Form 3160-4 (August 1999)

(See instructions and spaces for additional data on reverse side)

TED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: November 30, 2000

| | WEL | L COM | PLETIO | N OR | REC | OMPLE | TION R | EPOR | T AND L | OG | | | | Serial No. | |
|---|------------------------------|------------------------|--------------------|---------------|-------------|------------------|--------------|---------------------------------------|----------------|----------------|---|------------------------|----------------|---------------------|--|
| la. Type | of Well | | | | . – | 7.0 | ٠. | | | | | | | | NM0321613 |
| | : | | Well G | | | Dry | Othe | | - | | | 1 | o. It incua | in, Allotee | or Tribe Name |
| b. Type of Completion: X New Well Work Over Deepen Plug Back Diff.Resvr,. Other | | | | | | | | | | svr,. | 7. Unit or CA Agreement Name and No. South Mattix Unit Federal | | | | |
| 2. Name | of Operator | | | | | | | | | | | | | n macti Name and | |
| | ntal Perm | ian Lt | <u>d.</u> | | | | | | - | | | | 46 | varie and | Wen No. |
| 3. Addre | | | _ | | | | | 3a. | Phone No | • | | ode) | 9. API W | ell No. | |
| | on of Well (Re | | | | | | Faderal r | | 915 | <u>-685-5</u> | 717 | | | <u> 25-3512</u> | |
| At surfa | | _ | - | | | MILE WILL | reuciai i | edaneme | ilis)" | | | [1 | | | r Exploratory |
| i it sui i | 2130 | FNL 75 | 50 FEL | SENE | (H) | | | | | | | | | er Drin | or Block and |
| At top prod. interval reported below | | | | | | | | | | | | | or Area | | |
| At total depth | | | | | | | | | | | - 1 | 2.County | or Parish | 13. State | |
| 14. Date Spudded 15. Date T.D. Reached 16. Date Completed D & A Ready to Prod. | | | | | | | | | | 1 | | tions (DF, | RKB, RT, GL)* | | |
| 1/20 | /01 | , | 1/31/01 | | | | - | 3/20 | 1 | X | y 10 1 10 | . | 32381 | | |
| | Depth: MD | | , , , , , , | 19. P | lug Ba | ack T.D.: | MD | 3/20 | 7,01 | 20. | Depth | Bridge Pl | | MD | |
| | TVD | | 500′ | | | | TVD | 64 | 52' | | | | -5 | TVD | |
| 21. Type 1 | Electric & Oth | er Mecha | nical Logs | Run (Si | ubmit | copy of ea | ch) | | | 22. W | as well o | ored? | X No | Yes (| Submit analysis) |
| | - | | | | | | | | | w. | as DST | run [| X No_ | _ | Submit report |
| | L/CZDL/CNI g and Liner Re | | | ore cot i | n reall | ` | | | | Di | rectiona | l Survey? | <u>x</u> | io _ | es (Submit copy) |
| Hole Size | Size/Grade | ľ | | | | | Stage Ce | menter | No.of S | Ske & | Shu | rry Vol | Т | | |
| 11" | | <u> </u> | /t.(#ft.) Top (MD) | | Bottom (MD) | | Depth | | Type of Cement | | | (BBL) | | nt Top* | Amount Pulled |
| 7-7/8" | 8-5/8" 5-1/2" | 24# J55 0 17# L80 0 | | | 1100′ | | 0.404 | | | 500sx | | | Surf-Circ | | N/A |
| 7-178" | 5-1/2" | 1/# 1 | 80 0 | | 6500′ | | 3491′ | | 1500 | 1500sx | | | Surf-Circ | | N/A |
| | | | - | | | | | · · · · · · · · · · · · · · · · · · · | | | | | - | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | ļ <u>.</u> | | |
| 24. Tubing | g Record | | | | | <u>-</u> | | | L | | | | L | | |
| Size | Depth Set (| MD) | Packer Depti | h (MD) | T | Size | Depth Se | et (MD) | Packer [| Depth (MD) | 1 | Size | Denth | Set (MD) | Packer Depth (MD) |
| 2-7/8" 6424 | | | | | | | | | | | - | No. Roles Perf. Status | | racker Deput (MD) | |
| 25. Produc | ing Intervals | | | | | | 26. Perfo | ration R | ecord | | | | 100 | 319202 | |
| Formation | | | Тор | | | Bottom | | Perforated Interval | | Size | | 1 | No Replies | | Perf. Status |
| Drinkard | | 6182 | 2' | 6292′ | | 6182-62 | | 292' | | | | | | open | |
| 3) | | | | | | | | | | | | { \$ | × | ह्य 🛁 | * - |
| C) O) | - | | | | | | | | | _ | | | <u> </u> | dr. | |
| <u> </u> | · | | | | | | | | | \bot | | | en le | | <u> </u> |
| | Fracture, Treati | nent, Cei | ment Squee: | ze, Etc. | | | | | | | | | 0 | | |
| | Depth Interval | | 100 | | | | | | Amount and | d Type of N | Material | | 100 | O | |
| | L82-6292' L82-6292' | | 1 | | | l acid | | | | | | | | Seray | N. S. C. |
| - 0. | 102-0292 | | 4500 | Jug D | erta | -Frac 2 | 25 W/ 7 | 5000# | sand | | | | | | |
| | | | | | | | | | | | | | | | |
| 8. Producti | on - Interval A | | | | | | | | | | | | | - | |
| Date First Produced | Test Date 3/27/01 | Hours Tested | Test Production | Oi on BE | 3L | Gas MCF | Water BBL | Oil Gravit | v | Gas Gravity | | Production | Method | - | |
| 3/20/01 Choke | 3/27/01 Tbg. Press. | Csc. | | <u>▶ :</u> | 33 | 58 | 0 | 3 | 7.0 | | | | | pumpi | ing |
| Size | Flwg. SI | Csg. Press. | 24 Hr. | ➤ Oi BE | | Gas MCF 58 | Water BBL | Gas: O Ratio | j | Well Status | | | | | |
| 8a. Product | ion-Interval B | • | · | | پر پ | 50 | 0 | <u> </u> | 758 | | ctiv | e | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | n Oil BB | | Gas MCF | Water BBL | Oil Gravity | , | Gas Gravity | 1 | Production | Method | | |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. | Oil BB | | Gas MCF | Water BBL | Gas: O Ratio | il | Well Status | | | | | |
| | SI | | | → "" | - | 1 | | , auto | 1 | Status | | | | | |

| 201 5 | | | | | | | | | | - | |
|---------------------------------|----------------------------|-----------------|---|-----------------|-----------------------------|--------------|------------------------|-------------------|------------------------------|--------------------------------|--|
| 28b. Producti | | 1 C Hours | <u> </u> | · 1 | -, | | · · | | | | |
| Date First Produced | | | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity | Gas Gravity | Production Method | | |
| Choke Size Tbg. Press. Flwg. SI | | Csg. Press. | 24 Hr. | Oil BBL | Gas Water Gas: Oil Ratio | | Well Status | | | | |
| 28c. Product | ion-Interval | D | | | | | | | | | |
| Date First Produced Date | | Hours Tested | Test Production | Oil BBL | | | Gas Gravity | Production Method | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status | <u></u> | | |
| 29. Dispositi | on of Gas (So | old,used for | fuel, vented, et | tc.) | | sold | · • · · · · | | | | |
| Show al | ll important | zones of po | lude Aquifers): prosity and con tested, cushi | , | 31. Formation (Log) Markers | | | | | | |
| Formati | ion | Тор | Bottom | - | Descri | ptions, Co | ntents, etc. | | Name | Тор | |
| | | | · · · · · · · · · · · · · · · · · · · | | ·· | | | Yates | | Meas.Depth | |
| | | | | | | | | Seven R | ivers | 2552′ 2744′ 3238′ | |
| | | | | | | | | Queen | | | |
| | | | | | | | | Paddock | | 4925 | |
| | | | | | | | | Yeso | | | |
| | | | | | | | | Drinkard | | 5095 <i>′</i> 5852 <i>′</i> | |
| 32. Addition | al remarks (| include plug | gging procedur | e): | | | | | | | |
| | cal/Mechani | cal Logs (1 | full set req'd) d cement verifi | | Geologic R | | 3. DST Report 7. Other | 4. Directional | Survey | | |
| | | | | | | | | d from all availa | ble records (see attached in | astructions)* | |
| Name (ple | ase print) _ | David S | Stewart / | | <u> </u> | | Title | sr. Requ | llatory Analyst | | |
| Signature | _f/n | . Th | | | | | Date | e | 8/9/02 | | |
| | | | | | | | | | | | |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.