

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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.)		WELL API NO. <u>30-059-20532</u>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <u>Oxy USA Inc.</u>		6. State Oil & Gas Lease No.
3. Address of Operator <u>PO Box 4294, Houston TX 77210</u>		7. Lease Name or Unit Agreement Name <u>Bravo Dome 2433</u>
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>22</u> Township <u>24N</u> Range <u>33E</u> NMPM County <u>UNION</u>		8. Well Number <u>221</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>5263.3</u>		9. OGRID Number <u>16696</u>
		10. Pool name or Wildcat <u>Bravo Dome 640</u>

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 COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ P AND A ☐
CASING/CEMENT JOB ☒

OTHER: ☐

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attached

Spud Date:

9/3/11

Rig Release Date:

9/18/11

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

L. Lockett

TITLE

Reg. Analyst

DATE

3/28/12

Type or print name
For State Use Only

L. Kiki Lockett

E-mail address:

kiki-lockett@oxy.com

PHONE:

713-215-7643

APPROVED BY:

Ed Martin

TITLE

DISTRICT SUPERVISOR

DATE

7/16/2012

Conditions of Approval (if any):

Operation Summary Report

Well: BRAVO DOME UNIT 2433 221G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Sec. Reason:

Dates of Event: 09/03/2011 - 09/08/2011

Rig Name: TRINIDAD 216

#	Date	Time Start-End	Hrs	Op Code	Op Sub	Op Type	Op Details
1	09/03/2011	00:00 - 06:00	6.00	WAIT	OTH	PT	WAIT ON DAYLIGHTS FOR TRUCK TO MOVE RIG TRUCKS SCHEDULED FOR 07:00
		06:00 - 07:00	1.00	WAIT	OTH	PT	WAIT ON DAYLIGHTS FOR TRUCK TO MOVE RIG
		07:00 - 11:00	4.00	LOCM OV	MOVE	P	PJSM - WITH CREW AND RIG MOVERS MOVE TO BDU 2433 221G CONTACTED ED MARTIN @ NMOCD @ 14:00 09/02/2011 SAFETY BREAK: SEAT BELTS HELD ANOTHER SAFETY MEETING ON NEW LOCATION
		11:00 - 15:00	4.00	LOCM OV	RU	P	SUB-STRUCTURE SET & DRAW-WORKS & UNIT PINNED & DERRICK RAISED @ 12:30. FINISHED SETTING IN RIG & COMPONENTS BY 13:00, TRUCKS FINISHED SETTING IN THE RIG BY 13:30, AND WERE OFF LOCATION. VERY GOOD RIG MOVE. CONTINUED RIGGING UP RIG. CONTACTED ED MARTIN @ NMOCD @ 14:00 09/02/2011 SAFETY BREAK: STAYING FOCUSED SAFETY BREAK: RIGGING UP & JOB FOCUS
		15:00 - 17:00	2.00	LOCM OV	RU	P	PERFORMED RIG INSPECTION & ACCEPTED RIG ON DAY-WORK CONTRACT @ 16:30 HOUR 9/3/11 PREP RIG FOR SPUD, STRAP BHA, FILL WATER TANKS, FILL PITS HALF FULL AND MIX SPUD MUD
		17:00 - 21:00	4.00	DRILL	ROTVR	P	PJSM WITH CREW PRE SPUD SAFETY MEETING SPUDDER 12 1/4" HOLE @ 17:00 HRS 9/3/11 DRILL FROM: 0' TO 266,' CUT 266' @ 67' / HR. ROTARY - 68 RPM WT. ON BIT - 10-15 K GPM - 358 PUMP PRES. - 812PSI SAFETY BREAK: PINCH POINTS
		21:00 - 00:00	3.00	DRILL	ROTVR	P	DRILL FROM: 266' TO 340,' CUT 74' @ 25' / HR. ROTARY - 68 RPM WT. ON BIT - 10-15 K GPM - 358 PUMP PRES. - 812PSI SAFETY BREAK: MIXING CHEMICALS
2	09/04/2011	00:00 - 04:00	4.00	DRILL	ROTVR	P	DRILL FROM: 340' TO 470,' CUT 130' @ 33' / HR. WIRELINE SURVEY @ 411' = .500 ROTARY - 68 RPM WT. ON BIT - 10-15 K GPM - 358 PUMP PRES. - 812PSI SAFETY BREAK: PICKING TUBULARS UP TO THE FLOORS
		04:00 - 06:00	2.00	DRILL	ROTVR	P	DRILL FROM: 470' TO 549,' CUT 79' @ 40' / HR. ROTARY - 68 RPM WT. ON BIT - 15-20 K GPM - 358 PUMP PRES. - 812PSI SAFETY BREAK: MAKING CONNECTIONS

