

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

2007 OCT 5 PM 12:15

WELL API NO. 30-021-20384
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG-4609
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1832
8. Well Number 071
9. OGRID Number 16696
10. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 640

11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4533'	
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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 _____

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"/>	
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>7</u> Township <u>18N</u> Range <u>32E</u> NMPM County <u>Harding</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4533'	

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 COMPLETION <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"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>

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 1832-071

Date: 09/18/2007

Supervisor 1: CHAD FRAZIER

MOVE IN AND RIG UP

PRE SPUD RIG INSPECTION AND PRE JOB SAFETY MEETING

RIG REPAIRS - REPLACE HYDRAULIC HOSES ON BOOM

DRILLED 12.25" SURFACE HOLE FROM 6.6' TO 387' USING 10/15 AVERAGE WOB, 110 ROTARY RPMS, 402 GPM @ 500 PUMP PSI

RAN INCLINATION SURVEY ON SLICK LINE @ 357' - 1.00 DEGREE

DRILLED 12.25" SURFACE HOLE FROM 387' TO 712' USING 15/20 AVERAGE WOB, 120 ROTARY RPMS, 402 GPM @ 500 PUMP PSI

CIRCULATE AND RUN INCLINATION SURVEY AT 684' - 1.25 DEGREES

TRIP OUT OF HOLE WITH 12-1/4" SPUD ASSEMBLY

PRE JOB SAFETY RUNNING CASING & RIG UP CASING EQUIPMENT

START RUNING (8.625), (24.00), (J-55), (ST&C) CASING AFTER MAKING UP SECOND JOINT OF CASING, COLLAR HUNG IN MAKE UP TOOL, PICKED UP CASING WITH MAKE UP TOOL, CASING FELL OUT OF MAKE UP TOOL APRX. 2 - 2.5 FEET TO CASING ELEVATORS CAUSING ELEVATORS TO OPEN AND LETTING 87.77' OF CASING FALL TO BOTTOM OF SURFACE HOLE. WAIT ON FISHERMAN AND FISHING TOOLS

Date: 09/19/2007

Supervisor 1: CHAD FRAZIER

WAIT ON FISHING TOOLS, AND UNLOAD 5 NEW DRILL COLLARS TO REPLACE STUBED DRILL COLLARS FOR DRILLING 7.875" PROD HOLE

DRESS SPEAR WITH 7.955 GRAPPLE, AND PICK UP FISHING BHA =

1-4.625 SPEAR W/ 7.955 GRAPPLE - 1-6" BUMPER SUB - 1-6.25" JARS - 1-6" CHANGE OVER - 6-6" DRILL COLLARS - 1-6.25" ACCELERATOR AND TIH ,

WORK SPEAR INTO CASING AND WASH FILL OUT OF CASING JOINT DOWN TO FLOAT COLLAR

TOOH AND LAY DOWN FISHING BHA AND 2 JOINTS OF 8.625" SURFACE CASING

TIH WITH CLEAN OUT ASSY. = 12.25" BIT & 15 - 6" DRILL COLLARS TAG @ 678' WASH AND REAM TO 712'

CIRCULATE OUT FILL AND CONDITON HOLE FOR RUNNING 8.625" SURFACE CASING. TOOH TO RUN 8.625" SURFACE CASING

PRE JOB SAFETY MEETING - RUNNING CASING

RIGED UP AND RAN (8.625), (24.00), (J-55), (ST&C) CASING FROM 6.60' TO 701.44' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS: 1 (TEXAS PATTERN) SHOE FROM 702.24 TO 701.44' - 1 SHOE JOINT FROM 701.44' TO 658.44' - 1 INSERT FLOAT SET IN COLLAR OF SHOE JOINT @ 658.44' - 15 JOINTS CSG FROM 658.44' TO 9.6' - 1 LANDING JOINT FROM 9.6' TO -3.4' (ABOVE KB) - 5 CENTRALIZER FROM 657.98 TO 85.92'

CIRCULATE TO CONDITION HOLE FOR CEMENTING JOB, PRE JOB SAFETY MEETING WITH HALLIBURTON

RIGGED UP, MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TESTED CEMENTING LINES TO 1000 HIGH PRESSURE FOR 3 MINUTES. PUMP 20 BBLS FRESH WATER AHEAD WITH 100 PSI. 400 SACKS OF LEAD (PREMIUM PLUS 2% CACL) MIXED TO 14.8 PPG AT 6 BPM WITH 150 PSI. DROPPED TOP PLUG. DISPLACED CEMENT WITH 42 BBLS (FRESH WATER) USING HALLIBURTON AT 6 BPM WITH 200 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 650 PSI. HELD PRESSURE FOR 5 MIN. BLED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 42 BBLS OF CEMENT TO SURFACE
EXCESS CEMENT PUMPED OVER BIT SIZE WAS 248%

WOC, JET CELLAR, DUMP AND CLEAN STEEL PITS. BREAK OUT LANDING JOINT, RIG UP BOPE

TIH WITH 7.875" PRODUCTION BIT AND BHA TAG CEMENT @ 643'

BREAK CIRCULATION USING RIG PUMPS AND TEST BOPE AND CASING TO 1000 PSI FOR 30 MINUTES AND TEST OUTSIDE 2" VALVE ON WELLHEAD TO 1000 PSI FOR 10 MINUTES

