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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 State Bridges	Well No. 36	Unit Letter D	Section 25
		Township 17S	Range 34E
Date Work Performed 10/14 thru 12/16/62	Pool Vacuum (G, S.A.)	County Lea	

THIS IS A REPORT OF: (Check appropriate block)

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

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

Moved in & rigged up Dale Mount Drlg. Co. rig. Pulled tbg. Circ. well, clean out 4241-4706'. Ran fluid caliper. Ran drill pipe open ended & clean out 4654-4706'. B. J. Service cemented open hole w/1150 sx Portland neat cement. Cement circ. Pulled DP. WOC 24 hrs. Drilled cement 720-4100'. Tested 7" csg. w/1800# for 30 mins. Tested OK. Drilled cement 4100-4706'. Shut down 45 mins. Tagged bottom, hole clean. Drilled 6 1/8" hole 4706-6900 TD. Schlumberger ran Induction-laterlog 4221-6901' and Sonic log 0-6895'. Set 2833' of 15# N-80 5" liner @ 6900'. Top of liner @ 4067'. Cemented w/375 sx Trinity Lite Water + 50 sx neat cement. Plug down @ 11:15 PM 10/29/62. Circ. cement. WOC 36 hrs. Tested top of liner w/1200# for 15 min. Tested OK. Drilled cement 6712-6900'. Spotted 10 sx cement plug 6833-6900'. Tested csg. w/1800# for 30 mins. Tested OK. Ran 5" csg. & tied into top of 5" liner @ 4067'. Ran 2" tbg. to 6833', tested liner, leaked @ 2000#. Pulled tbg. & 5" csg. from 4067'. Repaired landing sub. Ran 5" csg. to 4067', liner seal leaked. Pulled 5" csg. Ran 2" tbg. to 6833' displace water to oil. Pulled 2" tbg. The Western Co. ran GR-Correlation log 4200-6838'. The Western Co. perf. 5" liner @ 6419, 6422, 6429, 6442, 6447, 6453, 6459, 6485, 6508, 6516, 6570, 6601, 6605, 6610, 6614, 6625, 6633, 6639, 6650, 6652, 6671, 6674 & 6705 w/1 Jet shot per ft.

Witnessed by Earl D. Hughes	Position Drilling 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 B T D	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 C. R. Mayes	
Title		Position Group Supervisor	
Date		Company Socony Mobil Oil Company, Inc.	

Socoony Mobil Oil Company, Inc.

State Bridges #36, Unit D,
Sec. 25, T-17S, R-34E, Lea
County, New Mexico

Ran 2" tbg. w/I-30 pkr. to 6410', pkr. @ 6404'. The Western Co. acidized perfs. 6419-6705 w/1500 gal. 15% NE Acid + 18 RCN ball sealers. Break dwn. pr. 5900#, treating pr. 4800-3500#, rate 3.5 BPM. ISIP 2200#, bled to zero. Pulled tbg. & pkr. Ran 4½" tbg. & pkr. to 4076'. The Western Co. sand oil frac. perfs. 6419-6705 w/20,000 gal. refined oil + 40,000# 20-40 sand + 1/40# Addomite per gal. + 18 RCN ball sealers + 15½ ton CO₂. Break down pr. 2000#, TP 6000-5200#, Rate 26.2 BPM. ISIP 3500#. SI 1 hr. TP 3300-290#. Flow 177 BLO + 273 BNO + 26 BAW in 16 hrs. 24/64" ch. TP 400#. Killed well with inverted oil emulsion mud & pulled 4½" tbg. & pkr. The Western Co. ran Baker Model D w/expendable plug set @ 6400'. Ran 2" tbg. to 6370'. Circ. mud to oil. Western Co. dumped 10' frac. sand & perf. 5" liner @ 4743, 4744, 4745, 4746, 4753, 4754, 4755, 4756, 4798, 4799, 4802, 4803, 4804, 4805, 4806, 4809, 4810, 4811 w/1 jet shot per ft. Ran 2" tbg. to 4815' w/Guiberson L-30 pkr. @ 4625'. The Western Co. acidized San Andres perfs. 4743-4811 w/500 gal 15% NE Acid. Break dwn. pr. 2500#, treating pr. 3100-3200#, rate 3 BPM, ISIP 2400#, bled to zero. Pulled tbg. & pkr. Ran 4½" tbg. to 4075'. The Western Co. sand oil frac perfs. 4743-4811 w/20,000 gal refined oil + 37,000# 20-40 sand + 12 RCN ball sealers + 2000 gal 15% NE Acid + 21½ ton CO₂. Break down pr. 2000#, treating pr. 6000-5500#, rate 18.5 BPM. ISIP 3800#. Shut in 1 hr. TP 2800#. Flowed & bled back 200 BLO in 11 hrs. Pulled 4½" tbg. Ran 2" tbg. to 5830', no sand, pulled to 4815', Guib. pkr. @ 4625'. Swab 97 BLO + 60 BAW in 23 hrs. Pulled tbg. & pkr. Ran 2" tbg. to 6325', reversed frac sand to 6400'. Pulled 2" tbg. Ran 2450' of 1½" intergal jt. tbg. w/Baker parallel anchor @ 4840' then 3951' of 2 3/8" butress tbg. Set 1 1/4" tbg. in Model D pkr. @ 6400' w/5000# tension. Ran 881' of 2 1/16" + 3959' of 2 3/8" butress tbg. Set 2 1/16" tbg. in parallel anchor @ 4840' w/4000# tension. Removed BOP & installed I'mas tree. Remove back pr. valve. Released Dale Mount Drlg. rig @ 11 PM 11/11/62. Shut in 72 hrs.

Yeso Perfs. 6419-6705 flow 22 BNO & no wtr. in 18 hrs. 10/64" ch. TP 1000#. On NMOCC Pot. Test flow 105 BNO + 30 BLW in 24 hrs. 10/64" ch. GOR 1850, Qty. 36.0 @ 60°. TP 925#. Complete 11/4/62.

San Andres Perfs. 4743-4811 install pump unit 11/17/62. Started pumping on 11/20/62. Pumped 506 BLO + 4 BNO + 757 BSW in 576 hrs. On NMOCC Pot. Test pumped 6 BNO + 47 BSW in 24 hrs. 18-44" SPM. GOR TSTM. Qty. 36.9 @ 60°. Complete 12/14/62.

