

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Sinclair Oil & Gas Company - 520 East Broadway - Hobbs, New Mexico
(Address)

LEASE State Lea 401 WELL NO. 2 UNIT A S 21 T 183 R 35E

DATE WORK PERFORMED As Shown POOL South Vacuna Devonian

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off

☐ Beginning Drilling Operations

☒ Remedial Work

☐ Plugging

☐ Other

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

3-24-59 1174OPB Devonian - Pulled rods & 2-7/8" tbg.
3-25-59 1174OPB Devonian - Set CI cement retainer @ 11716'.
3-26-59 1174OPB Devonian - Ran tbg. to 11716'. 1st Stage Squeeze Dev. perf. f/11726-11740 w/100 sks. cement. Max. press. 500#. Cleared perf. w/8 bbls. water. 2nd Stage squeeze w/100 sks. plus 1/4# Flowseal. Max. press. 4500#. Reversed out 25 sks. Pulled tbg. to perforate.
3-27-59 1174OPB Devonian - Perf. Dev. f/11695 - 11706 w/4 Jet shots per ft. (44). Ran 2-7/8" OD tbg. to 11693' w/packer @ 11627'. Displaced water w/crude oil.
3-28-59 11716PB Devonian - Spotted 500 gal. mud acid on perf. f/11695-11706. Max. press. 5100#. Min. 4600#. Inj. rate 1/2 bbl. per min.
3-31-59 11716PB Devonian - Ran rods & pump to 8500'.
4-7-59 11716PB Devonian - Pulled rods & changed pump to lower.
4-8-59 11716PB Devonian - Ran rods & 1-1/4" pump to 9500'.
4-10-59 11716PB Devonian - On potential test pumped 72 bbls. new 43.6 Gvty oil in 24 hrs. GOR TSTM. No water. Production raised f/30 BOPD to 72 BOPD. Calendar day allow. 72 BOPD.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3920 TD 11765 PBD 11762 Prod. Int. Compl Date 6-3-58

Tbng. Dia 2-7/8" Tbng Depth 11737 Oil String Dia 7" Oil String Depth 11765

Perf Interval (s) 4969-4970; 11726-11756

Open Hole Interval Producing Formation (s) Devonian

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>3-1-59</u>	<u>4-10-59</u>
Oil Production, bbls. per day	<u>33</u>	<u>72</u>
Gas Production, Mcf per day	<u>0</u>	<u>0</u>
Water Production, bbls. per day	<u>632</u>	<u>0</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>87</u>	<u>TSTM</u>
Gas Well Potential, Mcf per day	<u> </u>	<u> </u>

Witnessed by L. E. Vandever

Sinclair Oil & Gas Company
(Company)

OIL CONSERVATION COMMISSION

Name John W. Runyan
Title
Date

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

Name Cliff Satter
Position Dist. Supt.
Company Sinclair Oil & Gas Company