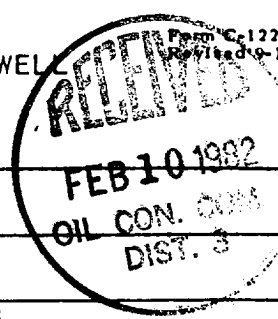


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

Form No. 122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 2/5/82			
Company Hixon Development Company				Connection					
Pool Bisti Farmington				Formation Farmington Sand				Unit	
Completion Date 1/29/82		Total Depth 1200'		Plug Back TD 690'		Elevation 6092'		Farm or Lease Name Chaco Wash Com.	
Csg. Size 2-7/8"	Wt. 6.5#	d 2.441	Set At 1196'	Perforations: From 607' To 645'		Well No. 2			
Thq. Size 1-1/4"	Wt. 2.3#	d 1.380	Set At 623'	Perforations: From Open Ended To		Unit Sec. Twp. Rge. I 32 26N 12W			
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single						Packer Set At 558'		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F 78° @ 645'		Mean Annual Temp. °F		Baro. Press. - P _a 12.2		State New Mexico	
L .623	H 607	G _g .600	% CO ₂	% N ₂	% H ₂ S	Prover XX	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 day shut in						248				SI 7 days
1.	2" x 1/4"			58		60°F	58	60°	0		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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	1.087		70.2	1.000	1.2910	1.0193	100
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	.10	520	.10	.987	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

NO.	P _c	P _w	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	260.2	67704	4928	1.0785	1.0663
2					
3					
4					
5					

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 107$			
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Absolute Open Flow	104	Mcf/d @ 15.025	Angle of Slope θ	Slope, n .85
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Remarks:			
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Approved By Commission:	Conducted By: LDB, ALK	Calculated By: MRH	Checked By:
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