

COPIES RECEIVED	3
TRIBUTION	
FE	
FILE	✓
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

JUN 4 1975

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

SUNDRY NOTICES AND REPORTS ON WELLS <small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT AREA. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</small>		5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. State Oil & Gas Lease No. K-6600
2. Name of Operator Mesa Petroleum Co. ✓		7. Unit Agreement Name Nash Unit
3. Address of Operator 904 Gihls Tower West, Midland, Texas 79701		8. Farm or Lease Name Nash Unit
4. 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>13</u> TOWNSHIP <u>23S</u> RANGE <u>29E</u> NMPM.		9. Well No. 1
15. Elevation (Show whether DF, RT, GR, etc.) 3005 Gr 3024 RKB		10. Field and Pool, or Wildcat Wildcat
12. County Eddy		

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

PERFORM REMEDIAL WORK ☐
 TEMPORARILY ABANDON ☐
 PULL OR ALTER CASING ☐
 OTHER ☐

PLUG AND ABANDON ☐
 CHANGE PLANS ☐
 OTHER ☐

REMEDIAL WORK ☐
 COMMENCE DRILLING OPNS. ☐
 CASING TEST AND CEMENT JOB ☐
 OTHER ☐

ALTERING CASING ☐
 PLUG AND ABANDONMENT ☐

Dual completion operations ☒

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.

Unable to get Strawn and Morrow zones separated due to mechanical problems. Killed well on 5-4-75 with mud and pulled tubing. Found hole in joint of tubing opposite Strawn perfs - abrasives from Strawn formation had eroded hole due to high velocity. Installed heavy wall blast joints and re-ran tbg with no other changes. Produced well to clean up and attempted to run crossover assembly to Strawn packer. Tested crossover but crossover plugged with mud. Attempted unsuccessfully to separate Morrow and Strawn zones with various crossover and straight thru assemblies. Killed well with brine (BHP 5415 psi) on 5-29-75 and pulled tubing. Blast joints showed slight signs of wear (opposite Strawn perfs). No holes were found. The permanent packer and/or seal bore was suspected of allowing communication between the Strawn and Morrow formation. To eliminate this problem it was decided to run a retrievable packer with an on-off tool to approximately 12,600'. The packer would be used to separate the Morrow and Strawn zone. The Strawn would be produced up the annulus while the Morrow would remain in the tubing. A sliding sleeve was to be run near the bottom to permit taking BHP's in the Strawn. Also, the Strawn could be produced up the tubing after a plug is set over the Morrow. The above was discussed with Dan Nutter on 5-30-75 and he voiced approval. The Strawn zone was re-perforated from 12,138-12,150', with 2 JSPF, to reduce the velocity of the Strawn abrasives. Afterwards, the previously mentioned work was performed. The well is presently being cleaned up.

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 3, 1975

APPROVED BY W. A. Grissett TITLE SUPERVISOR, DISTRICT II DATE JUN 17 1975

CONDITIONS OF APPROVAL, IF ANY:

COPIES RECEIVED		
DISTRIBUTION		
FE		
FILE	1	✓
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

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

MAY 5 1975

O. C. C.

SUNDRY NOTICES AND REPORTS ON WETTED OFFICE

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 <input type="checkbox"/> GAS <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, Texas 79701	9. Well No. 1
4. 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>13</u> TOWNSHIP <u>23S</u> RANGE <u>29E</u> N.M.P.M.	10. Field and Pool, or Wildcat Wildcat
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"/>	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 JOBS <input type="checkbox"/>	Dual completion operations <input checked="" 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.

Acidized Morrow perfs 13,175'---13,609' with 5000 gals of 7½% MS acid with nitrogen in 5 equal stages on 1-14-75. Treating pressures were 9500 psi max, avg 8000 psi, with 5.6 BPM rate. Flowed well to clean up and ran 4 point test, CAOF from Morrow 3,919 MCF/D. NMOCC order # R-4982 authorized dual completion (Morrow and Strawn with Strawn zone being crossed over to tubing since DST indicated more water and condensate production than the Morrow). Two plugs were set in the Otis "WB" packer at 13,100' and service unit rigged up. After loading hole with 12# mud, tubing was pulled. Ran retrievable BP to 12,313' & set pkr at 12,053'. Perforated Strawn formation from 12,138'-150'. Formation yielded estimated 3 MMCF and undetermined small amount of water on test. On March 12, 1975, acidized Strawn perfs 12,138'-150' with 2500 gals 15% with nitrogen, max 7100 psi, avg 6000 psi with 4.5 BPM rate. Well cleaned up making estimated 6 MMCF with slugs of water. Killed well, pulled packer and bridge plug then ran completion string. Displaced casing and tbg with 10# brine. Had difficulty pulling upper plug out of permanent packer. Had to wash down to plug with 1" coiled tubing before pulling plug out of packer. Unable to get crossover choke to seal in Strawn packer. Will have to pull tubing to check for mechanical problems.

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 May 2, 1975

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE MAY 9 1975

CONDITIONS OF APPROVAL, IF ANY: