MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Revised 9-1-65

RECEIVED
AUG 15 1972
U. S. GEOLOGICAL SURVEY

Type Test: ☒ Initial ☐ Annual ☐ Special			Test Date: 8/2/72		
Company: W. M. GALLAWAY	Connection			Unit	
Pool: FULCHER KUTZ	Formation: PICTURED CLIFFS				
Completion Date: 6/3/72	Total Depth: 1685		Plug Back TD: 1646	Elevation: 5474	Farm or Lease Name: DELO
Csg. Size: 4-1/2" / Wt. / d / Set At: 1671			Perforations: From 1544 To 1573		Well No.: 4
Tbg. Size: 1" / Wt. / d / Set At: 1577			Perforations: From Open End To		Unit: N Sec.: 10 Twp.: 28N Rge.: 11W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: SINGLE			Packer Set At		County: SAN JUAN
Producing Thru: CASING	Reservoir Temp. °F: @	Mean Annual Temp. °F	Baro. Press. – P_a: 12		State: NEW MEXICO
L: 1534	H	Gg: 0.620	% CO_2	% N_2	% H_2S

Prover | Meter Run | Taps

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"	3/4"				168		219		7 DAYS
1.						-0-		140	60°	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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		152	1.0000	0.9837	1.013	1873
2.							
3.							
4.							
5.							

NO.	P_r	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

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

RECEIVED
AUG 16 1972
OIL CON. COM.
DIST. 3

P_c 231 P_c^2 53,361

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1				53,361
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0000$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0000$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1873$

Absolute Open Flow 1873 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n 0.85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Kenneth E. Roddy	Kenneth E. Roddy	Kenneth E. Roddy