



# OXY USA INC.

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PO Box 50250  
Midland, TX 79710-0250

July 11, 2002

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

Attention: Roy Johnson

Re: *Application for Administrative Approval of Unorthodox Well Locations  
Bravo Dome Carbon Dioxide Gas Unit  
Harding, Union and Quay Counties, New Mexico*

Dear Mr. Johnson:

OXY USA Inc., as operator of the Bravo Dome Carbon Dioxide Gas Unit ("BDCDGU"), respectfully requests administrative approval pursuant to Order No. 10576 for fifteen unorthodox gas well locations within the subject unit. To support this request, the following information is submitted for your review:

1. Table of well information showing location and API number of the existing well in the 640 acre spacing and proration unit, the location of the proposed well, the distance between the two wells, the distance to section line, the distance to quarter-quarter and the well location with respect to unratified tracts,
2. For well locations that lie within ½ mile of an unratified tract or are located on an unratified tract within the Unit, copies of notice letters sent to the three members of the Hutcherson Family along with evidence of certified mailing and receipt of the letter
3. OCD Forms C-101 and C-102 for each proposed well
4. A large-scale map showing the location of all BDCDGU wells in the area where the proposed wells are located, proposed wells are shown in green (2002) and red (2003) and the location of unratified tracts (Hutcherson).

Notice to affected parties was provided on May 23<sup>rd</sup>, and we are unaware of any objections. The reason for locating these wells at a non-standard location is the need to drill them in close proximity to the existing gathering system to minimize costs. Approval of these unorthodox locations will promote conservation by enhancing the recovery of carbon dioxide from these areas of the reservoir and thereby prevent waste. If you need anything else, please don't hesitate to call me at 915-685-5717.

Sincerely,

A handwritten signature in black ink, appearing to read "David Stewart".

David Stewart  
Sr. Regulatory Analyst  
OXY USA Inc.

Attachments

CC: Hutcherson Family

| Proposed Well      |                   |      |            | Existing Well in same spacing unit        |  |        |                          | Distance between wells in same spacing unit |              |            | Distance to Outer Boundary of Section |         | Distance Qtr/Qtr   |  | Well Location with respect to unratified tracts |
|--------------------|-------------------|------|------------|---|--|--------|--------------------------|---|--------------|------------|---------------------------------------|---------|--|--|---|
| Well Name & Number | Location          | Unit | S-T-R      | Well Name & Number                        | Location                               | Unit   | API Number               | Spacing Unit Size                           | spacing unit | of Section | Qtr/Qtr                               | Qtr/Qtr | respect to unratified tracts                                       |  |   |
| BDCCDGU 1934-082   | 644 FSL 2439 FWL  | N    | 8-19N-34E  | BDCCDGU 1934-081                          | 1650 FNL 1980 FWL                      | F      | 3005920080               | 640 acres                                   | 3021'        | 644'       | 201'                                  |         | Located on unratified tract  |  |   |
| BDCCDGU 1934-092   | 173 FNL 2281 FWL  | C    | 9-19N-34E  | BDCCDGU 1934-091                          | 1650 FSL 1994 FWL                      | K      | 3005920063               | 640 acres                                   | 3409'        | 173'       | 359'                                  |         | Located on unratified tract  |  |   |
| BDCCDGU 1934-142   | 703 FSL 2466 FWL  | N    | 14-19N-34E | BDCCDGU 1934-141                          | 1980 FNL 1976 FEL                      | G      | 3005920055               | 640 acres                                   | 2742'        | 703'       | 174'                                  |         | Located on unratified tract  |  |   |
| BDCCDGU 1934-222   | 1673 FSL 1641 FEL | J    | 22-19N-34E | BDCCDGU 1934-221                          | 1650 FNL 1652 FWL                      | F      | 3005920059               | 640 acres                                   | 2789'        | 1641'      | 321'                                  |         | Located on unit tract well #221 located on unratified tract        |  |   |
| BDCCDGU 1934-232   | 2347 FSL 1267 FEL | I    | 23-19N-34E | BDCCDGU 1934-231                          | 1980 FSL 1980 FWL                      | K      | 3005920027               | 640 acres                                   | 1991'        | 1267'      | 53'                                   |         | Located on unratified tract  |  |   |
| BDCCDGU 1934-282   | 1672 FSL 2314 FEL | J    | 28-19N-34E | BDCCDGU 1934-281                          | 1650 FNL 1650 FEL                      | G      | 3005920252               | 640 acres                                   | 2068'        | 1672'      | 326'                                  |         | Located on unit tract, 3608' from an unratified (Hutcherson) tract |  |   |
| BDCCDGU 1935-052   | 584 FSL 1963 FEL  | O    | 5-19N-35E  | BDCCDGU 1935-051                          | 1980 FNL 1980 FEL                      | G      | 3005920121               | 640 acres                                   | 2716'        | 584'       | 584'                                  |         | Located on unit tract, 3317' from an unratified (Hutcherson) tract |  |   |
| BDCCDGU 1935-072   | 660 FSL 2005 FEL  | O    | 7-19N-35E  | BDCCDGU 1935-071                          | 1980 FNL 1980 FEL                      | G      | 3005920065               | 640 acres                                   | 2640'        | 660'       | 635'                                  |         | Located on unit tract, well #071 located on unratified tract       |  |   |
| BDCCDGU 1935-082   | 1635 FNL 1659 FWL | F    | 8-19N-35E  | BDCCDGU 1935-081X<br>BDCCDGU 1935-081-P&A | 1980 FSL 1880 FEL<br>1980 FSL 1980 FEL | J<br>J | 3005920145<br>3005920123 | 640 acres                                   | 2401'        | 1635'      | 315'                                  |         | Located on unit tract, 1659' from an unratified (Hutcherson) tract |  |   |
| BDCCDGU 1935-172   | 481 FNL 475 FWL   | D    | 17-19N-35E | BDCCDGU 1935-171                          | 1650 FSL 1650 FWL                      | K      | 3005920288               | 640 acres                                   | 3361'        | 475'       | 475'                                  |         | Located on unit tract  |  |   |
| BDCCDGU 2034-202   | 320 FSL 996 FEL   | P    | 20-20N-34E | BDCCDGU 2034-201                          | 1980 FNL 1980 FWL                      | F      | 3005920141               | 640 acres                                   | 3138'        | 320'       | 320'                                  |         | Located on unit tract  |  |   |
| BDCCDGU 2034-212   | 1819 FNL 2332 FWL | F    | 21-20N-34E | BDCCDGU 2034-211                          | 1980 FSL 660 FWL                       | L      | 3005920177               | 640 acres                                   | 2241'        | 1819'      | 308'                                  |         | Located on unit tract  |  |   |
| BDCCDGU 2034-282   | 2491 FNL 238 FWL  | E    | 28-20N-34E | BDCCDGU 2034-281                          | 1980 FSL 1980 FEL                      | J      | 3005920137               | 640 acres                                   | 3167'        | 238'       | 149'                                  |         | Located on unit tract  |  |   |
| BDCCDGU 2034-322   | 1027 FSL 264 FWL  | M    | 32-20N-34E | BDCCDGU 2034-321                          | 1650 FNL 1650 FEL                      | G      | 3005920278               | 640 acres                                   | 4322'        | 264'       | 264'                                  |         | Located on unit tract, 2640' from an unratified (Hutcherson) tract |  |   |
| BDCCDGU 2034-352   | 671 FSL 2356 FEL  | O    | 35-20N-34E | BDCCDGU 2034-351                          | 1980 FNL 1980 FEL                      | G      | 3005920070               | 640 acres                                   | 2669'        | 671'       | 284'                                  |         | Located on unratified tract  |  |   |

|                    |                    |                |                 |             |                      |
|--------------------|--------------------|----------------|-----------------|-------------|----------------------|
| DATE IN<br>7/12/02 | SUSPENSE<br>8/1/02 | ENGINEER<br>MS | LOGGED IN<br>KW | TYPE<br>NSL | APP NO.<br>220546202 |
|--------------------|--------------------|----------------|-----------------|-------------|----------------------|

ABOVE LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
- Engineering Bureau -  
1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

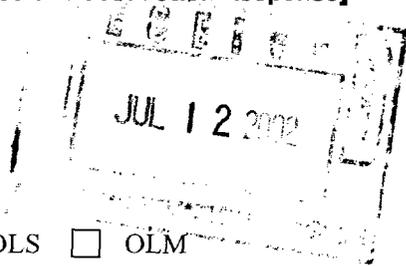
- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR

- [D] Other: Specify SWR 107(J)



[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A]  Working, Royalty or Overriding Royalty Interest Owners  
*on unratified tracts within 1/2 mile of the proposed wells.*
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F]  Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

~~Note: Statement must be completed by an individual with managerial and/or supervisory capacity.~~

David Stewart  
Print or Type Name

*[Signature]*  
Signature

SR. Regulatory Analyst  
Title

7/11/02  
Date

david\_stewart@oxy.com  
e-mail Address



# OXY USA INC.

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PO Box 50250  
Midland, TX 79710-0250

July 11, 2002

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

Attn: Roy Johnson

Re: ***Exception to Statewide Rule 107(J)***  
***Bravo Dome Carbon Dioxide Gas Unit***  
***Union County, NM***

Dear Mr. Johnson:

OXY USA Inc. respectfully requests an exception to SWR 107 (J), in order to drill and complete 16 wells in the Bravo Dome Carbon Dioxide Gas Unit, see attached for list of wells. OXY plans to run 5-1/2" 5.9# fiberglass through the Cimarron and 15.5# J55 LTC steel casing through the Tubb to TD. Oxy will produce the well through the production casing in lieu of producing through the tubing. In support of our request, the following reasons exist.

1. Eliminate casing corrosion.
2. Eliminate expense for tubing, on and off tool, packer and inhibited fluid.
3. Increase production rates since the well can flow up the casing.
4. The well is not a wildcat or dual completion and will be completed with a total depth of less than 3000 feet.

A wellbore schematic is attached for your information and review.

Your administrative approval of this request will be appreciated. If additional information is needed, you can contact me at 915-685-5717 or Danny Holcomb at 505-374-3010.

Sincerely,

A handwritten signature in black ink, appearing to read "David Stewart", is written over a light blue horizontal line.

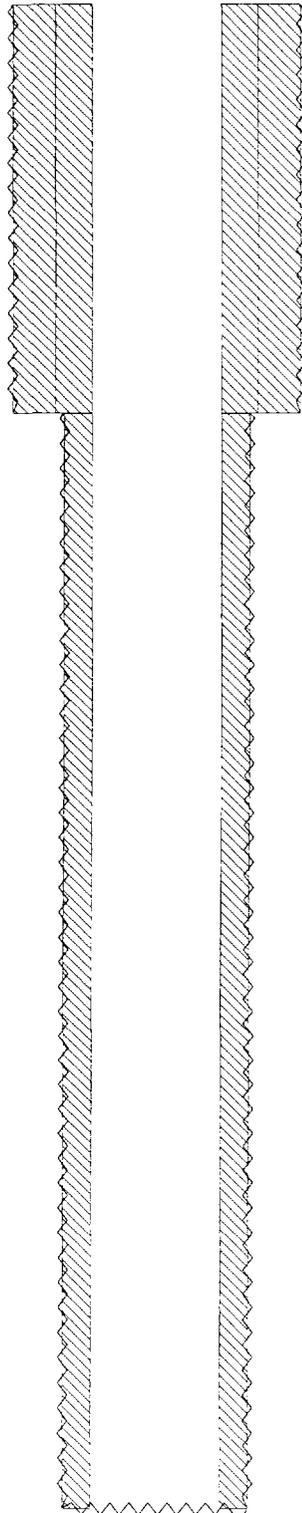
David Stewart  
Sr. Regulatory Analyst  
OXY USA Inc.

Attachments

**Attachment Exception SWR 107(J)**  
**OXY USA Inc. - 16696**  
**Bravo Dome Carbon Dioxide Gas Unit - 27111**  
**Bravo Dome Carbon Dioxide Gas (640) - 96010**

1. BDCDGU 1934-082 - 644 FSL 2439 FWL (N) SEC 8 T19N R34E
2. BDCDGU 1934-092 - 173 FNL 2281 FWL (C) SEC 9 T19N R34E
3. BDCDGU 1934-142 - 703 FSL 2466 FWL (N) SEC 14 T19N R34E
4. BDCDGU 1934-222 - 1673 FSL 1641 FEL (J) SEC 22 T19N R34E
5. BDCDGU 1934-232 - 2347 FSL 1267 FEL (I) SEC 23 T19N R34E
6. BDCDGU 1934-253 - 1704 FSL 2026 FEL (J) SEC 25 T19N R34E
7. BDCDGU 1934-282 - 1672 FSL 2314 FEL (J) SEC 28 T19N R34E
8. BDCDGU 1935-052 - 584 FSL 1963 FEL (O) SEC 5 T19N R35E
9. BDCDGU 1935-072 - 660 FSL 2005 FEL (O) SEC 7 T19N R35E
10. BDCDGU 1935-082 - 1635 FNL 1659 FWL (F) SEC 8 T19N R35E
11. BDCDGU 1935-172 - 481 FNL 475 FWL (D) SEC 17 T19N R35E
12. BDCDGU 2034-202 - 320 FSL 996 FEL (P) SEC 20 T20N R34E
13. BDCDGU 2034-212 - 1819 FNL 2332 FWL (F) SEC 21 T20N R34E
14. BDCDGU 2034-282 - 2491 FNL 238 FWL (E) SEC 28 T20N R34E
15. BDCDGU 2034-322 - 1027 FSL 264 FWL (M) SEC 32 T20N R34E
16. BDCDGU 2034-352 - 671 FSL 2356 FEL (O) SEC 35 T20N R34E

OXY USA INC. PROPOSED  
BCCDGU  
UNION NM



- 0.0 - 700.0' 12-1/4" OD HOLE
- 0.0 - 700.0' CEMENT 300sx-CALC
- 0.0 - 700.0' 8-5/8" OD SURF CSG

- 700.0 - 2600.0' 7-7/8" OD HOLE
- 0.0 - 2600.0' CEMENT 300sx-CALC
- 0.0 - 2300.0' 5-1/2" OD 5.90#/ft 10rd-FG PROD CSG
- 2300.0 - 2600.0' 5-1/2" OD 15.50#/ft J55 8rd-LTC PROD CSG

TD: 2600'



OXY USA Inc.  
 P.O. Box 4294, Houston, TX 77210-4294  
 (281) 552-1000

Alan J. Schwartz, CPL  
 Land Negotiator  
 (281) 552-1222  
 (713) 985-1276 (DIRECT FAX)  
 ALAN\_SCHWARTZ@OXY.COM

May 23, 2002

Re: Bravo Dome Carbon Dioxide Gas Unit  
 Union County, New Mexico

**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**  
 No. 7000 0600 0025 0797 1589

**COPY**

Mr. Michael C. Hutcherson  
 P.O. Box 940  
 Plainview, TX 79073-0940

Dear Mr. Hutcherson:

OXY USA Inc., as Operator of the Bravo Dome CO<sub>2</sub> Gas Unit (“BDGU”), plans to drill the wells identified below. As you own nearby interests (royalty) that are not included within the BDGU, and the proposed locations are non-standard and/or unorthodox, you are deemed an ‘affected party’ requiring notice of our drilling plans. Our application for drilling permits will be made to the New Mexico Oil Conservation Division (“Division”) in the near future. In the event you have an objection to the permitting and drilling of any of these wells, it must be filed in writing with the Division within twenty days from the date the Division receives the Application.

| Well No.    | General Location |            |                |              |
|-------------|------------------|------------|----------------|--------------|
| 1934 - 082N | “N” location     | Section 08 | T-19-N, R-34-E | Union County |
| 1934 - 092C | “C” location     | Section 09 | T-19-N, R-34-E | Union County |
| 1934 - 142N | “N” location     | Section 14 | T-19-N, R-34-E | Union County |
| 1934 - 222J | “J” location     | Section 22 | T-19-N, R-34-E | Union County |
| 1934 - 232I | “I” location     | Section 23 | T-19-N, R-34-E | Union County |
| 1935 - 072O | “O” location     | Section 07 | T-19-N, R-35-E | Union County |
| 1935 - 082F | “F” location     | Section 08 | T-19-N, R-35-E | Union County |
| 2034 - 322M | “M” location     | Section 32 | T-20-N, R-34-E | Union County |
| 2034 - 352O | “O” location     | Section 35 | T-20-N, R-34-E | Union County |

To further assist you, attached is a plat that cross-references the legal descriptions of quarter-quarter sections with its corresponding ‘alphabetical letter’ used above.

Mr. Michael Hutcherson  
May 23, 2002  
Page 2

Your royalty ownership originates in your April 27, 1971 Oil and Gas Lease from Claude Hutcherson and wife, Wilda (Lessor) to Amoco Production Company (Lessee). This lease is not included in the BDGU due to non-ratification of the BDGU. Most of the above wells are within an existing 640-acre pooled unit—as allowed under the lease—and contain varying amounts of land covered by your lease. Therefore, each of this type of proposed well will be the second CO<sub>2</sub> well within its 640-acre pooled unit. All additional royalty from a successful, new CO<sub>2</sub> well on each pooled unit will be apportioned on a unit net acreage basis, which is the same manner as it is currently calculated and paid from the existing CO<sub>2</sub> well on a 640-acre pooled unit.

Yours very truly,

**Original Signed By**  
**Alan J. Schwartz**

Attachment

Hutcherson Notice1.doc

cc: Ms. Marsha George  
P.O Box 369  
Hart, TX 79043-0369

Ms. Wilda Hutcherson Redin  
102 Kirchwood St.  
Plainview, TX 79072-6523

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Michael C. Hutcherson  
 P.O. Box 940  
 Plainview, TX 79073-0940

2. Article Number (Copy from service label)

7000-0600-0025-0797-1589

PS Form 3811, July 1999

Domestic Return Receipt

102595-99-M-1789

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) B. Date of Delivery

5-28-02

C. Signature

X *[Handwritten Signature]*

- Agent
- Addressee

D. Is delivery address different from item 1?  Yes

If YES, enter delivery address below:  No

3. Service Type

- Certified Mail  Express Mail
- Registered  Return Receipt for Merchandise
- Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)

- Yes

UNITED STATES POSTAL SERVICE



First-Class Mail  
 Postage & Fees Paid  
 USPS  
 Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Oxy USA, Inc.  
 P.O. Box 4294  
 Houston, TX 77210-4294  
 Attn: Alan J. Schwartz

210+4294





OXY USA Inc.  
P.O. Box 4294, Houston, TX 77210-4294  
(281) 552-1000

Alan J. Schwartz, CPL  
Land Negotiator  
(281) 552-1222  
(713) 985-1276 (DIRECT FAX)  
ALAN\_SCHWARTZ@OXY.COM

May 23, 2002

Re: Bravo Dome Carbon Dioxide Gas Unit  
Union County, New Mexico

**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**  
No. 7000 0600 0025 0797 1619

**COPY**

Ms. Marsha George  
P.O Box 369  
Hart, TX 79043-0369

Dear Ms. George:

OXY USA Inc., as Operator of the Bravo Dome CO<sub>2</sub> Gas Unit (“BDGU”), plans to drill the wells identified below. As you own nearby interests (royalty) that are not included within the BDGU, and the proposed locations are non-standard and/or unorthodox, you are deemed an ‘affected party’ requiring notice of our drilling plans. Our application for drilling permits will be made to the New Mexico Oil Conservation Division (“Division”) in the near future. In the event you have an objection to the permitting and drilling of any of these wells, it must be filed in writing with the Division within twenty days from the date the Division receives the Application.

| Well No.    | General Location |            |                |              |
|-------------|------------------|------------|----------------|--------------|
| 1934 - 082N | “N” location     | Section 08 | T-19-N, R-34-E | Union County |
| 1934 - 092C | “C” location     | Section 09 | T-19-N, R-34-E | Union County |
| 1934 - 142N | “N” location     | Section 14 | T-19-N, R-34-E | Union County |
| 1934 - 222J | “J” location     | Section 22 | T-19-N, R-34-E | Union County |
| 1934 - 232I | “I” location     | Section 23 | T-19-N, R-34-E | Union County |
| 1935 - 072O | “O” location     | Section 07 | T-19-N, R-35-E | Union County |
| 1935 - 082F | “F” location     | Section 08 | T-19-N, R-35-E | Union County |
| 2034 - 322M | “M” location     | Section 32 | T-20-N, R-34-E | Union County |
| 2034 - 352O | “O” location     | Section 35 | T-20-N, R-34-E | Union County |

To further assist you, attached is a plat that cross-references the legal descriptions of quarter-quarter sections with its corresponding ‘alphabetical letter’ used above.

Ms. Marsha George  
May 23, 2002  
Page 2

Your royalty ownership originates in your April 27, 1971 Oil and Gas Lease from Claude Hutcherson and wife, Wilda (Lessor) to Amoco Production Company (Lessee). This lease is not included in the BDGU due to non-ratification of the BDGU. Most of the above wells are within an existing 640-acre pooled unit—as allowed under the lease—and contain varying amounts of land covered by your lease. Therefore, each of this type of proposed well will be the second CO<sub>2</sub> well within its 640-acre pooled unit. All additional royalty from a successful, new CO<sub>2</sub> well on each pooled unit will be apportioned on a unit net acreage basis, which is the same manner as it is currently calculated and paid from the existing CO<sub>2</sub> well on a 640-acre pooled unit.

Yours very truly,

**Original Signed By**  
**Alan J. Schwartz**

Attachment

Hutcherson Notice3.doc

cc: Mr. Michael C. Hutcherson  
P.O. Box 940  
Plainview, TX 79073-0940

Ms. Wilda Hutcherson Redin  
102 Kirchwood St.  
Plainview, TX 79072-6523

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Ms. Marsha George  
 P.O. Box 369  
 Hart, TX 79043-0369

2. Article Number (Copy from service label)

7000-0600-0025-0797-1619

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) Rhonda George Date of Delivery MAY 28 2002

C. Signature Rhonda George  Agent  Addressee

D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below

3. Service Type

- Certified Mail  Express Mail
- Registered  Return Receipt for Merchandise
- Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

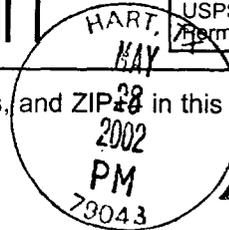
UNITED STATES POSTAL SERVICE



First-Class Mail  
 Postage & Fees Paid  
 USPS  
 Permit No. G-10

• Sender: Please print your name, address, and ZIP <sup>28</sup> in this box

CXY USA, Inc.  
 P.O. Box 4294  
 Houston, TX 77210-4294  
 Attn: Alan J. Schwartz





OXY USA Inc.  
P.O. Box 4294, Houston, TX 77210-4294  
(281) 552-1000

Alan J. Schwartz, CPL  
Land Negotiator  
(281) 552-1222  
(713) 985-1276 (DIRECT FAX)  
ALAN\_SCHWARTZ@OXY.COM

May 23, 2002

Re: Bravo Dome Carbon Dioxide Gas Unit  
Union County, New Mexico

**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**  
No. 7000 0600 0025 0797 1602

**COPY**

Ms. Wilda Hutcherson Redin  
102 Kirchwood St.  
Plainview, TX 79072-6523

Dear Ms. Redin:

OXY USA Inc., as Operator of the Bravo Dome CO<sub>2</sub> Gas Unit (“BDGU”), plans to drill the wells identified below. As you own nearby interests (royalty) that are not included within the BDGU, and the proposed locations are non-standard and/or unorthodox, you are deemed an ‘affected party’ requiring notice of our drilling plans. Our application for drilling permits will be made to the New Mexico Oil Conservation Division (“Division”) in the near future. In the event you have an objection to the permitting and drilling of any of these wells, it must be filed in writing with the Division within twenty days from the date the Division receives the Application.

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| 1934 - 092C | “C” location     | Section 09 | T-19-N, R-34-E | Union County |
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| 1935 - 072O | “O” location     | Section 07 | T-19-N, R-35-E | Union County |
| 1935 - 082F | “F” location     | Section 08 | T-19-N, R-35-E | Union County |
| 2034 - 322M | “M” location     | Section 32 | T-20-N, R-34-E | Union County |
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Ms. Wilda Hutcherson Redin  
May 23, 2002  
Page 2

Your royalty ownership originates in your April 27, 1971 Oil and Gas Lease from Claude Hutcherson and wife, Wilda (Lessor) to Amoco Production Company (Lessee). This lease is not included in the BDGU due to non-ratification of the BDGU. Most of the above wells are within an existing 640-acre pooled unit—as allowed under the lease—and contain varying amounts of land covered by your lease. Therefore, each of this type of proposed well will be the second CO<sub>2</sub> well within its 640-acre pooled unit. All additional royalty from a successful, new CO<sub>2</sub> well on each pooled unit will be apportioned on a unit net acreage basis, which is the same manner as it is currently calculated and paid from the existing CO<sub>2</sub> well on a 640-acre pooled unit.

Yours very truly,

**Original Signed By**  
**Alan J. Schwartz**

Attachment

Hutcherson Notice2.doc

cc: Ms. Marsha George  
P.O Box 369  
Hart, TX 79043-0369

Mr. Michael C. Hutcherson  
P.O. Box 940  
Plainview, TX 79073-0940

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Ms. Wilda Hutcherson Redin  
 102 Kirchwood St.  
 Plainview, TX 79702-6523

2. Article Number (Copy from service label)  
 7000-0600-0025-0797-1602

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) *Betty Peña* B. Date of Delivery *5/28/02*

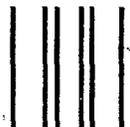
C. Signature *Betty Peña*  Agent  Addressee

D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

UNITED STATES POSTAL SERVICE



First-Class Mail  
 Postage & Fees Paid  
 USPS  
 Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Cixy USA, Inc.  
 P.O. Box 4294  
 Houston, TX 77210-4294  
 Attn: Alan J. Schwartz

210+4294



State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |  |
|---|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OKY USA Inc.</b><br><b>P.O. Box 50250 Midland, TX 79710-0250</b> |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
|   |  | <sup>3</sup> API Number<br><b>30- 059-</b> |
| <sup>4</sup> Property Code<br><b>27111</b>  | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 1934</b> | <sup>6</sup> Well No.<br><b>082</b>        |

<sup>7</sup> Surface Location

| UL or lot no. | Section  | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
|---------------|----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| <b>N</b>      | <b>8</b> | <b>19N</b> | <b>34E</b> |          | <b>644</b>    | <b>South</b>     | <b>2439</b>   | <b>West</b>    | <b>Union</b> |

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

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

|  |              |                               |
|--|--------------|-------------------------------|
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> | <b>96010</b> | <sup>10</sup> Proposed Pool 2 |
|--|--------------|-------------------------------|

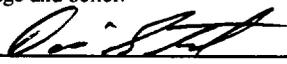
|  |  |  |   |   |
|--|--|--|---|---|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4717.8</b> |
| <sup>16</sup> Multiple<br><b>No</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>              |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size      | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
|----------------|---------------|---------------------|---------------|-----------------|----------------|
| <b>12-1/4"</b> | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300ex</b>    | <b>Surface</b> |
| <b>7-7/8"</b>  | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300ex</b>    | <b>Surface</b> |
|                |               |                     |               |                 |                |
|                |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                                  |                                   |
|--|----------------------------------|-----------------------------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. | <b>OIL CONSERVATION DIVISION</b> |                                   |
| Signature:                                | Approved by:                     |                                   |
| Printed name: <b>David Stewart</b>   | Title:                           |                                   |
| Title: <b>Sr. Regulatory Analyst</b>   | Approval Date:                   | Expiration Date:                  |
| Date: <b>7/11/02</b>   | Phone: <b>915-685-5717</b>       | Conditions of Approval:           |
|  |                                  | Attached <input type="checkbox"/> |

**ATTACHMENT C-101**  
**BDCDGU 1934-082**

**PROPOSED TD:** 2600' TVD

**BOP PROGRAM:** 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

**CASING:** Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

**CEMENT:** Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)  
Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

**MUD:** 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

**ESTIMATED FORMATION TOPS:**

Tubb- 2290 ' Cimarron- 2273 ' San Andres- 1478 ' Santa Rosa- 1198 '

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |   |                                 |   |
|-------------------------------------|---|---------------------------------|---|
| <sup>1</sup> API Number             |   | <sup>2</sup> Pool Code<br>96010 | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |
| <sup>4</sup> Property Code<br>27111 | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 1934 |                                 | <sup>6</sup> Well Number<br>082                               |
| <sup>7</sup> OGRID No.<br>16696     | <sup>8</sup> Operator Name<br>OXY USA INC.                            |                                 | <sup>9</sup> Elevation<br>4917.8                              |

<sup>10</sup> Surface Location

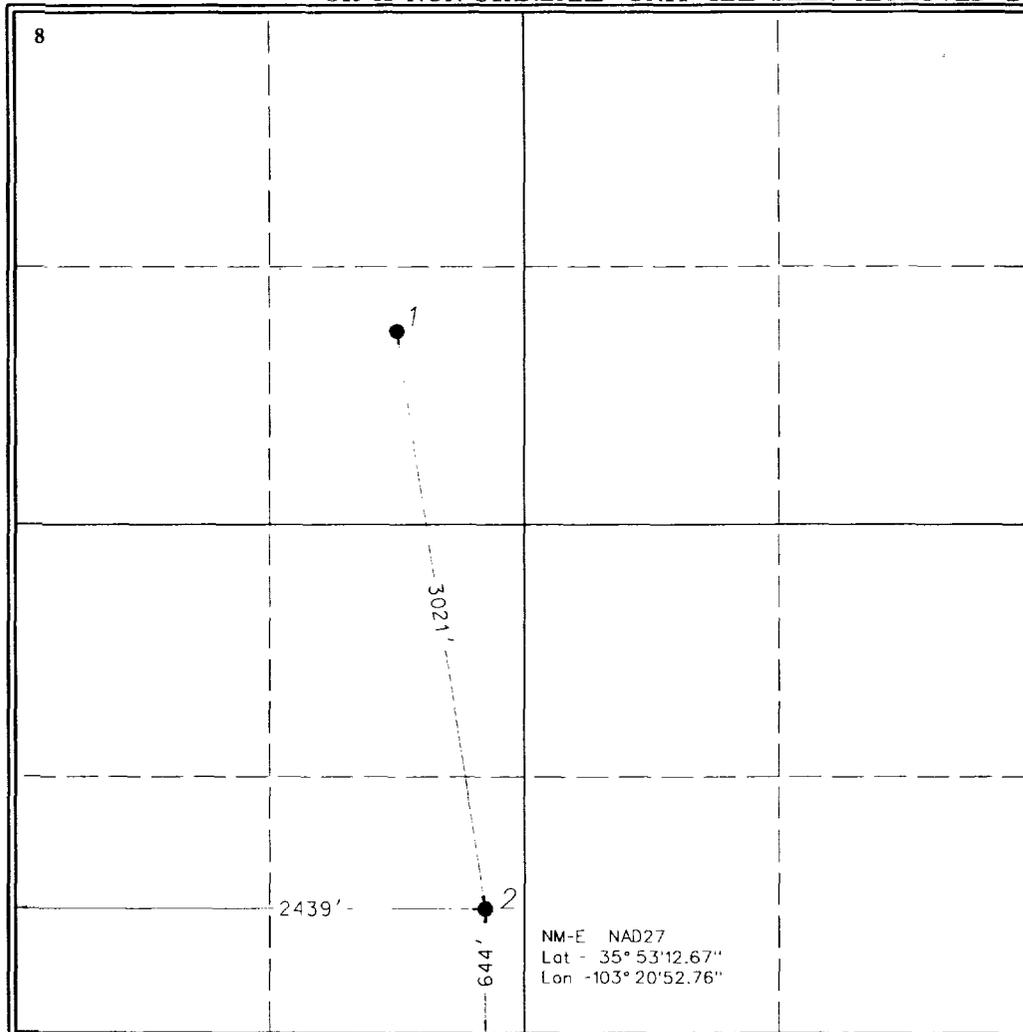
| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| N             | 8       | 19 N     | 34 E  |          | 644'          | SOUTH            | 2439'         | WEST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>1 | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



