

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 12-5-84	
Company Amoco Production Company				Connection Northwest Pipeline		
Pool Basin				Formation Dakota		Unit
Completion Date 10-17-84		Total Depth 7450		Plug Back TD 7430		Elevation 6749 GR
Farm or Lease Name Jicarilla Contract 146						Well No. 13R
Csq. Size 4.500	Wt. 11.6	d 4.000	Set At 7450	Perforations: From 7308 To 7370		Unit J
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 7363	Perforations: From open To ended		Sec. 9 Twp. 25 Rge. 5
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		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.	
SI	40 days						2310		2440	
1.	2.375	.750					152		612	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		164	1.000	.9258	1.019	1913
2							
3							
4							
5							

NO.	P _t	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. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 2452 P _c ² 6012304					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0692$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0515$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	 DEC 19 1984 OIL CON. DIV. .75 DIST. 13	
1		624	389376	5622928		
2						
3						
4						
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2012$						

Absolute Open Flow 2012 Mcfd @ 15.025		Angle of Slope @ _____	
Remarks: flared 3 hrs., med. H ₂ O, lite oil			
Approved By Commission:	Conducted By: J. Barnett	Calculated By: J. Barnett	Checked By: