

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 487 Farmington, New Mexico
(Address)

LEASE Jacques Gas Unit "A" WELL NO. 1 UNIT G S 5 T 29N R 9W

DATE WORK PERFORMED January 10, 1958 POOL Blanco-Mesaverde

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 Jacques Gas Unit "A" Well No. 1, and tubing was pulled. Hole was then cleaned out with gas to top of old fish at 3983'. Set cement retainer at 3774' and squeezed below with 250 sacks of cement. Drilled cement plug to 3852'. Set whipstock at 3852' and drilled whipstock hole to 4600'. A 5", 15 pound casing liner was set with Burns lead seal hanger 4597-3753 with 100 sacks 6% gel cement. Attempted to set lead seal on hanger, but failed. Reversed out 35 sacks of cement. Ran 6-1/4" bit to top of liner and tested top of liner but failed to 750 pounds. Set HRC tool at 3700' and squeezed 100 sacks of cement. Tested pipe to 2500 pounds (special test) for thirty minutes, which held ok. Perforated with two shots per foot 4426-50, 4458-76, 4490-4516, 4524-42. Attempted to frac but could not breakdown. Spotted 500 gallons MEA across perforations. Formation broke at 2500 pounds. Sand-water fracked with 50,000 gallons water, and 70,000 pounds sand. Average injection rate 66 BPM. Ran gauge ring and set bridge plug at 4010'. Tested with 2000 pounds which held ok. Perforated with two shots per foot 3864-90, 3904-20, 3938-78. Sand-water fracked with 40,000 gallons water and 40,000 pounds sand. Formation broke at 1700 pounds. Average injection rate 48 BPM. Cleaned out to 4565. Two inch tubing landed at 4529'. Preliminary test 6574, MEPTD Pitot Tube Measurement.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 5644 TD 4700 PBD 4677 Prod. Int. 3824-4677 Compl Date 6/17/51

Tbng. Dia 2" Tbng Depth 4585 Oil String Dia 7" Oil String Depth 3824

Perf Interval (3) 4568-4535

Open Hole Interval 3824-4677 Producing Formation (s) Mesaverde

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>6/8/57</u>	<u>1/7/58</u>
Oil Production, bbls. per day	<u>0</u>	<u> </u>
Gas Production, Mcf per day	<u>86</u>	<u> </u>
Water Production, bbls. per day	<u>1/10</u>	<u> </u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>—</u>	<u> </u>
Gas Well Potential, Mcf per day	<u>98</u>	<u>6574 (Pitot)</u>
Witnessed by <u>A. W. Rothe</u>	Pan American Petroleum Corporation (Company)	

OIL CONSERVATION COMMISSION

Name Original Signed Emery C. Arnold
Title Supervisor Dist. # 3
Date JAN 18 1958

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

ORIGINAL SIGNED BY
Name L. O. Speer, Jr.
Position Field Superintendent
Company Pan American Petroleum Corporation



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