

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 28 11:35

WELL API NO. 30-021-20404
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG-4620
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1932
8. Well Number 201
9. OGRID Number 16696
10. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 640

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4578.9'

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 \_\_\_\_\_

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 F: 1700 feet from the north line and 1700 feet from the west line

Section 20 Township 19N Range 32E NMPM County Harding

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

4578.9'

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 10/14/08

E-mail address: david\_stewart@oxy.com  
Telephone No. 432-685-5717

Type 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:

**BDCDUGU 1932-201****Date: 05/12/2008**

WAIT FOR TK STANLEY TO GET TO LOCATION .

HELD A PJSM BEFORE RIG MOVE WITH RIG CREW, RIG MOVERS , CO/MAN

RD &amp; MOVE &amp; RU ON BDU 1932-201F LOCATION .&amp; MIX SPUD MUD . STRAP 8.625" CASING &amp; DRIFT . STRAP BHA # 1

PJSM. PRE- SPUD RIG INSPECTION .WITH CO/MAN &amp; TOOL PUSHER .

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 11' TO 122" USING 15-20K AVERAGE WOB, 80 ROTARY RPM'S 370 GPM @ 500 PUMP PSI. SPUD WELL @ 03:30 ON 05/12/2008 .

**Date: 05/13/2008**

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 122' TO 476" USING 15-20K AVERAGE WOB, 80 ROTARY RPM'S 370 GPM @ 500 PUMP PSI. PUMPING 12 BBL SWEEPS EVERY OTHER CONNECTIONS

SURVEY @ 446' 1.75 \* DEG

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 476' TO 725' USING 15-20K AVERAGE WOB, 80 ROTARY RPM'S 370 GPM @ 500 PUMP PSI. TD SURFACE HOLE @ 1530 AM 05/12/2008

CIRCULATE AND COND HOLE FOR CASING. PUMP 60 BBLS OF 80 VIS PILL TO SWEEP HOLE. JSA MEETING ON TRIP OUT OF HOLE. AFTER CIRC &amp; COND DROP TOTCO SURVEY SURVEY @ 709' 0.75 \* DEG

TRIP OUT OF THE HOLE TO RUN 8 5/8" CASING .

WAIT ON CSG TOOLS FROM CAP STAR RIG # 27 .

PJSM &amp; RU CASING TOOLS TO RUN 8 5/8" SURFACE CASING .

**Date: 05/14/2008**

RUN (8.625), (24.00), (J-55), (ST&amp;C ) CASING FROM 11' TO 714' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (GUIDE) SHOE (714' TO 713.13') - 1 JOINTS CSG. - 1 FLOAT COLLAR (669.71' TO 668.81') - 16 JOINTS CSG.

5 CENTRALIZER FROM 11.00' TO 700'.

CIRC &amp; WASH LAST 10' DOWN OF 8 5/8" CSG

CIRCULATE,&amp; COND FOR CMT JOB . SAFETY MEETING AND RIG UP HALLIBURTON CMT EQUIPMENT ..

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TESTED CEMENTING LINES TO 2000 HIGH PRESSURE FOR 3 MINUTES.

PUMP 20 BBLS FRESH WATER AHEAD.

400 SACKS OF LEAD ( PREMIUM PLUS 2% CACL ) MIXED TO 14.8 PPG AT 5 BPM WITH 200 PSI AND

DROPPED TOP PLUG. DISPLACED CEMENT WITH 42.6. ( FRESH ) USING HALLIBURTON AT 5 BPM WITH 220 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 700 PSI. HELD PRESSURE FOR 2 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING.

CIRCULATED 68 SACK CEMENT TO SURFACE. PLUG DOWN AT 11:30 HOURS ON 05/13/2008.

WOC 4 HOURS BEFORE BACKING OFF LANDING JOINT. MIX STARCH IN MIX TANK WHILE WOC . MUD ENG ON LOCATION .

BACK OFF LANDING JOINT. INSTALL LM-85 WELL HEAD NIPPLE UP 9" 3000 DOUBLE RAM BOP AND ANNULAR.

PICK UP BHA # 2 AND TRIP IN HOLE. IN STALL ROTATING RUBBER. CHAIN DOWN BOP. TAG CMT @ 655' .

PJSM WITH CREW &amp; CO/MAN : PERFORM SHELL TEST AS FOLLOWS CIRCULATE 15 BBLS TO GET AIR OUT OF DRILL PIPE .CLOSE ANNULAR AND OPEN BYPASS VALVE ON CHOKE MAINFOLD . CIRC &amp; CHECK FOR RETURNS OUT CHOKE MAINFOLD .CLOSE MAINFOLD PRESSURE TEST CASING AND SHELL TEST OF BOP'S / CHOKE MANIFOLD TO 1000 PSI FOR 30 MIN . BLEED PRESSURE OFF CASING AND BOP'S BY OPENING BYPASS ON CHOKE .OPEN ANNULAR , LINE UP CHOKE MANIFOLD VALVES FOR DRILLING .

