

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

2008 OCT 17 AM 11:54

WELL API NO. 30-021-20402
Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
State Oil & Gas Lease No. 54
7. Lease Name or Unit Agreement Name: Bravo Dome Carbon Dioxide Gas Unit 1932
8. Well Number 221
9. OGRID Number 16696
10. Pool name or Wildcat Bravo Dome Carbon Dioxide Gas 640
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4606.3'
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>F</u> : <u>1700</u> feet from the <u>north</u> line and <u>1700</u> feet from the <u>west</u> line Section <u>22</u> Township <u>19N</u> Range <u>32E</u> NMPM County <u>Handling</u>

11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4606.3'

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 10/10/08

Type or print name David Stewart

E-mail address: david_stewart@oxy.com
Telephone No. 432-685-5717

For State Use Only

APPROVED BY Ed Martin TITLE DISTRICT SUPERVISOR DATE 10/17/08

Conditions of Approval, if any:

BDCDGU 1932-221

Date: 04/10/2008

MIX SPUD MUD. CHANGE SWIVEL THROTTLE. PICK UP BHA.

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 11' TO 350' USING 15 K AVERAGE WOB, 80 ROTARY RPM'S , 469 GPM @ 500 PUMP PSI.

STRAIGHTEN DRILLING LINE ON DRUM.

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 350' TO 420' USING 20 K AVERAGE WOB, 80 ROTARY RPM'S , 469 GPM @ 500 PUMP PSI.

Date: 04/11/2008

SURVEY @ 414' = 1.00 DEGREE. FILL STEEL PITS

FILL STEEL PITS

DRILLED 12 1/4" VERTICAL SURFACE HOLE FROM 420' TO 722' USING 30 K AVERAGE WOB, 85 ROTARY RPM'S, 469 GPM @ 800 PUMP PSI.

CIRCULATE - FILL STEEL PITS. TOH

RIG UP CASING RUNNING TOOLS

RUN (8.625), (24.00), (J-55), (ST&C) CASING FROM 11' TO 722.00' TORQUE CONNECTIONS TO 2440 AVERAGE FT/LBS AS FOLLOWS:

1 (GUIDE) SHOE (711.14' TO 712.00') - 1 JOINTS CSG. - 1 FLOAT COLLAR (666.54' TO 667.44')

15 JOINTS CSG. - 1 LANDING JOINT - 5 CENTRALIZERS FROM 11.00' TO 702.0'.

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TESTED CEMENTING LINES TO 2000 HIGH PRESSURE FOR 3 MINUTES.

PUMP 20 BBL'S FRESH WATER AHEAD.

400 SACKS OF LEAD (PREMIUM PLUS 3% CACL, 1#/SX PHENO SEAL) MIXED TO 14.8 PPG AT 6 BPM WITH 110 PSI AND DROPPED TOP PLUG.

DISPLACED CEMENT WITH 43.3 (FRESH WATER) USING HALLIBURTON AT 6 BPM WITH 260 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 700 PSI.

HELD PRESSURE FOR 2 MINUTES. BLEED OFF .5 BBL RETURNS. FLOAT EQUIPMENT HOLDING.

CIRCULATED 54 SACK CEMENT TO SURFACE. PLUG DOWN AT 22:44 HOURS ON 04/10/2008. WOC

BACK OUT LANDING JOINT, NIPPLE UP WELLHEAD EQUIPMENT AND BOP

Date: 04/12/2008

NU BOP, CHOKE MANIFOLD, REBUILD ACCUMULATOR LINES

SERVICE RIG, CHANGE OIL IN ALL MOTORS

TEST BOP EQUIPMENT WITH 250 PSI LOW AND 1000 PSI HIGH FOR 50 MIN EACH.

1. BLINDS, INSIDE 4" VALVE, 2" CHECK VALVE.

2. BLINDS, 2" CHOKE VALVES, OUTSIDE 4" VALVE, 2" KILL LINE VALVE.

3. BLINDS, 2" OUTSIDE CHOKE VALVES, OUTSIDE 4" VALVE, 2" KILL LINE VALVE.

PICK UP BIT AND BHA. TWO IBS'S AT 30' AND 60'

TIH, TAG CEMENT AT 646'

TEST HYDRILL AND CASING TO 1000 PSI HIGH AND 250 PSI LOW AND TEST PIPE RAMS TO 1000 PSI HIGH AND 250 PSI LOW

DRILL CEMENT, FLOAT COLLAR, SHOE JOINT, GUIDE SHOE AND FORMATION 722' TO 724'

PERFORMED F. I. T. TEST TO 229 PSI AT 724' T.V.D. USING 8.4 PPG MUD. EQUIVALENT MUD WEIGHT = 14.49 PPG

SHAKER SCREEN MOUNT CAME UNBOLTED

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 944' TO 1009' WITH 10-15K WT, 85 RPM, 60SPM. 403 GPM, 900 PSI

