

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY Pan American Petroleum Corporation Box 457 Farmington, New Mexico
(Address)

LEASE Jaquez Gas Unit "C" WELL NO. 1 UNIT 0 S 6 T 29-N R 9-W

DATE WORK PERFORMED 1/24/58 POOL Blanco-Mesaverte

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

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

Workover rig was moved on Jaquez Gas Unit "C" Well No. 1, and tubing was pulled. Hole was then cleaned out with gas to total depth. A 4" liner was then set from 4268-4594' with Burns plain liner hanger and cemented with 40 sacks 4% gal cement. Ran 4-2/4" bit and drilled 4' cement on top of hanger. Ran 3-1/8" bit and found plug at 4428'. Drilled cement plug to 4562'. Tested 5-1/2" casing to 2500 pounds for thirty minutes which held with no drop in pressure. Perforated with 5 shots per foot 4350-58, 4366-86, 4400-10, 4420-70. Spotted 400 gallons 15% mud acid over perforations. Sand-water fracked with 80,000 gallons water and 80,000 pounds sand. Formation broke at 1900 pounds. Average injection rate 62 BPM. Injected 490 perf ball sealers during middle of treatment. Ran Halliburton hookwall packer and tested Point Lockout thru tubing 530 MCFPD and tested Cliffhouse zone thru casing 816 MCFPD. Pulled packer and went back with bit to condition hole for re-fracs of Point Lockout. Ran 3" tubing with packer set at 4548'. Sand-water fracked thru 3" tubing with 35,000 gallons water and 55,000 pounds sand. Starting treating pressure 2800 pounds, ending treating pressure 3625 pounds, average injection rate 24 1/2 BPM. (See reverse side.)

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 5592 TD 5592 PBD --- Prod. Int. 3670-4592 Compl Date 5/22/55

Tbng. Dia 2-3/8" Tbng Depth 4560 Oil String Dia 5-1/2" Oil String Depth 4341

Perf Interval (s) 3760-3820, 3835-3880

Open Hole Interval 4341-4592 Producing Formation (s) Mesaverte

RESULTS OF WORKOVER:

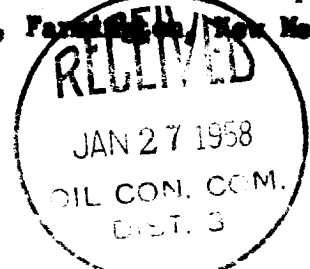
	BEFORE	AFTER
Date of Test	<u>4/15/57</u>	<u>1/22/58</u>
Oil Production, bbls. per day	<u>2.29</u>	<u>---</u>
Gas Production, Mcf per day	<u>204</u>	<u>---</u>
Water Production, bbls. per day	<u>1/4</u>	<u>---</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>---</u>	<u>---</u>
Gas Well Potential, Mcf per day	<u>204</u>	<u>2025 (Pitot)</u>
Witnessed by <u>A. W. Rothe</u>	<u>Pan American Petroleum Corporation</u> (Company)	

OIL CONSERVATION COMMISSION

Name Original Signed Emery C. Arnold
Title Supervisor Dist. # 3
Date JAN 27 1958

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

Name D. J. SCOTT
Position Field Clerk
Company Pan American Petroleum Corporation
Box 457, Farmington, New Mexico



Set Baker 3.25" magnesium bridge plug at 4330'. Ran HRC tool set at 4216 to test top of liner. Pressure up to 2700 pounds and broke back to 700 pounds while pumping 8 GPM. Re-set tool at 4256'. Pressure up to 2800 pounds and could pump small volume, but would bleed back to zero immediately when stopped pumping. Re-ran HRC tool set at 4195'. Tested top of liner with 3500 pounds and pressure leaked off slowly. Closed tool and tested tubing above packer with same results. Top of liner indicated ok. Pulled tool and ran bit and drilled bridge plug. Two inch tubing landed at 4440'.

Preliminary test 2025 MGFPD, Pitot Tube Measurement.

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