

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 Farlington, New Mexico
(Address)

LEASE Likins Gas Unit "A" WELL NO. 1 UNIT M S 34 T 30N R 9W
DATE WORK PERFORMED 10/24/57 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 Likins Gas Unit "A", Well No. 1, and tubing was pulled. Hole was then cleaned out with gas to total depth of 4768'. Then 895' of 5-1/2" liner was set at 4767' and hung with Barnes Plain Type Hanger at 3873' with 200 sacks of cement. HRC tool set at 3827'. Perforated with two shots per foot 4596-4710, 4716-4730. These perforations were then sand-water fracked with 53,900 gallons water and 70,000 pounds sand. Formation broke at 2800 pounds pressure. Average injection rate 76 barrels per minute. Bridge plug set at 4180'. Tested with 1250 PSI, and held ok. Perforated with two shots per foot 4037-4104, 4126-52, attempted to frac but could not breakdown at 2800 PSI. Added 1000 gallons mud acid and formation broke at 2800 pounds. Sand-water fracked with 38,100 gallons water and 40,000 pounds sand. Average injection rate 39 barrels per minute. Drilled bridge plug to 4750. Preliminary test 9/26/57, 7790 MCFPD Pitot tube measurement.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 5714 TD 4767 PBD — Prod. Int. 3996-4767 Compl Date 3/11/52
Tbng. Dia 2-3/8" Tbng Depth 4636' Oil String Dia 7" Oil String Depth 3988
Perf Interval (s) none
Open Hole Interval 4636-4767 Producing Formation (s) Mesaverde

RESULTS OF WORKOVER:

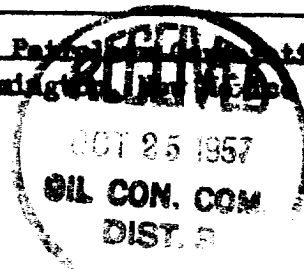
	BEFORE	AFTER
Date of Test	<u>7/23/57</u>	<u>9/26/57</u>
Oil Production, bbls. per day	<u>4</u>	<u>—</u>
Gas Production, Mcf per day	<u>870</u>	<u>7790 Pitot</u>
Water Production, bbls. per day	<u>1/2</u>	<u>—</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>—</u>	<u>—</u>
Gas Well Potential, Mcf per day	<u>870</u>	<u>—</u>
Witnessed by <u>D. O. Robinson</u>	<u>Pan American Petroleum Corporation</u> (Company)	

OIL CONSERVATION COMMISSION

Name Original Signed Emery C. Arnold
Title Supervisor Dist. # 3
Date OCT 23 1957

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 487, Farlington, New Mexico



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