

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 4-12-67	
Company Tenneco Oil Co.				Connection			
Pool				Formation Dakota		Unit	
Completion Date		Total Depth 2827		Plug Back TD		Elevation 6976	
Farm or Lease Name Hospah							
Csg. Size 7	Wt.	d	Set At 2872	Perforations: From 2498 To 2750		Well No. 10	
Tbg. Size 2.375	Wt.	d	Set At 2448	Perforations: From To		Unit Sec. Twp. Rge. C 12 17 9	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual Gas & Oil				Packer Set At 2448		County McKinley	
Producing Thru Tbg		Reservoir Temp. °F 92 @ 2624		Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
State New Mexico							
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run Taps

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
1.	2 x 3/4						895	20	60	Pkr.	
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		32	1.000	.9608		383
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
					Specific Gravity Separator Gas	X X X X X X X X
					Specific Gravity Flowing Fluid	X X X X X
					Critical Pressure	P.S.I.A.
					Critical Temperature	R

P _c 907	P _c ² 822649	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0030$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0022$
NO.	P _t ²	P _w	P _w ²
1	1024	49	2437
2			
3			
4			
5			

Absolute Open Flow 384 Mcfd @ 15.025		Angle of Slope θ	Slope, n .75
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Remarks:

Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By:
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Company TENNECO OIL COMPANY Lease HOSPAH Well No. 10
 Field HOSPAH County McKINLEY State NEW MEXICO
 Formation DAKOTA Test Date APRIL 19, 1967

Status of Well Shut in 24 hrs		
DEPTH	PRESSURE	GRADIENT
Feet	Psig	Psi/Ft.
0	892	
1000	921	0.029
2000	953	0.032
2524	971	0.034
2624	975	0.040

Datum Pressure Psig



Elev. 6976	Datum	Ft.
Total Depth 2827	Perf. 2498-2750	Ft.
Tubing 2 3/8	in. to 2448	Ft.
Casing 7	in. to 2827	Ft.
Casing Press. Pkr.	Tubing Press. 892	
Oil Level none	Water Level none	
Temperature 92	°F @ 2624	Ft.
Element No. 15065	Range 0-2100	
Last Test Date		
Pressure Last Test Date		Psig
B.H.P. Change	Psi	

PRESSURE POUNDS PER SQUARE INCH GAUGE

