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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 P. O. Box 1920, Hobbs, New Mexico, 88240	
Lease Elmer C. Hill	Well No. 1	Unit Letter P	Section 26
Township 21S		Range 37E	
Date Work Performed Shown below	Pool Elinchry-Drinkard	County Lea	

THIS IS A REPORT OF: (Check appropriate block)-

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☒ Other (Explain): **Perforate, squeeze, acidize and Sand Oil Pres.**
- ☐ Plugging
 ☐ Remedial Work

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

- 10-2-64 Jet perforated Drinkard @ 6444', 6482', 6505', 6513', 6521', 6530', 6538', 6546', 6553', 6557', 6564', 6575', 6581', 6587', w/28-3/8" holes.
- 10-3-64 Spot acid over Drinkard perfs 6444'-6587', ~~XXXXXXXXXXXX~~ acidize w/1500 gals. spearhead acid, Max. Press. 5400#. Final 1750#.
- 10-8-64 Run tubing and ret. packer to 5740' test below packer to 2200#, in 30 min. OK. Reset packer @ 5600', displaced 200 sks. Inner Neat, 14.6# thru perfs. 5649-5709' Elinchry Gas Max. Press. 2200#, would not hold, clear perfs. w/10 Bbl. water, recoment w/150 sks. Inner Neat 14.6# cement, Max. Press. 3000#, would not hold, cleaned perfs. re-squeened w/35 sks. Inner Neat cement 14.4#, Max. Press 5200#.
- 10-9-64 WOB 24 hrs.
- 10-10-64 Drilled 5thm cement 5600'-5719' tested Csg & perf. 5649-5709' w/2000# F/1 hr. O.K.
- 10-11-64 Drilled C.I. BP @ 6440' and wash to 6606'.
- 10-12-64 Reperforate Drinkard 6444', 82', 6505', 6513', 6521', 6530', 6538', 6546', 6553', 6557', 6564', 6575', 6581', 6587' w/14 holes. Spot 200 gal. Spearhead acid and displaced thru perfs. Max. Press. 2500# @ 1 RPM.

(Continued on Back)

Witnessed by Wyatt Sisson	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.	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 Fred Burns
Title Engineer	Position District Superintendent
Date 10-12-1964	Company Sinclair Oil & Gas Company

- 10-13-64 SCF Drinkard perfs. 6464'-6587' w/20,000 gal. refined oil and 14,000# sand Max. Press. 6400#, Min. 5700# @ 15 EPM. Inst SIP 3100#, in 10 min. SIP 2800#.
- 10-21-64 Set Baker Model FA packer @ 6410', dump 45' frac sand to 6365'. Test Casing 2000#, bled off 1200#, in 3 minutes.
- 10-22-64 Displace 100 sks. Inner neat cement thru Hlinebry perfs. 5649'-5809', Max. Press. 2800# would not hold, cleared perfs, resqueezed Hlinebry perfs. 5649'-5709'. WOC 24 hrs.
- 10-23-64 Pressure tested casing and perfs to 5000# F/30 mins. tested O.K.
- 10-24-64 Drill and cleanout to top of liner 5798' and wash to 6365' top of frac sand.
- 10-25-64 Jet perf. Hlinebry @ following intervals 5773'-81'-86'-96', 5808'-22', 32', 36', 46', 50', 78', 83', 92', 94' w/28 - 1/2" holes.
- 10-26-64 Mud acid wash perfs. 5773'-5894' w/200 gals. Max. Pressure 3700#, Min. 2900#. SCF perfs. 5773'-5894' w/20,000 gal. refined oil and 20,000# sand, preceded by 1300 gals. spearhead acid, Max. Press. 5700#, Min. 4800# @ 12.7 EPM, Inst SIP 2200#, in 5 min. SIP 2200#.

END

- 11-14-64 (Drinkard Oil Zone 6464'-6587' temporarily abandoned w/Model FA packer @ 6410' w/45' frac sand to 6365'.).
- On potential test 24 hours ending 6:00 AM 11-14-64 flow Hlinebry perfs. 5773'-5894' 55 BHO Grty 36.8 and 5 BFW gm 24/64" choke, Tbg. Press. 75#, Csg. Press. 500#. OGR 3082:1.