

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122
Revised 2-1-65

RECEIVED

AUG 6 1981

Type Test ☒ Initial ☐ Annual ☐ Special		7-23-81 AUG 11 1981	
Company David Fasken		Connection El Paso Natural Gas	
Pool West-Burton Flat <i>Morru</i>		Formation Morrow	
Completion Date 7-15-81		Total Depth 11250	Plug Back TL 11028
Csg. Size 4 1/2		Well ID 11.60	Perforations: From 10806 to 10810
Tbg. Size 2 3/8		Well ID 4.70	Perforations: From 10888 to 10892
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single		Packer Set At 10258	County Eddy
Producing Thru Tubing		Reservoir Temp. °F 178 @ 10749	Mean Annual Temp. °F 70
L 10849		H 10849	Gg 0.612
FLOW DATA		TUBING DATA	
NO.	Prover Line Size	Orifice Size	Press. p.s.i.g.
SI	56 3/4 hours		
1.	2" X 6/64"		1740
2.	2" X 7/64"		1341
3.	2" X 10/64"		850
4.	2" X 12/64"		550
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m
1	0.1418		1753.2
2	0.1969		1354.2
3	0.4173		863.2
4	0.6101		563.2
5			
NO.	P_t	Temp. °R	T_g
1	2.61	558	1.53
2	2.02	559	1.53
3	1.29	555	1.52
4	0.84	555	1.52
5			
Gas Liquid Hydrocarbon Ratio N_1 Mcf/bbl.			
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
Specific Gravity Separator Gas 0.612			
Specific Gravity Flowing Fluid XXXXX			
Critical Pressure 671 P.S.I.A.			
Critical Temperature 365 °R			
$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.168354$ $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.152640$			
$Q = \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 543.124$			
Absolute Open Flow 543.124 Mcf @ 15.025			
Angle of Slope 47.60°			
Slope, n 0.912972			
Remarks: BHP MEASURED WITH AMERADA RPG-3 GAUGE NO. 44534, 0-4000 RANGE			
Approved by Commission:		Conducted By: TEFTELLER, INC.	
Calculated By: D.A. WARREN, JR.		Checked By:	