DRILL CEMENT AND FLOAT EQUIPMENT FROM 643' TO 712' USING 10/15K AVERAGE WOB, 50/55 ROTARY RPMS, 402 GPM @ 900 PSI

DRILLED 7.875" PRODUCTION HOLE FROM 712' TO 896' USING 20/25K AVERAGE WOB, 70 ROTARY RPMS, 402 GPM @ 600 PUMP PSI

Date: 09/20/2007

Supervisor 1: CHAD FRAZIER

DRILLED 7-7/8" PRODUCTION HOLE FROM 896' TO 1147' USING 20/25K AVERAGE WOB, 70 ROTARY RPMS, 402 GPM @ 600 PUMP PSI @ 1100' PUMPED OVER STARCH WATER FROM PRE MIX PIT TO STEEL PITS AND CIRCULATED STEEL PITS ONLY

RUN INCLINATION SURVEY AT 1116' - 1 DEGREE

DRILLED 7-7/8" PRODUCTION HOLE FROM 1147' TO 1549' USING 20/28K AVERAGE WOB, 70 ROTARY RPMS, 402 GPM @ 700 PUMP PSI

PUMPED PAPER SWEEPS EVERY CONECTION WITH A 60 VIS GEL SWEEP EVERY THIRD CONECTION

RUN INCLINATION SURVEY AT 1517' - 1 DEGREE

DRILLED 7-7/8" PRODUCTION HOLE FROM 1549' TO 1950' USING 30/35K AVERAGE WOB, 70 ROTARY RPMS, 402 GPM @ 850 PUMP PSI @ 1900' WENT BACK TO CIRCULATING RESERVE PIT ONLY ADDING POLY VIS AT THE FLOW LINE TO CONTROL SOLIDS.

PUMPED PAPER SWEEPS EVERY CONNECTION WITH A 60 VIS GEL SWEEP EVERY THIRD CONNECTION DOWN TO 1900'

RUN INCLINATION SURVEY AT 1919' - 1.25 DEGREES

DRILLED 7-7/8" PRODUCTION HOLE FROM 1950' TO 2138' USING 35/38K AVERAGE WOB, 70 ROTARY RPMS, 402 GPM @ 850 PUMP PSI @ 2075' PUMPED KCL MUD AND CIRCULATED RESERVE PITS ONLY

Date: 09/21/2007

Supervisor 1: CHAD FRAZIER

DRILLED 7-7/8" PRODUCTION HOLE FROM 2138' TO 2284' USING 35/38K AVERAGE WOB, 70 ROTARY RPMS, 402 GPM @ 850 PUMP PSI @ 2075' PUMPED KCL MUD AND CIRCULATED RESERVE PITS ONLY. FOUND CIMMARON 2152' - 2169'. RAN FLUID CALIPER @ 2172' TOOK 13.5 MIN. @ 60SPM WITH 0.135BBLS / STROKE

CIRCULATE TO CONDITION HOLE FOR TOOH, AND RUNNING 5.5" PRODUCTION CASING

DROP INCLINATION SURVEY TOOL AND TOOH

PRE JOB SAFETY MEETING RUNNING CASING

RIGGED UP AND RAN (5.500), (5.3), (FIBERGLASS), (8RD LT&C) CASING FROM 6.60' TO 2162.83' TORQUE CONNECTIONS TO 400 AVERAGE FT/LBS AND (5.500), (15.50), (J-55), (8RD LT&C) FROM 2162.83' TO 2272.49' TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE FROM 2272.49' TO 2271.69' - 1 STEEL SHOE JOINT FROM 2271.69' TO 2261.99' - 1 INSERT FLOAT SET IN COLLAR OF SHOE JOINT @ 2261.99' - 3 JOINTS STEEL CASING FROM 2261.99' TO 2162.83' - 74 JOINTS FIBERGLASS CASING FROM 2162.83' TO 9.6' - 1 STEEL LANDING JOINT FROM 9.6' TO -3.4 (ABOVE KB)

PRE JOB SAFETY MEETING WITH CEMENTERS AND CIRCULATE TO CONDITION HOLE FOR CEMENTING JOB

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 11.1 PPG AT 7 BPM WITH 150 PSI AND 150 SACKS OF (PREMIUM PLUS 2% CACL) MIXED TO 13.2 PPG AT 7 BPM WITH 150PSI AND DROPPED TOP PLUG. DISPLACED CEMENT WITH 49.6 BBLS (FRESH WATER) USING HALLIBURTON PUMP AT 7 BPM WITH 300 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 850 PSI. CIRCULATED 132 BBLS CEMENT TO SURFACE. PLUG DOWN 09/20/2007 @ 15:20. WOC

LEAD CEMENT EXCESS OVER BIT SIZE - 309% - TAIL CEMENT EXCESS OVER BIT SIZE - 168%

WOC, DUMP AND CLEAN STEEL PITS, AND JET CEMENT OUT OF CELLAR

REMOVE LANDING JOINT, RIG DOWN BOPE, AND INSTALL 2" VALVE, AND NIPPLE. RIG RELEASED TO BDU 1831-131G 09/20/2007 @ 21:30