Operation Summary Report

Well: BRAVO DOME UNIT 2433 221G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Sec. Reason:

Dates of Event: 09/03/2011 - 09/08/2011

Rig Name: TRINIDAD 216

#	Date	Time Start-End	Hrs	Op Code	Op Sub	Op Type	Op Details
		06:00 - 10:00	4.00	DRILL	ROTVR	P	DRILL FROM: 549' TO 731', CUT 182' @ 46' / HR. ROTARY - 68 RPM WT. ON BIT - 20-25 K GPM - 358 PUMP PRES. - 845PSI SAFETY BREAK: WORKING IN HOT CONDITIONS / STAYING HYDRATED
		10:00 - 11:00	1.00	DRILL	ROTVR	P	DRILL FROM: 731' TO 771', CUT 40' @ 40' / HR. TD WELL ROTARY - 68 RPM WT. ON BIT - 25-30 K GPM - 358 PUMP PRES. - 865PSI SAFETY BREAK: TRIPPING PIPE BUFFERS ZONES
		11:00 - 12:00	1.00	CIRC	CNDHOL	P	CIRCULATE & CONDITION HOLE FOR SURFACE CASING JOB
		12:00 - 13:30	1.50	TRIP	DRILL	P	PJSM WITH CREW DROP TOTCO AND TOH TO RUN 8 5/8" SURFACE CASING SAFETY BREAK: TRIPPING PIPE
		13:30 - 14:00	0.50	CSG	RIGUP	P	PREPARE RIG TO RUN 8.625 CASING, ROLL PIPE
		14:00 - 16:00	2.00	CSG	RUNCSG	P	PJSM - RUNNING SURFACE CASING RAN 8 5/8" SURFACE CASING AS FOLLOWS: 1 - TEXAS PATTERN SHOE SET @ 751.12' 1 - 8 5/8", 24#, STC, J - 55, SHOE JOINT WITH INSERT FLOAT SET @ 706.7' 16 - JOINTS OF 8 5/8", 24#, J-55, STC 1 - LANDING JOINT CASING RAN VERY WELL W/NO PROBLEMS
		16:00 - 17:00	1.00	CIRC	CNDHOL	P	RIG UP HALCO, CIRCULATE & CONDITION HOLE FOR CEMENTING 8 5/8" SURFACE CASING. PJSM: RIG UP HALCO AND CREW
		17:00 - 18:00	1.00	CMT	PRIM	P	PJSM - TEST LINES TO 2,500 PSI CEMENT AS FOLLOWS: PUMP 20 BBL SPACER PUMP 500 SACKS OF LEAD, 120 BBLs, MIXED TO 14.8PPG, 1.35 YELD AT 7 BPM WITH 200 PSI DROPPED PLUG & DISPLACED CEMENT WITH 44 BBLs FRESH WATER USING HALLIBURTON PUMP TRUCK AT 6 BPM WITH 250 PSI FINAL DISPLACEMENT PRESSURE. BUMP PLUG @ 17:38 PRESSURE TO 569 PSI. HELD PRESSURE FOR 10 MINUTES. FLOAT HELD. CIRCULATE (229 SKS, 55 BBLs) TO PIT
		18:00 - 22:00	4.00	CMT	WOC	P	WAIT ON CEMENT MANDATORY 4 HOURS.
		22:00 - 00:00	2.00	BOP	RUBOP	P	PJSM- REMOVE LANDING JOINT. SCREW ON HEAD AND FLANGE. NIPPLE UP BOP. SECURE BOP
3	09/05/2011	00:00 - 00:30	0.50	BOP	RUBOP	P	CONTINUE NIPPLING UP: SAFETY BREAK: PROPER PLACEMENT OF BODY WHEN USING A HAMMER
		00:30 - 01:00	0.50	BOP	TSTBOP	P	TEST BOP 250 PSI LOW: TEST GOOD, TEST BOP 1000 PSI HIGH: TEST GOOD.
		01:00 - 02:00	1.00	BOP	RUBOP	P	CONTINUE NIPPLING UP: INSTALL BELL NIPPLE AND FLOWLINE.
		02:00 - 03:00	1.00	TRIP	BHA	P	PJSM- MAKE UP 7 7/8 BIT AND TRIP IN HOLE WITH BHA
		03:00 - 04:00	1.00	BOP	TSTBOP	P	TAG CEMENT @ 703'. TEST CASING TO 1000 PSI: TEST GOOD SAFETY BREAK: PICKING UP & HANDLING BHA & DRILL COLLARS
		04:00 - 05:00	1.00	DRLO UT	DOCMT	P	DRILL OUT CEMENT AND FLOAT EQUIPMENT F/ 703' TO 751'

