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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1196)

1961 JUN 13 AM 8:09

Name of Company Socoany Mobil Oil Company, Inc.		Address Box 2406, Hobbs, New Mexico			
Lease Dickinson Hairs	Well No. 1	Unit Letter M	Section 33	Township 10 S	Range 36 E
Date Work Performed 4/8 thru 4/24/61	Pool Dickinson Perm.			County Lea	

THIS IS A REPORT OF: (Check appropriate block)

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

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

Pulled 2 1/2", 2" tbg., rods & pump. Ran 5 1/2" esg. scraper to 11,456'. Pulled scraper, set Halliburton DC retainer @ 11,348'. Halliburton squeezed perfs. 11,504 to 11,562 w/100 sks. trinity inferno neat cement. TP 5500#. Left 5 bbl. cement on top of retainer @ 11,348'. Pulled tbg. McCollough tagged cement plug @ 11,014 PBT. McCollough perf. 5 1/2" esg. @ 10,790-10,805' w/4 jet shots per foot. Ran 2" tbg. to 10,834' w/plr. @ 10,739'. Swab 35 BLO in 3 hrs. 3000' FIM. SI. show gas. SI 11 1/2 hrs. TP 125. Swb. 10 BLO in 2 hrs. Swb. dry 2 hrs. SI 18 hrs. TP 200#. Swb. 11 BNO in 2 hrs. Swb. dry 3 hrs. BJ Service, Inc. acidized perfs. 10,790 - 10,805' w/500 gals. 15% NEM Acid. Brk. dm. TP 4700#. TP 4700-4700#. Rate .71 BPM. Immediate SI TP 4700#. 10 min. SI TP 2800#. Swb. 14 BLO in 2 hrs. 6000' FIM. No show of gas. SI 11 hrs. TP 0#. Swb. 30 BLO + 12 BAW + 14 BNO in 7 hrs. Swb. dry 4 hrs. good show gas. SI 13 hrs. TP 700#. Swb. & flow 13 BNO in 5 hrs. Swb. dry 1 hr. BJ Service, Inc. re-acidized perfs. w/1000 gals. 15% retarded acid. Brk. dm. TP 3200#. TP 3200-4400#. Rate .28 BPM. Immediate SI TP 4400#. SI 10 mins. TP 2800#. SI 16 hrs. TP Vac. Swb. 44 BLO + 22 BAW in 9 hrs. Swb. dry 3 hrs. Good show gas. SI 12 hrs. TP 600#. Swb. 2 BAW in 3 hrs. Swb. dry 3 hrs. SI 30 mins. Flow 0 bbl. fluid 16/64" AG 4 hrs. TP 75-90#. SI 11 1/2 hrs. TP 900#. Flow 0 bbl. fluid in 6 hrs. (Continued)

Witnessed by Marta Ratliff	Position Production Foreman	Company Socoany Mobil Oil Company, Inc.
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. 4019	TD 12,690	PBTD 11,641	Producing Interval 11,504-11,562	Completion Date 1/23/57
Tubing Diameter 2"	Tubing Depth 11,608	Oil String Diameter 5 1/2"	Oil String Depth 12,690	

Perforated Interval(s)
11,504-17, 11,524-31, 11,540-48, 11,550-62

Open Hole Interval	Producing Formation(s) Perm.
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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	6/14/60	6	14	2	2333	-
After Workover	6/4/61	5	TSTM	8	TSTM	

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

OIL CONSERVATION COMMISSION		Name [Signature]	
Approved by [Signature]	Title Oil & Gas Engineer	Position Senior Clerk	
Date JUN 13 1961	Company Socoany Mobil Oil Company, Inc.		

Dickinson Heirs - Continued

16/64" ck. TP 500-50. Swb. 5 BNO 1 hr. Swb. dry 2 hrs. SI 21 hrs. TP 600#. BJ Service, Inc. re-acidized perfs. w/5000 gals. 15% NEM Acid. Brk. dwn. TP 2800#. TP 2800-4800#. Rate .15 BPM. Immediate SI TP 5000#. SI 10 mins. 4500#, TP. SI 6 hrs. TP 900#. Flow 3 BLO in 1 hr. 16/64" ck. TP 900-0#. Swb. 35 BLO + 46 BAW in 7 hrs. Good show gas. 3800' FIN. SI 12½ hrs. TP 400#. Swb. 1 BLO + 20 BAW in 3 hrs. Swb. dry 6 hrs. SI 37½ hrs. TP 400#. Flow 21 BNO + 31 BAW in 4½ hrs. TP 400-C#. Swab 23 BNO + 13 BAW + 19 BSW in 11 hrs. Pulled & reran 2" tbg. to 10,841 w/pkr. @ 8784', seating nipple @ 10,808'. Ran 2" x 1½" x 36' x 42' insert pump. Pumped 0 BNO + 0 BSW in 120 hrs. Pulled pump and 2" tbg. & located tbg. leak @ 8780'. Ran 2" tbg. w/Bala anchor, rods & pump to 10,800'. Pumped 134 BNO + 100 BSW + 9 BSW in 125 hrs. SI 72 hrs. for fluid build up. Pumped 12 BNO + 12 BSW in 18 hrs. SI 24 hrs. for fluid build up. On 24 hr. Pot. Test pumped 5 BNO + 8 BSW in 24 hrs. 5½-18' SPM. GOR TSTM, Qty. 38.0° @ 60°. Workover complete 3:15 PM 4/21/61.