NM-E NAD27  
Lat - 35° 53' 12.67"  
Lon - 103° 20' 52.76"

<sup>17</sup> OPERATOR CERTIFICATION

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

*David Stewart*  
Signature

David Stewart  
Printed Name

Sr. Regulatory Analyst  
Title

7/1/02  
Date

Date

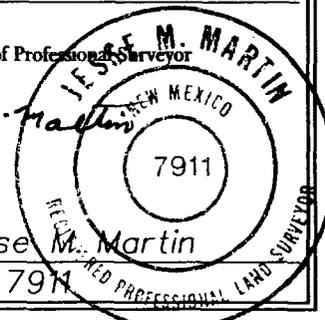
<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 3, 2002  
Date of Survey

Signature and Seal of Professional Surveyor

*Jesse M. Martin*  
Signature



Jesse M. Martin  
Certificate Number 7911

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to appropriate District Office  
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Fee Lease - 5 Copies

AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |  |
|---|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OKY USA Inc.</b><br><b>P.O. Box 50250 Midland, TX 79710-0250</b> |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
|   |  | <sup>3</sup> API Number<br><b>30- 059-</b> |
| <sup>4</sup> Property Code<br><b>27111</b>  | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 1934</b> | <sup>6</sup> Well No.<br><b>092</b>        |

<sup>7</sup> Surface Location

| UL or lot no. | Section  | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
|---------------|----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| <b>C</b>      | <b>9</b> | <b>19N</b> | <b>34E</b> |          | <b>173</b>    | <b>north</b>     | <b>2291</b>   | <b>west</b>    | <b>Union</b> |

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

| UL or lot no.  | Section | Township | Range | Lot. Idn | Feet from the | North/South Line              | Feet from the | East/West line | County |
|--|---------|----------|-------|----------|---------------|-------------------------------|---------------|----------------|--------|
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> |         |          |       |          | <b>96010</b>  | <sup>10</sup> Proposed Pool 2 |               |                |        |

|  |  |  |   |  |
|--|--|--|---|--|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4835.0'</b> |
| <sup>16</sup> Multiple<br><b>No</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>               |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size      | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
|----------------|---------------|---------------------|---------------|-----------------|----------------|
| <b>12-1/4"</b> | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300sck</b>   | <b>Surface</b> |
| <b>7-7/8"</b>  | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300sck</b>   | <b>Surface</b> |
|                |               |                     |               |                 |                |
|                |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                            |                                   |                  |
|--|----------------------------|-----------------------------------|------------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. |                            | <b>OIL CONSERVATION DIVISION</b>  |                  |
| Signature: <i>David Stewart</i>  |                            | Approved by:                      |                  |
| Printed name: <b>David Stewart</b>   |                            | Title:                            |                  |
| Title: <b>Sr. Regulatory Analyst</b>   |                            | Approval Date:                    | Expiration Date: |
| Date: <b>7/10/02</b>   | Phone: <b>915-685-5717</b> | Conditions of Approval:           |                  |
|  |                            | Attached <input type="checkbox"/> |                  |

**ATTACHMENT C-101**  
**BDCDGU 1934-092**

**PROPOSED TD:** 2600' TVD

**BOP PROGRAM:** 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

**CASING:** Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

**CEMENT:** Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake. (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)

Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

**MUD:** 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

**ESTIMATED FORMATION TOPS:**

Tubb- 2231 ' Cimarron- 2212 ' San Andres- 1446 ' Santa Rosa- 1159 '

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994

Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |   |   |
|-------------------------------------|---|---|
| <sup>1</sup> API Number             | <sup>2</sup> Pool Code<br>96010                                       | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |
| <sup>4</sup> Property Code<br>27111 | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 1934 |   |
| <sup>7</sup> OGRID No.<br>16696     | <sup>8</sup> Operator Name<br>OXY USA INC.                            | <sup>6</sup> Well Number<br>092                               |
|                                     |   | <sup>9</sup> Elevation<br>4885.8                              |

<sup>10</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| C             | 9       | 19 N     | 34 E  |          | 173'          | NORTH            | 2281'         | WEST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>1 | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|  |                     |  |
|--|---------------------|--|
|  | <p><sup>9</sup></p> | <p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>David Stewart</i></p> <p>Signature</p> <p>David Stewart</p> <p>Printed Name</p> <p>Sr. Regulatory Analyst</p> <p>Title</p> <p>7/11/02</p> <p>Date</p>  |
|  |                     | <p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>June 3, 2002</p> <p>Date of Survey</p> <p>Jesse M. Martin</p> <p>Signature and Seal of Professional Surveyor</p> <p>Jesse M. Martin</p> <p>Jesse M. Martin</p> <p>Certificate Number 7911</p> |

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |  |
|---|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OKY USA Inc.</b><br><b>P.O. Box 50250 Midland, TX 79710-0250</b> |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
|   |  | <sup>3</sup> API Number<br><b>30- 059-</b> |
| <sup>4</sup> Property Code<br><b>27111</b>  | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 1934</b> | <sup>6</sup> Well No.<br><b>142</b>        |

| <sup>7</sup> Surface Location |           |            |            |          |               |                  |               |                |              |
|-------------------------------|-----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| UL or lot no.                 | Section   | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
| <b>N</b>                      | <b>14</b> | <b>19N</b> | <b>34E</b> |          | <b>703</b>    | <b>South</b>     | <b>2466</b>   | <b>West</b>    | <b>Union</b> |

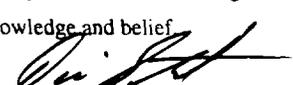
| <sup>8</sup> Proposed Bottom Hole Location If Different From Surface     |         |          |       |          |   |                  |               |                |        |
|--|---------|----------|-------|----------|---|------------------|---------------|----------------|--------|
| UL or lot no.  | Section | Township | Range | Lot. Idn | Feet from the                                 | North/South Line | Feet from the | East/West line | County |
|  |         |          |       |          |   |                  |               |                |        |
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> |         |          |       |          | <sup>10</sup> Proposed Pool 2<br><b>96010</b> |                  |               |                |        |

|  |  |  |   |  |
|--|--|--|---|--|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4720.5'</b> |
| <sup>16</sup> Multiple<br><b>No</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>               |

| <sup>21</sup> Proposed Casing and Cement Program |               |                     |               |                 |                |
|--|---------------|---------------------|---------------|-----------------|----------------|
| Hole Size  | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
| <b>12-1/4"</b>                                   | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300sck</b>   | <b>Surface</b> |
| <b>7-7/8"</b>                                    | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300sck</b>   | <b>Surface</b> |
|  |               |                     |               |                 |                |
|  |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                                  |                                   |
|--|----------------------------------|-----------------------------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. | <b>OIL CONSERVATION DIVISION</b> |                                   |
| Signature:                                | Approved by:                     |                                   |
| Printed name: <b>David Stewart</b>   | Title:                           |                                   |
| Title: <b>Sr. Regulatory Analyst</b>   | Approval Date:                   | Expiration Date:                  |
| Date: <b>7/11/02</b>   | Phone: <b>915-685-5717</b>       | Conditions of Approval:           |
|  |                                  | Attached <input type="checkbox"/> |

**ATTACHMENT C-101**  
**BDCDGV 1934-142**

**PROPOSED TD:** 2600' TVD

**BOP PROGRAM:** 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

**CASING:** Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

**CEMENT:** Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)

Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

**MUD:** 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

**ESTIMATED FORMATION TOPS:**

Tubb- 2143 ' Cimarron- 2127 ' San Andres- 1349 ' Santa Rosa- 1059 '

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |   |   |
|-------------------------------------|---|---|
| <sup>1</sup> API Number             | <sup>2</sup> Pool Code<br>96010                                       | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |
| <sup>4</sup> Property Code<br>27111 | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 1934 |   |
| <sup>7</sup> OGRID No.<br>16696     | <sup>8</sup> Operator Name<br>OXY USA INC.                            | <sup>6</sup> Well Number<br>142                               |
|                                     |   | <sup>9</sup> Elevation<br>4720.5                              |

<sup>10</sup> Surface Location

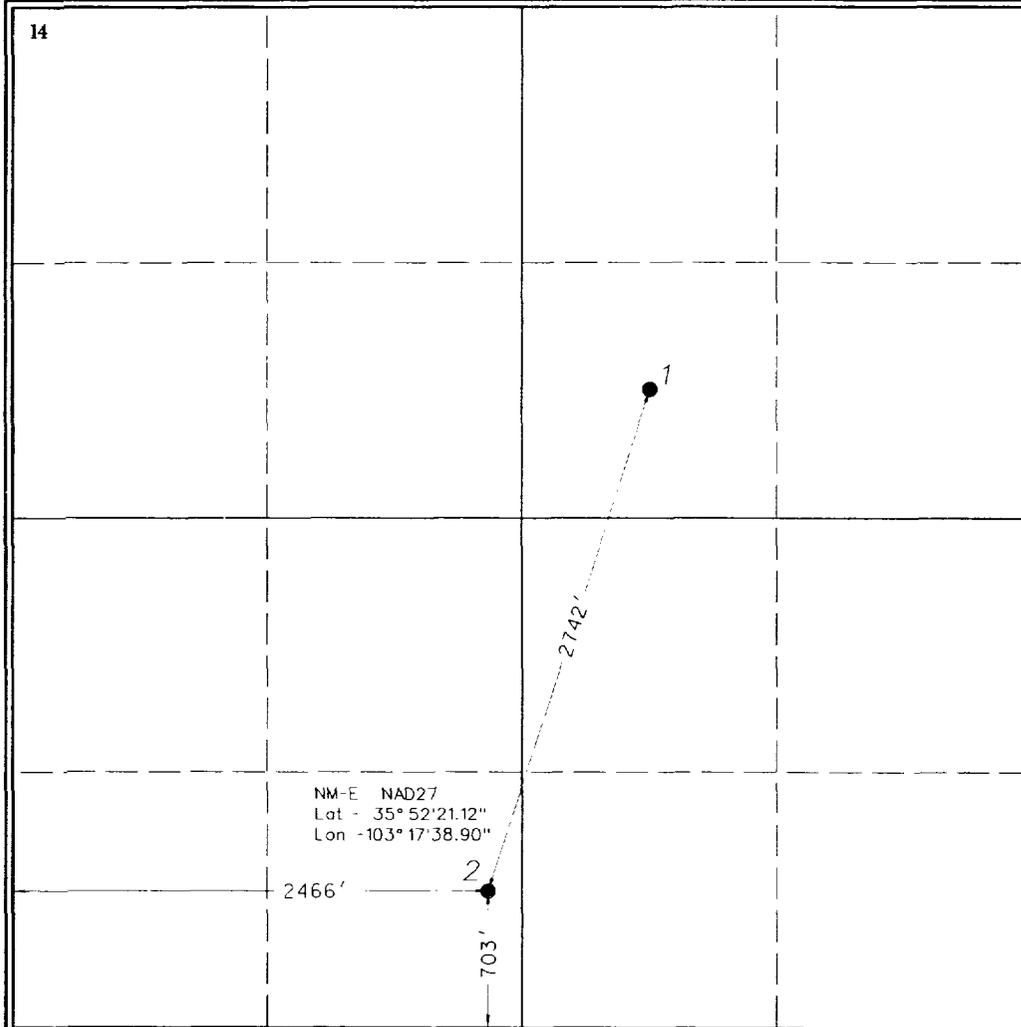
| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| N             | 14      | 19 N     | 34 E  |          | 703'          | SOUTH            | 2466'         | WEST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>1 | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

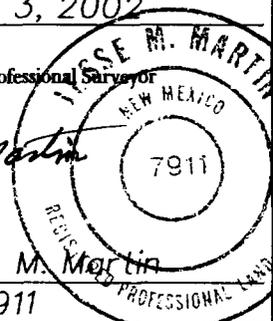
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*David Stewart*  
Signature  
David Stewart  
Printed Name  
Sr. Regulatory Analyst  
Title  
7/1/02  
Date

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 3, 2002  
Date of Survey  
Jesse M. Martin  
Signature and Seal of Professional Surveyor  
Jesse M. Martin  
Certificate Number 7911



State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

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AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |  |
|---|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OKY USA Inc.</b><br><b>P.O. Box 50250 Midland, TX 79710-0250</b> |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
|   |  | <sup>3</sup> API Number<br><b>30- 059-</b> |
| <sup>4</sup> Property Code<br><b>27111</b>  | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 1934</b> | <sup>6</sup> Well No.<br><b>222</b>        |

<sup>7</sup> Surface Location

| UL or lot no. | Section   | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
|---------------|-----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| <b>J</b>      | <b>22</b> | <b>19N</b> | <b>34E</b> |          | <b>1673</b>   | <b>South</b>     | <b>1641.</b>  | <b>East</b>    | <b>Union</b> |

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

| UL or lot no.  | Section | Township | Range | Lot. Idn | Feet from the                                 | North/South Line | Feet from the | East/West line | County |
|--|---------|----------|-------|----------|---|------------------|---------------|----------------|--------|
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> |         |          |       |          | <sup>10</sup> Proposed Pool 2<br><b>96010</b> |                  |               |                |        |

|  |  |  |   |  |
|--|--|--|---|--|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4799'</b> |
| <sup>16</sup> Multiple<br><b>No</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>             |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size      | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
|----------------|---------------|---------------------|---------------|-----------------|----------------|
| <b>12-1/4"</b> | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300sx</b>    | <b>Surface</b> |
| <b>7-7/8"</b>  | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300sx</b>    | <b>Surface</b> |
|                |               |                     |               |                 |                |
|                |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                            |                                   |                  |
|--|----------------------------|-----------------------------------|------------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. |                            | <b>OIL CONSERVATION DIVISION</b>  |                  |
| Signature:                                |                            | Approved by:                      |                  |
| Printed name: <b>David Stewart</b>   |                            | Title:                            |                  |
| Title: <b>Sr. Regulatory Analyst</b>   |                            | Approval Date:                    | Expiration Date: |
| Date: <b>7/11/02</b>   | Phone: <b>915-685-5717</b> | Conditions of Approval:           |                  |
|  |                            | Attached <input type="checkbox"/> |                  |

**ATTACHMENT C-101**  
**BDCDGU 1934 - 222**

**PROPOSED TD:** 2600' TVD

**BOP PROGRAM:** 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

**CASING:** Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

**CEMENT:** Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)  
Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

**MUD:** 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

**ESTIMATED FORMATION TOPS:**

Tubb- 2135 ' Cimarron- 2117 ' San Andres- 1303 ' Santa Rosa- 970 '

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

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Revised October 18, 1994

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |  |   |  |   |                                  |
|-------------------------------------|--|---|--|---|----------------------------------|
| <sup>1</sup> API Number             |  | <sup>2</sup> Pool Code<br>96010                                       |  | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |                                  |
| <sup>4</sup> Property Code<br>27111 |  | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 1934 |  |   | <sup>6</sup> Well Number<br>222  |
| <sup>7</sup> OGRID No.<br>16696     |  | <sup>8</sup> Operator Name<br>OXY USA INC.                            |  |   | <sup>9</sup> Elevation<br>4799.0 |

