

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

Form C-122
 Revised 9-1-65

SE
 F
 C-122 File

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 8-6-80	
Company PERRY R. BASS		Connection NATURAL GAS PIPELINE COLORADO	
Pool WILDCAT		Formation BONE SPRING	
Completion Date FEB. 15, 1979		Unit BIG EDDY UNIT	
Total Depth 12,208'		Farm or Lease Name BIG EDDY UNIT	
Plug Back To TOC INSIDE 5 1/2" @ 6747'	Elevation 3746.3' 6L 3222.3 KB	Well No. 60	
Plug Size 5 1/2"	Wt. 15.5	Set At 6827'	Perforations: From 6425' To 6497'
Thg. Size 2 3/8	Wt. 4.7	Set At 6368'	Perforations: From - To -
Type Well - Single - Bradenhead - G.C. or G.O. Multiple SINGLE		Packer Set At 6336'	County EDDY
Producing Thru TUBING	Reservoir Temp. °F 115 @ 6450'	Mean Annual Temp. °F	State NEW MEXICO
L -	H -	Gg 0.8	% CO ₂ # 11.1
			% N ₂ # 1.5
			% H ₂ S # 0.39
		Provor	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											
1.							1050	60	0	-	24 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, F _{pv}	Rate of Flow Q, Mcfd
1							809 *
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					7.034 *	
2					A.P.I. Gravity of Liquid Hydrocarbons 29.6	
3					Specific Gravity Separator Gas 0.8	XXXXXXXXXX
4					Specific Gravity Flowing Fluid XXXXX	
5					Critical Pressure - P.S.I.A.	- P.S.I.A.
					Critical Temperature - R	- R

NO.	P _r ²	P _w ²	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$
1						
2						
3						
4						
5						

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope @ _____		Slope, n _____	
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Remarks: *** ONE POINT TEST APPROVED VERBALLY BY W.A. GRESSETT - A DAILY PRODUCTION TEST REFLECTING GAS SALES AFTER REMOVAL OF CO₂, N₂, AND H₂S BY A DEASWEETENING UNIT; ACTUAL DAILY TEST 115 BO PLUS 809 MCF WITH 18 BW.**

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