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appropriate district office.
See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources

Form C-122
Revised October, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator: E.O.G. Resources, Inc.						Lease or Unit Name: Jackson 10 St. Com					
Type Test: ☐ Initial ☐ Annual ☐ Special						Test Date: 2-10-00		Well No.: 3			
Completion Date: 12-3-99		Total Depth: 13,850		Plug Back TD: 13,546		Elevation: 3000		Unit Ltr. - Sec. - TWP - Rge. 10 24 33			
Csg. Size: N/A	Wt. N/A	D N/A	Set At N/A	Perforations: From: To:				County: Lea, NM			
Thg. Size: 2 7/8"	Wt. 6.5#	D 2.441"	Set At 13,610'	Perforations: From: 12,293' To: 13,350'				Pool			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: Single						Packer Set At: None		Formation: Wolfcamp			
Producing Thru Tbg.		Reservoir Temp. °F:		Mean Annual Temp. °F: 60		Baro. Press - P _a : 13.2		Connection: Sales			
L: 12,293'	H: 12,293'	Gg: .680	%CO ₂ : 175	%N ₂ : 1.265	%H ₂ S:	Prover:		Meter Run 4.026	Taps: Fig.		

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
51							1600	N/A	N/A	N/A	
1.	4"	x	1.250	330.4	N/A	39	1510	N/A	N/A	N/A	1 Hr.
2.	4"	x	1.250	332.2	N/A	38	1405	N/A	N/A	N/A	1 Hr.
3.	4"	x	1.250	338.9	N/A	38	1215	N/A	N/A	N/A	1 Hr.
4.	4"	x	1.250	343.6	N/A	46	1015	N/A	N/A	N/A	1 Hr.
5.											

RATE OF FLOW CALCULATIONS							
No.	COEFFICIENT (24 HOUR)	$\sqrt{h_a P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	Gas by Total Flow	N/A	N/A	N/A	N/A	N/A	521
2.	Gas by Total Flow	N/A	N/A	N/A	N/A	N/A	922
3.	Gas by Total Flow	N/A	N/A	N/A	N/A	N/A	1,473
4.	Gas by Total Flow	N/A	N/A	N/A	N/A	N/A	1,924
5.							

