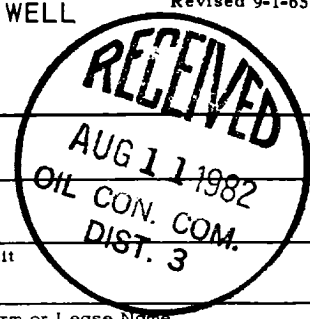


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 8-9-82	
Company El Paso Exploration Company				Connection Northwest Pipeline Company		
Pool Basin			Formation Dakota		Unit	
Completion Date 8-2-82		Total Depth 8080		Plug Back TD		Elevation 7020 GL
Farm or Lease Name Jicarilla 152W						
Csg. Size 4.50	Wt. 10.5	d 4.052	Set At 8080	Perforations: From 7800 To 7983		Well No. #3E
Tbg. Size 2.375	Wt. 4.70	d 1.995	Set At 7973	Perforations: From To		Unit Sec. Twp. Rge. A 7 26 5
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County Rio Arriba
Producing Thru		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _g 12.0
State New Mexico						
L	H	G _g .696	% CO ₂	% N ₂	% H ₂ S	Prover 2.50
Meter Run 4"		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							1562		2367		7 Days
1.	4" X 2.50			43	28.1	60	162		581		3 Hours
2.											
3.											
4.											
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	32.64	39.30	55	1.000	1.199	1.000	1538
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _g	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons 46.3 _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 2379	P _c ² 5,659,641	
NO.	P _t ²	P _w
1	593	351,649
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0662$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0493$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1614$$

$$AOF = Q$$

Absolute Open Flow 1614 _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .75
---	-------------------------------	--------------

Remarks: Liquid - 5.76 Bbls. Oil, 8 Bbls Water: Gravity - 46.3 API
Gas Vented - 319 MCF: GOR = 55,400 CF/Bbl

Approved By Commission:	Conducted By: L. Schmitz	Calculated By: Bill Clark	Checked By:
-------------------------	-----------------------------	------------------------------	-------------