

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco Formation Mosavardo County San Juan
Initial X Annual _____ Special _____ Date of Test June 5, 1956
Company Pecos Petroleum Corp. Lease Sugar Federal Well No. 2-X
Unit X Sec. 12 Twp. 34N Rge. 11W Purchaser El Paso Natural Gas Co.
Casing 5 1/2 Wt. 15.5 I.D. 4.950 Set at 5732 Perf. 5338 To 5550
Tubing 2 3/8 Wt. 4.7 I.D. 1.985 Set at 5567 Perf. 5407 To 5465
Gas Pay: From 5538 To 5550 L 5407 xG .60 -GL 344 Bar.Press. 12.0
Producing Thru: Casing _____ Tubing X Type Well Single - Gas
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 5-13-56 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) (Choke) (25/32)

Type Taps _____

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI						1060		1057		
1.										
2.	2	3/4	347		60°	347	60°	446		3 hours
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wPf}}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	12.3650		359	1.000	1.000	1.030	1472
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

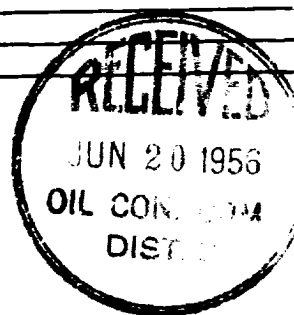
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 1060 P_c² 1122.8

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.	1054					702.2	140.5		.784
2.									
3.									
4.									
5.									

Absolute Potential: 5983 MCFPD; n .75COMPANY Pecos Petroleum Corp.ADDRESS 107 West 2nd St., Artes, New MexicoAGENT and TITLE M. L. Seelinger, Reg. Prod. Engt.WITNESSED Don J. JaramonCOMPANY Pecos Petroleum Corp.

REMARKS



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