<sup>10</sup> Surface Location

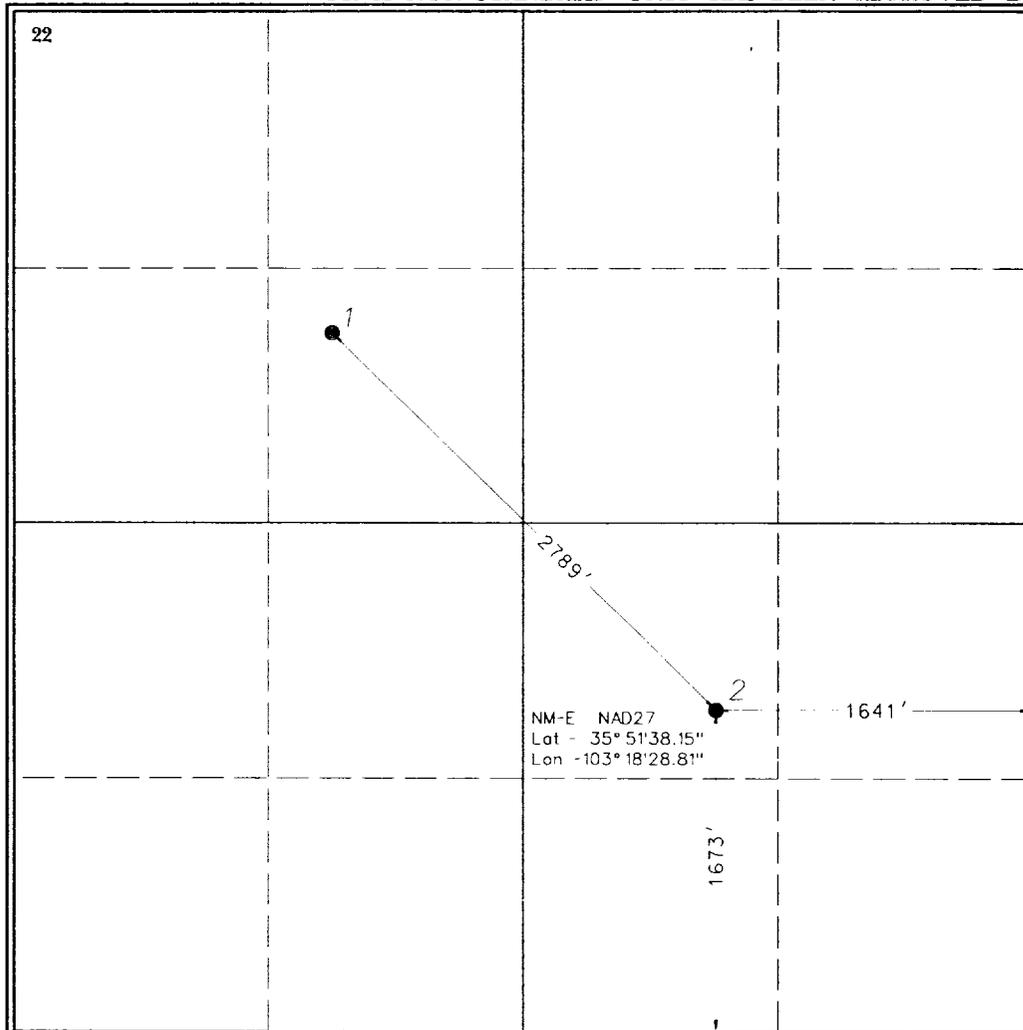
| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| J             | 22      | 19 N     | 34 E  |          | 1673'         | SOUTH            | 1641'         | EAST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>1 | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

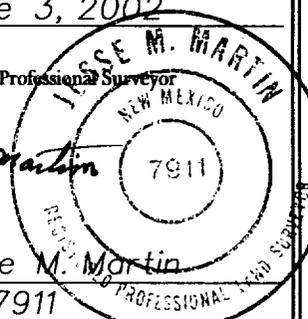
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*David Stewart*  
Signature  
David Stewart  
Printed Name  
Sr. Regulatory Analyst  
Title  
7/11/02  
Date

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 3, 2002  
Date of Survey  
Signature and Seal of Professional Surveyor  
*Jesse M. Martin*  
Jesse M. Martin  
Certificate Number 7911



State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

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AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|  |  |  |
|--|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OKY USA Inc.</b><br>P.O. Box 50250 Midland, TX 79710-0250 |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
| <sup>4</sup> Property Code<br><b>27111</b>   | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 1934</b> | <sup>3</sup> API Number<br><b>30- 059-</b> |
|  |  | <sup>6</sup> Well No.<br><b>232</b>        |

<sup>7</sup> Surface Location

| UL or lot no. | Section   | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
|---------------|-----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| <b>I</b>      | <b>23</b> | <b>19N</b> | <b>34E</b> |          | <b>2347</b>   | <b>South</b>     | <b>1267</b>   | <b>East</b>    | <b>Union</b> |

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

| UL or lot no.  | Section | Township | Range | Lot. Idn | Feet from the                                 | North/South Line | Feet from the | East/West line | County |
|--|---------|----------|-------|----------|---|------------------|---------------|----------------|--------|
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> |         |          |       |          | <sup>10</sup> Proposed Pool 2<br><b>96010</b> |                  |               |                |        |

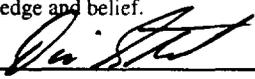
|  |  |  |   |  |
|--|--|--|---|--|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4731.6'</b> |
| <sup>16</sup> Multiple<br><b>No</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>               |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size      | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
|----------------|---------------|---------------------|---------------|-----------------|----------------|
| <b>12-1/4"</b> | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300sx</b>    | <b>Surface</b> |
| <b>7-7/8"</b>  | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300sx</b>    | <b>Surface</b> |
|                |               |                     |               |                 |                |
|                |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                                  |                         |
|--|----------------------------------|-------------------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. | <b>OIL CONSERVATION DIVISION</b> |                         |
| Signature:                                | Approved by:                     |                         |
| Printed name: <b>David Stewart</b>   | Title:                           |                         |
| Title: <b>Sr. Regulatory Analyst</b>   | Approval Date:                   | Expiration Date:        |
| Date: <b>7/11/02</b>   | Phone: <b>915-685-5717</b>       | Conditions of Approval: |
| Attached <input type="checkbox"/>  |                                  |                         |

**ATTACHMENT C-101**  
**BDCDGU 1934-232**

**PROPOSED TD:** 2600' TVD

**BOP PROGRAM:** 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

**CASING:** Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

**CEMENT:** Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)

Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

**MUD:** 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

**ESTIMATED FORMATION TOPS:**

Tubb- 2142 , Cimarron- 2129 , San Andres- 1397 , Santa Rosa- 984 ,

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |   |                                 |   |
|-------------------------------------|---|---------------------------------|---|
| <sup>1</sup> API Number             |   | <sup>2</sup> Pool Code<br>96010 | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |
| <sup>4</sup> Property Code<br>27111 | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 1934 |                                 | <sup>6</sup> Well Number<br>232                               |
| <sup>7</sup> OGRID No.<br>16696     | <sup>8</sup> Operator Name<br>OXY USA INC.                            |                                 | <sup>9</sup> Elevation<br>4731.6                              |

<sup>10</sup> Surface Location

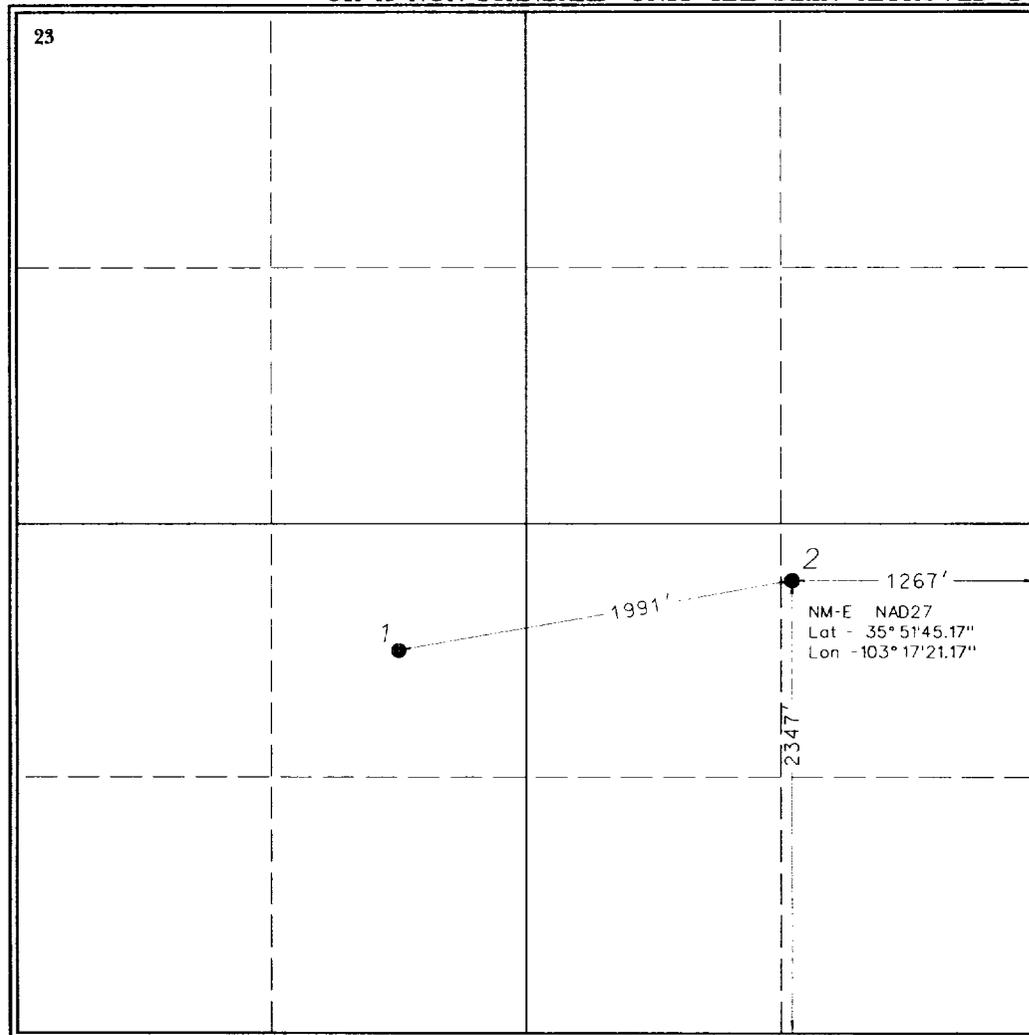
| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| 1             | 23      | 19 N     | 34 E  |          | 2347'         | SOUTH            | 1267'         | EAST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>1 | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

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

*David Stewart*  
Signature

David Stewart

Sr. Regulatory Analyst  
Title

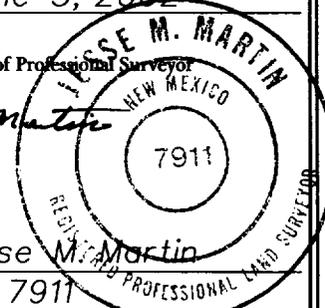
7/1/02  
Date

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 3, 2002  
Date of Survey

*Jesse M. Martin*  
Signature and Seal of Professional Surveyor



Jesse M. Martin  
Certificate Number 7911

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |  |
|---|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OKY USA Inc.</b><br><b>P.O. Box 50250 Midland, TX 79710-0250</b> |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
| <sup>4</sup> Property Code<br><b>27111</b>  | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 1934</b> | <sup>3</sup> API Number<br><b>30- 059-</b> |
|   |  | <sup>6</sup> Well No.<br><b>282</b>        |

<sup>7</sup> Surface Location

| UL or lot no. | Section   | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
|---------------|-----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| <b>J</b>      | <b>28</b> | <b>19N</b> | <b>34E</b> |          | <b>1672</b>   | <b>South</b>     | <b>2314</b>   | <b>East</b>    | <b>Union</b> |

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

| UL or lot no.  | Section | Township | Range | Lot. Idn | Feet from the                                 | North/South Line | Feet from the | East/West line | County |
|--|---------|----------|-------|----------|---|------------------|---------------|----------------|--------|
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> |         |          |       |          | <sup>10</sup> Proposed Pool 2<br><b>96010</b> |                  |               |                |        |

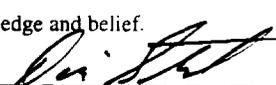
|  |  |  |   |  |
|--|--|--|---|--|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4843.6'</b> |
| <sup>16</sup> Multiple<br><b>No</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>               |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size      | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
|----------------|---------------|---------------------|---------------|-----------------|----------------|
| <b>12-1/4"</b> | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300sck</b>   | <b>Surface</b> |
| <b>7-7/8"</b>  | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300sck</b>   | <b>Surface</b> |
|                |               |                     |               |                 |                |
|                |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                            |  |                  |
|--|----------------------------|--|------------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. |                            | <b>OIL CONSERVATION DIVISION</b>                             |                  |
| Signature:                                |                            | Approved by:   |                  |
| Printed name: <b>David Stewart</b>   |                            | Title:   |                  |
| Title: <b>Sr. Regulatory Analyst</b>   |                            | Approval Date:   | Expiration Date: |
| Date: <b>7/11/02</b>   | Phone: <b>915-685-5717</b> | Conditions of Approval:<br>Attached <input type="checkbox"/> |                  |

**ATTACHMENT C-101**  
**BDCDGU 1934 - 282**

**PROPOSED TD:** 2600' TVD

**BOF PROGRAM:** 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

**CASING:** Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

**CEMENT:** Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)  
Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

**MUD:** 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

**ESTIMATED FORMATION TOPS:**

Tubo- 2232 ' Cimarron- 2215 ' San Andres- 1436 ' Santa Rosa- 1127 '

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |   |   |
|-------------------------------------|---|---|
| <sup>1</sup> API Number             | <sup>2</sup> Pool Code<br>96010                                       | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |
| <sup>4</sup> Property Code<br>27111 | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 1934 |   |
| <sup>7</sup> OGRID No.<br>16696     | <sup>8</sup> Operator Name<br>OXY USA INC.                            | <sup>6</sup> Well Number<br>282                               |
|                                     |   | <sup>9</sup> Elevation<br>4843.6                              |

<sup>10</sup> Surface Location

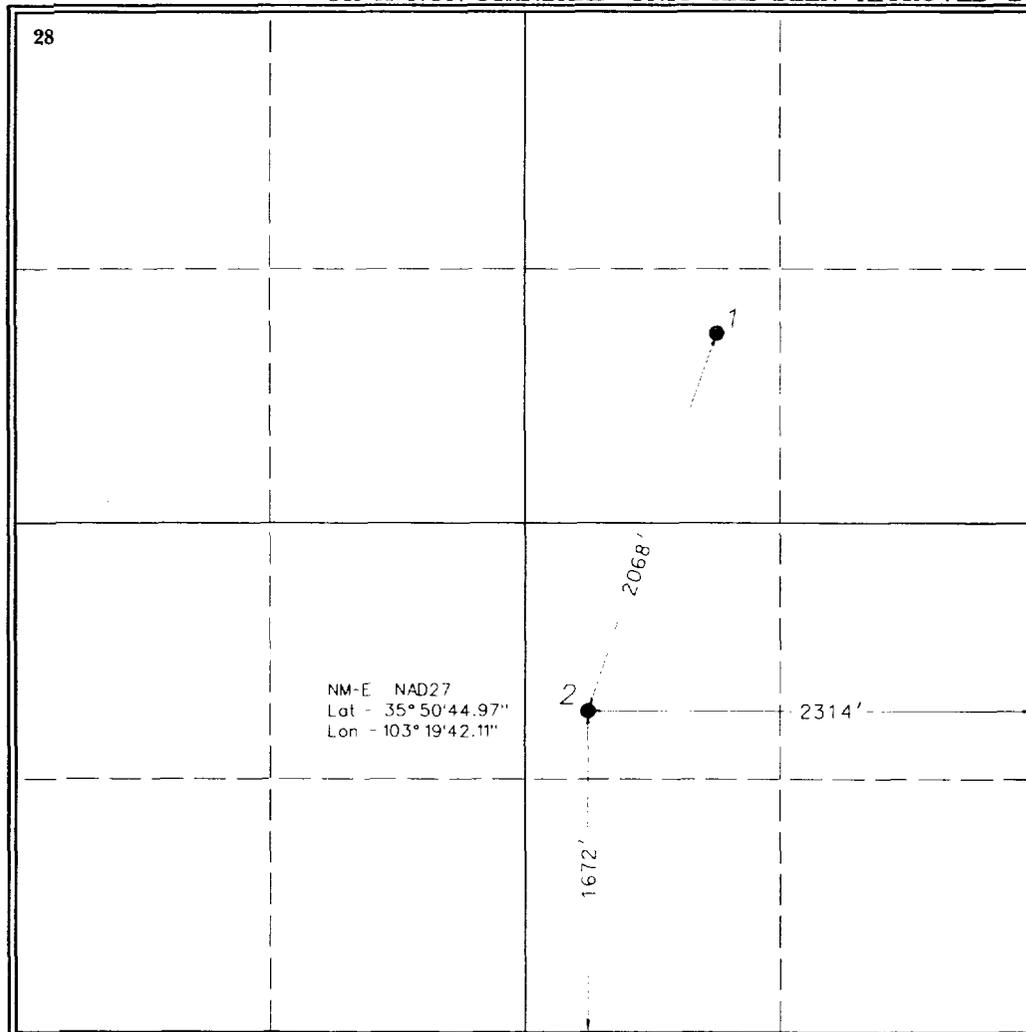
| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| J             | 28      | 19 N     | 34 E  |          | 1672'         | SOUTH            | 2314'         | EAST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>/ | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

