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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 Sinclair Oil & Gas Company				Address 520 E Broadway, Hobbs, N.M.			
Lease State Lea 373	Well No. 4	Unit Letter I	Section 34	Township 19S	Range 37E		
Date Work Performed see below	Pool Ement		County Lea				

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☒ Casing Test and Cement Job
 ☒ Other (Explain): **Perforation, treatments & well completion.**
☐ Plugging
 ☐ Remedial Work

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

- 3-19-61** 3925' TD - Run electric logs, ran 3925' of 4-1/2" OD 9.5# J-55 csg set at 3925' w/200 sks cement (150 sks reg plus 50 sks laytex). Completed at 8:30 PM 3-19-61. WOC.
3-22-61 Tested casing w/1000 lbs pump pressure for 30 mins before & after drlg out cement-no decrease in pressure. Cement set 24 hrs prior commencing test. (Top of cement behind 4-1/2" csg at 3025').
3-23-61 3920' PB Jet perforated 4-1/2 csg 3908-18 w/20 1/2" holes. Ran 2" tbg & packer to 3886. Swabbed dry. Mud acid washed perfs w/250 gals max press 4500, min press 2900, inj rate 2 BPM. Swabbed 15 BLO & 4 BAW in 5 hrs. Acidised perfs w/500 gals reg acid, max press 2000, min press 2000, inj rate 2 BPM, 10 min sip 700#, swabbed dry.
3-24-61 3898PB - plugged back f/3898 to 3898 w/17 gals hydranite. Jet perforated 4-1/2 csg f/3888-94 w/12 1/2" holes. Ran 2" tbg & packer to 3855, swabbed dry. Mud acid washed perfs w/250 gals, max press 4900, min press 2400, inj rate 1.4 BPM, swabbed dry. (cont'd back of sheet)

Witnessed by Henry P Booth	Position Foreman	Company Sinclair Oil & Gas Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	TD	P BTD	Producing Interval	Completion Date
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Tubing Diameter	Tubing	Oil String Diameter	Oil String Depth
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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.

Name **E. Rickard**
 Position **Asst Dist Supt**
 Company **Sinclair Oil & Gas Company**

3-25-61

4-3-61

Sandoll traced parts w/10,000 gals refined oil & 5670lbs sand, max press 5400, min press 4200, inj rate 5 BPM, 10 min SIP 1800#, swapped & kicked well off, flowing at rate of 9 BHO per hr.

Ran rods & set pumping unit - well died due increase in formation water. Pumped 3 bbl oil & 25 bbl water in 24 hrs. Pulled rods & tbg. Set Baker CI retainer at 3874. Squashed parts 3888-94 w/50 sks reg cement. max press 4500, reversed out 7 sks. Completed at 1:00 AM 4-4-61. WOC.

4-5-61

Jet perforated 4-1/2" ess 3852-66 w/28 1/2" holes. Ran 2" tbg & packer to 3833. Mud acid washed parts w/250 gals, max press 3500, min press 2200, inj rate 1 BPM.

4-6-61

Pulled tbg & packer & rerun to 3771, sandoll traced parts w/20,000 gals refined oil & 20,000 lbs sand, max press 6100, min press 4200, inj rate 4.2 BPM, 15 min SIP 1800#. Swapped & kicked well off, flowing at rate of 4 BHO per hr.

4-11-61

Pulled tbg & packer - rerun tbg to 3856, ran rods & placed well on pump. Pumping & recovering lead oil.

5-3-61

Pumped 8 BHO, 2 BWM & 3 BHO in 24 hrs.

5-4-61

3874PB grayburg - ON 24 HOUR POTENTIAL TEST - ending 6:00 AM 5-4-61, well pumped 8 bbls new 36.0 gravity oil & 1 bbl formation water in 24 hrs. GOR 875/L. tbg press-zero, ess press-zero, completed as an oil well thru perforations 3852-66 after 250 gals mud acid & 20,000 gal/20,000 lbs sandoll trace. FINAL REPORT.