

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 E. O Carson	Well No. 20	Unit Letter N	Section 28	Township 21S	Range 37E		
Date Work Performed 5-10-60 to 6-19-60		Pool Paddock & Wants Abo			County Lea		

THIS IS A REPORT OF: (Check appropriate block)

<input type="checkbox"/> Beginning Drilling Operations	<input type="checkbox"/> Casing Test and Cement Job	<input checked="" type="checkbox"/> Other (Explain): Dual complete - Administrative order No. DC-951.
<input type="checkbox"/> Plugging	<input type="checkbox"/> Remedial Work	

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

Pulled 2" tbg & pkr & 3 marla Gas Lift Valves. Frontier ran Isotron & Gamma Ray Neutron Logs from 2400' to 7610'. Set C. I. Bridge plug @ 7440' & Halliburton dumped 9' hydramite to 7431' PSTD. Frontier perforated 5 1/4" csg @ 7203'-7216' w/4 Jet shots per ft. Ran 2" tbg to 7230' w/pkr @ 7000'. Cardinal Chemical acidized Abo perfs w/500 gals, 15% Non-Emulsion Acid, TP 3400-2800-3100#. Rate .3 BPM. Immediate SI press 3050. 5 min SITP 2900#. Swab 30 BLO & 12 BAW in 7 hrs. Swab dry 2 hrs. Cardinal reacidized Abo perfs w/1000 gals 15% Non-Emulsion Acid, TP 2800-3100#. Rate 1.6 BPM. Immediate SI press 2850#, 5 min TP 2800#. Swab 32 BLO & 24 BAW in 6 hrs. Swab dry 8 hrs. Cardinal Chemical sand oil frac Abo perfs w/2000 gals refined oil & 1/4# sand/gal. TP 5500-5700#. Rate 4.8 BPM. Immediate SI press 3800#. 5 min TP 3250#. SI 14 hrs TP 2600#. Swab 93 BLO in 22 hrs. Swab dry 1 hr. Pulled tbg & pkr. Frontier perforated 5 1/4" csg @ 7143, 7129, 7121, & 7117 w/4 shots each depth. Ran 2" tbg to 7193' w/Baker Rat. BP @ 7193', L-30 pkr @ 7163'. Tested BP w/3500# ok. Re-Set L-30 pkr @ 7073' w/ tbg @ 7105'. Cardinal acidized Abo perfs w/500 gals 15% acid. TP 1500-2800#. Rate .4 BPM. Immediate SITP 2750#. 5 min SI 2500#. Swab 29 BLO & 18 BWO & 6 BAW in 10 hrs. Cardinal re-acidized Abo perfs w/1000 gals of Iron Stabilized Retarded Acid. TP 4000-4500#. Rate 5.7 BPM.

(Continued on back)

Witnessed by M. R. Hanks	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.	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 B.H. Sample	
Title		Position District Superintendent	
Date		Company Socony Mobil Oil Company, Inc.	

Immediate SITP 29000. 5 min SITP 24000. SI 8 hrs TP 6500. Swab 30 BLO & 4 BNO & 15 BAN in 4 hrs. Pulled tbg, BP & pkr. Ran 2" tbg to 7090 w/BP @ 7175 & L-30 pkr @ 7055'. Cardinal Chemical acidized Abo perfs w/5000 gals 15% Non-Emulsion w/14 ball sealers. TP 2300-46000. Rate 6.5 BPM. Immediate SI press 28000. 5 min SITP 25000. Swab 25 BLO in 2 hrs. Flowed 150 BNO & 60 BAN in 19 hrs 12/64" ck. TP 12000. s/o 3% AW. Killed well w/oil. Pulled tbg, pkr & BP. Frontier perforated 5 1/2" csg @ 7094, 7089, 7085, 7073, 7069, & 7065 w/4 Jet shots each depth. Ran 2" tbg to 7105', BP @ 7120, pkr @ 7012. Swab 20 BLO in 1 hr. Flowed 10 BLO & 15 BNO in 1 1/2 hrs. Killed well w/120 bbls treated salt wtr. Pulled tbg, pkr & BP. Frontier perfs 5 1/2" @ 5182' & 5210' w/4 shots each depth. Ran 2" tbg to 5239' w/pkr @ 5125' & Ret BP @ 5260'. Swab 16 BBN 3 hrs. Swab dry 2 hrs. Cardinal acidized Paddock perfs 5182' & 5210' w/500 gals 15% Non-Emulsion. TP 3800-3300-18000. Rate .5 BPM. Immediate TP 17730. 5 min TP 11000. Swab 21 BLO & 12 BAN & 7 BNO in 6 hrs. Swab dry 3 hrs. Reset HW pkr @ 5065' w/2" tbg @ 5160. Swab 21 BLO in 2 hrs. Cardinal Chemical acidized w/2000 gals 15% Non-Emulsion using 7 ball sealers. TP 3000-34000. Rate 3.7 BPM. Immediate SITP 28000, 5 min TP 20000. Swab 21 BLO & 12 BNO & 40 BBN. Flowed 60 BNO & 42 bbls salt wtr 12 hrs, 34/64" ck. TP 80-2000. Qty 35.2". Pulled tbg & pkr. Could not pull BP. Pushed BP to 7193'. Milled to 7202'. Frontier perfs 5 1/2" csg 5144-5150 w/2 Jet shots per foot. Set Baker model "D" pkr in 5 1/2" csg @ 7020' w/expandable plug. Ran 2" tbg to 5155' w/Baker Ret BP @ 5168'. L-30 HW pkr @ 5041'. Swab 21 BLO 2 hrs. Swab 22 BNO & 4 BBN 3 hrs. Frontier perforated 5 1/2" csg 5144-5150 w/2 Jet shots per ft. Swab from perfs 5144-5150 57 BNO & 9 BBN in 12 hrs. Pulled tbg, pkr & BP. Flowed 75 BNO in 2 hrs 2" ck, well dnd. FEAS perf 5 1/2" csg 5123-5130 w/2 shot per ft. Set Baker Ret. BP @ 5135'. Ran 2" tbg to 5131' w/L-30 pkr @ 5034. Swab 18 BLO in 2 hrs. Swab dry 2 hrs. Cardinal Chemical acidized perfs w/500 gals 15% treated acid. TP 2600-3000. Rate 1/2 BPM. Immediate SI press Vac. 5 min SITP 0. Over flushed w/2 BQ. Swab 24 BLO in 2 hrs. Flowed 80 BNO & 12 BAN & 30 BBN 11 hrs., 16/64" ck. TP 100-4000. Ran 2 1/16" Integral tbg to 7003' w/seating nipple @ 7031', seal assembly w/latch locator sub in W. L. pkr @ 7020'. Paralled tbg anchor @ 5167'. Ran 2 1/16" tbg to 5167' w/seating nipple @ 5120'. Install Xmas Tree. Abo zone SI 6-7-60 for pkr leakage test. Paddock Zone SI 6-15-60 for pkr Leakage test. Packer leakage test completed 6-18-60. Potential Test completed 6-17-60 Paddock Zone. Potential test completed 6-19-60 Abo Zone.