 1704'. USING 30 K AVERAGE WOB, 90 ROTARY RPM'S, 359 GPM @ 750 PUMP PSI.

SURVEY AT 1704' = .75 deg

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1704' TO 2079'. USING 30 K AVERAGE WOB, 90 ROTARY RPM'S, 359 GPM @ 750 PUMP PSI.

WORK ON HYDRAULIC LINE

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 2079' TO 2111'. USING 30 K AVERAGE WOB, 90 ROTARY RPM'S, 359 GPM @ 750 PUMP PSI.

REPLACE HYDRAULIC 90 ON TOP OF SWIVEL

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 2111' TO 2234'. USING 30 K AVERAGE WOB, 90 ROTARY RPM'S, 359 GPM @ 750 PUMP PSI.

CIRCULATING DUE TO SEVERE WEATHER

SURVEY @ 2203' = .75 DEGREE

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 2234' TO 2307'. USING 30 K AVERAGE WOB, 90 ROTARY RPM'S, 359 GPM @ 750 PUMP PSI.

LOST 30,000 LBS STRING WEIGHT AND LOST 500# PUMP PRESSURE, ATTEMPT TO SCREW BACK INTO FISH

TOH. WAIT ON FISHERMAN

**Date: 07/12/2007**

Supervisor 1: B. J. KENNEDY

WAITING ON FISHERMAN

PICK UP 7 5/8" OVERSHOT WITH 5 3/4" GRAPPLE, JARS, AND 3-6" DC'S, MAKE UP TOOLS

TIH, TAG 6' IN ON JT #56 @ 1825'

TIH WITH TOOL. WASH DOWN TO FISH @ 1836', ROTATE INTO FISH, CATCH FISH, GAINED 30,000 # OF STRING WEIGHT, UNABLE TO CIRCULATE THRU FISH, PULL 20 JTS OF DP, PULLED TIGHT 1836' TO 1821', FOUND CRACK IN BOOM ARM ON LIFTING CYLINDER

WAITING ON WELDER TO WELD BOOM. REPAIR BOOM ARM. TOH WITH FISH

**Date: 07/13/2007**

Supervisor 1: SHANNON RICE

TRIP OUT OF HOLE. REPAIR BOOM

REPLACED RILL COLLAR. WASH AND REAM 60' TO BOTTOM

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 2307' TO 2504'. USING 38 K AVERAGE WOB, 90 ROTARY RPM'S, 359 GPM @ 900 PUMP PSI. TWISTED OFF PIPE AT 21:15.

LOST 700 PSI PUMP PRESSURE, & 28K STRING WEIGHT, TRIP OUT OF HOLE, RECOVERED 7 DRILL COLLARS, LEFT 13 IN HOLE PLUS BIT = 385.63, ESTIMATED TOP OF FISH AT 2118.37

WAITING ON FISHERMAN, & TOOLS. MAKE UP FISHING TOOLS

**Date: 07/14/2007**

Supervisor 1: SHANNON RICE

RU FISHING TOOL

WAIT ON CROSSOVER SUB, DUE TO RIG NOT KNOWING THIER CONNECTIONS

MAKE UP FISHING JARS, OVERSHOT WITH 6" GRAPPLE, TIH

LATCH ON TO FISH AT 2127', ATTEMPT TO PULL, STUCK , NO CIRCULATION

WORK JARS, PULLING 60K TO 80K OVER STRING WEIGHT, WITH & WITHOUT HOLDING 1500 PSI ON PIPE

REPAIR HYDRAULICS AND ADJUST BRAKES

WORK JARS, PULLING 60K TO 80K OVER STRING WEIGHT, WITH & WITHOUT HOLDING 1500 PSI ON PIPE

RIG UP GRAY WIRELINE

RUN WIRELINE FREE POINT, TAGGED FILL AT 2486',

100 % FREE @ 2158' - 30 % FREE @ 2175' - 100 % STUCK @ 2247'

