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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

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

RECEIVED

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-103) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name Nash Unit
2. Name of Operator Mesa Petroleum Co. ✓	8. Farm or Lease Name Nash Unit
3. Address of Operator 904 Gihls Tower West, Midland, TX 79701	9. Well No. 1
4. Location of Well UNIT LETTER H 1980 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE, SECTION 13 TOWNSHIP 23S RANGE 29E NMPM.	10. Field and Pool, or Wildcat Nash Draw, Strawn
15. Elevation (Show whether DF, RT, GR, etc.) 3005' GR 3024' RKB	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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER Request extension of temporary abandonment <input checked="" type="checkbox"/>	OTHER <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.

Strawn zone (12,138'-150') is upper reservoir of originally planned dual. As mentioned in Form C-103 dated June 3, 1975, mechanical difficulties were experienced whenever wireline crossover tools were run to permit the Morrow to flow up the tubing-casing annulus and the Strawn to be produced up the tubing. A retrievable packer was set at 12,590' (see attached sketch) and the Strawn could thereafter be produced either thru the annulus or up the tubing thru the sliding sleeve only if the Morrow was isolated below a wireline blanking plug.

The Morrow zone has always appeared to be the more prolific of the two and was being produced up the tubing. The Strawn formation always produced some water when testing. Bottom hole pressure in the Strawn has also shown signs of depletion. The flow rates necessary to lift the water up the tubing-casing annulus were not available. Therefore, it was decided that the Morrow zone would be depleted first and the Strawn formation would be produced thru the tubing at a later date. Shut in annulus surface pressure (on the Strawn) approaches 1100 psi. With sales line pressure at 680-720 psi, production is non-existent. Annular pressure between the 16" and 10-3/4" casing strings will build to 450 psi in 3 1/2-4 weeks after shut-in. Approximately 2 barrels of water and a small amount of gas is recovered as the pressure is bled off. There is no additional leakage whenever the bradenhead is shut in.

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 June 4, 1976

APPROVED BY W.A. Gussert TITLE SUPERVISOR, DISTRICT II DATE JUN 8 1976

CONDITIONS OF APPROVAL, IF ANY:

NASH UNIT #1

SEC 13, T23S, R29E

EDDY CO, N. MEX

2-9-76

16" 65# H-40 @ 300' w/
225 + 100 + 50 SX.
T/CMT B' BELOW SURFACE

10 3/4" 40.5# K-55 @ 3325'
w/ 1113 SX + 14 YDS REDIMIX
CMT REPORTED AT SURFACE

DV TOOL @ 6866'

TOP OF LINER 10,551'

7 1/8" N-80 @ 10,908'

29.7#	@	497'
26.4#	@	5,939'
29.7#	@	8,901'
33.7#	@	10,147'
39#	@	10,908'

CMT 1ST STAGE WITH 600 + 200 SX
CMT 2ND STAGE WITH 550 + 100 SX
TOP OF CEMENT BY TEMP. SURV. 3920'

PERFS 12,138' - 150'

ACIDIZE WITH 2500 GAL 15% + N₂

OTIS TYPE "XO" SLIDING SLEEVE AT 12,559'

BAKER LOK-SET PKR @ 12,590 WITH PROFILE NIPPLE : ON-OFF TOOL

OTIS "WB" PKR @ 13,100'

ACIDIZE WITH 5000 GALS 7 1/2% + N₂

PERFS 13,175' --- 609'

DUMPED 20' OF CEMENT ON TOP OF PACKER. PBTD 13,675'

OTIS "WB" PACKER @ 13,695'

ACIDIZE WITH 2000 GALS 7 1/2% + N₂

PERFS 13,751' --- 776'

FLOAT COLLAR @ 13,800'

5" 23.2 C-75 @ 13,845' w/ 650 SX

13,850'