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

*David Stewart*  
Signature  
David Stewart  
Printed Name  
Sr. Regulatory Analyst  
Title  
7/11/02  
Date

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 3, 2002  
Date of Survey  
Signature and Seal of Professional Surveyor  
*Jesse M. Martin*  
Jesse M. Martin  
Certificate Number 7911

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |  |
|---|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OKY USA Inc.</b><br><b>P.O. Box 50250 Midland, TX 79710-0250</b> |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
| <sup>4</sup> Property Code<br><b>27111</b>  | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 1935</b> | <sup>3</sup> API Number<br><b>30- 059-</b> |
|   |  | <sup>6</sup> Well No.<br><b>052</b>        |

<sup>7</sup> Surface Location

| UL or lot no. | Section  | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
|---------------|----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| <b>0</b>      | <b>5</b> | <b>19N</b> | <b>35E</b> |          | <b>584</b>    | <b>South</b>     | <b>1963</b>   | <b>East</b>    | <b>Union</b> |

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

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

|  |              |                               |
|--|--------------|-------------------------------|
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> | <b>96010</b> | <sup>10</sup> Proposed Pool 2 |
|--|--------------|-------------------------------|

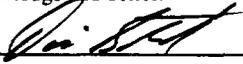
|  |  |  |   |  |
|--|--|--|---|--|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4671.3'</b> |
| <sup>16</sup> Multiple<br><b>No</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>               |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size      | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
|----------------|---------------|---------------------|---------------|-----------------|----------------|
| <b>12-1/4"</b> | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300sx</b>    | <b>Surface</b> |
| <b>7-7/8"</b>  | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300sx</b>    | <b>Surface</b> |
|                |               |                     |               |                 |                |
|                |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                                  |                         |
|--|----------------------------------|-------------------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. | <b>OIL CONSERVATION DIVISION</b> |                         |
| Signature:                                | Approved by:                     |                         |
| Printed name: <b>David Stewart</b>   | Title:                           |                         |
| Title: <b>Sr. Regulatory Analyst</b>   | Approval Date:                   | Expiration Date:        |
| Date: <b>7/11/02</b>   | Phone: <b>915-685-5717</b>       | Conditions of Approval: |
| Attached <input type="checkbox"/>  |                                  |                         |

**ATTACHMENT C-101**  
**BDCDGU 1935-052**

**PROPOSED TD:** 2600' TVD

**BOP PROGRAM:** 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

**CASING:** Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

**CEMENT:** Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)  
Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

**MUD:** 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

**ESTIMATED FORMATION TOPS:**

Tubb- 2111 ' Cimarron- 2094 ' San Andres- 1268 ' Santa Rosa- 942 '

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
Instructions on back  
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Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |   |   |
|-------------------------------------|---|---|
| <sup>1</sup> API Number             | <sup>2</sup> Pool Code<br>96010                                       | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |
| <sup>4</sup> Property Code<br>27111 | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 1935 | <sup>6</sup> Well Number<br>052                               |
| <sup>7</sup> OGRID No.<br>16696     | <sup>8</sup> Operator Name<br>OXY USA INC.                            | <sup>9</sup> Elevation<br>4671.3                              |

<sup>10</sup> Surface Location

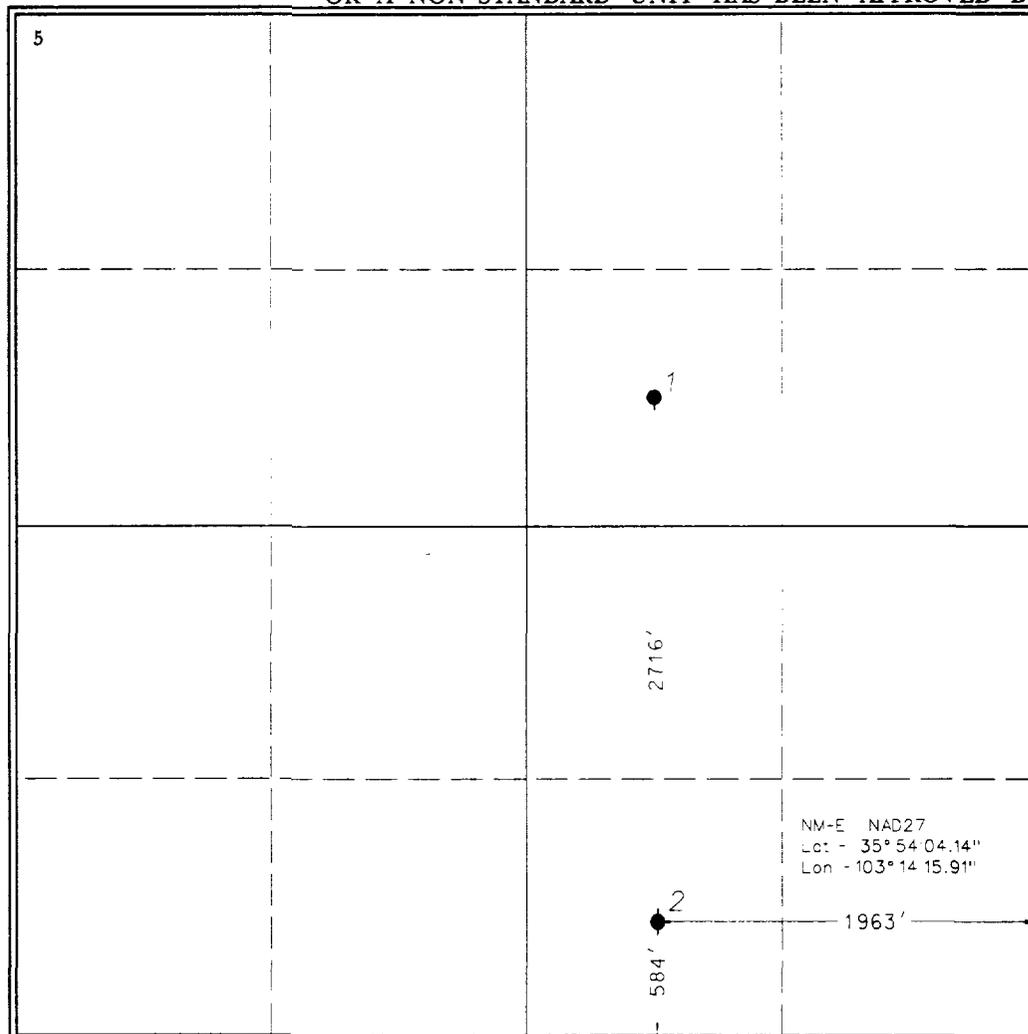
| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| 0             | 5       | 19 N     | 35 E  |          | 584'          | SOUTH            | 1963'         | EAST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>1 | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



**17 OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*David Stewart*  
Signature  
David Stewart  
Printed Name  
Sr. Regulatory Analyst  
Title  
7/1/02  
Date

**18 SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 3, 2002  
Date of Survey  
Signature and Seal of Professional Surveyor  
*Jesse M. Martin*  
Jesse M. Martin  
Certificate Number 7911

NM-E NAD27  
Lat - 35° 54' 04.14"  
Lon - 103° 14' 15.91"

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |  |
|---|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OKY USA Inc.</b><br><b>P.O. Box 50250 Midland, TX 79710-0250</b> |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
|   |  | <sup>3</sup> API Number<br><b>30- 059-</b> |
| <sup>4</sup> Property Code<br><b>27111</b>  | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 1935</b> | <sup>6</sup> Well No.<br><b>072</b>        |

<sup>7</sup> Surface Location

| UL or lot no. | Section  | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
|---------------|----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| <b>0</b>      | <b>7</b> | <b>19N</b> | <b>35E</b> |          | <b>660</b>    | <b>South</b>     | <b>2005</b>   | <b>east</b>    | <b>Union</b> |

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

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

|  |              |                               |
|--|--------------|-------------------------------|
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> | <b>96010</b> | <sup>10</sup> Proposed Pool 2 |
|--|--------------|-------------------------------|

|  |  |  |   |  |
|--|--|--|---|--|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4664.8'</b> |
| <sup>16</sup> Multiple<br><b>No</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>               |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size      | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
|----------------|---------------|---------------------|---------------|-----------------|----------------|
| <b>12-1/4"</b> | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300sx</b>    | <b>Surface</b> |
| <b>7-7/8"</b>  | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300sx</b>    | <b>Surface</b> |
|                |               |                     |               |                 |                |
|                |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                            |  |                  |
|--|----------------------------|--|------------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. |                            | <b>OIL CONSERVATION DIVISION</b>                             |                  |
| Signature: <i>David Stewart</i>  |                            | Approved by:   |                  |
| Printed name: <b>David Stewart</b>   |                            | Title:   |                  |
| Title: <b>Sr. Regulatory Analyst</b>   |                            | Approval Date:   | Expiration Date: |
| Date: <b>7/16/02</b>   | Phone: <b>915-685-5717</b> | Conditions of Approval:<br>Attached <input type="checkbox"/> |                  |

ATTACHMENT C-101  
BDCDGU 1935-072

PROPOSED TD: 2600' TVD

BOP PROGRAM: 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

CASING: Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

CEMENT: Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)

Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

MUD: 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

ESTIMATED FORMATION TOPS:

Tubb- 2072 ' Cimarron- 2045 ' San Andres- 1261 ' Santa Rosa- 952 '

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
Instructions on back  
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |   |   |
|-------------------------------------|---|---|
| <sup>1</sup> API Number             | <sup>2</sup> Pool Code<br>96010                                       | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |
| <sup>4</sup> Property Code<br>27111 | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 1935 |   |
| <sup>7</sup> OGRID No.<br>16696     | <sup>8</sup> Operator Name<br>OXY USA INC.                            | <sup>6</sup> Well Number<br>072                               |
|                                     |   | <sup>9</sup> Elevation<br>4664.8                              |

<sup>10</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| 0             | 7       | 19 N     | 35 E  |          | 660'          | SOUTH            | 2005'         | EAST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>/ | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|   |  |
|---|--|
| <p>7</p> <p>NM-E NAD27<br/>Lat - 35° 53' 13.30"<br/>Lon - 103° 15' 21.75"</p> | <p><b>17 OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>David Stewart</i></p> <p>Signature<br/>David Stewart<br/>Printed Name<br/>Sr. Regulatory Analyst<br/>Title<br/>7/11/02<br/>Date</p>   |
|   | <p><b>18 SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>June 3, 2002</p> <p>Date of Survey<br/>Signature and Seal of Professional Surveyor<br/><i>Jesse M. Martin</i><br/>7911<br/>Jesse M. Martin<br/>Certificate Number 7911</p> |

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to appropriate District Office  
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AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |  |
|---|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OXY USA Inc.</b><br><b>P.O. Box 50250 Midland, TX 79710-0250</b> |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
| <sup>4</sup> Property Code<br><b>27111</b>  | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 1935</b> | <sup>3</sup> API Number<br><b>30- 059-</b> |
|   |  | <sup>6</sup> Well No.<br><b>082</b>        |

| <sup>7</sup> Surface Location |          |            |            |          |               |                  |               |                |              |
|-------------------------------|----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| UL or lot no.                 | Section  | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
| <b>F</b>                      | <b>B</b> | <b>19N</b> | <b>3SE</b> |          | <b>1635</b>   | <b>North</b>     | <b>1659</b>   | <b>West</b>    | <b>Union</b> |

| <sup>8</sup> Proposed Bottom Hole Location If Different From Surface |         |          |       |          |               |                  |               |                |        |
|--|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| UL or lot no.  | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|  |         |          |       |          |               |                  |               |                |        |

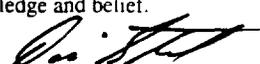
|  |              |                               |
|--|--------------|-------------------------------|
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> | <b>96010</b> | <sup>10</sup> Proposed Pool 2 |
|--|--------------|-------------------------------|

|  |  |  |   |  |
|--|--|--|---|--|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4642.3'</b> |
| <sup>16</sup> Multiple<br><b>No</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>               |

| <sup>21</sup> Proposed Casing and Cement Program |               |                     |               |                 |                |
|--|---------------|---------------------|---------------|-----------------|----------------|
| Hole Size  | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
| <b>12-1/4"</b>                                   | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300sx</b>    | <b>Surface</b> |
| <b>7-7/8"</b>                                    | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300sx</b>    | <b>Surface</b> |
|  |               |                     |               |                 |                |
|  |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                                  |                                   |
|--|----------------------------------|-----------------------------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. | <b>OIL CONSERVATION DIVISION</b> |                                   |
| Signature:                                | Approved by:                     |                                   |
| Printed name: <b>David Stewart</b>   | Title:                           |                                   |
| Title: <b>Sr. Regulatory Analyst</b>   | Approval Date:                   | Expiration Date:                  |
| Date: <b>7/11/02</b>   | Phone: <b>915-685-5717</b>       | Conditions of Approval:           |
|  |                                  | Attached <input type="checkbox"/> |

**ATTACHMENT C-101**  
**BDCDGV 1935-082**

**PROPOSED TD:** 2600' TVD

**BOP PROGRAM:** 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

**CASING:** Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

**CEMENT:** Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)  
Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

**MUD:** 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

**ESTIMATED FORMATION TOPS:**

Tubb- 2064 ' Cimarron- 2049 ' San Andres- 1242 ' Santa Rosa- 783 '

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |  |   |  |   |                                  |
|-------------------------------------|--|---|--|---|----------------------------------|
| <sup>1</sup> API Number             |  | <sup>2</sup> Pool Code<br>96010                                       |  | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |                                  |
| <sup>4</sup> Property Code<br>27111 |  | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 1935 |  |   | <sup>6</sup> Well Number<br>082  |
| <sup>7</sup> OGRID No.<br>16696     |  | <sup>8</sup> Operator Name<br>OXY USA INC.                            |  |   | <sup>9</sup> Elevation<br>4642.3 |

