

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 87401
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 3:51

WELL API NO. 30-021-20405
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 191
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>19</u> Township <u>19N</u> Range <u>32E</u> NMPM County <u>Hendling</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>4591.8'</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 <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 10/14/08
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 1932-191

Date: 05/21/2008

WAIT FOR RIG MOVERS TO HOLD A PJSM ON LOCATION .

HOLD PJSM WITH RIG CREW AND RIG MOVERS & CO/MAN .

RD & MOVE & RU ON BDU 1932-191G LOCATION & MIX SPUD MUD . STRAP 8.625" CASING & DRIFT . STRAP BHA # 1 .

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

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 11' TO 448' USING 25-30K AVERAGE WOB, 80 ROTARY RPM'S 370 GPM @ 500 PUMP PSI. SPUD WELL @ 2230 ON 05/20/2008 .

SURVEY @ 498' 2.0 * DEG

LOWERED ROTARY SPEED TO 60 RPM AND REDUCED WOB TO 20-25K TO TRY TO REDUCE INCLINATION

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 11' TO 600' USING 15-20K AVERAGE WOB, 80 ROTARY RPM'S 370 GPM @ 500 PUMP PSI.

Date: 05/22/2008

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 600' TO 725' USING 25-30K AVERAGE WOB, 80 ROTARY RPM'S 370 GPM @ 500 PUMP PSI. TD SURFACE HOLE @ 08:00 05/21/2008

CIRCULATE AND CONDION HOLE FOR CASING. PUMP 60 BBLS OF 80 VIS PILL TO SWEEP HOLE. JSA MEETING ON TRIP OUT OF HOLE. AFTER CIRC & COND

POOH TO RUN 8.625" CSG

PJSM: & RU ALLENS CSG EQUIPMENT ON RIG FLOOR .

RUN (8.625), (24.00), (J-55), (ST&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'

CIRCULATE,& 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 14:23 HOURS ON 05/21/2008

WOC 4 HOURS BEFORE BACKING OFF LANDING JOINT. START MIXING MUD IN RIG TANKS. MI SWACO MUD ENG ON LOCATION .

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

PU BHA AND RIH TO TAG CEMENT. BREAK CIRCULATION AND CIRCULATE +/- 15 BBLS. CLOSE ANNULAR AND OPEN LARGE BYPASS VALVE ON CHOKE MANIFOLD.

CIRCULATE +/- 2 BBLS TO MAKE SURE RETURNS COME OUT RETURN LINE ON CHOKE MANIFOLD.

TEST BLINDS, CHOKE MANIFOLD AND 4" CHOKE LINE GATE VALVE WITH 250 PSI LOW (5 MIN) AND 1000 PSI HIGH (30 MIN) (TEST GOOD)

BLEED OFF PRESSURE, OPEN ANNULAR AND LINE UP CHOKE MANIFOLD VALVES FOR DRILLING.

DRILL OUT CEMENT AND CASING SHOE.

Date: 05/23/2008

DRILL CEMENT @735' & PLUG & 10' OF FORMATION.

PERFORMED F. I. T. TEST TO 250 PSI AT 735' T.V.D. USING 8.4 PPG MUD. EQUIVALENT MUD WEIGHT = 14.9 PPG

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 735' TO 1135' USING 15 K AVERAGE WOB, 80 ROTARY RPM'S , 450 GPM @ 950 PUMP PSI (DRILL OVER SHAKER PIT)

RECORD SURVEY AT 1103' MD. SURVEY 3.5 DEG INCLINATION.

DRILLING FROM 1135' TO 1167'

RE-RUN WIRELINE SURVEY - TOOL NOT BELIEVED TO HAVE BEEN LAYING ON ONE SIDE. SURVEY 1.5 DEGREES.

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 1167' TO 1397" USING 15 K AVERAGE WOB, 80 ROTARY RPM'S , 450 GPM @ 950 PUMP PSI

#1 PUMP FAILED, SWITCH OVER TO #2 PUMP AND IT ALSO FAILED. CHANGING SWABS ON #1. ROTATING AND RECIPROCATING PIPE DURING REPAIR WITH NO CIRCULATION.

