

Submit To Appropriate District Office Two Copies 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	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> Revised August 1, 2011  <b>1. WELL API NO.</b> <b>30-059-20523</b>  <b>2. Type of Lease</b> <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN  <b>3. State Oil &amp; Gas Lease No.</b>
--	---	--

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

<b>4. Reason for filing:</b> <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)	<b>5. Lease Name or Unit Agreement Name</b> <b>BRAVO DOME CARBON DIOXIDE GAS UNIT</b>  <b>6. Well Number:</b> <div style="text-align: center; font-size: 24pt;"><b>261</b></div>
--	--

**7. Type of Completion:**  
 NEW WELL     WORKOVER     DEEPENING     PLUGBACK     DIFFERENT RESERVOIR     OTHER \_\_\_\_\_

**8. Name of Operator** **9. OGRID** **16696**  
 OXY USA Inc.

**10. Address of Operator** **11. Pool name or Wildcat**  
 P.O. Box 4294  
 HOUSTON, TEXAS 77210 **BRAVO DOME CARBON DIOXIDE GAS UNIT 640**

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
<b>Surface:</b>	G	26	18N	35E		1690	NORTH	1980	EAST	UNION
<b>BH:</b>										

<b>13. Date Spudded</b> 06/20/2011	<b>14. Date T.D. Reached</b> 06/23/2011	<b>15. Date Rig Released</b> 06/24/2011	<b>16. Date Completed (Ready to Produce)</b> 9/18/2011	<b>17. Elevations (DF and RKB, RT, GR, etc.)</b> 4524' GL
---------------------------------------	--	--	---	--

<b>18. Total Measured Depth of Well</b> 2332'	<b>19. Plug Back Measured Depth</b> OPEN HOLE COMPLETION	<b>20. Was Directional Survey Made?</b> YES	<b>21. Type Electric and Other Logs Run</b> ONLY GAMMA RAY OPEN HOLE SECTION
--	---	--	---

**22. Producing Interval(s), of this completion - Top, Bottom, Name**  
**TOP: 2316' - BOTTOM: 2380' - FORMATION: TUBB - OPEN HOLE COMPLETION**

**23. 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 #/FT	778'	12 1/4"	400 sx + 150 sx	25 sx CIRCULATED
5 1/2"	15.5 #/FT	2328'	7 7/8"	350 sx + 150 sx	182 sx CIRCULATED

**24. LINER RECORD** **25. TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

<b>26. Perforation record (interval, size, and number)</b>  OPEN HOLE COMPLETION TUBB SECTION FROM CASING SHOE, 2332' TO 2380' DRILLED WITH AIR	<b>27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED						

**28. PRODUCTION**

<b>Date First Production</b> 09/18/2011	<b>Production Method (Flowing, gas lift, pumping - Size and type pump)</b> FLOWING	<b>Well Status (Prod. or Shut-in)</b> PRODUCING
--	---	--

<b>Date of Test</b> 10/18/2010	<b>Hours Tested</b> 24 HRS	<b>Choke Size</b> 2.0	<b>Prod'n For Test Period</b> 24 HRS	<b>Oil - Bbl</b>	<b>Gas - MCF</b> 170	<b>Water - Bbl.</b> 0	<b>Gas - Oil Ratio</b>
-----------------------------------	-------------------------------	--------------------------	---	------------------	-------------------------	--------------------------	------------------------

<b>Flow Tubing Press.</b>	<b>Casing Pressure</b> 105 PSI	<b>Calculated 24-Hour Rate</b>	<b>Oil - Bbl.</b>	<b>Gas - MCF</b> 170	<b>Water - Bbl.</b> 0	<b>Oil Gravity - API - (Corr.)</b>
---------------------------	-----------------------------------	--------------------------------	-------------------	-------------------------	--------------------------	------------------------------------

<b>29. Disposition of Gas (Sold, used for fuel, vented, etc.)</b> SOLD	<b>30. Test Witnessed By</b> AUTOMATION
---	--