<sup>10</sup> Surface Location

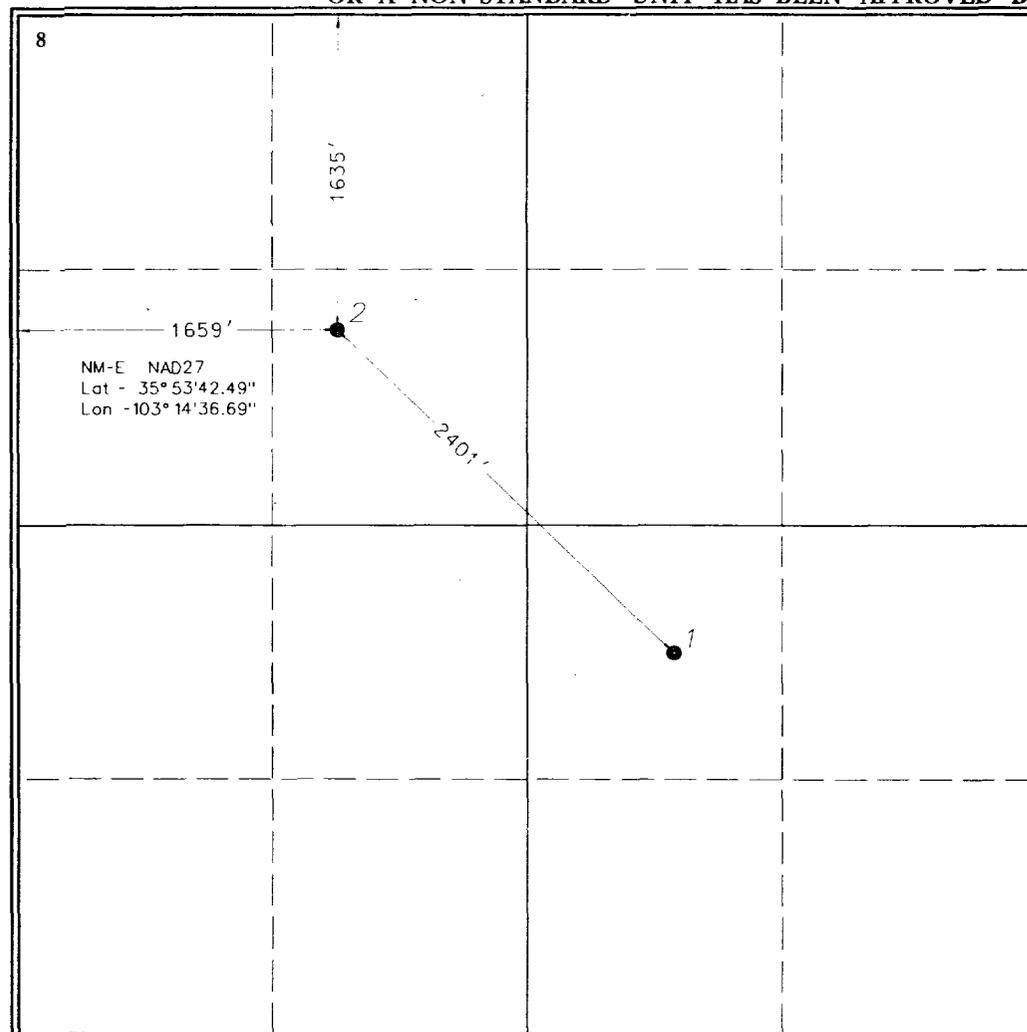
| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| F             | 8       | 19 N     | 35 E  |          | 1635'         | NORTH            | 1659'         | WEST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>1 | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

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

*David Stewart*  
Signature

David Stewart  
Printed Name

Sr. Regulatory Analyst  
Title

7/1/02  
Date

Date

<sup>18</sup> SURVEYOR CERTIFICATION

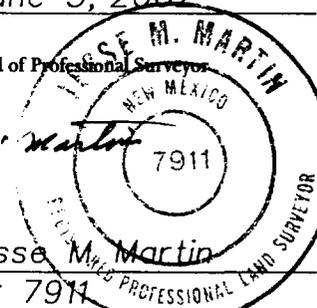
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 3, 2002  
Date of Survey

Signature and Seal of Professional Surveyor

*Jesse M. Martin*  
Signature

Jesse M. Martin  
Certificate Number 7911



State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

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Fee Lease - 5 Copies

AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |  |
|---|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OKY USA Inc.</b><br><b>P.O. Box 50250 Midland, TX 79710-0250</b> |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
|   |  | <sup>3</sup> API Number<br><b>30- 059-</b> |
| <sup>4</sup> Property Code<br><b>27111</b>  | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 1935</b> | <sup>6</sup> Well No.<br><b>172</b>        |

| <sup>7</sup> Surface Location |           |            |            |          |               |                  |               |                |              |
|-------------------------------|-----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| UL or lot no.                 | Section   | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
| <b>D</b>                      | <b>17</b> | <b>19N</b> | <b>3SE</b> |          | <b>481</b>    | <b>North</b>     | <b>475</b>    | <b>West</b>    | <b>Union</b> |

| <sup>8</sup> Proposed Bottom Hole Location If Different From Surface     |         |          |       |          |   |                  |               |                |        |
|--|---------|----------|-------|----------|---|------------------|---------------|----------------|--------|
| UL or lot no.  | Section | Township | Range | Lot. Idn | Feet from the                                 | North/South Line | Feet from the | East/West line | County |
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> |         |          |       |          | <sup>10</sup> Proposed Pool 2<br><b>96010</b> |                  |               |                |        |

|  |  |  |   |  |
|--|--|--|---|--|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4636'</b> |
| <sup>16</sup> Multiple<br><b>No</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>             |

| <sup>21</sup> Proposed Casing and Cement Program |               |                     |               |                 |                |
|--|---------------|---------------------|---------------|-----------------|----------------|
| Hole Size  | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
| <b>12-1/4"</b>                                   | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300sxx</b>   | <b>Surface</b> |
| <b>7-7/8"</b>                                    | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300sxx</b>   | <b>Surface</b> |
|  |               |                     |               |                 |                |
|  |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                            |                                   |                  |
|--|----------------------------|-----------------------------------|------------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. |                            | <b>OIL CONSERVATION DIVISION</b>  |                  |
| Signature:                                |                            | Approved by:                      |                  |
| Printed name: <b>David Stewart</b>   |                            | Title:                            |                  |
| Title: <b>Sr. Regulatory Analyst</b>   |                            | Approval Date:                    | Expiration Date: |
| Date: <b>7/11/02</b>   | Phone: <b>915-685-5717</b> | Conditions of Approval:           |                  |
|  |                            | Attached <input type="checkbox"/> |                  |

**ATTACHMENT C-101**  
**BDCDGU 1935-172**

**PROPOSED TD:** 2600' TVD

**BOP PROGRAM:** 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

**CASING:** Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

**CEMENT:** Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)  
Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

**MUD:** 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

**ESTIMATED FORMATION TOPS:**

Tubb- 2041 ' Cimarron- 2014 ' San Andres- 1231 ' Santa Rosa- 922 '

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |   |   |
|-------------------------------------|---|---|
| <sup>1</sup> API Number             | <sup>2</sup> Pool Code<br>96010                                       | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |
| <sup>4</sup> Property Code<br>27111 | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 1935 |   |
| <sup>7</sup> OGRID No.<br>16696     | <sup>8</sup> Operator Name<br>OXY USA INC.                            | <sup>6</sup> Well Number<br>172                               |
|                                     |   | <sup>9</sup> Elevation<br>4636.0                              |

<sup>10</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| D             | 17      | 19 N     | 35 E  |          | 481'          | NORTH            | 475'          | WEST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>/ | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|  |           |   |
|--|-----------|---|
|  | <p>17</p> | <p><b>17 OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>David Stewart</i></p> <p>Signature</p> <p>David Stewart</p> <p>Printed Name</p> <p>Sr. Regulatory Analyst</p> <p>Title</p> <p>7/11/02</p> <p>Date</p>  |
|  |           | <p><b>18 SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>June 3, 2002</p> <p>Date of Survey</p> <p><i>Jesse M. Martin</i></p> <p>Signature and Seal of Professional Surveyor</p> <p>Jesse M. Martin</p> <p>Certificate Number 7911</p> |

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to appropriate District Office  
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Fee Lease - 5 Copies

AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |  |
|---|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OKY USA Inc.</b><br><b>P.O. Box 50250 Midland, TX 79710-0250</b> |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
|   |  | <sup>3</sup> API Number<br><b>30- 059-</b> |
| <sup>4</sup> Property Code<br><b>27111</b>  | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 2034</b> | <sup>6</sup> Well No.<br><b>202</b>        |

| <sup>7</sup> Surface Location |           |            |            |          |               |                  |               |                |              |
|-------------------------------|-----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| UL or lot no.                 | Section   | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
| <b>P</b>                      | <b>20</b> | <b>20N</b> | <b>34E</b> |          | <b>320</b>    | <b>South</b>     | <b>996</b>    | <b>east</b>    | <b>Union</b> |

| <sup>8</sup> Proposed Bottom Hole Location If Different From Surface |         |          |       |          |               |                  |               |                |        |
|--|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| UL or lot no.  | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|  |         |          |       |          |               |                  |               |                |        |

|  |  |  |  |  |   |  |  |  |  |
|--|--|--|--|--|---|--|--|--|--|
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> |  |  |  |  | <sup>10</sup> Proposed Pool 2<br><b>96010</b> |  |  |  |  |
|--|--|--|--|--|---|--|--|--|--|

|  |  |  |   |  |
|--|--|--|---|--|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4316.8'</b> |
| <sup>16</sup> Multiple<br><b>NO</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>               |

| <sup>21</sup> Proposed Casing and Cement Program |               |                     |               |                 |                |
|--|---------------|---------------------|---------------|-----------------|----------------|
| Hole Size  | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
| <b>12-1/4"</b>                                   | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300sx</b>    | <b>Surface</b> |
| <b>7-7/8"</b>                                    | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300sx</b>    | <b>Surface</b> |
|  |               |                     |               |                 |                |
|  |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                                  |  |
|--|----------------------------------|--|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>Signature:  | <b>OIL CONSERVATION DIVISION</b> |  |
|  | Approved by:                     |  |
| Printed name: <b>David Stewart</b>   | Title:                           |  |
| Title: <b>Sr. Regulatory Analyst</b>   | Approval Date:                   | Expiration Date:   |
| Date: <b>7/10/02</b>   | Phone: <b>915-685-5717</b>       | Conditions of Approval:<br>Attached <input type="checkbox"/> |

**ATTACHMENT C-101**

**BDCDGU** 2034-202

**PROPOSED TD:** 2600' TVD

**BOP PROGRAM:** 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

**CASING:** Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

**CEMENT:** Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)  
Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

**MUD:** 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

**ESTIMATED FORMATION TOPS:**

Tubb- 2161 ' Cimarron- 2141 ' San Andres- 1450 ' Santa Rosa- 1050 '

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |  |   |  |   |                                  |
|-------------------------------------|--|---|--|---|----------------------------------|
| <sup>1</sup> API Number             |  | <sup>2</sup> Pool Code<br>96010                                       |  | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |                                  |
| <sup>4</sup> Property Code<br>27111 |  | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 2034 |  |   | <sup>6</sup> Well Number<br>202  |
| <sup>7</sup> OGRID No.<br>16696     |  | <sup>8</sup> Operator Name<br>OXY USA INC.                            |  |   | <sup>9</sup> Elevation<br>4816.8 |

<sup>10</sup> Surface Location

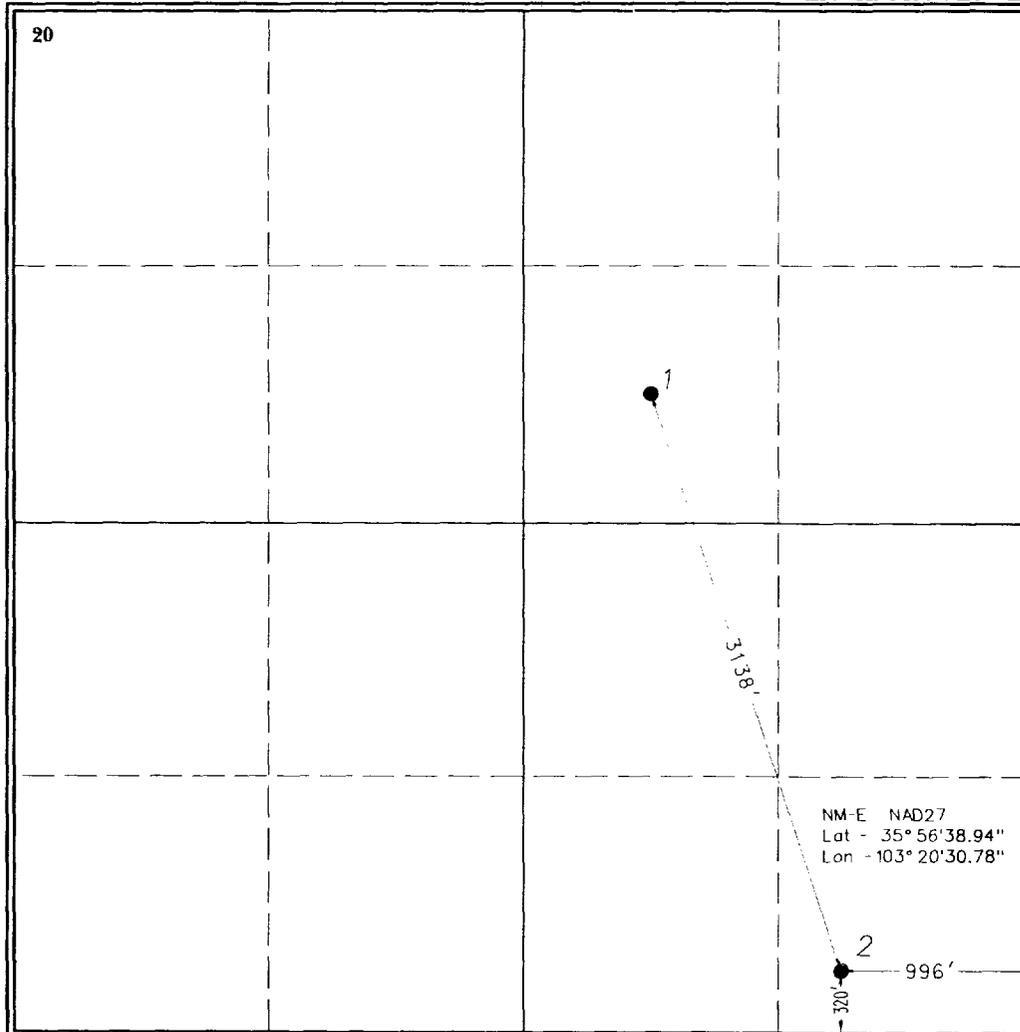
| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| P             | 20      | 20 N     | 34 E  |          | 320'          | SOUTH            | 996'          | EAST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>1 | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



NM-E NAD27  
Lat - 35° 56' 38.94"  
Lon - 103° 20' 30.78"

<sup>17</sup> OPERATOR CERTIFICATION

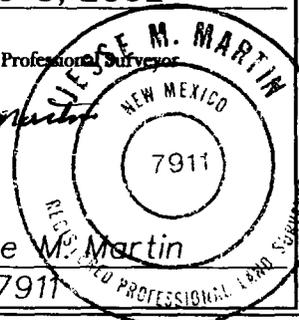
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature *David Stewart*  
Printed Name David Stewart  
Title Sr. Regulatory Analyst  
Date 7/1/02

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey June 3, 2002  
Signature and Seal of Professional Surveyor *Jesse M. Martin*  
Certificate Number 7911



State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to appropriate District Office  
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Fee Lease - 5 Copies

AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |  |
|---|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OKY USA Inc.</b><br><b>P.O. Box 50250 Midland, TX 79710-0250</b> |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
| <sup>4</sup> Property Code<br><b>27111</b>  | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 2034</b> | <sup>3</sup> API Number<br><b>30- 059-</b> |
|   |  | <sup>6</sup> Well No.<br><b>212</b>        |

| <sup>7</sup> Surface Location |           |            |            |          |               |                  |               |                |              |
|-------------------------------|-----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| UL or lot no.                 | Section   | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
| <b>F</b>                      | <b>21</b> | <b>20N</b> | <b>34E</b> |          | <b>1819</b>   | <b>north</b>     | <b>2332</b>   | <b>west</b>    | <b>Union</b> |

| <sup>8</sup> Proposed Bottom Hole Location If Different From Surface |         |          |       |          |               |                  |               |                |        |
|--|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| UL or lot no.  | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|  |         |          |       |          |               |                  |               |                |        |

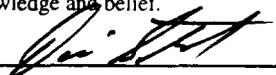
|  |              |                               |
|--|--------------|-------------------------------|
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> | <b>96010</b> | <sup>10</sup> Proposed Pool 2 |
|--|--------------|-------------------------------|

|  |  |  |   |  |
|--|--|--|---|--|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4748.6'</b> |
| <sup>16</sup> Multiple<br><b>No</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>               |

| <sup>21</sup> Proposed Casing and Cement Program |               |                     |               |                 |                |
|--|---------------|---------------------|---------------|-----------------|----------------|
| Hole Size  | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
| <b>12-1/4"</b>                                   | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300sx</b>    | <b>Surface</b> |
| <b>7-7/8"</b>                                    | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300sx</b>    | <b>Surface</b> |
|  |               |                     |               |                 |                |
|  |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                            |                                   |                  |
|--|----------------------------|-----------------------------------|------------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. |                            | <b>OIL CONSERVATION DIVISION</b>  |                  |
| Signature:                                |                            | Approved by:                      |                  |
| Printed name: <b>David Stewart</b>   |                            | Title:                            |                  |
| Title: <b>Sr. Regulatory Analyst</b>   |                            | Approval Date:                    | Expiration Date: |
| Date: <b>7/11/02</b>   | Phone: <b>915-685-5717</b> | Conditions of Approval:           |                  |
|  |                            | Attached <input type="checkbox"/> |                  |