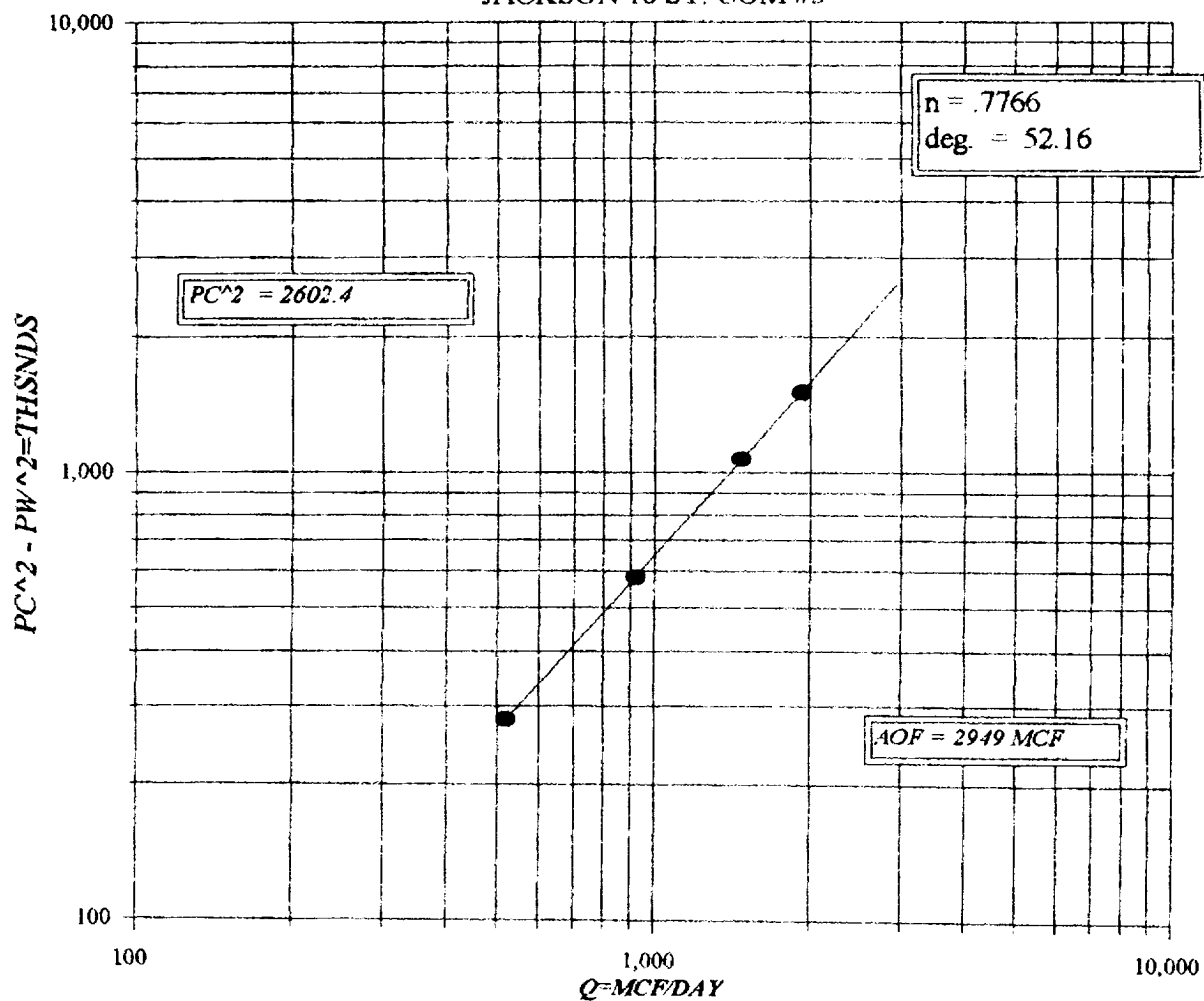
No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	N/A	N/A	N/A	N/A	A. P. I. Gravity of Liquid Hydrocarbons 49.2 @ 60 _____ Deg.
2.	N/A	N/A	N/A	N/A	Specific Gravity Separator Gas .680 XXXXXXXXXX
3.	N/A	N/A	N/A	N/A	Specific Gravity Flowing Fluid XXXXXX Gmix = 846
4.	N/A	N/A	N/A	N/A	Critical Pressure 668 _____ P.S.I.A. 663 _____ P.S.I.A.
5.					Critical Temperature 384 _____ R 435 _____ R

P _c 1613.2		P _{c2} 2602.4			
No.	P _r ²	P _w	P _w ²	P _c ² - P _w ²	(1) P _{r2} = 1.734 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.533$
1.	N/A	1,524.2	2,323.1	279.4	$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2,950$
2.	N/A	1,421.4	2,020.5	581.9	
3.	N/A	1,238.1	1,532.9	1,069.5	
4.	N/A	1,049.7	1,101.9	1,500.5	
5.					

Absolute Open Flow		2,950 Mcfd @ 15.025	Angle of Slope θ: 52.16	Slope, n: .7766
Remarks: Total Fluid 11.2 BBLS 49.2 API GR				

Approved By Division	Conducted By: Production Testing Services, Inc. 505-391-8703	Calculated By: Bob Murray, Independent Consultant 505-395-2349	Checked By: Bob Murray, Independent Consultant 505-395-2349
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E.O.G. RESOURCES
JACKSON 10 ST. COM #3



Production Testing Services, Inc.
Hobbs, New Mexico
505-391-8703

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Absolute Open Flow Field Data Sheet