**31. List Attachments**  
 DRILLING ACTIVITY SUMMARY, COMPLETION SUMMARY, **GAMMA RAY OPEN HOLE SECTION ONLY**

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

**33. 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*

Printed  
 Signature \_\_\_\_\_ Name Al Giussani Title Senior Engineering Advisor Date 10/31/2012  
 E-mail Address albert\_giussani@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. Montoya _____	T. Point Lookout _____	T. Elbert _____
T. San Andres _____	T. Simpson _____	T. Mancos _____	T. McCracken _____
T. Glorieta _____	T. McKee _____	T. Gallup _____	T. Ignacio Otzte _____
T. Paddock _____	T. Ellenburger _____	Base Greenhorn _____	T. Granite _____
T. Blinebry _____	T. Gr. Wash _____	T. Dakota _____	
T. Tubb 2316' _____	T. Delaware Sand _____	T. Morrison _____	
T. Drinkard _____	T. Bone Springs _____	T. Todilto _____	
T. Abo _____	T. Cimarron 2296' _____	T. Entrada _____	
T. Wolfcamp _____	T. _____	T. Wingate _____	
T. Penn _____	T. _____	T. Chinle _____	
T. Cisco (Bough C) _____	T. _____	T. Permian _____	

**OIL OR GAS SANDS OR ZONES**

No. 1, from...2296' .....to.....2380' ..... No. 3, from.....to.....  
 No. 2, 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
2296,	2380'		<b><u>LOGS WERE ONLY RUN IN OPEN HOLE SECTION OF WELL</u></b>  SANDSTONE AND SHALE				

OIL OR GAS SANDS OR ZONES  
 CHECKED  
 13  
 4  
 8

COMPLETION SUMMARY

BRAVO DONE 18 35 26 1 G

API: 30-059-20523

SURFACE CASING: 8 5/8" (12 1/4") 24#/FT SET @ 778", CEMETED WITH 400+150 SX, 25 SX CIRCILATED

PRODUCTION CASING: 5 1/2" (7 7/8") 15.5 #/FT SET @ 2328", CEMENTED WITH 350+150SX, 182 SX CIRC.

7/24/2011

RU foam unit and swivel, TIH w/ 2 7/8 tbg, tag at 2305', drill rubber plug and insert float @ 2316' with mist pump and soap @ 12 gal. min. Drill shoe jt. and guide shoe to 2328', drill new formation @ 2329' to 2340' stop to check for gas flow and found it very slight. Drill to 2350' and found a small gas flow, at 2360' the gas was increasing. At 2370' and TD 2380' gas flow was 100 mcf. Pull 10 jts of tbg, working them through a mud ring in the casing. Install tiw valve and closed BOP and left well flowing gas to pit. SDFD

7/25/2011

Well flowing to pit making ~ 200 mcf, TIH and tag bottom, found no fill. TOH with tbg and lay down on trailer, nipple down BOP and up well head. Leave flowing to pit.

RECEIVED OGD  
2012 NOV 13 A 9:18

OXY USA PERMIAN

BRAVO DOME  
BRAVO DOME CO2 UNIT  
BRAVO DOME UNIT 1835 261G  
DEV DRILLING

2012 NOV 13 A 9:18

RECEIVED OOD

## Daily Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of this report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General

1.1 Customer Information

Company	OXY USA PERMIAN
Representative	
Address	

1.2 Well Information

Well	BRAVO DOME UNIT 1825 251-G		
Project	BRAVO DOME	Site	BRAVO DOME G02 UNIT
Rig Name/No.	TRINIDAD 2181	Event Name	DEV DRILLING
Start Date	8/20/2011	End Date	8/23/2011
Spud Date/Time	8/22/2011	Primary Location	BRAVO DOME UNIT 1825 251-G
Active Datum	Original KB @ 4,525.000 (above Mean Sea Level)		

