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NEW MEXICO OIL CONSERVATION COMMISSION
APR 27 1977

O.C.C.
ARTEBIA. OFFICE

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. L-342

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator Mesa Petroleum Co. ✓	8. Farm or Lease Name Hondo State
3. Address of Operator 1000 Vaughn Bldg., Midland, TX 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>F</u> . 1980 FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>32</u> TOWNSHIP <u>20S</u> RANGE <u>28E</u> NMPM.	10. Field and Pool, or Wildcat Undesignated Morrow
15. Elevation (Show whether DF, RT, GR, etc.) 3227' GR	12. County Eddy

16. 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 OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <u>Status report</u> <input type="checkbox"/>

17. 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.

Moved in and rigged up completion unit on 2-27-77. RU McCullough and ran bond log - top of cement at 7950' with fair-good bond at 8050' to PBTD of 10,443'. Drilled DV tool and pressure tested casing to 2000 psi for 30 min. Went in hole with bit and circ hole clean w/2% KCL treated water. POOH w/tbg. RU Schlumberger and ran bond log. Had fair to good bond from 11,070' to 11,428'. Had poor bond from 10,760' to 11,070'. Perf'd the following intervals: 11,048'-54' (7 holes); 11,057'-62' (6 holes); 11,067'-69' (3 holes); 11,117'-23' (7 holes); 11,129' (1 hole); 11,176'-203' (28 holes). Went in hole w/Baker Lok-Set packer on 263 jts 2-7/8" 6.5# N-80 EUE tubing. Bottom of tailpipe at 11,001', PACT tool at 11,000', BFC type "F" 1.81 nipple at 10,997', Lok-Set at 10,987', on-off tool at 10,986' w/1.87" F nipple. Dropped bar to shear disc and shut well in to release unit. Re-opened, had lazy 3'-4' flare. SI well. Opened well on 16/64" choke and blew well down. Did not recovery any fluid. Swabbed from 10,600' & recovered 2 bbls of black watery fluid on first run. Acidized Morrow perfs 11,048'---11,203' w/2000 gals 10% Morrow-Flow acid w/78 ball sealers and 1000 SCF of N₂/bbl. Perfs broke at 5700 psi. Treated at 5200 -5620 psi w/AIR = 4.5 BPM (includes N₂). Had very little ball action. Left well open to pit for 24 hrs. Rate slightly increased from 800 to 1100 MCF on 36/64" choke with 130 psi FTP. Released completion unit. Packoff (2-7/8") in wellhead started leaking. Ran buildup survey across Morrow perfs 11,048'-11,203'.

SEE NEXT PAGE

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

SIGNED Michael P. Houston TITLE Division Engineer DATE April 26, 1977

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE APR 28 1977

CONDITIONS OF APPROVAL, IF ANY: