|   | 1  | ゴロ              |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               |     |  |
|---|--|-----------------|-----------------|---------------|----------|------------------------------|--------------|-----------------------|-----------|----------------------|-----------------|--------------------------------------|----------|-----------------------------------|------------|-------------------------------|-----|--|
| Form 316  |  |                 | 002             | 010           |          | TED STA                      | TES          |                       | OCI       | D-A                  | RTF             | 2574                                 |          |                                   |            |                               |     |  |
| Form 3160-4<br>(September 2000) JUL 3 0 2010 UNITED STATES<br>DEPARTMENT OF THE INTERIOR OCD-ARTESIA                    |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               |     |  |
| OMB NO 1004-0137<br>Expires: January 31, 2004   |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               |     |  |
| MEMOCIDARTESIAN<br>MEMOCIDARTESIAN<br>S. Lease Serial No  |  |                 |                 |               |          |                              |              |                       |           |                      |                 | -                                    |          |                                   |            |                               |     |  |
|   |  |                 |                 |               |          |                              |              |                       |           |                      |                 | NM-14758 (SL) & NM-104640 (BHL)      |          |                                   |            |                               |     |  |
| la Type of Well 🔽 Oil Well 🔲 Gas Well 🛄 Dry Other 6 If Indian, Allottee or Tribe N                                      |  |                 |                 |               |          |                              |              |                       |           |                      | e or Tribe Name | =                                    |          |                                   |            |                               |     |  |
| b. Type of Completion $\square$ New Well $\square$ Work Over $\square$ Deepen $\square$ Plug Back $\square$ Diff Resvr. |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               |     |  |
| Other   |  |                 |                 |               |          |                              |              |                       |           |                      |                 | 7. Unit or CA Agreement Name and No. |          |                                   |            |                               |     |  |
| 2 Name  | 2 Name of Operator                       |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               |     |  |
| Marshahma Cil Commany in 14744  |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      | 8. Lease | Name and                          | Well No.   |                               |     |  |
| Mewbourne Oil Company     14744       3. Address     3a. Phone No. (include area code)                                  |  |                 |                 |               |          |                              |              |                       |           |                      |                 | <u> </u>                             | nousine  | 15 CD Fed                         | Com #1H    | _                             |     |  |
| PO Box 5270 Hobbs NM 88240 575-393-5905 9. APT well No.   |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               |     |  |
| 30-015-37818  |  |                 |                 |               |          |                              |              |                       |           |                      | - 1             |                                      |          |                                   |            |                               |     |  |
| 4. L00au0   | nor wen (                                | (Report         | i iocunon ci    | early and     | in acc   | coraunce wiir                | i reaerai i  | equirements           | <i>י</i>  |                      |                 |                                      | 1        |                                   |            | or Exploratory                | -Kz |  |
| At su   | face 99                                  | 0' FNL          | & 2010' FE      | L, Unit L     | letter l | В                            |              |                       |           |                      |                 |                                      |          |                                   | Yeso 117   |                               | -   |  |
|   | 11. Sec., T, R., M., on Block and Sulvey |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               |     |  |
| At top prod interval reported below or Area Sec 15-T20S-R25E  |  |                 |                 |               |          |                              |              |                       |           |                      | -               |                                      |          |                                   |            |                               |     |  |
| At total depth 969' FNL & 343' FWL, Unit Letter D 13 State  |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               |     |  |
|   |  |                 |                 |               |          |                              |              |                       |           |                      |                 | NM                                   | -        |                                   |            |                               |     |  |
| 14 Date   | Spudded                                  |                 | 15              | Date T.D.     | Keach    | ned                          |              | $\square D$           |           | a <b>   </b><br>☑ Re |                 |                                      |          | 17. Elevations (DF, RKB, RT, GL)* |            |                               |     |  |
| 05/28/10  |  |                 | 06/             | 07/10         |          |                              |              |                       |           |                      |                 |                                      | 34       | 09' GL                            |            |                               |     |  |
| 18. Total   | Depth M                                  | 1D 546          |                 |               | 19 P     | lug Back T                   | D : MD 54    | 419 '                 |           | 20.                  | Depth           | Bridge Pl                            |          |                                   | D          |                               |     |  |
|   |  | VD 27           |                 |               |          |                              | TVD          |                       |           |                      |                 | 0                                    | U        |                                   | VD         |                               | _   |  |
| 21. Type H  | Electric & (                             | Other M         | lechanical I    | ogs Run       | (Subm    | it copy of ea                | ch)          |                       |           |                      |                 | well core                            |          | No No                             |            | (Submit analysis)             |     |  |
|   |  |                 |                 |               |          |                              |              |                       |           |                      |                 | OST run?                             |          | 🗹 No                              |            | (Submit report)               |     |  |
| Gyro / GR Directional Survey? 🔲 No 🔽 Yes (Submit copy)  |  |                 |                 |               |          |                              |              |                       |           |                      | -               |                                      |          |                                   |            |                               |     |  |
| 23 Casing   | g and Line                               | r Reco          | rd (Report a    | ill strings . | set in w | vell)                        |              |                       | <u> </u>  |                      |                 |                                      |          |                                   |            | r                             | -   |  |
| Hole Size   | Size/Gr                                  | rade            | Wt (#/ft)       | Top (N        | MD)      | Bottom (M                    |              | e Cementer<br>Depth   | 1         | of Sks<br>of Cem     | 1               | Slurry V<br>(BBL                     |          | Ceme                              | ent Top*   | Amount Pulled                 |     |  |
|   |  |                 |                 |               |          | <u> </u>                     |              |                       | Type      | or com               |                 |                                      | ,        |                                   |            |                               | -   |  |
|   | 0.5/01                                   |                 |                 |               |          |                              |              |                       |           | 200                  |                 | 146                                  |          |                                   |            |                               | -   |  |
| 12 1/4"   | 9 5/8".                                  |                 | 36              | 0             |          | 950'                         |              |                       |           | 700<br>400           |                 | <u>146</u><br>155                    |          |                                   | urface     | NA<br>NA                      | -   |  |
| 8 3/4&7 7/3   | 3 4 1/2                                  |                 | 116             | 0             |          | 5464'                        | FU           | C @ 2141              |           | 400                  |                 | 100                                  |          | 5                                 | urface     |                               | -   |  |
| ·····   |  |                 |                 | ·             |          | <u> </u>                     |              |                       | <u> </u>  |                      |                 |                                      |          |                                   |            |                               | -   |  |
|   |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               | -   |  |
| 24. Tubing  | Record                                   |                 |                 | L             |          | L                            |              |                       |           |                      | 1               |                                      |          | ·····                             |            | L                             | -   |  |
| Size  |  | n Set (N        | (D) Packe       | er Depth (    | MD)      | Size                         | Dent         | h Set (MD)            | Packer    | Denth (              | (MD)            | Size                                 |          | Dept                              | h Set (MD) | Packer Depth (MD)             | •   |  |
| 2 7/8"  | _  | 2205'           |                 | NA            |          |                              |              |                       |           |                      | ,               |                                      |          |                                   |            |                               | •   |  |
| 25. Produc  |  |                 |                 |               |          |                              | 26.          | Perforation           | Record    |                      |                 |                                      |          |                                   |            |                               | •   |  |
|   | Formatio                                 | n               |                 | TOP           |          | Bottom                       |              | Perforated Interval   |           |                      | S               | ize                                  | No. I    | Ioles                             |            | Perf Status                   | •   |  |
| A) Yeso   |  |                 |                 | 2236'         |          | 5464' (MD) 3578' - 5 409' (N |              |                       |           | AD) 4"               |                 |                                      | 9        | ,                                 |            | open                          | ,   |  |
| B)  |  |                 |                 |               |          | ·                            |              |                       |           |                      |                 |                                      |          |                                   |            |                               | •   |  |
| C)  |  |                 |                 |               |          |                              |              | ·                     |           |                      |                 |                                      |          |                                   |            |                               | •   |  |
| D)  |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               | •   |  |
| 27. Acid, I   | Fracture, Tr                             | reatmer         | nt, Cement S    | Squeeze, I    | Etc.     |                              |              |                       |           |                      | ·····           |                                      |          |                                   | <u> </u>   |                               |     |  |
| I   | Depth Inter                              | val             |                 |               |          |                              |              | Aı                    | mount ar  | nd Type              | e of M          | aterial                              |          |                                   |            |                               | _   |  |
| 3578' to 5409   | )'                                       |                 | Fra             | c w/8000 g    | als 15%  | HCI & 1,534,0                | 00 gals slic | kwater carryin        | g 710,000 | # 20/40              | Sand.           |                                      |          |                                   |            |                               | _   |  |
|   |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               | -   |  |
|   |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               | -   |  |
|   |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               |     |  |
| 28. Produc  |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               |     |  |
| Date First<br>Produced  | Test<br>Date                             | Hours<br>Tested |                 | on BBL        |          | Gas<br>MCF                   | Water<br>BBL | Oil Grav<br>Corr. AP  |           | Gas<br>Grav          |                 | Produ                                | iction l | Aethod                            |            |                               |     |  |
| 07/08/10  | 07/18/10                                 | 24              | -               |               | 95       | 170                          | 262          |                       | 98        |                      | 0 77            | Pump                                 | ing      |                                   |            |                               |     |  |
| Choke   | Tbg Press                                | Csg             | 24 Hr           | Oıl           |          | Gas                          | Water        | Gas Oil               |           | Well                 | l Status        | րադ                                  |          |                                   |            |                               | ר   |  |
| Size  | Flgw<br>SI                               | Press           | Rate            | BBL           |          | MCF                          | BBL          | Ratio                 |           |                      |                 |                                      | IA       | CCF                               | PTFD I     | FOR RECORD                    |     |  |
| NA  | 80                                       | 80              |                 |               | 95       | 170                          | 262          | 8                     | 72        | oper                 | 1               |                                      |          |                                   |            |                               |     |  |
| 28a. Produc   |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               |     |  |
| Date First<br>Produced  | Test<br>Date                             | Hours<br>Tested | Test<br>Product | ion BBL       |          | Gas<br>MCF                   | Water<br>BBL | Oil Gravi<br>Corr API |           | Gas<br>Grav          |                 | Produ                                | ction M  | ethod                             | JUL 2      | 9 2010                        | 1   |  |
|   |  |                 |                 | 1             |          |                              |              |                       |           |                      | · • • •         |                                      | 1        | ,                                 |            | (                             | 1   |  |
| Choke   | Tbg Press                                | Call            | 24 Hr           | 01            |          | Gas                          | Water        | Gas Oil               |           | Well                 | Status          | I                                    |          |                                   |            | er Hall                       |     |  |
| Size  | Flwg<br>SI                               | Press           | Rate            | ₿₿L           |          | MCF                          | BBL          | Ratio                 |           |                      |                 |                                      | 1        | BURE                              | AU OF LAN  | ID MANAGEMENT<br>FIELD OFFICE | 1   |  |
