

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
2007 AUG 17 PM 1:55

WELL API NO. 30-021-20366
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. L0-5889
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1833
8. Well Number 162
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 <input type="checkbox"/>	7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1833
2. Name of Operator OXY USA Inc.	8. Well Number 162
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250	9. OGRID Number 16696
4. Well Location Unit Letter <u>K</u> : <u>1700</u> feet from the <u>south</u> line and <u>1700</u> feet from the <u>west</u> line Section <u>16</u> Township <u>18N</u> Range <u>33E</u> NMPM County <u>Harding</u>	10. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 640
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4714'	
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 NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE David Stewart TITLE Sr. Regulatory Analyst DATE 8/14/07

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 8/22/07

Conditions of Approval, if any:

BDCDGU 1833-162

Date: 07/18/2007

Supervisor 1: SHANNON RICE

MIRU, PRESPUD SAFETY MEETING

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 6.6' TO 290'. USING 10 K AVERAGE WOB, 100 ROTARY RPM'S, 359 GPM @ 700 PUMP PSI.

WIRELINE SURVEY @ 261' - .5 DEGREES, CIRCULATE TO CONDITION HOLE

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 290' TO 522'. USING 10 K AVERAGE WOB, 100 ROTARY RPM'S, 359 GPM @ 700 PUMP PSI.

WIRELINE SURVEY @ 494' - .75 DEGREES

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 522' TO 715'. USING 21 K AVERAGE WOB, 100 ROTARY RPM'S, 359 GPM @ 700 PUMP PSI.

CIRCULATE TO CONDITION HOLE AND DROP TOTCO

Date: 07/19/2007

Supervisor 1: SHANNON RICE

TOH, FIRST 150' TIGHT, TIH, CIRCULATE, TRIP OUT OF HOLE, SAFETY MEETING

RUN (8.625), (24.00), (J-55), (ST&C) CASING FROM 6.60' TO 705.00' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (TEXAS PATTERN) SHOE (704.50' TO 705.20') - 1 JOINTS CSG. INSERT FLOAT (661.02') - 16 JOINTS CSG.

5 CENTRALIZER FROM 140.00' TO 704.0

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

PUMP 20 BBL FRESH WATER AHEAD.

400 SACKS OF (PREMIUM PLUS 2% CACL) MIXED TO 14.8 PPG AT 5 BPM WITH 100 PSI AND

DROPPED TOP PLUG. DISPLACED CEMENT WITH 42 BBL (FRESH WATER) USING HALLIBURTON AT 5 BPM WITH 350 PSI FINAL DISPLACEMENT

PRESSURE. BUMPED PLUG WITH 450 PSI. HELD PRESSURE FOR 1 MINUTES. BLED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING. CIRCULATED 42

SACK CEMENT TO SURFACE. PLUG DOWN AT 10:51 HOURS ON 07/18/2007.

WAIT ON CEMENT

NIPPLE UP BOP EQUIPMENT, WORK ON WELD 8 5/8" BLOW LINE RISER 1" COUPLER BOP

TRIP IN HOLE AND TAG CEMENT AT 659', PREJOB SAFETY MEETING

TEST CASING TO 33% BURST PRESSURE 1000 PSI, HOLD FOR 30 MINUTES, BLED OFF TO 950 PSI, TEST GOOD. SECOND TEST TO 1000 PSI OUTSIDE BOP VALVES, HELD FOR 10 MINUTES.

TRIP OUT OF HOLE, PICK UP STABILIZERS, TRIP IN HOLE (DESPITE WRITTEN 24 HR GAMEPLAN HANDED TO TOOLPUSHER & POSTED IN DOGHOUSE)

TIH WITH BIT & STABILIZERS

DRILLED CEMENT AND PLUG FROM 659' TO 715'. USING 22 K AVERAGE WOB, 45 ROTARY RPM'S, 359 GPM @ 700 PUMP PSI.

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 715' TO 1001'. USING 22 K AVERAGE WOB, 70 ROTARY RPM'S, 359 GPM @ 700 PUMP PSI.

Date: 07/20/2007

Supervisor 1: B. J. KENNEDY

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1001' TO 1033'. USING 25 K AVERAGE WOB, 80 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI.

WIRELINE SURVEY @ 1033' - MISRUN.

WIRELINE SURVEY @ 1033' - .75 DEGREES

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1033' TO 1338'. USING 25 K AVERAGE WOB, 80 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI.

LOST CIRCULATION @ 1338', MIX LCM PILL, 13 #/BBL

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1338' TO 1353'. USING 25 K AVERAGE WOB, 80 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI.

LOST CIRCULATION @ 1338', MIX LCM PILL, 18#/BBL

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1353' TO 1440'. USING 25 K AVERAGE WOB, 80 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI.

MIX MUD, 20#/BBL. TRIP OUT OF HOLE TO SURFACE PIPE. BUILD VOLUME, MIX MUD, 20#/BBL. TRIP IN HOLE TO BOTTOM

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1440' TO 1491'. USING 25 K AVERAGE WOB, 80 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI. FILL HOLE WITH LCM PILL AT 1440'

TRIP OUT OF HOLE TO 1251'. WAIT ON LOST CIRCULATION ZONE TO HEAL. TRIP IN HOLE TO BOTTOM

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1491' TO 1553'. USING 25 K AVERAGE WOB, 80 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI.

CIRCULATE TO CONDITION HOLE. TRIP OUT OF HOLE TO SURFACE PIPE. WAIT ON HALLIBURTON

Date: 07/21/2007

Supervisor 1: B. J. KENNEDY

WAIT ON HALLIBURTON. TRIP OUT OF HOLE, LAY DOWN REAMERS. TRIP IN HOLE. WORK ON SUMP PUMP

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1553' TO 1616'. USING 35 K AVERAGE WOB, 80 ROTARY RPM'S, 243 GPM @ 750 PUMP PSI.

