

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

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 7-8-85	
Company El Paso Natural Gas		Connection	
Foot Blanco		Formation Mesa Verde	
Completion Date 7-8-85	Total Depth 5750	Plug Back TD 5728	Elevation 6479 GR
Farm or Lease Name Day		Well No. #2A	
Csg. Size 7.000	wt. 20	Set At 6.456	3404
Perforations: From *4767 To 5699		Well No.	
Teg. Size 2.375	wt. 4.7	Set At 1.995	5688
Perforations: From To		Unit D 9 29 8	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual		Packer Set At 3222	County San Juan
Producing Thru TBG	Reservoir Temp. °F a	Mean Annual Temp. °F	Baro. Press. - P _a 12
State New Mexico		Prover	
L	H	G _g .690	% CO ₂ % N ₂ % H ₂ S
Meter Run		Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
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
1.			.750	124		64	306	124			16 Days
2.											3 Hrs.
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mscf
1	12.365		136	.9962	.9325	1.014	1584
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2					Specific Gravity Separator Gas	X X X X X X X X
3					Specific Gravity Flowing Fluid	X X X X X
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R

SEP 30 1985

OIL CON. DIV

DIST. 3

P _r 318	P _w 101124	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{101124}{27683}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.6423$
NO. 1	P _r 271	P _w 73441	P _c ² - P _w ² 27683
2			
3			
4			
5			

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4185$

Absolute Open Flow	4185	Mscf @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks: *4.500" Liner 3247'-5728'. Produced mist of oil throughout test. Gas vented during test = 196 MCF.

Approved by Commission:	Conducted By: Joe Golding	Calculated By: Ed Mabe	Checked By: kld
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