

## 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 <b>Socony Mobil Oil Company, Inc.</b>		Address <b>Box 2406, Hobbs, New Mexico</b>			
Lease <b>E. O. Carson</b>	Well No. <b>2</b>	Unit Letter <b>D</b>	Section <b>33</b>	Township <b>21S</b>	Range <b>37E</b>
Date Work Performed <b>9-20-60 to 1-11-61</b>	Pool <b>Drinkard</b>			County <b>Lea</b>	

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations      ☐ Casing Test and Cement Job      ☒ Other (Explain):  
☐ Plugging      ☐ Remedial Work      **Plug back & recompleat in Drinkard Pool.**

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

Rig up X-part Well Service Pulling Unit. Pulled tbg, gas lift valves, & 5 1/2" Guiberson Pkr. Western Co. tagged bottom @ 7763'. McCullough ran 2 1/2" Aluminum BP Set in 2 3/4" ID Liner @ 7660'. Dumped 2 sks Regular Neat Cement on top BP @ 7660'. WOC 14 hrs. Tagged cement @ 7607' PBTB. Perforated 3 1/2" liner 6589-90, 6575-76, 6564-65 w/4 JS/Ft. Lost stripper rubber in hole. Pushed rubber to 7480'. Western ran perf gun to 6508 top of 3 1/2" liner, gun stopped. Western ran Impression Block to top of 3 1/2" liner. Top of liner damaged. Ran 2 5/8" Tapered Mill on 2" tbg. Milled out top of 3 1/2" liner 6508 to 6518 in 1/2 hr. Pulled tbg & mill. Western perf 3 1/2" liner 6544-45, 6528-29, 6519-20 w/4 JS/Ft. Ran 2" tbg to 6495' w/pkr @ 6495', 1 3/4" tail pipe to 6615'. Western attempted to acid w/500 gals 15% Non-Emulsion, Packer failed. Pulled tbg & pkr. Ran 2" tbg to 6495' w/H.W. pkr @ 6495' w/1 3/4" tail pipe to 6615'. Western Co. acid perfs w/500 gals 15% Non-Emulsion Acid, Break Down TP 4800#. Treat TP 4800-4200#, Rate 1 BPM, Immed SITP 4200#, SI 2 hrs TP 2600#. Swab 101 BLO + 12 BAW in 10 hrs, swab dry 2 hrs. Western attempted to load annulus w/100 BO, Pkr not holding. Pulled tbg & pkr. Tested csg w/Baker Packer to 6433 w/2000# for 30 mins, OK. Re-acid perfs w/1000 gals 15% Non-Emulsion Acid, Break Down TP 4600#, TP 4500# to 3250#. Rate 3 BPM. Immed SI Press 1900#. SI 10 hrs TP-Vac. Swab 39 BLO + 5 BAW in 8 hrs. Swab dry 3 hrs w/good show gas. (Cont'd on back)

Witnessed by <b>J. M. McGee</b>	Position <b>Engineer</b>	Company <b>Socony Mobil Oil Company, Inc.</b>
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## FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

## ORIGINAL WELL DATA

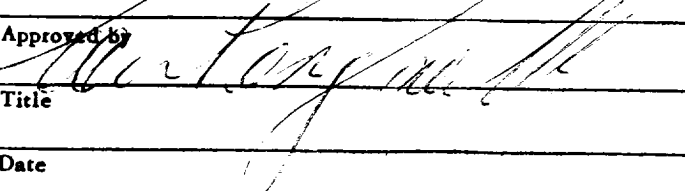
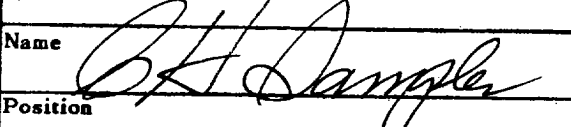
D F Elev.	T D	P BTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

## 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						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by 	Name 
Title	Position <b>District Superintendent</b>
Date	Company <b>Socony Mobil Oil Company, Inc.</b>

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Pulled tbg & pkr. Western Co. Sand Oil Frac perfs w/5000 gals of refined oil using 2# sd/gal. Break down CP 3600#, Treat CP 3900-5000#, Rate 4.1 BPM. Immed SICP 5000#. Sanded out, lack 2 bbls of flush. SI 16 hrs CP - Vac. Ran 2" tbg tagged sand @ 6426'. Clean out sand 6426' to 6628'. Ran 2" tbg 6493', Seating Nipple @ 6492', Pkr @ 6431'. Install Xmas Tree. Swab 39 BLO in 5 hrs, good show gas, 2750' FIH, SI 12 hrs TP 450#. Swab 28 BLO in 11 hrs w/good show gas. Swab dry 2 hrs w/good show gas. SI 11 hrs. TP 725#. Install BOP. Pulled 2" tbg & pkr. Ran 402' of 1 3/4" tbg on 2" tbg to 6904'. No sand fill up. Halliburton ran W. L. and tagged sand @ 7468'. Pulled tbg. Western Co. re-acid perfs w/5000 gals retarded acid using 20 ball in continuous injection. Break Down CP 5400#. Treat CP 5400-3200#. Rate 10.5 BPM. Immediate SICP 2300#, 5 Min SICP 800#, SI 10 hrs. CP - Vac. Ran 2" tbg to 6493' w/seating nipple @ 6492', Pkr @ 6431'. Install Xmas Tree. Swab & flow 27 BLO in 2 hrs, good show gas. Flowed 19 1/2 BLO last hr on 48/64" choke. TP 160-80#. From 10-6-60 to 1-10-61 flowed 618 BLO (All) + 103 BAW (All). Potential Test completed 1-11-61. Well recompleted 10-5-60.

1. The first part of the report

is devoted to a general description of the project. It begins with a statement of the purpose and objectives of the study. The next section describes the scope of the project and the areas of interest. This is followed by a brief review of the literature on the subject. The final part of this section is a summary of the main findings of the study.

The second part of the report is devoted to a detailed description of the methodology used in the study. This includes a description of the data sources, the sampling method, and the statistical techniques used to analyze the data. The third part of the report is devoted to a detailed description of the results of the study. This includes a description of the main findings and a discussion of their implications.

The fourth part of the report is devoted to a discussion of the limitations of the study and suggestions for future research. The final part of the report is a conclusion and a list of references.