|   | ~.                                       | L               |                 |               |          |                              |              |                       |           |                      |                 |                                      |          | U.                                | AKLSBAD    | FIELD UFFICE                  | 1   |  |
| (See instru   | ctions and                               | space           | s for additio   | nal data      | on nex   | t page)                      |              |                       |           |                      |                 |                                      |          |                                   |            | N.T                           | •   |  |
|   |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            |                               |     |  |
|   |  |                 |                 |               |          |                              |              |                       |           |                      |                 |                                      |          |                                   |            | -                             |     |  |

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| 28b | Pr | oduction | - | Interval | С |
|-----|----|----------|---|----------|---|
|     |    |          |   |          |   |
|     |    |          |   |          |   |

| Date First<br>Produced | Test<br>Date            | Hours<br>Tested | Test<br>Production                             | Oil<br>BBL | Gas<br>MCF                     | Water<br>BBL                   | Oil Gravity<br>Corr API                      | Gas<br>Gravity | Production Method  |                    |  |  |
|------------------------|-------------------------|-----------------|--|------------|--------------------------------|--------------------------------|--|----------------|--------------------|--------------------|--|--|
| Choke<br>Size          | Tbg Press<br>Flwg<br>SI | Csg.<br>Press   | 24 Hr<br>Rate                                  | Oil<br>BBL | Gas<br>MCF                     | Water<br>BBL                   | Gas Oil<br>Ratio                             | Well Status    |                    |                    |  |  |
| 8c. Produ              | ction - Inter           |                 | <u> </u>                                       | L          |                                |                                |  |                |                    |                    |  |  |
| Date First<br>Produced | Test<br>Date            | Hours<br>Tested | Test<br>Production                             | Oil<br>BBL | Gas<br>MCF                     | Water<br>BBL                   | Oil Gravity<br>Corr API                      | Gas<br>Gravity | Production Method  |                    |  |  |
|                        |                         |                 | Oıl<br>BBL                                     |            |                                |                                |  | Well Status    |                    |                    |  |  |
| 9. Disposi<br>SOLD     | 1ition of Gas           | (Sold use       | ed for fuel, v                                 | ented, etc | .)                             | _1                             |  | <u>_</u>       |                    |                    |  |  |
| Show<br>tests,         | all importa             | ant zones       | Include Aqu<br>of porosity a<br>val tested, cu | and conter | nts thereof:<br>I, time tool o | Cored intervi<br>open, flowing | als and all drill-ste<br>and shut-in pressur | m              | tion (Log) Markers |                    |  |  |
| Formation              |                         | Тор             | Bottom   |            | Descriptions, Contents, etc    |                                |  |                | Name               | Top<br>Meas. Depth |  |  |
| Grayburg               |                         | 587             |  |            |                                |                                |  |                |                    |                    |  |  |
| San Andres             |                         | 880             | 1  | 1          |                                |                                |  |                |                    |                    |  |  |
| Glorieta               |                         | 2366            |  |            |                                |                                |  |                |                    |                    |  |  |
| Yeso                   |                         | 2506            |  |            |                                |                                |  |                |                    |                    |  |  |
| TD ()                  | MD)                     | 5464            |  |            |                                |                                |  |                |                    |                    |  |  |
| 32. Additio            | onal remark             | s (include      | plugging pro                                   | ocedure).  |                                |                                |  |                |                    |                    |  |  |

| <ul> <li>33. Circle enclosed attachments:</li> <li>① Electrical/Mechanical Logs (1 full set req'd.)</li> <li>5 Sundry Notice for plugging and cement verification</li> </ul> | <ul><li>2 Geologic Report</li><li>6 Core Analysis</li></ul> | 3 DST Report       4 Directional Survey         7 Other:       Comp Sundry, Dev Rpt, C104, C-144 CLEZ Closure, Pkr port |
|--|---|---|
| 34. I hereby certify that the foregoing and attached information   | on is complete and corre-                                   | ct as determined from all available records (see attached instructions)*  |
| Name (please print) _ Jackie Lathan  |   | Title_Hobbs Regulatory  |
| signature Packie Lat   | han   | Date 07/20/10   |
| Title 18 U.S.C Section 100 and Title 43 U.S.C. Section 12<br>States any false fictitious or fraudulent statements or represent   | 12 make it a crime for a<br>lations as to any matter v      | ny person knowingly and willfully to make to any department or agency of the United vithin its jurisdiction.            |

(Form 3160-4 (9/01), Page 2)

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