Operation Summary Report

Well: BRAVO DOME UNIT 2433 221G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Sec. Reason:

Dates of Event: 09/03/2011 - 09/08/2011

Rig Name: TRINIDAD 216

#	Date	Time Start-End	Hrs	Op Code	Op Sub	Op Type	Op Details
		05:00 - 06:00	1.00	DRILL	ROTVR	P	DRILL FROM: 771' TO 860,' CUT 89' @ 89' / HR. CIRCULATE RESERVE ROTARY - 77 RPM WT. ON BIT - 15-20 K GPM - 358 PUMP PRES. - 940 PSI SAFETY BREAK: MAKING CONNECTIONS
		06:00 - 10:00	4.00	DRILL	ROTVR	P	DRILL FROM: 860' TO 1118,' CUT 258' @ 65' / HR. CIRCULATE RESERVE ROTARY - 80 RPM WT. ON BIT - 15-20 K GPM - 358 PUMP PRES. - 1000 PSI SAFETY BREAK: UNLOADING PIPE
		10:00 - 14:00	4.00	DRILL	ROTVR	P	DRILL FROM: 1118' TO 1395,' CUT 277' @ 69' / HR. WIRELINE SURVEY 1272' = 250 CIRCULATE RESERVE ROTARY - 80 RPM WT. ON BIT - 15-20 K GPM - 360 PUMP PRES. - 1050 PSI SAFETY BREAK: GENERAL HOUSEKEEPING
		14:00 - 18:00	4.00	DRILL	ROTVR	P	DRILL FROM: 1395' TO 1675,' CUT 280' @ 70' / HR. CIRCULATE RESERVE @ 1600' START CIRCULATING STEEL PITS ROTARY - 80 RPM WT. ON BIT - 25-30 K GPM - 360 PUMP PRES. - 1125 PSI SAFETY BREAK: MIXING MUD
		18:00 - 22:00	4.00	DRILL	ROTVR	P	DRILL FROM: 1675' TO 1836' CUT 161' @ 40' / HR. CIRCULATE STEEL PITS WIRELINE SURVEY @ 1770' = .75° ROTARY - 80 RPM WT. ON BIT - 30-35 K GPM - 360 PUMP PRES. - 1125 PSI SAFETY BREAK: USING HYDRALIC CATWALK
		22:00 - 00:00	2.00	DRILL	ROTVR	P	DRILL FROM: 1836' TO 1901' CUT 65' @ 32' / HR. CIRCULATE STEEL PITS ROTARY - 80 RPM WT. ON BIT - 30-35 K GPM - 360 PUMP PRES. - 1150 PSI SAFETY BREAK: PROPER USE OF STAIRS AND LADDERS