DRILL CEMENT @ 655' &amp; PLUG &amp; 10' OF FORMATION.

PERFORMED F. I. T. TEST TO 230 PSI AT 735' T.V.D. USING 8.4 PPG MUD. EQUIVALENT MUD WEIGHT = 14.5 PPG

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 735' TO 945" USING 15 K AVERAGE WOB, 80 ROTARY RPM'S , 442 GPM @ 950 PUMP PSI ( DRILL OVER SHAKER PIT , PUMP 12 BBL SWEEP EVERY CONNECTION )

**Date: 05/15/2008**

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 945' TO 1263' USING 10 K AVERAGE WOB, 65 ROTARY RPM'S , 442 GPM @ 1000 PUMP PSI

SURVEY AT 1231 1 \* DEG

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1263 TO 1740' USING 15 K AVERAGE WOB, 80 ROTARY RPM'S , 442 GPM @ 1000 PUMP PSI .

SURVEY @ 1709' 1.0 \* DEG

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1740' TO 2220' USING 15 K AVERAGE WOB, 80 ROTARY RPM'S , 442 GPM @ 1000 PUMP PSI . TOP OF CIMARON FORMATION @ 2111' TOP OF TUB 2129' TD @ 2220' @ 03:30 05/15/2008

CIRC &amp; COND HOLE FOR PRODUCTION CSG . 5.5"

POOH TO RUN 5.5" CASING . DROP TOTCO AT TD.

**Date: 05/16/2008**

POOH TO RUN 5.5" CSG

WAIT ON CSG CREW TO RUN 5.5" PRODUCTION CSG.

RU CSG TOOLS ON THE RIG FLOOR . &amp; HOLD PJSM WITH RIG CREW &amp; CO/MAN .

RUN (5.5), (15.50), (L-55), (LT&amp;C ) CASING FROM 2204.09 TO SURFACE' TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 (GUIDE) SHOE (2204.09' TO 2203.20') - 1 SHOE JOINT CSG WITH INSERT FLOAT 2193.48')

2 JOINTS 5 1/2" STEEL 2193.48 TO 2106.56' . - 80 FIBER GLASS JOINT CSG. - 1 LANDING JOINT, CENTRALIZER FROM 2193.48 TO 2106.56.

@ 890' RUNNING FIBER GLASS PIPE , COULD NOT GET PAST 890' CIRCULATED WITH PUMPS WORKED PIPE UP AND DOWN 2.5 HRS ( FAILED ) NOTE: SMITH PIPE INSPECTION FOUND 1 6" DC WITH 3 CRACKS ON THE PIN END AND 1 BIT SUB THAT WAS BAD .

POOH WITH 5.5" STEEL CASING &amp; 5.5" FIBER GLASS CASING .

INSTALL FLOW NIPPLE AND RIG DOWN CSG RUNNING EQUIPMENT

CIRCULATE AND CONDITION MUD

TRIP IN HOLE WITH SLICK DRILLING ASSEMBLY

REPAIR PIPE HANDLING EQUIPMENT

TRIP IN THE HOLE TAG @ 890' TAKING WEIGHT

**Date: 05/17/2008**

TAG @ 890' WASH AND REAM FROM 890' TO 2220'

CIRC & COND HOLE TO RUN 5.5" PRODUCTION CSG PUMP TWO 15 BBL SWEEPS CIRCULATE TO SURFACE

PJSM : START TOOH TO RUN 5.5" PRODUCTION CASING NOTE HOLE IS IN GOOD SHAPE . NO DRAG .

PJSM : RIG UP CASING HANDLING EQUIPMENT WITH ALLEN CASING CO. 2 MAN CREW .

RUN (5.5), (15.50), (L-55), (LT&C) CASING FROM 2236.79 TO 2335.22' TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 (GUIDE) SHOE (2220' TO 2219.11') - 1 SHOE JOINT CSG WITH INSERT FLOAT AT 2209.39')

2 JOINTS 5 1/2" STEEL 2209.38' TO 2122.46' - 75 FIBER GLASS JOINT CSG. - 1 LANDING JOINT

2 CENTRALIZER FROM 2209.39' TO 2122.46'. WHILE RUNNING IN THE HOLE TAG CSG TOOK WEIGHT @ 980' COULD NOT GET PAST THIS DEPTH .

POOH WITH CSG TO REAM HOLE AGAIN . @ 980'

CUT / SLIP DRILL LINE

RIH WITH BIT #2 RUN # 4 TO REAM .

BACKREAM HOLE FROM 1229' TO 1354' (JOINT 21 TRHU 25). THIS ENSURES THE IBS BACKREAMS OVER THE TIGHT SPOT INTERVAL 826' THRU 1052'.

WORK EACH JOINT 5X UP/DOWN AT 60-70 RPM WITH NO FLOW. LAY DOWN JOINT AFTER BACKREAMING.

