

Submit in duplicate to
appropriate district office.
See Rule 401 & Rule 112

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-122
Revised October, 1999

CONFIDENTIAL

CLSP

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator DEVON ENERGY				Lease or Unit Name EDDY FV ST.COM			
Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 1/13/01		Well No. 5	
Completion Date		Total Depth 11450		Plug Back TD 11326		Elevation	
Csg Size 5 1/2	Wt. 17	d 4.892	Set At	Perforations: From: 9947 To: 9965		Unit Ltr - Sec - TWP - Rge 25 20S 27E	
Tbg Size 2 3/8	Wt. 4.7	d 1.995	Set At 9753	Perforations: From: To:		County EDDY	
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 9753		Pool W. Aurlon Flat Strawn	
Producing Thru TUBING		Reservoir Temp. °F 171.5		Mean Annual Temp. °F 60		Baro. Press. - P _a 13.2	
Connection SALES							
L 9793	H 9793	Gg 0.722	%CO ₂ 0.575	%N ₂ 0.725	%H ₂ S N/A	Prover N/A	Meter Run 4.026
Taps FLG							
FLOW DATA				TUBING DATA			
No	Prover Line Size	Orifice x Size	Press p.s.i.g.	Diff. h _w	Temp. °F	Press p.s.i.g.	Temp. °F
1	4.026 X 1.750	240	2	79	2519	N/A	PKR
2	4.026 X 1.750	270	6.5	76	2301		
3	4.026 X 1.750	270	16	69	2170		
4	4.026 X 1.750	270	45	61	1995		
5							
RATE OF FLOW CALCULATIONS							
No.	COEFFICIENT (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress Factor F _{pv}	Rate of Flow Q, Mcfd
1							416
2	GAS	VOLUMES	FROM	TOTAL	FLOW	METER	794
3							1246
4							2089
5							
No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio 63.125 Mcf bbl.		
1					A.P. I. Gravity of Liquid Hydrocarbons 54.2 Deg.		
2	TOTAL	FLOW	METER		Specific Gravity Separator Gas .722 / G.MIX = .768 xxxxxxxx		
3					Specific Gravity Flowing Fluid xxxxxx		
4					Critical Pressure 671 P.S.I.A. 670 P.S.I.A.		
5					Critical Temperature 394 R. 407 R		
P _c	2532.2	P _{c2}	6412				
No.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{2.842}{2.738}$		
1		2452.2	6013.5	398.6			
2		2318.1	5373.7	1038.3			
3		2193.3	4810.6	1601.4			
4		2038.6	4156	2256			
5							
Absolute Open Flow 5719				Mcf/d @ 15.025	Angle of Slope (°): 46.04	Slope n: 0.9641	
Remarks: *WELL MADE 3 BBLs OF 54.2 API GRAVITY CONDENSATE DURING TEST.							
Approved By Division:		Conducted By: PRO WELL TESTING		Calculated By: MERV BUECKER		Checked By: BM	

DEVON ENERGY
EDDY FV STATE # 5

