STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P O BOX 2088
SANTA FE, NEW MEXICO 87501

Revised 10-1-78
12/12/88

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 12-4-88	
Company: Robert L. Bayless		Connection: Robert L. Bayless			Unit
Pool: East Blanco Pictured Cliffs		Formation: Pictured Cliffs			
Completion Date: 11/25/88	Total Depth: 4200'	Plug Back TD: 4147'	Elevation: 7209' RKB		Farm or Lease Name: Jicarilla 464
Csg. Size: 4 1/2 / Wt.: 10.5# / d: 4.052" / Set At: 4187'		Perforations: From 3778' To 4043'			Well No.: 8
Tbg. Size: 2 3/8 / Wt.: 4.7# / d: 1.995" / Set At: 4023'		Perforations: From To			Unit: K / Sec.: 29 / Twp.: 30N / Rge.: 3W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: single		Packer Set At: none			County: Rio Arriba
Producing Thru: tubing	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. – P_a: 12.0 (est.)		State: New Mexico
L	H	Gg: .65 (est)	% CO_2	% N_2	% H_2S / Prover / Meter Run / Taps

FLOW DATA

NO.	Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI	9 days				465		520		
1.	2 inch x .750				150	60°	447		3 hrs.
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	12.365		162	1.000	1.240	1.016	2524
2.							
3.							
4.							
5.							

NO.	P_r	Temp. °R	T_r	Z
1	.242		1.39	.969
2.				
3.				
4.				
5.				

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

RECEIVED
DEC 13 1988
OIL CON. DIV.
DIST. 3

P_c 532 P_c^2 283,024

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		459	210,681	72,343
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.9123$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3.1883$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 8046$

Absolute Open Flow 8046 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
OIL CON. DIV.	David Ball	Kevin McCord	