

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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| |
|--|
| 5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. V-1520 |
| 7. Unit Agreement Name |
| 8. Farm or Lease Name New Mexico AC State |
| 9. Well No. #1 |
| 10. Field and Pool, or Wellcat South Shoe Bar Atoka |
| 12. County Lea |

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS.

| | | |
|---|--|--------------------------------|
| OIL WELL <input type="checkbox"/> | GAS WELL <input checked="" type="checkbox"/> | OTHER <input type="checkbox"/> |
| Name of Operator T. H. McElvain Oil & Gas Properties | | |
| Address of Operator P.O. Box 2148, Santa Fe, NM 87504-2148 | | |
| Location of well UNIT LETTER <u>H</u> <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>22</u> TOWNSHIP <u>17S</u> RANGE <u>35E</u> NMPM. | | |

15. Elevation (Show whether DF, RT, GR, etc.)
3926 GL

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

| | | | |
|--|---|---|---|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPERATIONS <input type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> | CASING TEST AND CEMENT/PLUG <input checked="" type="checkbox"/> | OTHER <input type="checkbox"/> |
| | | squeeze | |

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Drilled out cement plugs and cut out junk to 11955. Tested casing. Would not hold pressure. Isolated leaks between 6116 to 6409 and 9490 to 9940. Set cement retainer at 9490 and squeezed with 50 sks. at 1.5 to 2 BPM increasing steadily to 0.1 BPM at 5500 psi. Shut down and pressure held steady at 5200 for 30 minutes. Strung out of retainer and circ. 15 sks. to pit. Used 25 sks. Class H with 0.6% CF-14 + 25 sks. Class H Neat. Went in hole open ended and spotted cement from 6569 to 5420. Pull tubing to 5000'. Squeezed 50 sks. at 800 psi. Tagged cement at 6430. Spotted 50 sks. from 5400 to 6430. Pull up tubing and squeeze at 900 psi. Tag cement at 6215. Spot 75 sks. in stages from 6215 to 5375. Maximum squeeze pressure 4250 psi. Left pressure overnight. Used 100 sks. of Class H with 0.6% CF-14 and 75 sks. Class H Neat. WOC 18 hrs. Drilled out cement and tested casing from surface to 11955. Squeeze broke at 4650 psi. Found pressure leak in interval from 6116 to 6409. Went in hole with packer to 5865. Squeezed in 5 stages with 200 sks. Class H Neat cement. Final squeeze pressure 5000 psi. Reversed out 15 bbls. cement and left well shut in with 5000 psi on squeeze. Finished squeeze at 1800 on 12-13-85. WOC 18 hrs. Drilled out cement and pressure tested casing to 5000 psi from surface to 11955 for 30 minutes. Held ok.

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

SIGNED

TITLE

Geological Engineer

DATE

12-24-85

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

DEC 27 1985

RECEIVED

DEC 28 1994

U.S. DEPT. OF JUSTICE
HOBBS OFFICE