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NEW MEXICO OIL CONSERVATION COMMISSION

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

MAR 7 1980

O. C. D.

ARTESIA, OFFICE

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L 3358	

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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator Mesa Petroleum Co. ✓		8. Farm or Lease Name Nash Unit
3. Address of Operator 1000 Vaughn Building / Midland, Texas 79701		9. Well No. 7
4. Location of Well (BHL) 685 N 1295 UNIT LETTER D M 1260' FEET FROM THE South LINE AND 1235' FEET FROM THE West LINE, SECTION T 18 TOWNSHIP 23S RANGE 30E NMPM.		10. Field and Pool, or Wildcat Und. Nash-Draw-Morrow
15. Elevation (Show whether DF, RT, GR, etc.) 3012' GR		12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	OTHER <input checked="" type="checkbox"/>

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 to 13,947' on 1-17-80. Pipe stuck with bit on bottom; making connection. Ran Dia-Log - stuck pipe log from 13,947' (TD) to 5,200'. Log indicated pipe stuck in Morrow porosity zones. Spotted oil accross drill collars on two occasions without successful results. Displaced 4,000' of mud from annulus using N₂ as displacement fluid on 1-23-80; no success. Re-ran stuck pipe log. Pipe stuck across Morrow porosity intervals and intermittently to as high as 6,950'. Ran thru pipe logs. Discussed survey requirements and completion--cementing problems with Joe Ramey on 1-26-80. Cemented DP and DC in hole as follows on 1-30-80:
500 bbl 10# brine
100 bbl 11.7# mud
24 bbl 10# mud sweep
175 bbl 12.9# BJ-LW
42 bbl 15.7# BJ Class "H"
188-1/2 bbl 10# brine
Displaced at 4 bpm. Had complete returns throughout cementing operations. WOC 15-1/2 hours then ran temperature survey -- TOC at 12,700'. Compressive strength of LW cement after 36 hours was 1100 psi. Perforated DP with 3 holes at 12,728-730' on 2-2-80. Block squeezed perfs at 3 bpm at 3500 psi using 50 sx "H" + 1% D-19 + 3/10% D-31 + 3% gel + 3# KCL + 1/4# celloflakes + 1/10% R-6 (mixed at 15.7 ppg) and displaced with 178-1/2 bbl brine water leaving 140' of cement in the drill pipe. Re-squeezed perfs on 2-4-80 with 50 sx "H" + 1% D-19 + 3/10% D-19 + 3% gel + 3# KCL + 1/4# celloflakes + 1/10% R-6 displaced with 178 bbls brine pumped at 3 bpm with 2680 psi.

(Continued on back of page)

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

TO <u>R. E. Machis</u>	TITLE <u>Regulatory Coordinator</u>	DATE <u>3-5-80</u>
XC: PARTNERS, MEC, TLS, JWH, NMOCD (3), FILE		
APPROVED BY <u>W. A. Gressert</u>	TITLE	DATE <u>MAR 2 1980</u>
CONDITIONS OF APPROVAL, IF ANY:		