ENERGY AND MINERALS DEPARTMENT / P.O. BOX 2088 SANTA FE, NEW MEXICO 87501

Revised 10-1-78

RECEIVED
SEP 14 1988
OIL CON. DIV.
DIST.

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 8-30-88	
Company: TENNECO OIL CO.			Connection:		
Pool: BLANCO			Formation: MESA VERDE		Unit:
Completion Date: 8-05-88	Total Depth: 5805		Plug Back TD: 5755	Elevation:	Farm or Lease Name: DAY
Csg. Size: 4½ Wt.: d: Set At: 3421			Perforations: From 4734 To 5540		Well No.: A LS 3-R
Tbg. Size: 2 3/8 Wt.: d: Set At: 5400			Perforations: From To		Unit: B Sec.: 8 Twp.: 29N Rge.: 8W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple:			Packer Set At:		County: SAN JUAN
Producing Thru: TUBING	Reservoir Temp. °F:		Mean Annual Temp. °F:	Baro. Press. – P_a:	State: NEW MEXICO
L: H: Gg: .675	% CO_2:	% N_2:	% H_2S:	Prover:	Meter Run: Taps:

NO.	FLOW DATA: Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI					555		555		S.I.
1.	2 x 6 x .750				164		535	58°	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	11		176	1.002	1.217	1.025	2.420
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_t	Z
1.	.2631	518	1.3455	.962
2.				
3.				
4.				
5.				

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

P_c 557 P_c^2 321,489

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		535	286,225	35,264
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 9.1166$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 5.2466$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 12,697$

Absolute Open Flow 12,697 Mcfd @ 15.025 | Angle of Slope @ _____ | Slope, n .75

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
	CRAIG MARCUM	CRAIG MARCUM	