

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II - (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV - (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised August 1, 2011

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

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: CO ₂ SUPPLY WELL		WELL API NO. 30-021-20533
2. Name of Operator OXY USA Inc.		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
3. Address of Operator P.O.Box 4294, HOUSTON, TX 77210-4294		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>E</u> : <u>1688</u> feet from the <u>NORTH</u> line and <u>940</u> feet from the <u>WEST</u> line Section <u>30</u> Township <u>21 N</u> Range <u>30 E</u> NMPM County: <u>HARDING</u>		7. Lease Name or Unit Agreement Name BRAVO DOME CARBON DIOXIDE GAS UNIT 21 30
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 5339.2 FT		8. Well Number 301
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 <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>	
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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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

SEE ATTACHED SUMMARY OF DRILLING OPERATIONS.

Spud Date: 3/20/2012 @ 8:00 AM Rig Release Date: 4/7/2012 @ 8:00 AM

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Albert Giussani* TITLE SR. ENGINEERING ADVISOR DATE 12/26/2013

Type or print name AL GIUSSANI E-mail address: albert_giussani@oxy.com PHONE: 806 638 1296

For State Use Only

APPROVED BY: *Ed Marto* TITLE **DISTRICT SUPERVISOR** DATE 1/2/2014
 Conditions of Approval (if any):

BDU 21 30 30 1 E

API : 30-021-20533

3/14/2012 TO 3/20/2012 MOVE RIG TO LOCATION AND RIG UP

3/20/2012 SPUD WELL AT 8:00 AM DRILL 17.5" SURFACE HOLE TO 450'.

3/21/2012 CONTINUE DRILLING 17.5" SURFACE HOLE TO 1049'.

3/22/2012 CONTINUE DRILLING 17.5" SURFACE HOLE TO 1146'. RIG UP CASING EQUIPMENT, RUN CASING. CASING SET AT 1145.88'.

CASING DETAILS:

13.375', 54.50 #/FT, J 55, STC. 25 JOINTS, TOTAL LENGTH : 1073.62'

FLOAT COLLAR, OD 13.375 LENGTH: 1.10'

1 CASING JOINT, 13.375, 54.5, J 55, STC, LENGTH: 44.16'

1 CASING SHOE, 13.375, LENGTH : .80'

3/23/2012 CEMENT 13.375 CASING AS FOLLOWS:

TEST LINES TO 2500 PSI

PUMP 20 BBLS FRESH WATER SPACER

PUMP 705 SX (220 BBLS) PREMIUM PLUS LEAD @ 13.5 PPG WITH 4% BENTONITE+ 2% CALCIUM CHLORIDE +.25LBm/SX POLY-E-FLAKE

PUMP 380 SX (91 BBLS) PREMIUM PLUS TAIL @ 14.8 PPG WITH 2% CALCIUM CHLORIDE +.25LBm/SX POLY-E-FLAKE

DISPLACE CEMENT WITH 170 BBLS OF 9.00 PPG MUD , BUMPED PLUG @ 9:48.

CIRCULATED 134 BBLS (430 SX) TO SURFACE

3/24/2012 TORQUE BOLTS ON ROTATING HEAD, FINISH INSTALL HYDRAULIC LINES FROM KOOMEY TO BOP STACK, FUNCTION TEST RAMS, WELDER MODIFYING FLOW LINE TO FIT ORBIT VALVES, MODIFY SWACO 12" VENT NIPPLE UP BOPE AND TEST .

3/25/2012 TESTED 13-5/8" 10M HYDRIL BOP.(FUNCTION TEST)ATTEMPT TO CALIBRATE LWD & PWD TOOLS (GOOD CALIBRATION ON GAMMA & AP TOOLS),PRT (RESISTIVITY) TOOLS NOT RESPONDING, TROUBLE SHOOT CABLES & CONNECTIONS, CHANGE OUT PRT SUB, SAME RESULT PRT NOT FUNCTIONING PROPERLY

3/26/2012 DRILL CEMENT, HAD ISSUE WITH THE TOTCO SYSTEM ,TRIP OUT HOLE TO CHANGE OUT MWD TOOL, DRILLING 12.25" INTERMEDIATE TO 1290'.

3/27/2012 DRILL 12.25" INTERMEDIATE HOLE TO 1955', CIRCULATE BOTTOMS UP, FLOW CHECK PUMPS SLUG TRIP OUT HOLE

3/28/2012 TOH, REPAIR LINK TILT; TIH; R/U RESERVE PUMP; CHANGE SHAKER SCREENS; TRIP IN HOLE, WASH 45' TO BOTTOM; DRILL AHEAD 12.25" INTERMEDIATE TO 2042'; TRIP OUT HOLE CHANGE OUT MWD TOOL,.

