

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
PRESSURE TEST FOR GAS WELL

Form No. 1
1-55

X		8-25-78	
TAHOE OIL & CATTLE CO.		E. P. N. G. Co.	
LANGLIE MATTIX		QUEEN	
3,450'		3,414'	
3135 GR.		M. E. HALE	
4 1/2" 9.5# 4.090" 3,450'		3095' To 3255'	
2 3/8" 4.7# 1.995" 3,062'		OPEN ENDED	
H 2 25S 37E		County	
SINGLE		NONE	
TUBING 105 3,062' 60		13.2	
NEW MEXICO		LEA	
3062 3062 .738 4.56 .70 .06		4" FLANGE	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
No.	Prover Size	Critical Size	Press. (psia)	Temp. (°F)	Press. (psia)	Temp. (°F)	Press. (psia)	Temp. (°F)		
1	4" x 1.500"	10	2.6	88	157		150		24 HRS.	
2	4" x 1.500"	10	15.6	93	154		150		30 MIN	
3	4" x 1.500"	10	36.0	93	148		148		45 MIN	
4	4" x 1.500"	11	68.9	99	142		146		30 MIN	
5	4" x 1.500"	11			131		140		30 MIN	

FACTORS FOR FLOW CALCULATIONS							
No.	Flow Rate (bbl/hr)	Pressure (psia)	Temperature (°F)	Gravity Factor (P _g)	Supercompressibility Factor (F _{sp})	Fluid Viscosity (cP)	Fluid Density (lb/cu ft)
1	10.84	7.77	23.2	.9741	1.164	NIL	96
2	10.84	19.02	23.2	.9597	1.164	NIL	233
3	10.84	28.90	23.2	.9597	1.164	NIL	354
4	10.84	40.83	24.2	.9545	1.164	NIL	497

ADDITIONAL DATA							
No.	Flow Rate (bbl/hr)	Pressure (psia)	Temperature (°F)	Gravity Factor (P _g)	Supercompressibility Factor (F _{sp})	Fluid Viscosity (cP)	Fluid Density (lb/cu ft)
1	.03	548	1.39	NIL			
2	.02	553	1.40	NIL			
3	.03	553	1.40	NIL			
4	.04	559	1.42	NIL			

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1	170.2	29.0					
2	163.2	26.6	2.4				
3	161.2	26.0	3.0				
4	159.2	25.3	3.7				
5	153.2	23.5	5.5				

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