N MEXICO OIL CONSERVATION COMM ON

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

C15F file

RECEIVED
MAR 08 '88
O. C. D.
ARTESIA, OFFICE

Type Test: [XX] Initial [ ] Annual [ ] Special				Test Date: 1/5/88	
Company: McClellan Oil Corp. ✓		Connection: Pipe			
Pool: Pecos Slope Abo		Formation: Abo		Unit	
Completion Date: 5/3/87	Total Depth: 4260'	Plug Back TD: 4140'	Elevation: 3769'	Farm or Lease Name: MOC Fed.	
Csg. Size: 4½" / Wt.: 9.5 / d: / Set At: 4140'		Perforations: From 3684' To 3895'		Well No.: 10	
Tbg. Size: 2-3/8" / Wt.: 4.7 / d: / Set At: 3686'		Perforations: From To		Unit: D / Sec.: 28 / Twp.: 5S / Rge.: 25E	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: NA		County: Chaves	
Producing Thru: tubing	Reservoir Temp. °F: 95 @ 4260'	Mean Annual Temp. °F: 60	Baro. Press. – P_a:	State: NM	

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.653	.09	7	0		2"	Ft

	FLOW DATA					TUBING DATA		CASING DATA		
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	Duration of Flow
SI	2.067	1.375	1000							
1.	"	"	186	4.0	44	660		665		1 hour
2.	"	"	216	8.0	44	646		653		1 hour
3.	"	"	188	21.0	44	630		640		1 hour
4.	"	"	197	40.0	44	609		627		1 hour
5.										

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2X1	13.65	88.77	186	1.0157	.9571	.9903	370
3X2	"	62.8	216	"	"	"	562
4X3	"	41.6	188	"	"	"	850
5X4	"	27.2	197	"	"	"	1197

NO.	P_t	Temp. °R	T_t	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c _____ P_c^2 _____

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1				
2				
3				
4				
5				

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

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 1200

Absolute Open Flow 1200 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n _____

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Enron		