

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  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
2008 OCT 20 PM 3 52

WELL API NO. 30-021-20380
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG-4607
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1832
8. Well Number 011
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
2. Name of Operator OXY USA Inc.
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250
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>1</u> Township <u>18N</u> Range <u>32E</u> NMPM County <u>Harding</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>4763.3'</u>
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 NMOC guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE David Stewart TITLE Sr. Regulatory Analyst DATE 10/28/08  
E-mail address: david\_stewart@oxy.com  
Type or print name David Stewart Telephone No. 432-685-5717

For State Use Only

APPROVED BY Ed Martin TITLE DISTRICT SUPERVISOR DATE 10/28/08  
Conditions of Approval, if any:

**BDCDGU 1832-011****Date: 05/06/2008**

RIG UP, PRESUDINSPECTION, MIX MUD.

MAKE UP BHA.

DRILING FROM 0 TO 331'

SURVEY @ 301 .75 DEG

DRILLING FROM 331" TO 718' TD

WHILE CIRCULATING SUCTION VALVE ON #1 PUMP WAS CLOSED, HOLE FELL IN ON BHA APROXIMATLY 120' AT BOTTOM OFWELL.

WORK PIPE FREE, LAY DOWN 1 DP, 3 DC.

BREAK CIRCULATION, CIRCULATE AND CLEAN HOLE .

REAM BACK TO BOTTOM, CIRC AND CLEAN HOLE TO RUN CASG.

TRIP OUT OF HOLE TO RUN CASG

RIG UP CASG TOOLS FOR SURFACE CASG

**Date: 05/07/2008**

RUN 8 5/8 CASG, SET @708

CIRCULATE CSG, SAFETY MEETING WITH HALIBURTON.

Component Name	Jts	Length (ft)	Nominal OD (in)	Nominal ID (in)	Weight (ppf)	Grade	Connection	Top MD (ft)	Btm MD (ft)
GUIDE SHOE	1	0.80	9.620	8.097	32.00 J-55	8RD		10.0	10.8
SHOE JOINT	1	45.42	8.620	8.097	32.00 J-55	8RD		10.8	56.2
FLOAT COLLAR	1	1.20	9.620	8.097	32.00 J-55	8RD		56.2	57.4
CASING JOINT(S)	15	657.40	8.620	8.097	32.00 J-55	8RD		57.4	714.8

CEMENT CASING WITH 400 SX PREMIUM PLUS, CIRCULATED 83 SX TO PITT. BUMPED PLUG HELD. WOC

Stage:	1	PRIMARY	Returns:	FULL			
Fluid Type		Slurry Type	Class	Density (ppg)	Yield (ft3/sk94)	Mix Water Ratio (gal/sk94)	Actual Sacks
FRESH WATER		PREFLUSH	8.40				
LEAD CEMENT		CEMENT	PREM PLUS	14.80	1.3500	6.390	400.00
FRESH WATER		DISPLACEMENT	8.40				

BUMPED PLUG @ 05/05/2008 12:30 200 PSI OVER, HELD 1 MIN CIRCULATED 83 SACKS TO RESERVE.

RIG DOWN CEMENTERS BACK OUT LANDING JOINT. RIG UP BOP.

**Date: 05/08/2008**

LOAD PIPE RACKS + STRAP COLLERS

UNLOAD + RIG UP PREMIX TANK, MIX MUD.

WAIT ON BOP TESTER.

TEST BOP 250 LOW 2000 HIGH OK

TEST HYDRILL 250 LOW1000 HIGH OK

TIH TAG FLOAT @ 661'

TEST CASG TO 1000 PSI 30 MIN TEST GOOD.

DRILL OUT FLOAT, CEMENT, SHOE, 10' OF FORMATION: TEST FORMATION TO 200 PSI. HELD 5 MIN

DRLG FROM 718' TO 912' 10 TO 18 WOB 80 RPM 100' HR

SURVEY @ 912' .75 DEG

DRLG FROM 912' TO 1280' 10 TO 18 WOB 80 RPM 90' HR

**Date: 05/09/2008**

DRLG. F/1280'-1370', WOB 10/15, RPM 70/80, 90 FT., PR 45 FT/HR

SURVEY @1324' .75DEG.

DRLG. f/1370'-1781', WOB 10/20, RPM 70, 411 FT., PR 74.7 FT/HR

SURVEY @1736' 1DEG.

DRLG. F/1781'-2238', WOB 10/20, RPM 70, 457 FT., PR 57.1 FT/HR.

SURVEY @2238' 1DEG.

DRLG. F/2238'-2490' WOB 10/20, RPM 70, 252 FT., PR 63 FT/HR TD PRODUCTION HOLE.

CIRCULATE CONDITION HOLE &amp; MUD

RUN WIRE LINE SURVEY @ 2444 1DEG.

TOH TO RUN WIRE LINE LOGS

Date: 05/10/2008

TOH TO LOG

RIG UP HALLIBURTON LOGGERS, RUN GAMMA RAY - SPECTRA GAMMA RAY-DENSITY-RESISTIVITY LOG'S, LOGGERS TD2490' @11:40AM, RIG DOWN

RUN 5 JT'S. 5.5 CSG., 3 JT'S 5.5, 15.5# J-55 CSG., 2 JT'S FIBER GLASS CSG.

