

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						
Company Hixon Development Co.					Connection						
Pool WAW-Fruitland-PC					Formation Pictured Cliffs						
Completion Date			Total Depth 1300'		Plug Back TD 1261'		Elevation 6107'		Farm or Lease Name NTB State		
Csg. Size 2-7/8"	Wt. 6.5	d	Set At	Perforations: From 1113'-17' To 1098'-1108'				Well No. 1			
Thq. Size	Wt.	d	Set At	Perforations: From To				Unit Sec. Twp. Rge. C 32 26N 12W			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At					County San Juan	
Producing Thru Casing		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		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.	Temp. °F	
SI	7 days								220		
1.	2 x 3/4								3.5		3 hours
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	41.14		3.5	1.00	1.00		144
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. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _r ²	P _w ²	R _w ²	P _c ² - R _w ²
1		15.5	240	53584
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.004$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 145$

(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.003$

Absolute Open Flow <u>145</u> Mcfd @ 15.025		Angle of Slope ϕ <u>0.85</u>
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RECEIVED
 MAR 26 1979
 OIL CON. COM.
 DIST. 3

Remarks:	Approved By Commission:	Conducted By:	Calculated By:	Checked By:
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