Operation Summary Report

Well: BRAVO DOME UNIT 2433 221G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Sec. Reason:

Dates of Event: 09/03/2011 - 09/08/2011

Rig Name: TRINIDAD 216

#	Date	Time Start-End	Hrs	Op Code	Op Sub	Op Type	Op Details
4	09/06/2011	00:00 - 04:00	4.00	DRILL	ROTVR	P	DRILL FROM: 1901' TO 1984' CUT 83' @ 21' / HR. CIRCULATE STEEL PITS ROTARY - 80 RPM WT. ON BIT - 25-30 K GPM - 360 PUMP PRES. - 1100 PSI SAFETY BREAK: CLEANING ON RIG
		04:00 - 06:00	2.00	DRILL	ROTVR	P	DRILL FROM: 1984' TO 2064' CUT 80' @ 40' / HR. CIRCULATE STEEL PITS TILL 2000' THEN SWITCH TO RESERVE PIT ROTARY - 80 RPM WT. ON BIT - 30-35 K GPM - 360 PUMP PRES. - 1125PSI SAFETY BREAK: GENERAL HOUSEKEEPING
		06:00 - 10:00	4.00	DRILL	ROTVR	P	DRILL FROM: 2064' TO 2253' CUT 189' @ 47' / HR. CIRCULATE RESERVE PIT ROTARY - 80 RPM WT. ON BIT - 30-35 K GPM - 360 PUMP PRES. - 1150 PSI SAFETY BREAK: WORKING IN HOT CONDITIONS / STAYING HYDRATED
		10:00 - 14:00	4.00	DRILL	ROTVR	P	DRILL FROM: 2253' TO 2395' CUT 142' @ 35' / HR. CIRCULATE RESERVE PIT ROTARY - 80 RPM WT. ON BIT - 30-35 K GPM - 360 PUMP PRES. - 1175 PSI SAFETY BREAK: WEARING ALL PPE WHILE MIXING MUD..
		14:00 - 18:00	4.00	DRILL	ROTVR	P	DRILL FROM: 2395' TO 2515' CUT 120' @ 30' / HR. CIRCULATE RESERVE PIT SWITCH TO STEEL PITS @ 2,400' ROTARY - 75 RPM WT. ON BIT - 30-35 K GPM - 360 PUMP PRES. - 1230 PSI SAFETY BREAK: MAKING CONNECTIONS
		18:00 - 22:00	4.00	DRILL	ROTVR	P	DRILL FROM: 2515' TO 2588' CUT 73' @ 18' / HR. TOP OF CIMARRON @ 2,579' MD CIMARRON DEPTH = 23' TOP OF TUBB @ = 2602' DRILL TUBB FORM. - 165' DRILL RATHOLE - 20' TD WELLBORE @ 2787' CIRCULATE STEEL PITS ROTARY - 67 RPM WT. ON BIT - 28 K GPM - 360 PUMP PRES. - 1297 PSI SAFETY BREAK: FALL PROTECTION

Operation Summary Report

Well: BRAVO DOME UNIT 2433 221G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Sec. Reason:

Dates of Event: 09/03/2011 - 09/08/2011

Rig Name: TRINIDAD 216

#	Date	Time Start-End	Hrs	Op Code	Op Sub	Op Type	Op Details
		22:00 - 00:00	2.00	DRILL	ROTVR	P	DRILL FROM: 2588' TO 2620' CUT 32' @ 16' / HR. CIRCULATE STEEL PITS ROTARY - 65 RPM WT. ON BIT - 30 K GPM - 360 PUMP PRES. -1300 PSI SAFETY BREAK: FORKLIFT OPERATIONS
5	09/07/2011	00:00 - 04:00	4.00	DRILL	ROTVR	P	DRILL FROM: 2620' TO 2762' CUT 142' @ 35' / HR CIRCULATE STEEL PITS ROTARY - 72 RPM WT. ON BIT - 30-35 K GPM - 360 PUMP PRES. -1350 PSI SAFETY BREAK: PULLING AND SETTING SLIPS
		04:00 - 05:00	1.00	DRILL	ROTVR	P	DRILLED 7 7/8" PROD. HOLE FROM: 2,762' TO 2,787' @ 27' FT / HR. TD WELL TD WELL BORE @ 2,787' @ 5:00 AM 9/7/2011 TOP OF CIMARRON @ 2,580' MD CIMARRON DEPTH = 17' TOP OF TUBB @ 2,598' DRILL TUBB FORM. - 170' DRILL RATHOLE - 20' TD WELLBORE @ 2,787' ROTARY - 80 RPM WT. ON BIT - 20K GPM - 400 PUMP PRESS - 1200 PSI SAFETY BREAK: LAY DOWN BHA
		05:00 - 06:00	1.00	CIRC	CNDHOL	P	CIRCULATE AND CONDITION HOLE
		06:00 - 08:30	2.50	TRIP	WIPER	P	PJSM - WIPER TRIP TO THE 8 5/8" CSG. SHOE & BACK TO TD.
		08:30 - 09:30	1.00	CIRC	CNDHOL	P	CIRCULATE & CONDITION HOLE FOR OPEN HOLE LOGS & 5 1/2" PROD. CSG.
		09:30 - 12:30	3.00	TRIP	DRILL	P	PJSM - T O H & LDDP & BHA TO RUN OPEN HOLE LOGS
		12:30 - 15:00	2.50	LOG	OHLOG	P	PJSM - RIG UP WEATHERFORD WIRE-LINE & R I H w/1st OPEN HOLE LOG. (GAMMA-RAY/CCL) LOG TAGGED BOTTOM @ 2,793' MD. @ 1:30 PM
		15:00 - 19:00	4.00	LOG	OHLOG	P	CONTINUE OPEN HOLE LOGGING w/2nd RUN, LOGS WENT VERY WELL NO PROBLEMS.
		19:00 - 00:00	5.00	CSG	RUNCSG	P	PJSM - RUN 5 1/2" PROD. CSG. AS FOLLOWS: 1 - FLOAT SHOE - 1.00' - 2,778.00' - 2,777.00' 1 - 5 1/2", 15.5# SHOE JT. 10.88' - 2,777.00' - 2,766.12' 5 - JTS. 5 1/2", 15.5# CSG. JTS. - 174.52' - 2,766.12' - 2,593.20' 85 - JTS. FIBER GLASS 5 1/2" - 2,581.19' - 2,593.20' - 12.01' 1 - LANDING JT. 5 1/2", 15.5# - 17.50' - 12.01' - 5.49' - (STICK UP) FIBERGLASS / STEEL TRANSITION @ 2,593' MD. SAFETY BREAK: PJSM RUNNING CASING

Operation Summary Report

Well: BRAVO DOME UNIT 2433 221G

Event Name: DEV DRILLING

Project: BRAVO DOME

Prim. Reason: ORIG DRILL VERT

Site: BRAVO DOME C02 UNIT

Sec. Reason:

Dates of Event: 09/03/2011 - 09/08/2011

Rig Name: TRINIDAD 216

#	Date	Time Start-End	Hrs	Op Code	Op Sub	Op Type	Op Details
6	09/08/2011	00:00 - 00:30	0.50	CIRC	CNDHOL	P	PJSM RIG-UP HALLIBURTON CIRCULATE AND CONDITION HOLE FOR CEMENT JOB SAFETY MEETING WITH ALL PERSONEL ON LOCATION SAFETY BREAK : CEMENTING PROCEDURES & WORKING WITH HIGH PRESSURE LINES & EQUIPMENT. RIGGING UP HALLIBURTON & PRESSURE TESTING LINES & EQUIPMENT. CHAINED DOWN 5 1/2" CEMENTING HEAD & CASING.
		00:30 - 01:30	1.00	CMT	PRIM	P	PRESSURE TEST LINES TO 2500 PSI PUMPED 20 BBL FRESH WATER SPACER LEAD CEMENT: - 11.1 PPG PREMIUM PLUS WITH 2% CACL, 510 SACKS - 0.25 LBM/SACK POLY- E - FLAKE - YIELD: 3.25 CUFT/SACK - SLURRY VOLUME: 295.2 BBLS - PUMP RATE: 7.0 BBL/MIN - CASING PRESSURE: 320 PSI TAIL CEMENT: - 13.2 PPG PREMIUM PLUS CEMENT WITH 2% CC, 150 SACKS - SLURRY VOLUME: 49.4 BBLS - 0.25 LBM/SACK POLY - E - FLAKE - YIELD: 1.85 CUFT/SACK - PUMP RATE: 5.0 BBL/MIN - CASING PRESSURE: 310 PSI DISPLACE WITH 60.8 BBL OF FRESH WATER - PUMP RATE: 8 BBL/MIN - CASING PRESSURE: 605 PSI - BUMPED PLUG AT 2 BBL/MIN AT 605 PSI, 445 OVER 1050 PSI - @ 01:00 AM 09/08/2011 - CIRCULATED 227 BBLS OF CEMENT TO SURFACE. (392 SKS) - FLOAT HELD - RIGGED DOWN HALCO
		01:30 - 05:30	4.00	CMT	WOC	P	W O C - CLEAN PITS, RIG DOWN RIG, PREPARE FOR RIG MOVE TO NEW LOCATION.
		05:30 - 06:00	0.50	BOP	RDBOP	P	RELEASED CHAINS ON CASING, RIGGED DOWN HALCO CEMENTING HEAD, BACKED OUT LANDING JOINT, N/D BOP. MADE UP WING NUT ON WELL-HEAD AND SECURED WELL HEAD PROPERLY.
		06:00 - 10:00	4.00	LOCM OV	RD	P	PJSM - RIG DOWN RIG & PREPARE TO MOVE RIG 216 TO THE BDU # 2333 031G
		10:00 - 12:00	2.00	LOCM OV	MOVE	P	PJSM - TRUCKS ARRIVED @ 10:00 AM, HELD PJSM & MOVED RIG 216 12 MILES TO THE BDU # 2333 031G. RELEASED RIG @ 12:00 NOON.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Oxy USA Inc. P.O. Box 4294 Houston TX 77210		² OGRID Number 16696
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30-059-20532	⁵ Pool Name Bravo Dome Carbon Dioxide Gas 640	⁶ Pool Code 96010
⁷ Property Code 27111	⁸ Property Name Bravo Dome Carbon Dioxide Gas 2433	⁹ Well Number 221

II. ¹⁰ Surface Location

UI or lot no. G	Section 22	Township 24N	Range 33E	Lot Idn.	Feet from the 1700	North/South Line North	Feet from the 1700	East/West line East	County Union
--------------------	---------------	-----------------	--------------	----------	-----------------------	---------------------------	-----------------------	------------------------	-----------------

¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	----------	---------------	------------------	---------------	----------------	--------

¹² Lse Code P	¹³ Producing Method Code F	¹⁴ Gas Connection Date 1/30/12	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
-----------------------------	--	--	-----------------------------------	------------------------------------	-------------------------------------

III. Oil and Gas Transporters

¹⁸ Transporter OGRID 16696	¹⁹ Transporter Name and Address Oxy USA Inc. P.O. Box 303 Amistad, NM 88410	²⁰ O/G/W

IV. Well Completion Data

²¹ Spud Date 9/3/11	²² Ready Date 9/8/11	²³ TD 2787	²⁴ PBDT 2767	²⁵ Perforations 2620-2640	²⁶ DHC, MC
²⁷ Hole Size 12 1/4	²⁸ Casing & Tubing Size 8 5/8	²⁹ Depth Set 750	³⁰ Sacks Cement 400 SX		
7 1/8	5 1/2	2600 - 2800	500 SX		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date 1/30/12	³³ Test Date 2/9/12	³⁴ Test Length 24	³⁵ Tbg. Pressure —	³⁶ Csg. Pressure 110
³⁷ Choke Size 2.50	³⁸ Oil —	³⁹ Water 0	⁴⁰ Gas 1483		⁴¹ Test Method blwg

