

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 11-19-80	
Company Jake L. Hamon		To Air	
Pool Osudo North		Morrow	
Completion Date 11-13-80		12260	
12109		11862-82-11984-12020	
Log. Size 4 1/2	WT. 23#	6.356"	11202
WT. 17#	4.892"	10916-12260	11862-82-11984-12020
Log. Size 2 3/8	WT. 4.7	1.995	10,908
Type Well - Single - (Underhead - G.C. or G.C. Multiple)		Packer Set At 10885	
Producing Thru Tubing		Bore Pressure 13.2	
H		60	
.6227		.360	
1.142		-0-	
4"		Flange	

FLOW DATA							TUBING DATA		CASING DATA		Direction of Flow
NO.	Prover Line Size	X	Orifice Size	Press. psia	Diff. in. H ₂ O	Temp. °F	Press. psia	Temp. °F	Press. psia	Temp. °F	
1.	4"	X	1.000"	430	21	73	3884	60	pk.		72 hrs
2.	4"	X	1.000"	430	22	69	2650	50			1 hr
3.	4"	X	1.000"	430	21	63	2035	60			1 hr
4.	4"	X	1.000"	430	31	60	1540	62			1 hr
5.							760				1 hr

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor FL	Gravity Factor Fg	Super. Comp. Factor F _{sp}	Rate of Flow Q, Mcf/D
1	4.753	26.47	443.2	.9277	1.213	1.159	636
2	4.753	98.74	443.2	.9915	1.213	1.159	653.7
3	4.753	96.47	443.2	.9971	1.213	1.159	613
4	4.753	117.21	443.2	1.0000	1.213	1.159	782.5

NO.	P _r	Temp. °R	z	z'	Gas-Liquid Hydrocarbon Ratio	API Gravity of Liquid Hydrocarbon	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1	.66051	533	1.47	.927	56.6	53.6	0.60	XXXXXX	671	362
2	.6605	529	1.46	.927						
3	.6605	423	1.44	.924						
4	.6605	423	1.44	.924						
5										

NO.	P _r	P _w	P _w	P _w	P _w	P _w	P _w
1			6592	8596			
2			4234	10,954			
3			2446.8	12,742			
4			628.75	14,560			
5							

Absolute Open Flow 845.41		Angle of Slope 63.5		Slope, n.s. 500	
Remarks: Angle of 63.5° was used through low rate.					

Approved By Jerry Sexton Dist. L. Supr.	Produced By W. S.	Checked By M. K.	Checked By M. K.
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