

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Socony Mobil Oil Company, Inc.		Address Box 2406, Hobbs, New Mexico				
Lease Barbara Owens	Well No. 1	Unit Letter M	Section 35	Township 158	Range 36E	
Date Work Performed 6-8-60 to 7-5-60	Pool Dean Fermo Penn			County Lea		

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☐ Other (Explain):
☐ Plugging ☒ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Pulled rods, pump & tbg. Worth Well set Baker model "K" cement retainer @ 11,589' on wire line. Ran 2 1/4" tbg. to 11,560'. Attempted to load hole w/230 bbls treated wtr. Pumped into lower perfs 11594-606 below pkr @ 11589' 50 bbls of treated wtr @ 8 BPM. TP vac. Halliburton attempted to squeeze perfs 11594-11606' w/50 sks Trinity Inferno, TP Vac. over flushed w/7 bbls wtr. Pulled tbg to 8722', WOC 3 hrs. Ran tbg to pkr @ 11589', latched into pkr, pumped 50 bbls wtr into lower perfs. Re-squeezed w/50 sks Trinity Inferno Heat, TP vac. over flushed w/2 bbls wtr. Pulled tbg to 8722'. WOC 12 hrs. Ran 2 1/4" tbg to 11569' w/tbg perfs 10442-10439'. Seating nipple 10398', tbg anchor 10440'. Ran rods & pump. Pump 16 BNO & 43 BLW 15 hrs. Pumped off. Ran Sonalog indicated well dry of fluid. Pulled rods. Left pump in hole. Attempted to pull tbg, tbg stuck. Pulled tbg & Rec. Fish 120 hrs. Lane Wells tagged bottom @ 11578 PBYD. Perforated 11556-11577 w/2 shots per ft. Ran 2 1/4" tbg to 11575', w/pkr @ 11539'. Cardinal acidized perfs 11556-11577 w/4000 gals retarded 15% acid, Break down TP 3400#, TP 2800-100. Rate 5.6 BPM. Immediate SITP Vac. Pulled 2 1/4" tbg & pkr. Reran 2 1/4" tbg to 10474' w/tbg perfs 10441-10444', seating nipple @ 10441', McGaffey Taylor tbg hold down @ 10394-97'. Ran rods & 1 3/4 X 36' Axelson Pump. Pumped 78 BNO & 240 BLW (all) & 96 BSW (all) & 1042 BSW in 125 hrs.

Witnessed by E. D. Hughes	Position Drig. Foreman	Company Socony Mobil Oil Company, Inc.
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. 3858	TD 11861'	PBTD 11722'	Producing Interval 11516 to 11606	Completion Date 5-14-56
Tubing Diameter 2 1/4"	Tubing Depth 11696'	Oil String Diameter 3 1/4"	Oil String Depth 11861	

Perforated Interval(s)
11516-11536, 11534-11584, 11594-11606

Open Hole Interval -	Producing Formation(s) Penn
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RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover	May, 1960	19	57	144	3000	-
After Workover	July 13, 1960	18	33	243	1880	-

OIL CONSERVATION COMMISSION

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

Approved by <i>Leslie A. Clements</i>	Name <i>B. H. Dampfl</i>
Title Oil & Gas Inspector	Position District Superintendent
Date JUL 19 1960	Company Socony Mobil Oil Company, Inc.