

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY Shell Oil Company Box 1957 Hobbs, New Mexico
(Address)

LEASE Turner WELL NO. 11 UNIT "N" S-22 T-21-S R-37-E
DATE WORK PERFORMED Feb. 2 thru 16, 1956 POOL Hare

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off
☐ Beginning Drilling Operations ☐ Remedial Work
☐ Plugging ☒ Other Recompleted

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

Killed well with 100 barrels oil. Pulled 2" tubing and ran collar locator survey from 7575' to surface. Set cast iron bridge plug at 7480' and capped with one sack cement. 16' fill up. P B T D 7464'. Loaded hole with oil. Perforated 5-1/2" casing opposite the Connell sand from 7445' - 7453' with 4 jet shots per foot. Ran 2" tubing, loaded hole with oil, and washed perforations with 500 gallons 7 1/2% MCA. Treated with 1000 gallons 7 1/2% MCA. Formation broke at 1950 psi to 1600 psi. Flushed with 33 barrels oil. Pressure increased to 2650 psi at end of flush. Average injection rate 1.5 bbl./min. One minute SITP = 0 psi. In 8 hours swabbed 29 barrels load oil plus 1% acid water. FL = 7300'. After shut in 16 hours FL = 5500'. TP = 330 psi. Pulled 2" tubing and packer and loaded hole with oil. Pumped 30 barrels into formation at 19 bbl./min with 3200 psi. Treated via casing with 20,000 gallons refined oil w/ 1 1/2% 20-40 mesh sand per gallon. Overflushed with 180 barrels oil. Maximum pressure 4950 psi, final pressure 4400 psi, and average rate of flush 9 bbl./min. Overall injection rate 11.2 bbl./min. Five minute shut in 2100 psi. Ten minute shut in 0 psi. Total hole load 1055 barrels in 34 hrs. swabbed 245 barrels fluid, out .1% BS. After shut in 12 hrs. TP-340 psi CP-545 psi FL 5900'. In 2 hrs. swabbed 16.62 barrels fluid and well kicked off. In 20 hours flowed 220

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY (SEE BOTTOM OF PAGE)

Original Well Data:

DF Elev. 3420' TD 7783' PBD _____ Prod. Int. 342 BOPD Compl Date August 1, 1950
Tbng. Dia 2" Tbng Depth 7772' Oil String Dia 5-1/2" Oil String Depth 7559'
Perf Interval (s) _____
Open Hole Interval 7559' - 7783' Producing Formation (s) Ellenburger

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>Shut-in</u>	<u>2-16-56</u>
Oil Production, bbls. per day		<u>151</u>
Gas Production, Mcf per day		<u>219,705</u>
Water Production, bbls. per day		<u>No water</u>
Gas-Oil Ratio, cu. ft. per bbl.		<u>1455</u>
Gas Well Potential, Mcf per day		
Witnessed by <u>H. B. Leach</u>	Production Foreman <u>Shell Oil Company</u>	(Company)

OIL CONSERVATION COMMISSION

Name D. C. Meyers
Title _____
Date _____

I hereby certify that the information given above is true and complete to the best of my knowledge.
Original signed by
Name D. C. Meyers D. C. Meyers
Position Division Mechanical Engineer
Company Shell Oil Company

barrels fluid, out 0.3% BS thru 1" choke. FTP = 100-75 psi CP = 475 psi.