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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)

HOBBBS OFFICE O.C.G.
JUL 29 10 49 AM '64

Name of Company **Sinclair Oil & Gas Company** Address **Box 1920, Hobbs, New Mexico, 88240**

Lease **Sarkay** Well No. **1** Unit Letter **J** Section **23** Township **21S** Range **37E**

Date Work Performed **6-8-64 - 7-28-64** Pool **Hlinebry** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

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

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

Squeezed Hlinebry perforations 5609'-5649' w/30 sacks. Max. Press. on Tubing 2200#. Gas. Press. rose to 3000# reversed out 70 sacks (Total 100 sacks). Ran 2" tubing and packer to 5600# pressure below packer bled back to 400# in 17 minutes. Resqueezed Hlinebry perforations 5609'-5649' w/75 sacks cement Class A preceded by 250 Gal. M. A. Max. Press. 4500# acid broke formation from 3500# to 1800# @ 3 RPM. Drilled retainer @ 5564' and hard cement to 5655' and washed to 5975'.

Ran 650' of 3-1/2" tubing F/liner (6000' to 6650') and cemented w/150 sacks.

Jet perforated Drinkard Zone 6492'-6606' and M. A. acid washed w/500 Gal. Max. Press. 2700#, Min. Press. 2200# @ 1 RPM. Sand Oil fraced w/20,000 Gal. refined oil and 20,000# sand. Max. Press. 6000#, Min. Press. 5200# @ 10.5 RPM.

Jet perforated Hlinebry Zone 5746'-5894' and Sand Oil fraced w/20,000 Gals. refined oil and 20,000# sand, preceded by 1500 Gal. spearhead acid using 61 ball sealers. Max. Press. 5000#, Min. Press. 3700# @ 12.1 RPM.

Witnessed by **Wyatt Sisson** Position **Foreman** Company **Sinclair Oil & Gas Company**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. **EL. 3396'** T D **6700'** P B T D **6000'** Producing Interval **5609'-5649'** Completion Date **5-5-69**

Tubing Diameter **2-3/8"** Tubing Depth **5600'** Oil String Diameter **3-1/2"** Oil String Depth **6000'**

Perforated Interval(s) **5609' to 5649'**

Open Hole Interval **None** Producing Formation(s) **Hlinebry Gas**

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 | Apr. 1964 | - | 400 | - | | |
| After Workover | 7-20-64 | Hlinebry 80 | 171 | - | 1460:1 | |
| | 7-23-64 | Drinkard 45 | 215 | - | 960:1 | |

OIL CONSERVATION COMMISSION

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

Approved by **[Signature]** Name **F. M. Singleton**

Title **District Engineer** Position **District Engineer**

Date **[Signature]** Company **Sinclair Oil & Gas Company**