

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

Form C-122
 Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☒ Special					Test Date 9-27-83		OCT 21 1983		
Company Amoco Production Company				Connection El Paso Natural Gas Company				OIL CON. DIV. DIST. 3	
Pool Basin				Formation Dakota				Unit	
Completion Date 9-4-83		Total Depth 6626'		Plug Back TD 6583'		Elevation 6221GL		Farm or Lease Name C.A. McAdams "D"	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6626	Perforations: From 6404 To 6546		Well No. 2E			
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 6521	Perforations: From Open To Ended		Unit J	Sec. 20	Twp. 27	Rye. 10
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan		
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		Baro. Press. - P _g		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	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.	
Sl	8 Days						1100		1215	
1.	2.375		.750				100		472	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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		112	1.000	.9258	1.012	1298
2.							
3.							
4.							
5.							

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

P _c 1227	P _c ² 1505529	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1843$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1352$
NO	P _w	P _w ²	P _c ² - P _w ²
1	484	234256	1271273
2			
3			
4			
5			

Absolute Open Flow _____ 1474 _____ Mcfd @ 15.025		Angle of Slope @ _____	Slope, n _____ 75 _____
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Remarks: Drilled and cased by True Drilling Co. Flowed med. H₂O and lite oil.

Approved by Commission	Conducted By J.J. Barnett	Calculated By J.J. Barnett	Checked By
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