

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool ilbert Formation San Juan County San Juan
Initial X Annual Special Date of Test 7/13/56
Company Gulf Oil Corporation Lease Ancho Natural Well No. 6
Unit Sec. 7 Twp. Rge. 24N5 Purchaser
Casing 4 1/2" Wt. 9.5 I.D. 4.000 Set at Perf. 350 To 2400
Tubing 2 3/8" Wt. 4.7 I.D. 2.000 Set at Perf. 2500 To
Gas Pay: From To L xG -GL Bar.Press.
Producing Thru: Casing Tubing Type Well single-gas
Date of Completion: 7/13/56 Packer Reservoir Temp.

OBSERVED DATA

Tested Through XXXXXX (Prover) XXXXXX (Choke) XXXXXX (Meter) Type Taps

No.	Flow Data			Tubing Data		Casing Data		Duration of Flow
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	
SI		3/4"	255			255		7 Day Contin.
1.								3 Hr. Flow.
2.								
3.								
4.								
5.								

FLOW CALCULATIONS

No.	Coefficient (24-Hour) 14.1405	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.							
2.							
3.							
4.							
5.							

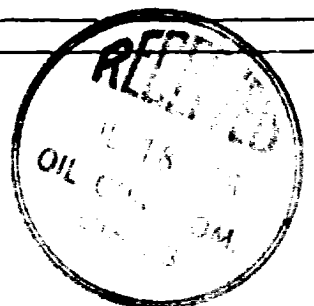
PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio cf/bbl.
Gravity of Liquid Hydrocarbons deg.
F_c (1-e^{-s})
Specific Gravity Separator Gas
Specific Gravity Flowing Fluid
P_c P_c

No.	P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-s})	P _w ²	P _c ² -P _w ²	Cal. P _w	P _w P _c
1.						281.6	253.1		
2.									
3.									
4.									
5.									

Absolute Potential Production Comparison MCFPD; n
COMPANY 1041 Zuni Drive Farmington, New Mexico
ADDRESS Owner
AGENT and TITLE
WITNESSED
COMPANY

REMARKS



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