Date: 04/13/2008

LOST ALL RETURNS @ 1009', MIX 5LBS/BBL LCM, GOT BACK FULL RETURNS

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 1009' TO 1103' WITH 5-10K WT, 85 RPM, 65SPM. 436 GPM, 1200 PSI

UNABLE TO MAKE BIT DRILL

CIRCULATE

JSA, TOH, BIT IN VERY GOOD CONDITION, CHIPPED CUTTERS ON SIDE, 4 JETS PLUGGED WITH LCM

SERVICE RIG

CIRCULATE PITS OVER SHAKER

MIX GEL AND STARCH TO GET SYSTEM TO A 45 VIS

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 1103' TO 1262' WITH 20-30K WT, 60 RPM, 65SPM. 436 GPM, 1000 PSI

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 1262' TO 1440' WITH 25-35K WT, 60 RPM, 65SPM. 436 GPM, 1000 PSI

Date: 04/14/2008

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 1440' TO 1609' WITH 25-35K WT, 65 RPM, 63 SPM. 423 GPM, 1200 PSI

SURVEY @ 1609' = 2 DEGREE

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 1609' TO 1700' WITH 35K WT, 65 RPM, 63 SPM. 423 GPM, 1200 PSI

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 1700' TO 1927' WITH 35K WT, 65 RPM, 63 SPM. 423 GPM, 1200 PSI

SURVEY @ 1896' = 2 DEGREE

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 1927' TO 1990' WITH 35K WT, 65 RPM, 63 SPM. 423 GPM, 1200 PSI

Date: 04/15/2008

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 1990' TO 2113' WITH 30-35K WT, 85 RPM, 65 SPM. 436 GPM, 1200 PSI
CLEAN SHALE PITS, SWIVEL PUMP GOING OUT

TRIP BIT INTO SURFACE CASING

WAIT ON MECHANIC TO CHANGE SWIVEL PUMP, RIG CREW REPLACED SWIVEL MOTORS

REPLACE SWIVEL PUMP

CONDITION MUD

Date: 04/16/2008

DRILL 7 7/8" VERTICAL PRODUCTION HOLE FROM 2113' TO 2357' (TD) WITH 38K WT, 85-90 RPM, 64 SPM. 429 GPM, 1200 PSI
CIMARRON FORMATION 2155' TO 2172'

CIRCULATE

LAY DOWN DRILL STRING

NIPPLE DOWN FLOWLINE

PJSM, RIG UP HALLIBURTON LOGGERS

LOGGING, LOGGERS TD 2358'

RIG DOWN LOGGERS

RIG UP CASING RUNNING TOOLS

Date: 04/17/2008

COMPLETE RU CASING TOOLS, WAIT ON AUTO FILL TUBE FOR INSERT FLOAT

RUN 5 1/2" 15.5# J-55 CASING FROM 11' TO 2347.58'

1 GUIDE SHOE (2346.87' TO 2347.58') - 1 STEEL SHOE JOINT WITH INSERT FLOAT AT 2336.67'

4 JOINTS 5 1/2" STEEL 2162.84' TO 2336.67' - 74 JOINTS FIBER GLASS CSG - 1 STEEL LANDING JOINT

5 CENTRALIZERS FROM 2162.84' TO 2336.67'.

MIXED AND PUMPED CEMENT JOB WITH HALLIBURTON CEMENTERS AS FOLLOWS:

TESTED CEMENTING LINES TO 250 PSI LOW PRESSURE AND 2500 HIGH PRESSURE FOR 5 MINUTES EACH.

PMP 337 SACKS OF LEAD (PREMIUM PLUS) MIXED TO 11.1 PPG AT 6 BPM WITH 215 PSI

CEMENT STARTED CIRCULATING AFTER 337 SX OF LEAD CEMENT, SWITCH TO TAIL CEMENT

150 SACKS OF TAIL (PREMIUM PLUS) MIXED TO 13.2 PPG AT 6 BPM WITH 160 PSI

DROPPED TOP PLUG. PUMPED 10 BBLS WATER TO CLEAR CEMENTING LINES TO PITS.

DISPLACED CEMENT WITH 50 BBLS FRESH WATER USING HALLIBURTON AT 6 BPM WITH 620 PSI FINAL DISPLACEMENT PRESSURE. BUMPED PLUG WITH 1100 PSI.

WHEN PLUG BUMPED, CASING JUMPED AND PRESSURE FELL TO 318 PSI. BLED BACK 2 BBL, FLOWBACK DID NOT STOP, PUMPED 2 BBLS BACK IN TO CASING. SHUT WELL IN. CIRCULATED 171 SACK CEMENT TO SURFACE. PLUG DOWN AT 16:10 HOURS ON 04/16/2008. WOC

OPEN CEMENT HEAD, NO PRESSURE ON CASING, PRESURE TEST CASING TO 350# FOR 10 MINUTES, LOST 50 PSI, RIG DWN CMT HEAD

NIPPLE DOWN BOP, RIG RELEASED @ 23:00 04/16/2008