

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 East Broadway - Hobbs, New Mexico					
Lease State Lea 886	Well No. 1	Unit Letter F	Section 16	Township 20S	Range 35E		
Date Work Performed As Shown	Pool Wildcat			County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☒ Casing Test and Cement Job
 ☒ Other (Explain): **DSTs, Perforate, Acidize, Complete**
- ☐ Plugging
 ☐ Remedial Work

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

- 11-27-59 DST #1 1/3049-3069 - Yates Sand - 5/8" Bottom Choke & 1" Top Choke. No water cushion. Tool opened 30 min. w/blow & died in 5 min. Recovered 490' drilling mud w/no show oil, gas or water. IFP 295% FFP 295%. 30 min. SIP 900%. Hyd. in & out 1678#.
- 11-28-59 DST #2 1/3150-3215 - ^{Yates Sand} ~~Captain Sand~~ - 5/8" & 1" chokes. No water cushion. Tool open 45 min. w/strong blow decreasing & died in 45 min. No gas or fluid to surface. Recovered 1440' of mud out oil for a total of 2825' recovery. IFP 1030% FFP 1155%. 30 min. SIP 1155%. 30 min. SIP 1155%. Hyd. in & out 1700#. Temp. 180°F.
- 11-29-59 Ran Schlumberger elec. logs. to 3325'.
- 11-30-59 Ran 3325' (103 jts.) of 5-1/2" OD csg. to 3325' w/2 stage collar @ 2803'. 5 centralizers on bottom 5 jts. Bottom 3 jts. spot welded. Cemented 1st stage w/ 100 sks. cement w/4% Jel & 200 sks. neat cement.
- 12-1-59 Circulated above collar. Circulated mud 4 hrs. between stages. 2nd stage cemented w/1350 sks. Inner cement w/4% Jel & 32% salt per sk. plus 200 sks. neat cement. Cement circulated to surface. WOC. (WFR)

Witnessed by	Position	Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

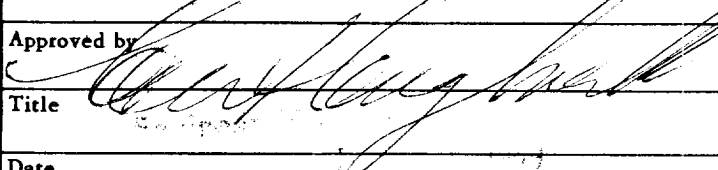
D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

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 Ch. Santos
Title Superintendent	Position Dist. Supt.
Date	Company Sinclair Oil & Gas Company

- 12-2-59 Nipped up and installed csg. head.
- 12-3-59 Drilled out 2 stage collar @ 2803'. Tested csg. w/1500# before & after drig. & drilled out to 3315'. Ran neutron correlation & Velocity logs. Performed tests 1/3144-42; 3144-76; 3195-98; 3220-3232 w/154 holes (2 jet shots & 2 bullet holes).
- 12-4-59 Ran 2-3/8" CD tbg. to 3212 w/Guiberson packer & hold-down @ 3212'. Baker retrievable bridge plug set @ 3240. Acid washed perfor. 3220-3232 w/500 gals. breakdown acid. Mud. press. 1900#. Min. press. vacuum. Daj. rate 1.7 BPM. On potential test cased 293 bbls. 29.5 cwt new oil in 12 hrs. for a calculated 24 hr. potential of 586 bbls. No GOR taken. Est. GOR 100 to 1. Calendar day allowable of 36 bbls. oil per day. Final report.

NOTE: Cementing of 5-1/2" CD casing witnessed by Eric Engbrecht, representing the New Mexico Oil Conservation Commission.