3/29/2012 TOH; CHANGE MWD; TIH; WASH TO BOTTOM; DRILL 12.25" INTERMEDIATE TO 2310'.

3/30/2012 DRILL 12.25" INTERMEDIATE TO 2356'; CIRC; TOH TO CHANGE BIT; TIH; WASH 45'; DRILL 12.25" INTERMEDIATE TO 2572'.

3/31/2012 TD 12.25" INTERMEDIATE @ 2651' IN CIMARRON FORMATION; CIRC; TOH; L/D 8" TOOLS; RUN 9 5/8 CASING SET @ 2651' ,CEMENT 9 5/8 CASING, TEST PACK OFF,

CASING DETAILS:

9.625", 40.00 #/FT, N 80, LTC, . 1 JOINT, TOTAL LENGTH: 37.28'

9.625", 40.00 #/FT, N 80, LTC, . 1 JOINT, TOTAL LENGTH: 4.13'

9.625", 40.00 #/FT, N 80, LTC, . 64 JOINTS, TOTAL LENGTH:

FLOAT COLLAR, OD 9.625", LENGTH: 1.20'

2 CASING JOINT, 9.625, 40.0, N 80 , LTC, LENGTH: 79.36'

1 CASING SHOE, 9.625, LENGTH : 1.70'

CEMENTING DETAILS:

TEST LINES TO 2500 PSI

PUMP 20 BBLS FRESH WATER GEL SPACER

PUMP 670 SX (291 BBLS) LEAD, PREMIUM PLUS @ 11.4 PPG WITH 2% CALCIUM CHLORIDE +.25LBm/SX POLY-E-FLAKE

PUMP 150 SX (48 BBLS) TAIL PREMIUM PLUS @ 14.8 PPG WITH 2% CALCIUM CHLORIDE +.25LBm/SX POLY-E-FLAKE

DISPLACE CEMENT WITH 194.5 BBLS OF FRESH WATER , BUMPED PLUG ,00:30 HOURS ON 04/01/2012 .

CIRCULATED 190 BBLS (363 SX) TO SURFACE

4/1/2012 R/D HALLIBURTON; SET PACK OFF; CLEAN AND SETUP FOR OIL BASE MUD, PICK UP MWD TOOL, TRIP IN HOLE

4/2/2012 TIH; REPLACE & TEST ORBIT VALVE; DISPLACE WITH OIL BASE; CIRC; CASING TEST; DRILL FLOAT; WORK ON PUMPS

4/3/2012 CLEAN UP MUD AND PUMPS; CIRCULATE; MOVE MUD BACK TO FRACS; CLEAN PITS, HOSES, SUCTIONS; MOVE MUD BACK OVER SHALE SHAKER

4/4/2012 CLEAN UP MUD AND PUMPS; CIRCULATE; CLEAN PITS, HOSES, SUCTIONS; MOVE MUD BACK OVER SHALE SHAKER, DRILL PRODUCTION HOLE 8.75" TO 2728'.

4/5/2012 TD 8.75" PRODUCTION @ 2800'; CIRC; SHORT TRIP; CIRC; TOH; LOG.

4/6/2012 RUN AND LAND 7" PRODUCTION CASING; CEMENT PROD CASING; EMPTY PITS; INSTALL PACKOFF; N/D BOP , SET TUBING HEAD AND TEST.

CASING DETAILS:

7.00", 23.00 #/FT, N 80, LTC, . 65 JOINTS, TOTAL LENGTH: 2720.42'

FLOAT COLLAR, OD 7.00 LENGTH: 1.20'

1 CASING JOINT, 7.000, 23.0, N 80, LTC, LENGTH: 42.33'

1 CASING SHOE, 7.000, LENGTH : 1.50'

CEMENTING DETAILS:

TEST LINES TO 3000 PSI

PUMP 20 BBLS 14 PPG TUNED SPACER

PUMP 620 SX (119 BBLS) PREMIUM PLUS @ 16.5 PPG WITH 7% KCL+.5% CFR-3

DISPLACE CEMENT WITH 108 BBLS OF 7% KCL WATER , BUMPED PLUG @ 8:00 .

CIRCULATED 23 BBLS (120 SX) TO SURFACE

4/7/2012 N/U AND TEST TUBING HEAD, VALVE AND CAP; L/D DERRICK PIPE, RIG RELEASED 8:00 AM.