ENERGY AND MINERALS DEPARTMENT — SANTA FE, NEW MEXICO 87501 — Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

RECEIVED
FEB 21 1985
OIL CON. DIV.
DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 2-6-85	
Company: Curtis J. Little		Connection: El Paso			Unit
Pool: South Blanco		Formation: Pictured Cliffs			
Completion Date: 1-23-85	Total Depth: 3387		Plug Back TD: 3345	Elevation: 6379 KB	Farm or Lease Name: Salazar
Csg. Size: 4½" / Wt.: 10.5 / d: 4.052 / Set At: 3387			Perforations: From 2342 To 2444		Well No.: 9
Tbg. Size: 2 3/8" / Wt.: 4.7 / d: 1.995 / Set At: 3258			Perforations: From To		Unit: H / Sec.: 22 / Twp.: 25 / Rge.: 6
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Gas/Gas Dual			Packer Set At: 2459		County: Rio Arriba
Producing Thru: Casing	Reservoir Temp. °F: 8	Mean Annual Temp. °F:	Baro. Press. – P_a: 12 psia		State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.650						

	FLOW DATA					TUBING DATA		CASING DATA		
NO.	Prover Line Size	X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	7 days							691		
1.	2 inch	3/4	57					57	50°	3 hours
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		69	1.0098	.9608	1.008	834
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 703 P_c^2 494209

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		76	5850	488359
2				
3		Calculated		
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.01198$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0102$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 842$

Absolute Open Flow 842 Mcfd @ 15.025 — Angle of Slope θ _____ — Slope, n .85

Remarks: Dry gas throughout test.

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Joe Elledge	Joe Elledge	Curtis J. Little