WIRELINE SURVEY @ 1584' - .75 DEGREES

DRILLED 7 7/8" VERTICAL PRODUCTION HOLE FROM 1616' TO 1783'. USING 35 K AVERAGE WOB, 90 ROTARY RPM'S, 255 GPM @ 750 PUMP PSI. LOST ALL RETURNS

TRIP OUT OF HOLE TO 1090' - CHECK CROWN-O-MATIC. MIX 100 BBL OF 20#/BBL LCM PILL AND PUMP

WAIT ON LOST CIRC ZONE TO HEAL - MIX 100 BBL OF 20#/BBL LCM PILL FOR VOLUME

IDLE PUMP FOR 7 MIUNTES TO GET SMALL AMOUNT OF RETURNS, LOST ALL CIRCULATION

MIX 100 BBL OF 25#/BBL LCM PILL. TRIP IN HOLE TO 1783' (TD). PUMP PILL - NO RETURNS. TRIP OUT OF HOLE WITH 20 JOINTS TO 1190'

MIX 100 BBL OF 25#/BBL LCM PILL AND PUMP. WAIT ON LCM PILL TO HEAL LOST CIRCULATION

Date: 07/22/2007

Supervisor 1: B. J. KENNEDY

WAIT ON LCM PILL TO HEAL LOST CIRCULATION

MIX 100 BBLS 25#/BBL LOST CIRCULATION PILL, PUMP PILL, NO RETURNS

FILL RESERVE PITS FOR DRY DRILLING. TIH WITH BIT #2

DRY DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 1783' TO 1900'. USING 30 K AVERAGE WOB, 90 ROTARY RPM'S, 261 GPM @ 750 PUMP PSI.

PUMP TO CLEAN UP WELL. LAY DOWN DRILL PIPE. REPAIR BOOM ARM CONTROL

LAY DOWN DRILL COLLARS, ROLL COLLARS TO OFFSIDE PIPE RACKS. PICKUP AND RUN OPENENDED DP TO 1865'

SAFETY MEETING WITH HALLIBURTON, SPOT 53 SX CLASS H 13.5#/GAL 1.91 YIELD CEMENT PLUG 1884.60' TO 1583.29', DISPLACED CEMENT WITH 22 BBLS OF FRESH WATER, WELL ON VACUUM NO CIRCULATION

LAYDOWN 10 JTS DP

SPOT 53 SX CLASS H 13.5#/GAL 1.91 YIELD CEMENT PLUG, 1570.50' TO 1269.19', DISPLACED CEMENT WITH 18 BBLS OF FRESH WATER, WELL ON VACUUM NO CIRCULATION

LAYDOWN 10 JTS DP

SPOT 54 SX CLASS H 13.5#/GAL 1.91 YIELD CEMENT PLUG, 1256.40' TO 949.41', DISPLACED CEMENT WITH 13.8 BBLS OF FRESH WATER, WELL ON VACUUM NO CIRCULATION

LAYDOWN DRILL PIPE. WOC

Date: 07/23/2007

Supervisor 1: B. J. KENNEDY

WAIT ON CEMENT

PUMP 40 BBLS FRESH WATER TO FILL HOLE, WAIT 30 MIN, TOOK 20 BBLS TO FILL HOLE

TRIP IN HOLE WITH OPEN ENDED DRILL PIPE TAG CEMENT @ 1256'

BREAK CIRCULATION, WAIT 30 MINUTES, TOOK 1.5 BBLS TO FILL HOLE

TRIP OUT OF HOLE WITH OPEN ENDED DP. ROLL DRILL COLLAR IN PIPE BASKETS

TRIP IN HOLE WITH BIT, 20 DC, AND DP, TAG CEMENT @ 1256'

DRILLED LOST CIRCULATION CEMENT IN HOLE FROM 1256' TO 1648'. USING 10 K AVERAGE WOB, 60 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI. CIRCULATE BOTTOMS UP AFTER EACH CONNECTION

Date: 07/24/2007

Supervisor 1: B. J. KENNEDY

DRILLED LOST CIRCULATION CEMENT IN HOLE FROM 1648' TO 1802'. USING 10 K AVERAGE WOB, 70 ROTARY RPM'S, 362 GPM @ 750 PUMP PSI. CIRCULATE BOTTOMS UP AFTER EACH CONNECTION. LOST RETURNS

TRIP OUT OF HOLE TO SURFACE CASING. MIX 300 BBLS 27#/BBL LCM PILL. TRIP IN HOLE TO 1802'

PUMP LCM PILL - NO CIRCULATION

TRIP OUT OF HOLE, ROLL DRILL COLLAR ON TO OFFSIDE RACKS

TRIP IN HOLE WITH OPEN ENDED DRILL PIPE, TAG @ 1747', PUMP UNABLE TO WASH DOWN, LAY DOWN 1 JOINT OF DRILL PIPE, DRILL PIPE LANDED @ 1727'

SAFETY MEETING, RIG UP HALLIBURTON, SPOT 36 SX CEMENT FROM 1727' TO 1527', DISPLACE CEMENT WITH 21.5 BBL FRESH WATER

TRIP OUT OF HOLE, END OF DRILL PIPE @ 817'

RIG UP HALLIBURTON, SPOT 39 SX CEMENT FROM 817' TO 617', DISPLACE CEMENT WITH 8.2 BBL FRESH WATER

LAYDOWN OPENENDED DP. JET CELLAR, ND BOP, CLEAN PITS. RIG RELEASED @ 23:00 07/23/2007

WELL UNDER OPERATIONS REVIEW FOR FUTURE COMPLETION