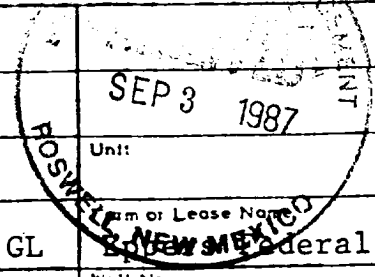


MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

RECEIVED  
C/SF  
FILE



Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 7-22-87	
Company MCKAY OIL CORPORATION		Connection Air NOV 08 '88	
Pool West Pecos Slope ABO		Formation Abo O. C. D.	
Completion Date 7-22-87	Total Depth 3400'	Perforations 3333'	Elevation 4312 GL
Coq. Size 4-1/2"	Wt. 11.6#	Set At 4.000	3396'
Thg. Size 2-3/8"	Wt. 4.7#	Set At 1.995	2777'
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At -----	
Producing Thru Tubing 2984.25	Reservoir Temp. °F 90	Mean Annual Temp. °F 60	Baro. Press. - P <sub>g</sub> 13.2
% CO <sub>2</sub> 0.607	% N <sub>2</sub> 5.409	% H <sub>2</sub> S 0.00	Prover 2.00
Meters Run --		Taps --	

NO.	Prover Line Size	X	FLOW DATA			TUBING DATA		CASING DATA		Duration of Flow
			Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							746	750		SI 72 HR
1.	2.000	.125	162	--	89	721	89	724	89	60 MI
2.	2.000	.250	67	--	92	690	92	694	92	60 MI
3.	2.000	.250	154	--	91	607	91	610	91	60 MI
4.	2.000	.375	103	--	87	440	87	442	87	60 MI
5.										

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor F <sub>g</sub>	Super Compress. Factor. F <sub>pv</sub>	Rate of Flow
							O. Mcfd
1	0.2648	--	175.2	.9732	1.284	1.010	59
2	1.0870	--	80.2	.9706	1.284	1.004	109
3	1.0870	--	167.2	.9437	1.284	1.009	222
4	2.3780	--	116.2	.9506	1.284	1.007	340
5							

NO.	P <sub>1</sub>	Temp. °R	T <sub>r</sub>	Z	Gas Liquid Hydrocarbon Ratio		Rate of Flow
					P <sub>m</sub>	Ft.	
1	0.26	549	1.64	.981	0	0	59
2	0.12	552	1.65	.992	0	0	109
3	0.25	551	1.65	.982	0.607	XXXXXXX	222
4	0.18	547	1.64	.987	662	XXXXX	340
5					344		

NO.	P <sub>c</sub> 763.2 P <sub>c</sub> <sup>2</sup> 582.5		P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	AOF = 0
	P <sub>c</sub>	P <sub>w</sub>				
1	737.2	543.5			39.0	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 7.069$ $(2) \left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4.716$ $AOF = 0 \left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 514$
2	707.2	500.1			82.4	
3	623.2	388.4			194.1	
4	455.2	207.2			375.3	
5						

Absolute Open Flow	514	Mcf @ 15.025	Angle of Slope @	51.59	Slope, n	0.793
Remarks: No water produced during test.						

Approved By Division	Conducted By: D. Kelton	Calculated By: C. Sanders	Checked By: P. Stewart
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