**ATTACHMENT C-101**  
**BDCDGU 2034 - 212**

**PROPOSED TD:** 2600' TVD

**BOP PROGRAM:** 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

**CASING:** Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

**CEMENT:** Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)  
Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

**MUD:** 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

**ESTIMATED FORMATION TOPS:**

Tubb- 2154 ' Cimarron- 2135 ' San Andres- 1400 ' Santa Rosa- 1035 '

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
Instructions on back  
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |   |                                 |   |
|-------------------------------------|---|---------------------------------|---|
| <sup>1</sup> API Number             |   | <sup>2</sup> Pool Code<br>96010 | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |
| <sup>4</sup> Property Code<br>27111 | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 2034 |                                 | <sup>6</sup> Well Number<br>212                               |
| <sup>7</sup> OGRID No.<br>16696     | <sup>8</sup> Operator Name<br>OXY USA INC.                            |                                 | <sup>9</sup> Elevation<br>4748.6                              |

<sup>10</sup> Surface Location

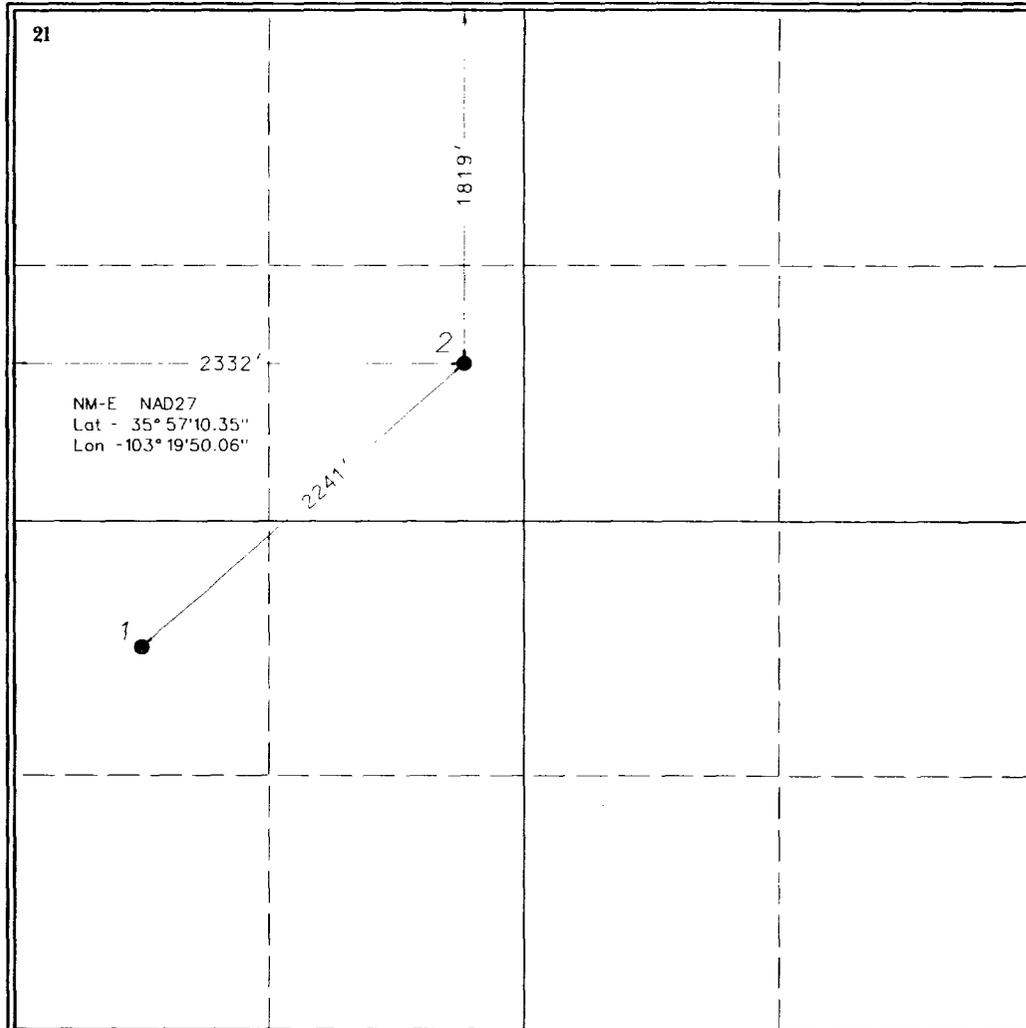
| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| F             | 21      | 20 N     | 34 E  |          | 1819'         | NORTH            | 2332'         | WEST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>/ | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

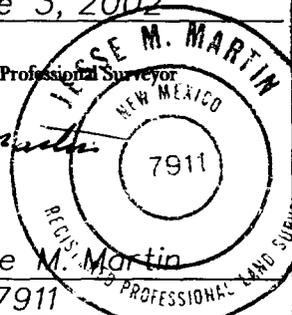
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*David Stewart*  
Signature  
David Stewart  
Printed Name  
Sr. Regulatory Analyst  
Title  
7/11/02  
Date

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 3, 2002  
Date of Survey  
*Jesse M. Martin*  
Signature and Seal of Professional Surveyor  
Jesse M. Martin  
Certificate Number 7911



State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
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District IV  
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |  |
|---|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OKY USA Inc.</b><br><b>P.O. Box 50250 Midland, TX 79710-0250</b> |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
|   |  | <sup>3</sup> API Number<br><b>30- 059-</b> |
| <sup>4</sup> Property Code<br><b>27111</b>  | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 2034</b> | <sup>6</sup> Well No.<br><b>282</b>        |

<sup>7</sup> Surface Location

| UL or lot no. | Section   | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
|---------------|-----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| <b>E</b>      | <b>28</b> | <b>20N</b> | <b>34E</b> |          | <b>2491</b>   | <b>North</b>     | <b>238</b>    | <b>west</b>    | <b>Union</b> |

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

| UL or lot no.  | Section | Township | Range | Lot. Idn | Feet from the                                 | North/South Line | Feet from the | East/West line | County |
|--|---------|----------|-------|----------|---|------------------|---------------|----------------|--------|
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> |         |          |       |          | <sup>10</sup> Proposed Pool 2<br><b>96010</b> |                  |               |                |        |

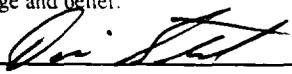
|  |  |  |   |   |
|--|--|--|---|---|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4653.7</b> |
| <sup>16</sup> Multiple<br><b>No</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>              |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size      | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
|----------------|---------------|---------------------|---------------|-----------------|----------------|
| <b>12-1/4"</b> | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300sx</b>    | <b>Surface</b> |
| <b>7-7/8"</b>  | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300sx</b>    | <b>Surface</b> |
|                |               |                     |               |                 |                |
|                |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                                  |                         |
|--|----------------------------------|-------------------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. | <b>OIL CONSERVATION DIVISION</b> |                         |
| Signature:                                | Approved by:                     |                         |
| Printed name: <b>David Stewart</b>   | Title:                           |                         |
| Title: <b>Sr. Regulatory Analyst</b>   | Approval Date:                   | Expiration Date:        |
| Date: <b>7/11/02</b>   | Phone: <b>915-685-5717</b>       | Conditions of Approval: |
| Attached <input type="checkbox"/>  |                                  |                         |

ATTACHMENT C-101  
BDCDGU 2034 - 282

PROPOSED TD: 2600' TVD

BOP PROGRAM: 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

CASING: Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

CEMENT: Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)  
Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

MUD: 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

ESTIMATED FORMATION TOPS:

Tubb- 2185 ' Cimarron- 2166 ' San Andres- 1401 ' Santa Rosa- 1038 '

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |  |   |  |   |  |                                  |  |
|-------------------------------------|--|---|--|---|--|----------------------------------|--|
| <sup>1</sup> API Number             |  | <sup>2</sup> Pool Code<br>96010                                       |  | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |  |                                  |  |
| <sup>4</sup> Property Code<br>27111 |  | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 2034 |  |   |  | <sup>6</sup> Well Number<br>282  |  |
| <sup>7</sup> OGRID No.<br>16696     |  | <sup>8</sup> Operator Name<br>OXY USA INC.                            |  |   |  | <sup>9</sup> Elevation<br>4853.7 |  |

<sup>10</sup> Surface Location

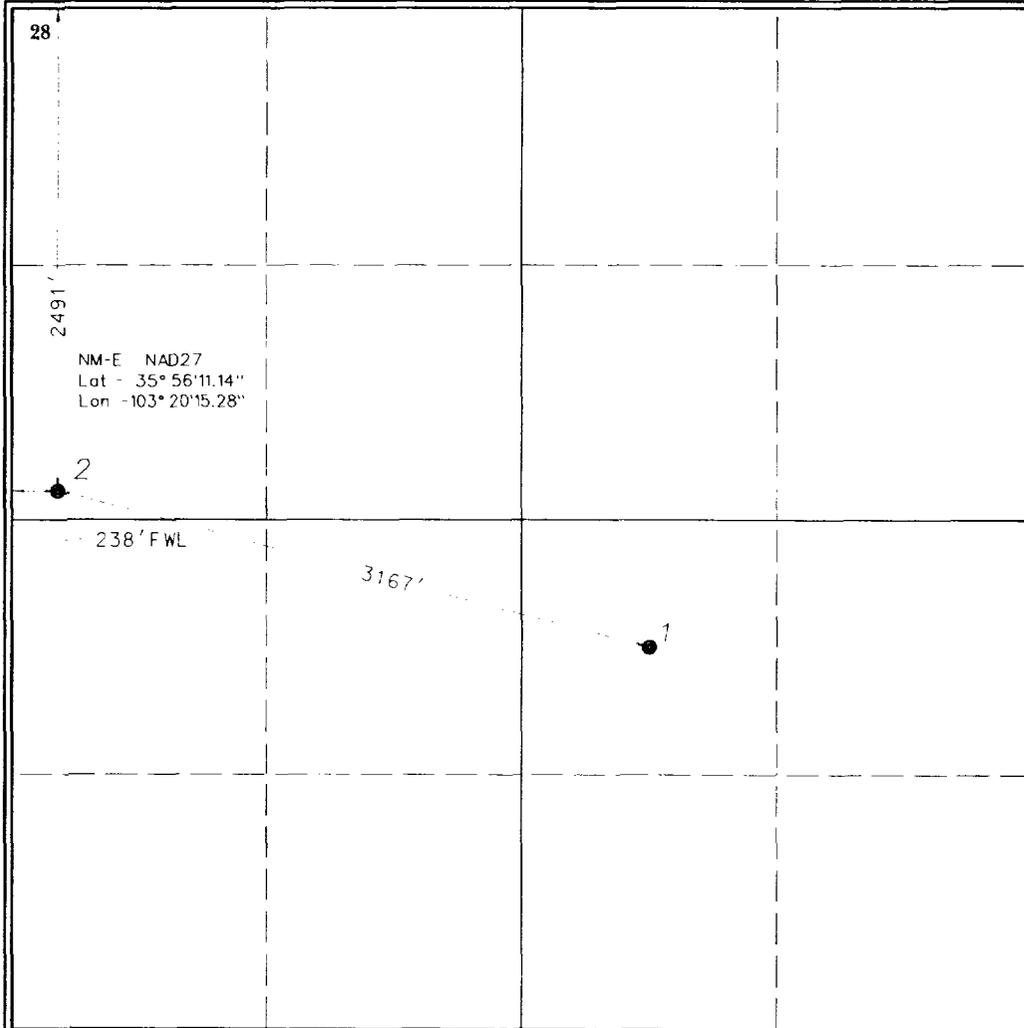
| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| E             | 28      | 20 N     | 34 E  |          | 2491          | NORTH            | 238'          | WEST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>1 | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



**<sup>17</sup> OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*David Stewart*  
Signature  
David Stewart  
Printed Name  
Sr. Regulatory Analyst  
Title  
7/1/02  
Date

**<sup>18</sup> SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 3, 2002  
Date of Survey  
*Jesse M. Martin*  
Signature and Seal of Professional Surveyor  
Jesse M. Martin  
Certificate Number 7911

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

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Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

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AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |  |
|---|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OKY USA Inc.</b><br><b>P.O. Box 50250 Midland, TX 79710-0250</b> |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
|   |  | <sup>3</sup> API Number<br><b>30- 059-</b> |
| <sup>4</sup> Property Code<br><b>27111</b>  | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 2034</b> | <sup>6</sup> Well No.<br><b>322</b>        |

<sup>7</sup> Surface Location

| UL or lot no. | Section   | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
|---------------|-----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| <b>M</b>      | <b>32</b> | <b>20N</b> | <b>34E</b> |          | <b>1027</b>   | <b>South</b>     | <b>264</b>    | <b>West</b>    | <b>Union</b> |

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

| UL or lot no.  | Section | Township | Range | Lot. Idn | Feet from the                                 | North/South Line | Feet from the | East/West line | County |
|--|---------|----------|-------|----------|---|------------------|---------------|----------------|--------|
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> |         |          |       |          | <sup>10</sup> Proposed Pool 2<br><b>96010</b> |                  |               |                |        |

|  |  |  |   |  |
|--|--|--|---|--|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4935.9'</b> |
| <sup>16</sup> Multiple<br><b>No</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>               |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size      | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
|----------------|---------------|---------------------|---------------|-----------------|----------------|
| <b>12-1/4"</b> | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300sx</b>    | <b>Surface</b> |
| <b>7-7/8"</b>  | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300sx</b>    | <b>Surface</b> |
|                |               |                     |               |                 |                |
|                |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                            |                                   |                  |
|--|----------------------------|-----------------------------------|------------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. |                            | <b>OIL CONSERVATION DIVISION</b>  |                  |
| Signature:                                |                            | Approved by:                      |                  |
| Printed name: <b>David Stewart</b>   |                            | Title:                            |                  |
| Title: <b>Sr. Regulatory Analyst</b>   |                            | Approval Date:                    | Expiration Date: |
| Date: <b>7/11/02</b>   | Phone: <b>915-685-5717</b> | Conditions of Approval:           |                  |
|  |                            | Attached <input type="checkbox"/> |                  |

**ATTACHMENT C-101**  
**BDCDGU 2034-322**

**PROPOSED TD:** 2600' TVD

**BOP PROGRAM:** 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

**CASING:** Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

**CEMENT:** Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)

Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

**MUD:** 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

**ESTIMATED FORMATION TOPS:**

Tubb- 2260 ' Cimarron- 2240 ' San Andres- 1476 ' Santa Rosa- 1180 '

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

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Revised October 18, 1994  
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |   |                                 |   |
|-------------------------------------|---|---------------------------------|---|
| <sup>1</sup> API Number             |   | <sup>2</sup> Pool Code<br>96010 | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |
| <sup>4</sup> Property Code<br>27111 | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 2034 |                                 | <sup>6</sup> Well Number<br>322                               |
| <sup>7</sup> OGRID No.<br>16696     | <sup>8</sup> Operator Name<br>OXY USA INC.                            |                                 | <sup>9</sup> Elevation<br>4935.9                              |

