

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106) 9 57

COMPANY Tidewater Oil Company Box 547 Hobbs, New Mexico
(Address)

LEASE J. H. Day WELL NO. 2 UNIT D S 6 T 22 R 36

DATE WORK PERFORMED 1-28 to 2-19-58 POOL Jalnet

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

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

Pulled 2" tubing & ran 6-1/4" bit, 5 D.C.'s and 2-1/2" tubing to bottom of 7" casing. Drilled to T.D. of 3960'. Ran Frontier's GR/N & Isotron log. Hung 5" liner in 7" csg. at 3708'. Top of packer at 3700'. Bottom of liner at 3959'. Cemented 5" liner w/ 50 sks. Reg. Incor w/ 1/4" floccs/sk. Reversed out 25 sks. above liner. Ran strip log & perforated 5" liner w/ 1/4 jets/ft. from 3945 to 3958'. Set 2" tubing at 3952' w/ packer at 3791'. Displaced mud in tubing w/ water. Left mud behind packer. Swabbed tubing dry w/ no show of oil or gas. Acidized w/ 1000 gal. NE acid. Max. press. 1800#, average press. 1600#, min. press. 1450#. Bled back to O# in 11 mins. Rate 1 EPM. Swabbed 3-1/2 hrs. to pit & switched to tank. Swabbed 2 BO & 3.53 Bbls. acid water in 3 hrs. Rate of 15.92 BOPD. Fluid level 250' from bottom. 1 1/4 hr. SITP 400#. Opened well on 1" ck., press. bled to O# in 20 mins. Swabbed 5.52 BF in 2 runs, no shake out. Treated w/ 2500 gal. 15% NE acid 62# AIG-5 fluid loss additive. Max. press. 2500#, average press. 2400#, dropped to zero in 7 mins. Rate 3.4 B/M. Swabbed to pit for 2 hrs. & 45 mins., and then switched to tanks. Swabbed 4-1/2 hrs. at average rate of 1.28 BOPM (continued on back)

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____
Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____
Perf Interval (s) _____
Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>Gas well</u>	<u>2-25-58</u>
Oil Production, bbls. per day		<u>41.25</u>
Gas Production, Mcf per day		<u>37</u>
Water Production, bbls. per day	<u>0</u>	<u>10</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>--</u>	<u>897</u>
Gas Well Potential, Mcf per day		
Witnessed by _____		

(Company)

OIL CONSERVATION COMMISSION

Name _____
Title _____
Date _____

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

Name [Signature]
Position Asst. Supt.
Company Tidewater Oil Company

and 2.08 BWPH. Rate of 30.72 BOPD. 400' of fluid in hole, pulling swab every 30 mins. Shut in 1 1/4 hrs. T.P. 250#. Flowed 25 mins. & died. Swabbed 9-5/8" BF in 2-1/2 hrs. w/ run each 30 mins. & 600' fluid in bottom of tubing. 10% water. Acidized w/ 500 gal. NE acid, 2500 gal. High Vis. acid, 500 gal. NE acid & 2500 gal. High Vis. acid. Total of 6000 gal. Max. press. 3500#, min. press. 3000#, rate 6.2 BPM overflushed w/ 9 bbls. SIP 2100#, 10 min. SIP 350#, SI 1/4 hrs. Swabbed 4-1/2 hrs. lowering fluid to 2700'. Recovered 100 bbl.s of 168 bbl. load. Started getting firm gas w/ 16% oil last run. 13 hrs. SITP 50#, fluid at 2100'. Swabbed 10 hrs. & recovered 110 BF w/ water decreasing from 70% to 40% on last run. Fair gas blow. Shut in 1 1/4 hrs. T.P. 100#. Bled off. Pumped 65 BO down tubing could not load formation. Mixed 230 gal. from-gel & could pump into formation at 1600#. Pulled packer loose, but could not circulate. Pumped HOWCO tubing plug to pin collar. Perf. 2" tubing above packer & displaced mud in csg. w/ oil. Pulled tubing & packer & ran tubing w/ seating nipple & set 2" tubing at 3951' & seating nipple at 3919'. Installed pump, rods & portable pumping unit. Recovered load oil & potentialled 41.25 BOPD, 20% BS&W w/ 37 MCFGPD.