

DUPLICATE

Form C-103
(Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY Hell Oil Company Fort Worth, Texas
(Address)

LEASE Hitten WELL NO. 1 UNIT S T 12 R 36
DATE WORK PERFORMED 1-18 to 2-22-56 POOL West (Corner-Jal)

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.

- Mixed 100 sx cement & squeezed open hole to 4300 psi w/ 100 sx cement in formation. Reversed out 20 sx cement.
- Perforated 5" casing w/4 shots/foot from 3516'-3526', 3531'-3538', 3544'-3550'. Swabbed dry.
- Treated perforations w/1000 gallons 15% HCl. Injected 1000 gallons acid @ 700 psi. Flushed tubing w/20 PG. Swabbed 100' water. Set Model X retainer @ 3510'.
- Mixed 100 sx cement & pumped into formation @ 1100 psi. Cleared perforations w/5 PG.
- Mixed 100 sx cement & pumped into formation @ 1900 psi. Cleared perforations w/5 PG.
- Mixed 100 sx cement & pumped into formation @ 3000 psi. Cleared perforations w/8 PG.
- Spotted 75 sx cement & pumped into formation @ 3300 psi. Cleared perforations w/5 PG.
- Mixed 50 sx Diesel oil cement. Preceded & followed w/5 barrels diesel oil.
- Mixed 75 sx cement & pumped into formation @ 3200 psi. Cleared perforations w/5 PG.
- Pumped 7 gallons of cement on top of plug.
- Perforated 5" casing w/4 shots/foot from 3476'-3482', 3486'-3494'. Swabbed dry.
- Loaded hole w/77 PG. Treated w/1000 gallons 7% HCl. Flushed tubing w/20 PG. Swabbed dry.
- Loaded hole w/oil. Spotted 2000 gallons 15% Type J acid. Treated thru casing perforations @ 1100 psi @ 3 b/m. Flushed w/21 PG. Load 129 barrels (1 PG @ 45 PG). Pumped back load @ 4000 psi.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3418' TD 3635' PBD -- Prod. Int. 10.5 hours in 8-3-39
Tbng. Dia 2" Tbng Depth 3633' Oil String Dia 4" Oil String Depth 3588'
Perf Interval (s) none
Open Hole Interval 3588'-3635' Producing Formation (s) Seven Rivers

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>1-1-56</u>	<u>2-5-56</u>
Oil Production, bbls. per day	<u>5</u>	<u>17.46</u>
Gas Production, Mcf per day	<u>---</u>	<u>1256</u>
Water Production, bbls. per day	<u>1200</u>	<u>1.18</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>---</u>	<u>73.619</u>
Gas Well Potential, Mcf per day	<u>---</u>	<u>---</u>

Witnessed by W. F. Beach, Production Foreman

Hell Oil Company

(Company)

OIL CONSERVATION COMMISSION

Name W. F. Beach
Title Production Foreman
Date 2-22-56

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

Name W. F. Beach Original signed by W. F. Beach
Position Production Foreman
Company Hell Oil Company

- averaged 2 PG.
- Loaded hole w/oil. Pumped 15 PG into formation @ 3500 psi. Treated via tubing w/10,000 gallons refined oil containing 1% sand/gallon. Overflushed w/55 PG. Total load 388 barrels.
- After recovering load in 24 hours flowed 17.46 PG @ 1.18 cu. ft. thru 2 1/2" choke. @ 250 psi. @ 400 psi. GOR 73.619.