

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.

30-021-20373

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil &amp; Gas Lease No.

LG-4610

7. Lease Name or Unit Agreement Name:

Bravo Dome Carbon Dioxide Gas Unit

1032

8. Well Number

142

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 ☐ 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 G : 1700 feet from the north line and 1700 feet from the east lineSection 14 Township 18N Range 32E NMPM County Harding

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

470'

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 10/14/08E-mail address: david\_stewart@oxy.com  
Telephone No. 432-685-5717Type or print name David Stewart

## For State Use Only

APPROVED BY Ed Martin TITLE DISTRICT SUPERVISOR DATE 10/28/08

Conditions of Approval, if any:

**BDCDGU 1832-142****Date: 04/29/2008**

DRILLING 12.25" HOLE FROM 0 TO 421'. SURVEY @ 421' .5 DEG

DRILLING 12.25" HOLE FROM 421' TO 655'

**Date: 04/30/2008**

DRILLING 12.25" HOLE FROM 649 TO 705' TD. WAITING ON CASING EQUIPMENT.

TOH TO RUN SURFACE CSG.

RUN 8.625" CSG SET @ 705' HAD TO WASH THE LAST 60' DOWN. CIRC CSG . CEMENT CSG WITH 400 SX PREMEUM PLUS. CIRC 5BBLs SLURRY TO PIT

Component Name	Jts	Length (ft)	Nominal OD (in)	Nominal ID (in)	Weight (ppf)	Grade	Connection	Top MD (ft)	Btm MD (ft)
CASING FLOAT SHOE	1	1.20	8.625	8.097	24.00	K-55	8RD	10.0	11.2
CASING JOINT(S)	1	42.63	8.625	8.097	24.00	J-55	8RD	11.2	53.8
CASING FLOAT COLLAR	1	1.60	8.625	8.097	24.00	J-55		53.8	55.4
CASING JOINT(S)	15	649.57	8.625	8.097	24.00	J-55	8RD	55.4	705.0

**Stage:** 1 - PRIMARY

Returns:

FULL

Fluid Type	Slurry Type	Class	Density (ppg)	Yield (ft <sup>3</sup> /sk94)	Mix Water Ratio (gal/sk94)	Actual Sacks
LEAD CEMENT	CEMENT	PREM PLUS	14.80	1.3500	6.390	400.00

**Date: 05/01/2008**

WOC. BACK OUT LANDING JOINT, INSTALL WELL HEAD + 2" VALVES. NU BOP

TRY TO TEST BOP, HYDRILL FLANGE WILL NOT TEST RING GROOVE IS NOT CUT RIGHT.

**Date: 05/02/2008**

WAIT ON HYDRILL. NIPPLE UP ANNULAR &amp; FUNCTION TEST. TEST BLINDRAMS 250 PSI LOW AND 1000 PSI HIGH

PU BHA TH TO FLOAT. TEST ANNULER 250 - 1000 PSI OK. DRILL FLOAT AND CEMENT. TEST PIPE RAMS AND CASING 250 LOWW AND 1000 PSI HIGH

DRILL CEMENT, SHOE AND 10' FORMATION. TEST FORMATION TO 250 PSI HELD FOR 5 MIN

DRILLING FROM 705' TO 900'. 15K WOB, 90 RPM, ROP 105' HR

**Date: 05/03/2008**

DRILL F/900' TO 1240' WOB 15K RPM'S 65 SPM 65 @ 800PSI AVERAGE 115' P/HR. WIRELINE SURVEY @ 1194' = .75

DRILL F/ 1240' to 1697' WOB 15K RPM'S 65 SPM 65 @ 800PSI AVERAGE 85' P/HR

DRILL F/1697' TO 1742' WOB 15K RPM'S 65 SPM 65 @ 800PSI AVERAGE 115' P/HR. TIGHTEN SWIVEL PACKING

DRILL F/ 1742' TO 1812' WOB 15K RPM'S 65 SPM 65 @ 800PSI AVERAGE 47' P/HR. SET CROWN O MATIC

DRILL F/1812' TO 2108' WOB 15K RPM'S 65 SPM 65 @ 800PSI AVERAGE 65' P/HR. WIRELINE SURVEY @ 2097' = .75°

DRILL F/ 2108' TO 2400' WOB 15K RPM'S 65 SPM 65 @ 800PSI AVERAGE 83' P/HR

**Date: 05/04/2008**

DRILL F/ 2400'-2460' WOB 15K RPM'S 65 SPM 67 @ 900PSI AVERAGE 30' P/HR

TD WELL @ 07:30 05/03/2008

CIRCULATE AND CONDITION MUD. WIRELINE SURVEY @ 2460' = .75°. TRIP OUT TO RUN 5.5" CSG

RUN 5.5" CSG TO 2444'. CIRCULATE. CEMENTING 5.5" CASING

Component Name	Jts	Length (ft)	Nominal OD (in)	Nominal ID (in)	Weight (ppf)	Grade	Connection	Top MD (ft)	Btm MD (ft)
CASING JOINT(S)	81	2,373.20	5.500	4.740	5.90	J-55	10RD	10.0	2,383.2
CASING JOINT(S)	2	56.87	5.500	4.950	15.50	J-55	LTC	2,383.2	2,440.1
INSERT FLOAT	1	0.01	6.050	4.950	15.50	J-55	LTC	2,440.1	2,440.1
SHOE JOINT	1	13.15	5.500	4.950	15.50	J-55	LTC	2,440.1	2,453.2
GUIDE SHOE	1	0.80	6.050	4.950	15.50	J-55	LTC	2,453.2	2,454.0

**Stage:** 1 - PRIMARY

Returns:

FULL

Fluid Type	Slurry Type	Class	Density (ppg)	Yield (ft <sup>3</sup> /sk94)	Mix Water Ratio (gal/sk94)	Actual Sacks
FRESH WATER	SPACER	8.40				
LEAD CEMENT	CEMENT	PREM PLUS	11.10	3.2700	20.470	350.00
TAIL CEMENT	CEMENT	PREM PLUS	13.20	1.8600	9.940	150.00
FRESH WATER	DISPLACEMENT	8.40				

CIRCULATED 173SACKS TO SUFACE

**Date: 05/05/2008**

BACK OUT LANDING JOINT AND LAYDOWN SAME, LAY DOWN BOP RELEASE RIG. 10:00 HRS 05/04/2008