Date: 05/24/2008

FINISH REPAIR #1 PUMP

DRILLING FROM 1460' TO 1514' WOB 10-15 RPM 80-110 SPM 65 PSI 500 AVG ROP 21.6 FT/HR

CIRCULATE & CONDITION -DROP SURVEY @ 1514'

PULL OUT OF HOLE FOR BIT (DISCOVERED WASHOUT 22 JOINTS OUT) CONTINUED PULL OUT OF HOLE FOUND 4 BROKEN CUTTERS,WEAR ON GAUGE CUTTERS, 2 BIT EYES PLUGGED, NO EXCESS DRAG ON TRIP OUT, TOOK PROPER FILL

CHANGE BITS & TRIP IN HOLE WITH BIT #3 NO EXCESS FILL

DRILLING FROM 1514' TO 2116' WOB 10-15 RPM 110 SPM 65 PSI 1000

WIRELINE SURVEY @ 2116' 1.0 DEG

DRILLING FROM 2116' TO TD@ 2290'. INCREASE WOB 15-20 TO TRY FOR BETTER ROP. RPM 110 SPM 66 PSI 1000

Date: 05/25/2008

DRILL F/2285 T/2290. WOB 15, RPM 110, 66 SPM, 450 GPM, PSI 1000

CIRCULATE AND CONDITION MUD. TOOH TO RUN LOGS. REPAIR BOOM JAWS

FINISH TOOH F/2290' T/2315'. RIG UP HALLIBURTON WIRELINE LOGGING UNIT. LOGGING - 2 RUNS

RU CASING HANDLING TOOLS

RUN 5.5" 17# J-55 CASING TO 2305'

LAND 5.5" CASING @2305', CIRCULATE TO CONDITION MUD, RU CEMENTING UNIT

Component Name	Jts	Length (ft)	Nominal OD (in)	Nominal ID (in)	Weight (ppf)	Grade	Connection	Top MD (ft)	Btm MD (ft)
CASING JOINT(S)	72	2,098.50	5.460	4.740	15.50	UNKNOWN	10RD	15.0	2,113.50
CASING JOINT(S)	4	175.72	5.500	4.800	15.50	J-55	8RD	2,113.5	2,289.2
INSERT FLOAT	1	0.01	4.500	1.500	15.50	J-55	8RD	2,289.2	2,289.2
SHOE JOINT	1	13.11	5.500	4.950	15.50	J-55	8RD	2,289.2	2,302.3
FLOAT SHOE	1	0.89	5.500	4.950	15.50	J-55	8RD	2,302.3	2,303.2

Date: 05/26/2008

CIRCULATE & CONDITION MUD FOR CEMENTING

CEMENT & DISPLACE :LEAD CEMENT - 11.1PPG MIDCON-2PREMIUM PLUS 300 SACKS, TAIL CEMENT 13.2PPG MIDCON PLUS 150 SACKS BUMP PLUG @09:00 HRS 05/25/2008 WITH 650 PSI HELD 5 MINUTES BLED OFF FLOATS HELD WITH 1/2 BBL BACK PRESSURE BACK UP TO 500 PSI. CIRCULATED 135.6 SKS TO PIT ✓

Fluid Type	Slurry Type	Class	Density (ppg)	Yield (ft ³ /sk94)	Mix Water Ratio (gal/sk94)	Actual Sacks
FRESH WATER	SPACER	8.33				
LEAD CEMENT	CEMENT	PREM PLUS	11.10	3.2700	20.470	300.00
TAIL CEMENT	CEMENT	PREM PLUS	13.20	1.8600	9.940	150.00
FRESH WATER	DISPLACEMENT	8.33				

WAIT ON CEMENT. NIPPLE DOWN BOP / RELEASE RIG 05/25/2008

NIPPLE DOWN BOP / RELEASE RIG 05/25/2008