<sup>10</sup> Surface Location

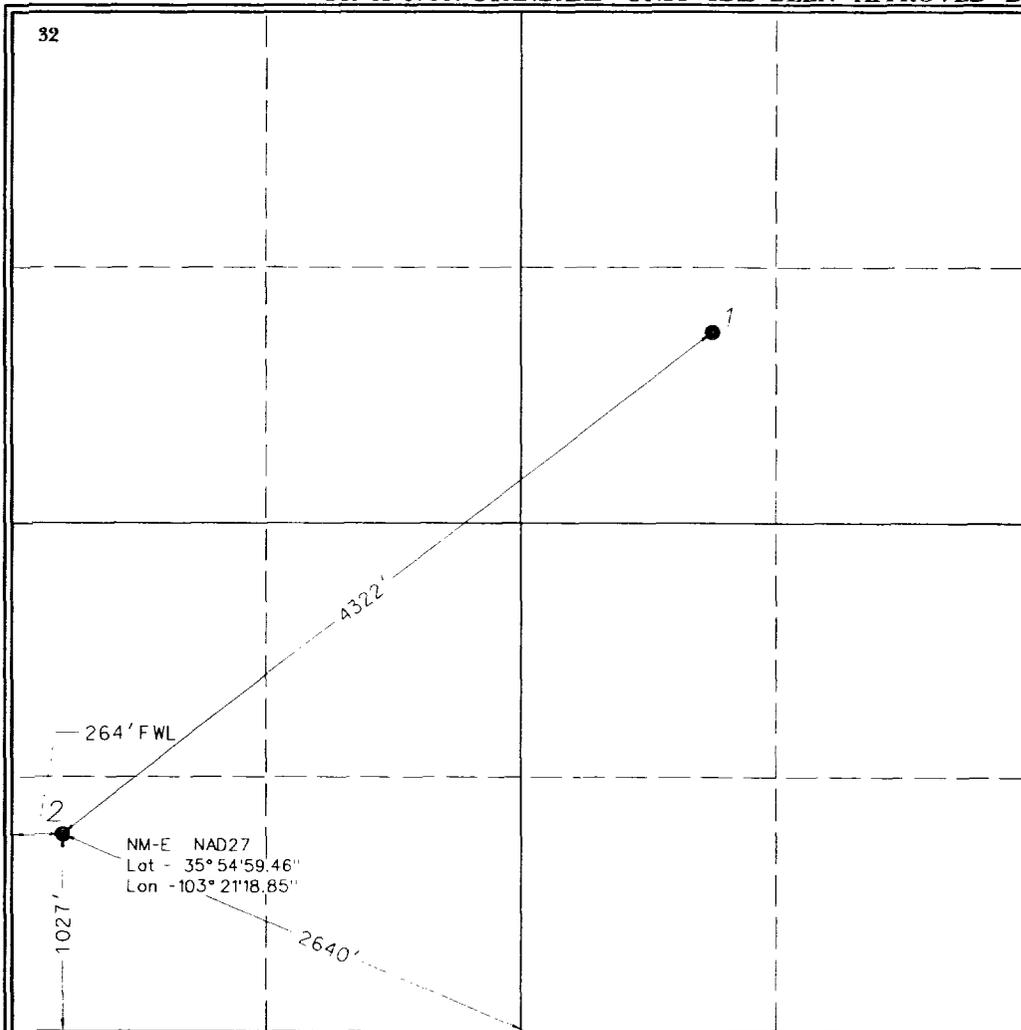
| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| M             | 32      | 20 N     | 34 E  |          | 1027'         | SOUTH            | 264'          | WEST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>1 | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

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

*David Stewart*  
Signature

David Stewart  
Printed Name

Sr. Regulatory Analyst  
Title

7/11/02  
Date

Date

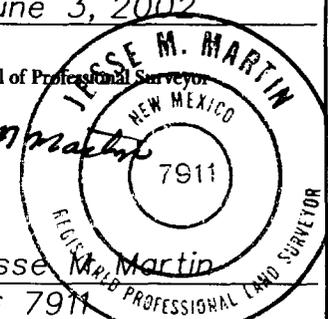
<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 3, 2002  
Date of Survey

Signature and Seal of Professional Surveyor

*Jesse M. Martin*  
Signature



Jesse M. Martin  
Certificate Number 7911

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

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AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |  |
|---|--|--|
| <sup>1</sup> Operator Name and Address<br><b>OKY USA Inc.<br/>P.O. Box 50250 Midland, TX 79710-0250</b> |  | <sup>2</sup> OGRID Number<br><b>16696</b>  |
| <sup>4</sup> Property Code<br><b>27111</b>  | <sup>5</sup> Property Name<br><b>Bravo Dome Carbon Dioxide Gas Unit 2034</b> | <sup>3</sup> API Number<br><b>30- 059-</b> |
|   |  | <sup>6</sup> Well No.<br><b>352</b>        |

| <sup>7</sup> Surface Location |           |            |            |          |               |                  |               |                |              |
|-------------------------------|-----------|------------|------------|----------|---------------|------------------|---------------|----------------|--------------|
| UL or lot no.                 | Section   | Township   | Range      | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County       |
| <b>0</b>                      | <b>35</b> | <b>20N</b> | <b>34E</b> |          | <b>671</b>    | <b>South</b>     | <b>2356</b>   | <b>east</b>    | <b>Union</b> |

| <sup>8</sup> Proposed Bottom Hole Location If Different From Surface     |         |          |       |          |   |                  |               |                |        |
|--|---------|----------|-------|----------|---|------------------|---------------|----------------|--------|
| UL or lot no.  | Section | Township | Range | Lot. Idn | Feet from the                                 | North/South Line | Feet from the | East/West line | County |
| <sup>9</sup> Proposed Pool 1<br><b>Bravo Dome Carbon Dioxide Gas 640</b> |         |          |       |          | <sup>10</sup> Proposed Pool 2<br><b>96010</b> |                  |               |                |        |

|  |  |  |   |  |
|--|--|--|---|--|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>C</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b> | <sup>14</sup> Lease Type Code<br><b>P</b> | <sup>15</sup> Ground Level Elevation<br><b>4797.5'</b> |
| <sup>16</sup> Multiple<br><b>No</b>      | <sup>17</sup> Proposed Depth<br><b>2600'</b> | <sup>18</sup> Formation<br><b>Tubb</b> | <sup>19</sup> Contractor<br><b>N/A</b>    | <sup>20</sup> Spud Date<br><b>8/1/02</b>               |

| <sup>21</sup> Proposed Casing and Cement Program |               |                     |               |                 |                |
|--|---------------|---------------------|---------------|-----------------|----------------|
| Hole Size  | Casing Size   | Casing weight/foot  | Setting Depth | Sacks of Cement | Estimated TOC  |
| <b>12-1/4"</b>                                   | <b>8-5/8"</b> | <b>24#</b>          | <b>700'</b>   | <b>300ax</b>    | <b>Surface</b> |
| <b>7-7/8"</b>                                    | <b>5-1/2"</b> | <b>5.9#FG/15.5#</b> | <b>2600'</b>  | <b>300ax</b>    | <b>Surface</b> |
|  |               |                     |               |                 |                |
|  |               |                     |               |                 |                |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**SEE OTHER SIDE**

|  |                                  |  |
|--|----------------------------------|--|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>Signature:  | <b>OIL CONSERVATION DIVISION</b> |  |
|  | Approved by:                     |  |
| Printed name: <b>David Stewart</b>   | Title:                           |  |
| Title: <b>Sr. Regulatory Analyst</b>   | Approval Date:                   | Expiration Date:   |
| Date: <b>7/10/02</b>   | Phone: <b>915-685-5717</b>       | Conditions of Approval:<br>Attached <input type="checkbox"/> |

ATTACHMENT C-101  
BDCDGU 2034-352

PROPOSED TD: 2600' TVD

BOP PROGRAM: 0-700' None  
700-2600' 8" 3M blind & pipe ram with stripper head.

CASING: Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700'  
12-1/4" hole  
Centralizers from TD-Surf, every fourth joint  
Production: 5-1/2" OD new casing from 0-2600'  
300'-15.5# J55 8rd LTC 2300'-5.9# 10rd FG  
7-7/8" hole - 5 centralizers

\*This well will have fiberglass casing from surface to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing must penetrate the Cimarron at a minimum. The optimum point for setting the fiberglass casing is at the midpoint of the Cimarron formation.

CEMENT: Surface - Circulate cement with 300sx Premium Plus with 2% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-14.8ppg, Yld-1.34cf/sx, FW-6.3g/sx)  
Production - Cement with 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-11.1ppg, Yld-3.27cf/sx, FW-20.47g/sx) followed by 150sx Premium Plus with 3% CaCl<sub>2</sub> + .25#/sx Poly E Flake, (WT-13.2ppg, Yld-1.86cf/sx, FW-9.93g/sx)

MUD: 0-700' Fresh water/native mud.  
Wt 8.6-9.2ppg, Vis 32-36sec  
700-2600' Fresh water/Starch/Gel  
pH control as needed.  
Wt 9.0-9.2ppg, Vis 28-29sec

ESTIMATED FORMATION TOPS:

Tubb- 2198 ' Cimarron- 2181 ' San Andres- 1433 ' Santa Rosa- 1045 '

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |   |   |
|-------------------------------------|---|---|
| <sup>1</sup> API Number             | <sup>2</sup> Pool Code<br>96010                                       | <sup>3</sup> Pool Name<br>BRAVO DOME CARBON DIOXIDE GAS (640) |
| <sup>4</sup> Property Code<br>27111 | <sup>5</sup> Property Name<br>BRAVO DOME CARBON DIOXIDE GAS UNIT 2034 |   |
| <sup>7</sup> OGRID No.<br>16696     | <sup>8</sup> Operator Name<br>OXY USA INC.                            | <sup>6</sup> Well Number<br>352                               |
|                                     |   | <sup>9</sup> Elevation<br>4797.5                              |

<sup>10</sup> Surface Location

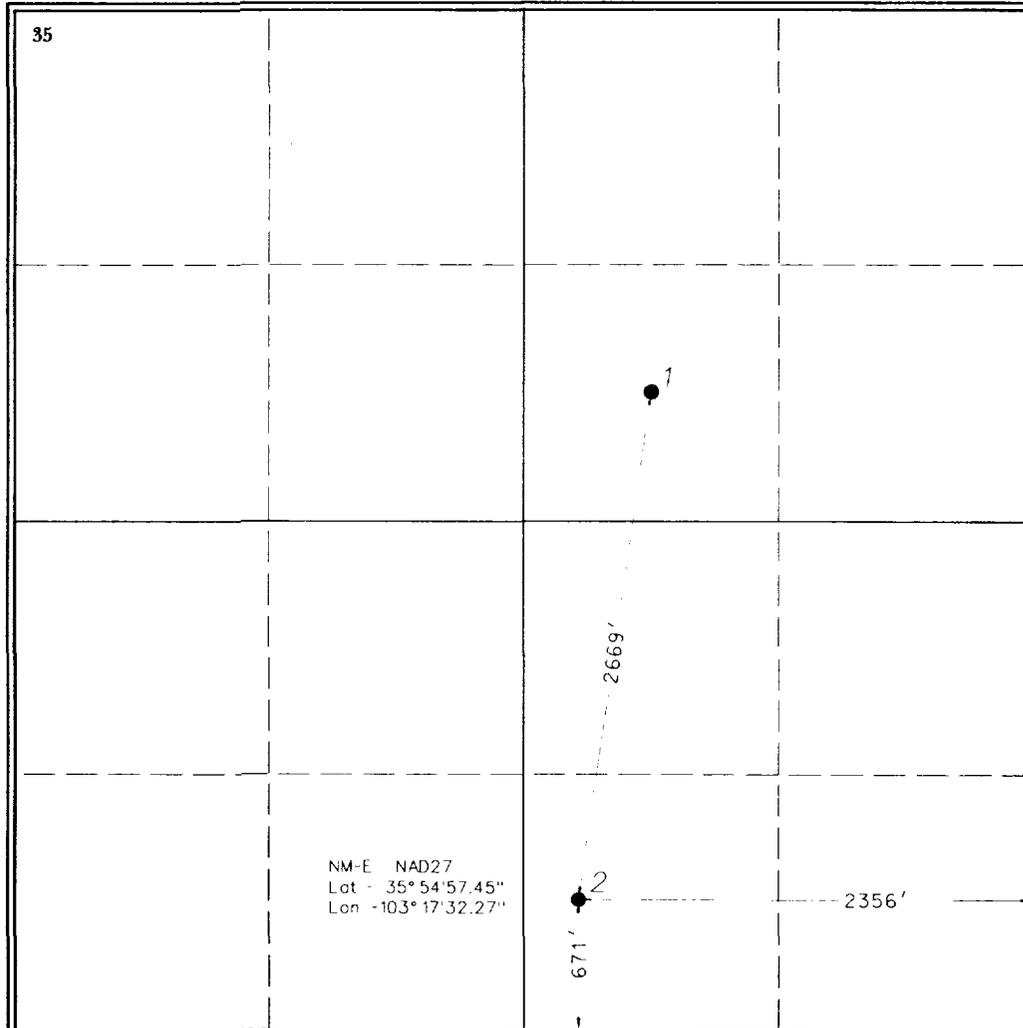
| UL or lot no. | Section | Township | Range | Lot Idn. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| 0             | 35      | 20 N     | 34 E  |          | 671'          | SOUTH            | 2356'         | EAST           | UNION  |

<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                      |                                    |                                  |                         |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>640 | <sup>13</sup> Joint or Infill<br>1 | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|--------------------------------------|------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

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

*David Stewart*  
Signature

David Stewart  
Printed Name

Sr. Regulatory Analyst  
Title

7/1/02  
Date

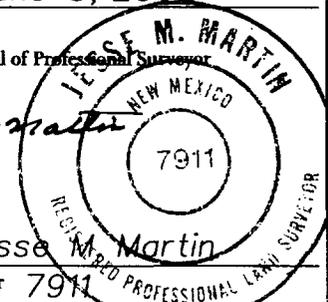
<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 3, 2002  
Date of Survey

Signature and Seal of Professional Surveyor

*Jesse M. Martin*  
Jesse M. Martin  
Certificate Number 7911



**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Michael Hutcherson  
P.O. Box 940  
Plainview, TX 79073-0940

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) B. Date of Delivery  
7/15/02

C. Signature  
x [Signature]

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

2. Article Number  
(Transfer from service label) **7099-3400-0016-5943-0132**

PS Form 3811, March 2001 Domestic Return Receipt 1025

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Marsha George  
P.O. Box 369  
Hart, TX 79043-0369

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) B. Date of Delivery  
Rhonda George

C. Signature  
x [Signature]

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

2. Article Number  
(Transfer from service label) **7099-3400-0016-5943-0149**

PS Form 3811, March 2001 Domestic Return Receipt 1025

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Wilda Hutcherson Redin  
102 Kirchwood St.  
Plainview, TX 79072-6523

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) B. Date of Delivery  
W. H. R.

C. Signature  
x [Signature]

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

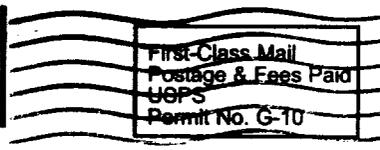
2. Article Number  
(Transfer from service label) **7099-3400-0016-5943-0156**

PS Form 3811, March 2001 Domestic Return Receipt

7/17/02 ATTN: Roy Johnson

These are the certified return receipts for the NSL, Tubingless Completion Applications & the C101 & C-102 for the following wells: BDCDGH 1934-082, 1934-092, 1934-142, 1934-222, 1934-232, 1935-072, 1935-082, 2034-322, 2034-352. Thanks for your help.  
David Stewart - OXY  
915-685-5717

UNITED STATES POSTAL SERVICE



First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

OXY USA INC.  
ATTN: DAVID STEWART  
P.O. BOX 50250  
MIDLAND, TX 79710-0250



UNITED STATES POSTAL SERVICE



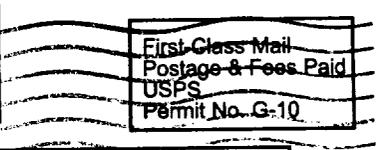
First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

OXY USA INC.  
ATTN: DAVID STEWART  
P.O. BOX 50250  
MIDLAND, TX 79710-0250



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• Sender: Please print your name, address, and ZIP+4 in this box •

OXY USA INC.  
ATTN: DAVID STEWART  
P.O. BOX 50250  
MIDLAND, TX 79710-0250



LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE