

MULTI-POINT BACK PRESSURE TEST OF GAS WELLS

Pool Ute Dome-Dakota Formation Dakota County San JuanInitial X Annual _____ Special _____ Date of Test 5-23-57Company Pan American Petroleum Corp. Lease Ute Indians Well No. 6Unit 8 Sec. 2 Twp. 31N Rge. 14E Purchaser Not ConnectedCasing 7" Wt. 24 I.D. 6.366 Set at 2311 Open Hole 2311 To 2326Tubing 1-1/4 Wt. _____ I.D. 1.4 Set at 2287 Perf. 2287 To 2287Gas Pay: From 2311 To 2326 L 2311 xG .69 Bar.Press. _____Producing Thru: Casing X Tubing _____ Single - GasDate of Completion: 6-15-57 Packer _____ Reservoir Temp. _____

of Repair

GL = 6095

*After ~~recovery~~ (well previously temporarily abandoned)

OBSERVED DATA

Tested Through (Screens) (Choke) (Screens) Type Taps _____

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Screens) (Screens) Size	(Choke) (Orifice) Size	Press. psig	Diff. ΔP_w	Temp. $^{\circ}F.$	Press. psig	Temp. $^{\circ}F.$	Press. psig	Temp. $^{\circ}F.$	
SI	SI 30 days					N.A.	N.A.	625	65	
1.		3/4	55			N.A.	N.A.	55	65	3 hrs.
2.										
3.										
4.										
5.										

N.A. = not available

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F_t	Compress. Factor F_{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	12.365		67	1.000	0.9325	773
2.						
3.						
4.						
5.						

Gas Liquid Ratio (GLR) _____

Gravity of Liquid Hydrocarbons _____

F_c _____ (1-e^{-F_c})

Separator Gas _____

Gravity Flowing Fluid _____

637 $^{\circ}F$ 105.769

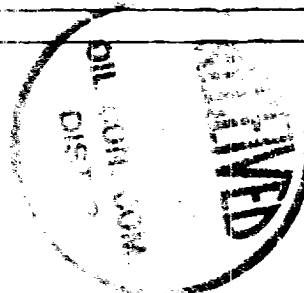
No.	P_w P_w (psia)	P_c P_c (psia)	$P_w - P_c$ $P_w - P_c$ (psia)	Cal. P_w	P_w P_c
1.	67		169	105.300	67
2.					
3.					
4.					
5.					

Absolute Potential: 773 MCFPD; n 0.75COMPANY PAN AMERICAN PETROLEUM CORPORATIONADDRESS Box 467, Farmington, New MexicoAGENT and TITLE E. H. Damer, Field Engineer

WITNESSED _____

COMPANY _____

REMARKS



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