THEN PICK UP JOINTS 21-25 AGAIN REAMING 60-70 RPM WITH 450 GPM FLOW. CIRCULATE 2X BOTTOMS UP AND TOOH.

**Date: 05/18/2008**

BACK REAM HOLE F/ 1354.11' T/ 750' & CIRC & COND HOLE .

PJSM & POOH LD IBS & BIT # 2 RUN #4 ,

PJSM : SMITH TOOL HAND ON LOCATION WITH UNDER REAMER @ 14:00 . PU & STRAP BHA #4 WITH 2 IBS, 1 8 1/2" UNDER REAMER & 10 DC .

GIH WITH UNDER REAMER BHA # 4

MASTER CYLINDER ON PIPE HANDLING BOOM FAILED. GETTING REPLACEMENT CYLINDER FROM PAMPA TX.

CONTINUE RIH WITH UNDER REAMER BHA #4

UNDER REAM F/ 950.64' TO 1010.64' TIGHT SPOT @ 980.64' UNDER REAM 30' ABOVE AND 30' BELOW TIGHT SPOT .

**Date: 05/19/2008**

PJSM : GIH STRAPING DP & BHA WHILE TIH TO 920' TO START UNDER REAMING TO 1040' TIGHT SPOT AT 980' WITH SMITH TOOL HAND ON LOCATION . NOTE: FIRST JOINT OF THE 120' WE UNDER REAMED WAS SLOW GOING GETTING CEMENT BACK . SECOND JOINT WAS POCKETS OF TIGHT SPOTS . 3RD JOINT @ 980' WE WORKED THROUGH TIGHT SPOT . 4TH JOINT F/ 1005' TO 1037' HAD TO REAM 6 TIMES TO WORK OUT TIGHT SPOTS . ON THE LAST 3' NOT TIGHT AT ALL . WENT ANOTHER 10' TO CHECK TIGHTNESS ( GOOD) FINAL DEPTH 1050' .

PJSM : POOH LD SMITH UNDER REAMER

PJSM : TIH TO TD @ 2220' BHA #5 BIT # 2. TIGHT SPOTS AT 1222'-1254', 1475'-1506', 1822'-1854', 2171'-2203'.

CIRC & COND HOLE TO RE-RUN 5.5" CSG

ROTATING AT 70 RPM AND 450 GPM FLOW WHILE RECIPROCATING PIPE.

MONITORING SHAKERS FOR CUTTINGS - OBSERVE SIGNIFICANT VOLUME OF CUTTINGS OVER THE SHAKERS INDICATING THAT THE HOLE IS CLEANING UP.

**Date: 05/20/2008**

PJSM : REPAIR PUMPS. BOTH PUMPS DOWN - ROTATING AND RECIPROCATING DRILL STRING WITHOUT FLOW WHILE PUMP REPAIRS BEING MADE.

CIRCULATE AND CONDITIONING MUD PRIOR TO TOOH WITH REAMING ASSBLY. PUMP 2 SWEEPS AND HIGH VISCOSITY PILL PRIOR TO PREPARING TO RIH WITH 5.5" CASING.

PJSM : POOH TO RUN CSG

RU CSG TOOLS ON THE RIG FLOOR . & HOLD PJSM WITH RIG CREW & CSG CREW, CO/MAN .

RUN (5.5), (15.50), (L-55), (LT&C) CASING FROM 2204.09 TO SURFACE TORQUE CONNECTIONS TO 2170 AVERAGE FT/LBS AS FOLLOWS:

1 (GUIDE) SHOE (2207.64' TO 2206.75' - 1 SHOE JOINT CSG WITH INSERT FLOAT 2197.03')

2 JOINTS 5 1/2" STEEL 2153.56 TO 2110.11' - 80 FIBER GLASS JOINT CSG. - 1 LANDING JOINT, CENTRALIZER FROM 2197.03 TO 2110.11' .

PJSM, RIG UP HALLIBURTON CEMENT EQUIPMENT , WHILE CIRC & COND HOLE TO CEMENT .

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TESTED CEMENTING LINES TO 250 PSI LOW PRESSURE AND 2000 HIGH PRESSURE FOR 5 MINUTES EACH.

300 SACKS OF LEAD ( PREMIUM PLUS ) MIXED TO 11.1 PPG AT 6 BPM WITH 95 PSI

150 SACKS OF TAIL ( PREMIUM PLUS ) MIXED TO 13.2 PPG AT 6 BPM WITH 80 PSI

PUMPED FRESH WATER TO CLEAR CEMENTING LINES TO PITS. DROPPED TOP PLUG AND PUMP 48.3 BBLs DISPLACEMENT AT 5.8 BPM.

BUMP PLUG. HELD PRESSURE FOR 20 MINUTES. FLOAT EQUIPMENT, HOLDING.

JET PITS, KEEP CASING CHAINED DOWN FOR 3 HOURS. NIPPLE DOWN BOP EQUIPMENT. RIG RELEASED AT 00:00 HOURS ON 5/20/08