2ND JOINT OF FIBER GLASS CSG. BECAME STUCK IN CASING TOOL, WRONG CASING DIES WERE INSTALLED, BRING DOWN TO FLOOR, INSTALL DC CLAMP. BACKED OFF CASING COLLAR, DISASSEMBLE CASING TOOL AND INSTALL PROPER DIES IN CASING TOOL. TOOL STILL NOT WORKING PROPERLY. ATTEMPT TO SCREW CASING COLLAR BACK ON WITH CASING TOOL, MADE IT UP APPROXIMATELY HALF WAY. FINISHED MAKING UP THE COLLAR WITH TWO MEN ON CHAIN TONGS. PICKED UP ON CASING WITH ELEVATORS COLLAR CAME OFF AND LOST 5 JT'S OF CASING DOWN THE HOLE.

WAITING ON FISHERMAN AND FISHING TOOLS TO ARRIVE. ATTEMPTED TO GET FISHING TOOL HELP FROM SMITH TOOLS, WEATHERFORD, CAGLE. FINALLY FOUND ONE WITH KNIGHT AND THEY WERE HAVING PROBLEMS ROUNDING UP TOOLS. THEY ARE NOW ON THE WAY.

Date: 05/11/2008

WAIT ON KNIGHT FISHING HAND AND FISHING TOOLS

PICK UP FISHING TOOLS, T.I.H. WITH 7 3/5" OVERSHOT, 5 1/2 GRAPPLE, X-OVER, JARS, 51 JT.S 4 1/2 D.P. TOTAL LENGTH 2352.63 TOF 2334

WORK TOP OF FISH

TOH, NO RECOVERY, PIPE CAME DRY AFTER 27 STD'S

LOAD PIPE RACK W/ 4 X 6 1/4" DC'S, PICK UP 7 5/8 CONCAVE MILL, TOH TO T.O.F. @2334'

WASH 19' TO TOP OF FISH @2334', MILLING 5.5" FIBER GLASS CASING 2334'-2395'. WOB 2/4, RPM 80, PR 5/15 FT/HR

Date: 05/12/2008

MILL FIBER GLASS 2393-2397'

CIRC + TOH.

PICK UP SPEAR WITH GPL CATCH 4.875-5.048

CHECK CROWN OMATIC, FAILED. RESET CHECK OK.

TIH W/ GPL SPEAR WASH TO TOF @2334'

WORK SPEAR TO CATCH FISH

T.O.H. LAY DOWN FISH

MIX NEW MUD

WASH 90 FT. TO BOTTOM

CIRCULATE CONDITION HOLE

T.O.H. TO RUN 5.5 CASING

Component Name	Jts	Length (ft)	Nominal OD (in)	Nominal ID (in)	Weight (ppf)	Grade	Connection	Top MD (ft)	Btm MD (ft)
WH HOUSING EXT JT	1	4.00	11.000	4.500				10.0	14.0
CASING JOINT(S)	1	10.00	5.500	4.740	5.90 J-55	10RD		14.0	24.0
CASING JOINT(S)	81	2,367.10	5.500	4.740	5.90 J-55	10RD		24.0	2,391.1
CASING JOINT(S)	2	86.88	5.500	4.950	15.50 J-55	8RD LTC		2,391.1	2,478.0
INSERT FLOAT	1	0.01	4.900	2.000	15.50 J-55	8RD LTC		2,478.0	2,478.0
SHOE JOINT	1	10.15	5.500	4.950	15.50 J-55	8RD LTC		2,478.0	2,488.1
GUIDE SHOE	1	0.80	6.050	4.950	15.50 J-55	8RD LTC		2,488.1	2,488.9

Date: 05/13/2008

TOH TO RUN 5.5" CSG.

RUN 82 JT.S 5.5. FIBER GLASS CSG., PLUS 3 JT'S J 55 STEEL CSG. PER PROGRAM. WASHED W/H PRIOR TO LANDING. FILLED B.O.P W/ FRESH WATER AFTER LANDING. CLOSED ANNULAR WHILE CEMENTING.

HAD PROBLEMS GETTING CASING TOOL TO WORK. DRILLERS HAVING PROBLEMS MAKING UP CSG. USING TOO MUCH WT. DAMAGED/CROSS THREADED 3 JT'S FIBER GLASS CSG., PROBLEMS WASHING TO BOTTOM. DAMAGED/BROKE CIRCULATING HEAD ROUGHNECKS DIDN'T SLACK OF WINCH. PROBLEMS GETTING CELLAR JET TO WORK. HANDS LET PITS RUN OUT OF VOLUME.

CIRCULATE PRIOR TO CEMENTING

CEMENT LEAD CEMENT 350 SKS PREMIUM PLUS SBM 11.1 LB/GAL, 3.27 FT3/SK, 20.47 GAL/SK, 2% CACL, PHENO SEAL - BLEND 40LB, ✓  
TAIL, CEMENT 150 SKS PREMIUM PLUS, 2% CACL, PHENO SEAL BLEND 40 LB. DISPLACEMENT 54 BBL, CIRCULATE 142 SKS TO PITS BUMPED PLUG 650 PSI

WAIT ON CEMENT, PROCEED TO RIG DOWN

Stage:	1	PRIMARY	Returns:	PARTIAL			
Fluid Type	Slurry Type	Class	Density (ppg)	Yield (ft3/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	

Date: 05/14/2008

CLEAN AND JET PITS, NIPPLE DOWN, RELEASE RIG @9:30 AM 5/13/08