2 Daily Summary

Report No	Report Date	TD MD (ft)	24-Hr Summary
1	8/18/2011		12 MOVING IN RIG, GATHERING SUPPLIES
2	8/19/2011		12 COMPLETED RIG UP, WELDER WORKING ON MODIFICATIONS ON PITS (EXTENDED SHAKER SLIDE, INSTALL 8" VALVES FOR CLEAN OUT)
3	8/20/2011		780 COMPLETED MODIFICATIONS TO STEEL PITS AND RIG UP. SPUDDED THE WELL AT 12.00. DRILLED SURFACE TO TD AT 780'. CIRCULATED, TOH, RIGGED UP TO RUN 5 1/2" SURFACE CASING
4	8/21/2011		780 RAN, SET, CEMENTED 2 5/8" CASING AT 780'. DID NOT CIRCULATE CEMENT TO SURFACE, PERFORMED TOP JOB AT 50'. CIRCULATED 25 BAGS TO SURFACE, MOVED UP WELLHEAD AND BOP, AND TESTED.
5	8/22/2011		1538 TESTED BOP TO 1000 PSI FOR 5 MINUTES, TEST GOOD. TH, PICKED UP 7 7/8" BHA, DRILLED OUT PLUG AND CEMENT. PRESSURE TESTED CASING 1000 PSI FOR 30 MINUTES, TEST GOOD. DRILLED 7 7/8" PRODUCTION HOLE FROM 780' TO 1538'. AWD BOP = 75 WLR.
6	8/23/2011		2932 DRILLED HOLE TO TD AT 2932'. TOH, RIGGED UP, RAN, 56 JOINTS OF 15.50 3.65 LTC1 CASING. CEMENTED WITH 500 BAGS OF CEMENT. CIRCULATED 125 BAGS TO SURFACE. BUMPED PLUGGED AT 8:23:21.00. CLEAN PITS AND RIGGED FOR RIG MOVE.
7	8/24/2011		2932 RIG RELEASE AT 8:30 @ 5242011. MOVE TO NEW LOCATION TO WELL 1825-1210. RIG UP, AND SPUD 12 1/4" SURFACE HOLE.

818  
D

CEMENTING REPORT:

SURFACE: 6/21/2011

6/21/2011	0:00	3:00	3:00	148LIRC	C69	RLINC 50	P	780	RUN 18 JTS. 8 5/8", 24#, J-55, ST & C, SURFACE CASING 1 - 8 5/8" TEXAS PATTERN SHOE - .50" 1 - SHOE JOINT 1 - INSERT FLOAT
	3:00	3:30	0.30	148LIRC	CMT	RIGU P	P	780	RIG DOWN CASING EQUIPMENT  CIRCULATE  SAFETY MEETING WITH HALLIBURTON RIG UP HALLIBURTON FOR CEMENT JOB
	3:30	5:00	1.30	148LIRC	CMT	PR3M	P	780	BREAK FORMATION WITH 20 BELS OF FRESH WATER - PUMP RATE = 5 BBL/MIN  PUMPED 95 BELS (400 BAGS) OF 14.8 PPG PREMIUM PLUS CEMENT - 2% CaCl <sub>2</sub> - 0.125 lb/bbl Poly-E-Fluor - YIELD: 1.35 CUFT/BAG - PUMP RATE = 6 BBL/MIN - PRESSURE = 77 PSI  DISPLACED WITH 90 BELS OF FRESH WATER - PUMP RATE = 6 BBL/MIN - PRESSURE = 123 PSI  FULL RETURNS THROUGHOUT JOB DID NOT GET CEMENT BACK TO SURFACE

