

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool ~~West Antelope~~ Pictured Cliffs Formation Pictured Cliffs County San Juan

Initial X Annual _____ Special _____ Date of Test 5-1-56

Company Stamand Oil and Gas Company Lease Calleguas Canyon Unit Well No. 75

Unit G Sec. 19 Twp. 29 Rge. 12 Purchaser El Paso Natural Gas Company

Casing 5-1/2" Wt. 146 I.D. 5.012 Set at 1444 Perf. 1375 To 1300

Tubing 1-1/4" Wt. 4.75 I.D. 1" Set at 1300 Perf. _____ To _____

Gas Pay: From 1375 To 1300 L 1375 xG 0.65 est. GL 894 Bar.Press. 12

Producing Thru: Casing X Tubing _____ Type Well Single - Gas

Date of Completion: 5-1-56 Packer _____ Single-Bradenhead-G. G. or G.O. Dual Reservoir Temp. _____

OBSERVED DATA

Tested Through (Pressure) (Choke) (Meter) 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.	
SI								
1.		<u>3/4</u>	<u>235</u>		<u>60</u>	<u>497</u>	<u>497</u>	<u>1 Hr.</u>
2.							<u>490</u>	
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.	<u>12.340</u>		<u>237</u>	<u>1.000</u>	<u>0.9400</u>	<u>1.001</u>	<u>3270</u>
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 0.65 est

P_c 500 P_c² 250.00

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.						<u>79.52</u>	<u>179.56</u>		<u>0.900</u>
2.									<u>0.156</u>
3.									
4.									
5.									

Absolute Potential _____ MCFPD; n 0.85

COMPANY STAMAND OIL AND GAS COMPANY

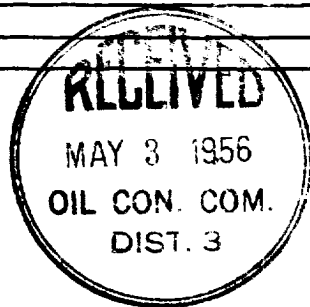
ADDRESS Box 407, Farmington, New Mexico

AGENT and TITLE R. M. Bauer, Field Engineer

WITNESSED _____

COMPANY _____

REMARKS



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