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

L. Lockett

Printed name:

L. Kiki Lockett

Title:

Reg. Analyst

E-mail Address:

kiki-lockett@oxy.com

Date:

3/28/12

Phone:

713-215-9643

OIL CONSERVATION DIVISION

Approved by:

D. L. Martin
DISTRICT SUPERVISOR

Approval Date:

7/16/2012

ve Copies
strict I
25 N. French Dr., Hobbs, NM 88240
strict II
01 W. Grand Avenue, Artesia, NM 88210
strict III
00 Rio Brazos Rd., Aztec, NM 87410
strict IV
20 S. St. Francis Dr., Santa Fe, NM 87505

State of NEW MEXICO
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

July 17, 2008

1. WELL API NO.
30-059-20532
2. Type Of Lease
☒ STATE ☐ FEE ☐ FED/INDIAN
3. State Oil & Gas Lease No. L06193

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Reason for filing:

- ☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)
☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #3; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name
Bravo Dome Carbon Dioxide Gas 2433
6. Well Number
221

Type of Completion

☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

Name of Operator

OXY USA Inc.

9. OGRID Number

16696

10. Address of Operator

P.O. Box 4294 Houston, TX 77210-4294

11. Pool name or Wildcat

Bravo Dome Carbon Dioxide Gas 640

Location	Unit Letter	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	G	22	24N	33E		1700	N	1700	E	Union
Alt:										

12. Date Spudded 9/3/11	14. Date T.D. Reached 9/7/11	15. Date Rig Released 9/8/11	16. Date Completed (Ready to Produce) 9/8/11	17. Elevations (DF & RKB, RT, GR, etc.) 5263.3 GR
13. Total Measured Depth of Well 2787	19. Plug Back Measured Depth 2767	20. Was Directional Survey Made No	21. Type Electric and Other Logs Run ACR	

18. Producing Interval(s), of this completion - Top, Bottom, Name

2620-2640' - Tubb

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	750'	12-1/4"	400 SX	N/A
5-1/2"	5.5#FG/15.5#	2600' 2800'	7-7/8"	650 SX/11	N/A

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

2620-2640' @ 4 SPF (124 Total Holes)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2620-2640'	13372g CO2 47TON frac w/536 sx sand

PRODUCTION

28. Date First Production 1/30/12	29. Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				30. Well Status (Prod. or Shut-in) PROD		
31. Date of Test 2/9/12	Hours Tested 24	Choke Size 2.50 ORF	Prod'n For Test Period	Oil - Bbl. 1483	Gas - MCF 0	Water - Bbl. 0	Gas - Oil Ratio
32. Flow Tubing Loss	Casing Pressure 110	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 1483	Water - Bbl. 0	Oil Gravity - API -(Corr.)	
33. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					34. Test Witnessed By		

List Attachments

Deviation Svy. Log (1 set)

35. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

36. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude Longitude NAD: 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature L. Lockett Printed Name KIKI LOCKETT Title Reg Analyst Date 3/20/12
mail address KIKI LOCKETT@OXY.COM

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn "A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montova	T. Point Lookout	T. Elbert
T. San Andres 1929	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 2132	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinerv	T. Gr. Wash	T. Dakota	
T. Tubb 2616	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Santa Rosa 1621	T. Entrada	
T. Wolfcamp	T. Yeso 2231	T. Wingate	
T. Penn	T. Cimarron 2601	T. Chinle	
T. Cisco (Bough C)	T.	T. Permain	

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____

No. 3, from _____ to _____
No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
No. 2, from _____ to _____ feet
No. 3, from _____ to _____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
09	709 3024	709 2315	redbed sandstone/shale				