

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY El Paso Natural Gas Company, Box 997, Farmington, New Mexico
(Address)

LEASE Huerfano WELL NO. 109(GD) UNIT I S 2 T 26N R 10W

DATE WORK PERFORMED 7-31-59 POOL Wildcat Dakota & Angel Peak Gallup
8-2-59 & 8-3-59 Ext.

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off

☐ Beginning Drilling Operations ☐ Remedial Work

☐ Plugging ☒ Other Water & Oil Fracture

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

7-31-59 Total depth 7025'. C.O.T.D. 6936'. Water fractured Dakota through perf. int. 6848-58 (2 SPF), 6863-67 (4 SPF), 6877-87 (2 SPF), 6891-96 (4 SPF), 6917-22 (4 SPF) w/77,280 gallons water and 50,000# sand. BD pr. 3000#, max. pr. 3000#, avg. tr. pr. 2200-2300-2400#. I.R. 76 BPM. Flush 14,280 gallons. All water contained 1% Calcium Chloride. Used 300 gal. BDA ahead of fracturing treatment. Mixed 50 gal. foaming agent (Dowell's G-2) with fracturing water and flush. Injected 4 sets 20 balls each.

8-2-59 Total depth 6936'. Temporary bridge plug at 6300'. Oil fractured Lower Gallup through perf. int. 6080-87; 6093-6107; 6117-25; 6172-84; 6191-99 (2 SPF) w/48,300 gallons oil and 40,000# sand. BD pr. 2100#, max. pr. 2700#, avg. tr. pr. 1900-1850-1950-2200#. I.R. 80 BPM. Flush 12,348 gallons oil. Used 300 gal. BDA ahead of fracturing treatment. Injected 5 sets balls 15 balls/set.

8-3-59 Total Depth 7025'. Temporary bridge plug at 6060'. Water fractured Upper Gallup through Perf. int. 5905-14 (2 SPF) 5920-25 (4 SPF), 5945-57 (2 SPF), 6015-27 (2 SPF) w/27,720 gallons oil and 30,000# sand. BD pr. 2950#, max. pr. 2950#, avg. tr. pr. 2100-2300-2400-2700#. I.R. 75 BPM. Flush 11,970 gallons oil. I.R. 75 BPM. Used 300 gal. BDA ahead of frac. Injected 3 sets 20 balls each.

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	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		

(Company)

OIL CONSERVATION COMMISSION

Name Original Signed Emery C. Arnold

Title Supervisor Dist. # 3

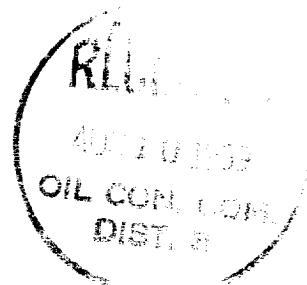
Date AUG 10 1959

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

Name ORIGINAL SIGNED B.H. MEANS

Position Petroleum Engineer

Company El Paso Natural Gas Company



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