FOUND TOP OF FISH TO BE @ 2126'

FOUND CONNECTION TO BE AT 2452', & FILL TO BE AT 2486', RUN IN WITH PERF GUN TO SHOOT SIX SHOTS IN STRAIGHT 18" LINE HALF WAY BETWEEN LOWEST CONNECTION & FILL = 2470'

PULL & RIG DOWN WIRELINE

UNSUCCESSFULLY ATTEMPT TO CIRCULATE

RIG REPAIR = 1502 3" UNION GASKET ON TOP DRIVE

**Date: 07/15/2007**

Supervisor 1: SHANNON RICE

CIRCULATE WITH STUCK PIPE

REPAIR BRAKE, SWIVEL, AND BOOM

RU GRAY WIRELINE

RUN WIRELINE FREE POINT. SAME RESULT. TAGGED FILL AT 2486'

100% FREE @ 2158' - 30% FREE @ 2175' - 100% STUCK @ 2247'

FOUND TOP OF FISH TO BE @ 2126'

RD GRAY WIRELINE

CIRCULATE

DISPLACE WITH 120 BBL FRESH WATER. PUMP 15 BBL OIL, 3.8 PPG CHASE WITH 30 BBL

WORK PIPE

RU GRAY WIRELINE

RUN WIRELINE FREE POINT

100% FREE @ 2365' - 80% FREE @ 2392' - 80% FREE @ 2406' - 10% FREE @ 2425'

RD GRAY WIRELINE

RU BACKOFF AND PREJOB SAFTEY MEETING

RUN BACKOFF AT 2365'

CHANGE OUT COLLAR LOCATOR, CHECK GAP - OK, TOH

**Date: 07/16/2007**

Supervisor 1:

SHANNON RICE

TOOH AND LAY DOWN FISH. RECOVERED 8 DRILL COLLARS

MAKE UP JAR

TIH. INSPECT DRILL COLLARS.

WORK JARS

RUN FREE POINT AND BACKOFF AT 2422'

TOOH. BREAK DOWN FISHING TOOLS

TIH WITH BIT

CIRCULATE AND CONDITION HOLE

**Date: 07/17/2007**

Supervisor 1:

SHANNON RICE

CLEAN AND CONDITION HOLE, TOOH

RIG UP TO RUN CASING AND SAFETY MEETING.

RUN (5.500), (5.3), (FIBERGLASS), (10 RD ) CASING FROM 6.60' TO 2340.5' TORQUE CONNECTIONS TO 2180 AVERAGE FT/LBS AND (5.500), (15.50),(J-55), (ST&C) FROM 2340.5' TO 2416.1' TORQUE CONNECTIONS TO 400 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE (2416.1' TO 2416.8') - 3 JOINTS STEEL CSG. (2340.5' TO 2416') INSERT FLOAT AT 2405.9' - 80 JOINTS FIBERGLASS CSG. (6.6' TO 2340.5') - 1 CENTRALIZER FROM 2395' TO 2395'

RU AND SAFETY MEETING

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

PUMP 20 BBLs FRESH WATER AHEAD.

350 SACKS OF ( PREMIUM PLUS 3% CACL ) MIXED TO 11.1 PPG AT 6 BPM WITH 100 PSI AND 150 SACKS OF ( PREMIUM PLUS 3% CACL ) MIXED TO 13.2 PPG AT 5 BPM WITH 100 PSI AND DROPPED TOP PLUG.

DISPLACED CEMENT WITH 52.5 BBLs ( FRESH WATER ) USING HALLIBURTON AT 7 BPM WITH 250 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 600 PSI. HELD PRESSURE FOR 1 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT NOT HOLDING. PRESSURE BACK UP TO 800 PSI.

CIRCULATE 27.5 BBL TO SURFACE. PLUG DOWN AT 17:42 HOURS ON 07/16/2007.

RIG RELEASED AT 0:00 7/17/07