

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 San Juan 28-4 WELL NO. 14-29 UNIT H S 29 T 28N R 4W

DATE WORK PERFORMED 12-20-57 POOL _____

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

☐ Beginning Drilling Operations

☐ Remedial Work

☐ Plugging

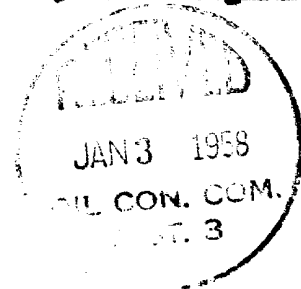
☐ Other _____

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

Total depth 4508'.

Ran 138 joints 7 5/8", 26.40#, J-55 casing (4487'), set at 4497' with 100 sacks regular cement, 100 sacks Pozmix, 50 Floccs & 4 1/2 Gal, followed with 50 sacks regular cement. Held 1000# 30 minutes.

Top of cement by temperature survey at 4302'.



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 JAN 8 1958

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

Name Original Signed D. C. Johnston

Position Petroleum Engineer

Company El Paso Natural Gas Company

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EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE January 27, 1958

Operator El Paso Natural Gas Company		Lease San Juan 28-4 Unit No. 14-29	
Location 1850'N, 800'E, Sec. 29-28-4		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco Mesa Verde	
Casing: Diameter 7-5/8	Set At: Feet 4487	Tubing: Diameter 2"	Set At: Feet 6692
Pay Zone: From 6600	To 6690	Total Depth: c/o 6708 - 6740	
Stimulation Method Sand Water Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches 0.75		Choke Constant: C 12.365		5-1/2" liner 4461 - 6739	
Shut-In Pressure, Casing, PSIG 1123	12 = PSIA 1135	Days Shut-In 19	Shut-In Pressure, Tubing PSIG 1101	12 = PSIA 1113	
Flowing Pressure: P PSIG 254	12 = PSIA 266		Working Pressure: P _w PSIG 668	12 = PSIA 680	
Temperature: T °F 55	n .75		Fpv (From Tables) 1.030	Gravity .684	

CHOKE VOLUME $Q = C \times P_c \times F_c \times F_g \times F_{pv}$

$$Q = 12.365 \times 266 \times 1.0048 \times .9393 \times 1.030 = 3197 \text{ MCF/D}$$

$$\text{OPEN FLOW } A_{of} = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$A_{of} = \left(\frac{1,288,225}{825,825} \right)^{.75} \times 3197 = 1.3960 \times 3197$$

$$A_{of} = 4463 \text{ MCF/D}$$

TESTED BY Richard ProctorWITNESSED BY Clarence Wagner (Pacific Northwest)

L. D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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