RECEIVED OGD  
 2012 NOV 13 A 9:18

5:00	9:00	4.00	146LIRC	CMT	WOC	PT	780	<p>WAIT ON CEMENT</p> <p>TRY TO CONTACT ED MARTIN (NWOOD) ABOUT TOP JOB, WAITING TO HEAR BACK</p> <p>CALLED FOR HALLIBURTON CREW FOR TOP JOB</p>
9:00	13:00	4.00	146LIRC	CMT	PRM	PT	780	<p>WAITING ON WIRELINE TRUCK FOR TEMPERATURE SURVEY</p> <p>WHILE WAITING ON WIRELINE TRUCK RIG CREW: CLEAN FITS DRIFT AND MEASURE 5 1/2" CASING</p> <p>SAFETY BREAK: TRIP HAZARDS</p>
13:00	14:30	1.50	146LIRC	LOG	CHLO G	PT	780	<p>SAFETY MEETING WITH RENEGADE SERVICES (WIRELINE CREW)</p> <p>RIGGED UP WIRELINE TOOL RAN TEMPERATURE SURVEY</p> <p>FOUND TOP OF CEMENT TO BE +/- 50' AND GOOD CEMENT AT 170'</p>
14:30	16:00	1.50	146LIRC	OTHR	OTHE R	PT	780	<p>POCKED UP 2 JOINTS OF 1" PIPE FOR TOP JOB AND WORKED IN HOLE TO 55'</p>
16:00	17:00	1.00	146LIRC	CMT	PRM	PT	780	<p>PJEM - WITH HALLIBURTON</p> <p>RIGGED UP 1" TO DO TOP JOB</p> <p>PUMPED 2.5 BGL FRESH WATER SPACER AT .5 BGL/MIN</p> <p>PUMPED 150 BAGS (36 BBL) OF 14.8 PPG PREMIUM PLUS</p> <ul style="list-style-type: none"> <li>- 2% CaCl2</li> <li>- 0.125 (lb/bbl) Poly-E-Flake</li> <li>- YIELD: 1.35 CFT/BAG</li> <li>- PUMP RATE = 1 BGL/MIN</li> <li>- PRESSURE = 120 PSI</li> </ul> <p>CIRCULATED 25 BAGS TO SURFACE AT 50'</p> <p>PERFORMED TOP OUT CEMENT JOB AS PER NWOOD REP ED MARTIN VERBAL OKAY WITH KYLE NOYES</p>

PRODUCTION: 6/23/2011

15:00	17:30	2.50	31PRRC	CSG	RLWC SG	P	2332	<p>SAFETY MEETING WITH RIG CREW TO RUN CASING</p> <p>RUN 5 1/2" PRODUCTION CASING TO 2332'</p> <ul style="list-style-type: none"> <li>- TEXAS PATTERN SHOE</li> <li>- 10' SHOE JOINT</li> <li>- INSERT FLOAT</li> <li>- 58 JTS OF 5 1/2" 15.5# J-55 LTC</li> <li>- 1 - 15' JOINT</li> </ul>
-------	-------	------	--------	-----	------------	---	------	---

RECEIVED OOD  
 2012 NOV 13 A 9:18

17:30	18:30	1.00	31PRRC	CBLJ	RUNC SB	P	2332	BACK OFF 5 1/2" COLLAR  INSTALLED WELLHEAD MANDRILL ON LANDING JOINT SUCCESSFULLY LANDED MANDRILL BY WELLHEAD
18:30	19:00	0.50	31PRRC	CIRC	CNDH OL	P	2332	PJBM - RIG UP HALCO CEMENTING HEAD  CIRCULATE AND CONDITION HOLE FOR CEMENT JOB  SAFETY MEETING WITH ALL PERSONAL ON LOCATION
19:00	21:00	2.00	31PRRC	CMT	PRCM	P	2332	CEMENT 5 1/2" CASING AS FOLLOWS:  PRESSURE TEST LINES TO 2500 PSI  PUMPED 20 BBL FRESH WATER SPACER AT 6 BBL/MIN ADM 153 PSI  LEAD CEMENT: - 11.1 PPG PREMIUM PLUS WITH 2% CACL 350 SACKS - 0.25 LBS/SACK POL E FLAKE - YIELD: 3.25 CUFT/SACK - SLURRY VOLUME: 300 BBL - PUMP RATE: 5.5 BBL/MIN - CSG PRESSURE: 150 PSI  TAIL CEMENT: - 13.2 PPG PREMIUM PLUS CEMENT WITH 2% OC I-FLAKE, 150 SACKS - SLURRY VOLUME: 50 BBL - 0.25 LBS/SACK POL E FLAKE - YIELD: 1.85 CUFT/SACK - PUMP RATE: 5.5 BBL/MIN - CSG PRESSURE: 145 PSI  DISPLACE WITH 55 BBL OF FRESH WATER - PUMPED AT 7 BBL/MIN - CSG PRESSURE: 500 PSI  BUMPED PLUG AT 2 BBL/MIN AND 500 PSI  CIRCULATED 105 BBL (132 SACKS) OF CEMENT TO SURFACE
21:00	22:00	1.00	31PRRC	CMT	RIGU P	P	2332	RIG DOWN HALLBURTON

RECEIVED OGD  
2012 NOV 13 A 9:18