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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

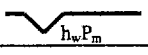
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED
OCD ARTESIA

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator Ricks Exploration, Inc.					Lease or Unit Name Dinah 23 Fed Com				
Type Test ☐ Initial ☐ Annual ☒ Special					Test Date 8/3/01		Well No. 1		
Completion Date 6/28/01		Total Depth 10560'		Plug Back TD 8100'		Elevation 3590'		Unit Ltr. - Sec. - TWP - Rge. 23 17S 28E	
Csg. Size 5 1/2"	Wt. 15.5/17	d	Set At 10560'	Perforations: From: 10163' To: 10338' (OA)				County Eddy	
Thg. Size 2-3/8"	Wt. 4.7#	d	Set At 10094'	Perforations: From: To:				Pool So. Empire-Morrow Gas	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At 10083'		Formation Morrow		
Producing Thru tbq		Reservoir Temp. °F 156@10150		Mean Annual Temp. °F 60		Baro. Press - P ₁ 13.2		Connection Elkhorn	
L 10095	H 10095	Gg 0.684	%CO ₂ 0.962	%N ₂ 0.687	%H ₂ S N/A	Prover N/A	Meter Run 3.068	Taps FLG	

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							1100	N/A	PKR	N/A	24 hr
1.		3.068 x	.625	27	6.7	88	27				24 hr
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
No.	COEFFICIENT (24 HOUR)		Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.							28
2.							
3.	Total		Flow	Meter			
4.							
5.							

No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A. P. 1. Gravity of Liquid Hydrocarbons	Deg.
2.	Total	Flow			Specific Gravity Separator Gas 0.684	XXXXXXXXXX
3.					Specific Gravity Flowing Fluid N/A	XXXXXX
4.					Critical Pressure 672	P.S.I.A. P.S.I.A.
5.					Critical Temperature 381	R. R

No.	P _c 1113.2	P _c ² 1239.2	P _w	P _w ²	P _c ² - P _w ²
1.	1.6		40.6	1.6	1237.6
2.					
3.					
4.					
5.					

(1) $P_{c2} = 1.001$

$\frac{P_c^2 - P_w^2}{P_c^2 - P_w^2}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.001$

Absolute Open Flow 0.028 Mcfd@ 15.025		Angle of Slope θ: 45	Slope, n: 1
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Remarks: **No liquid made during test**

Approved By Division	Conducted By: ProWell Testing	Calculated By: Merv Buecker	Checked By: BM
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