

NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool Basin Dakota		Formation Dakota		County San Juan	
Initial I		Annual		Date of Test 2-5-65	
Company DAN AMERICAN PETROLEUM CORPORATION		Lease State Gas Unit "20"		Well No. 1	
Unit N	Sec. 16	Twp. 31N	Range 12W	Purchaser El Paso Natural Gas Company	
Casing 2-1/4	Wt. 26.4 10.3	I.D. 4.032	Set at 4811 7361	Perf. 7074-90	To 7134-66/7161-67
Tubing 2-3/8	Wt. 4.7	I.D. 1.993	Set at 7079	Perf. 7043	To 7040
Gas Pay:	From 7074	To 7167	L 7131	G .700	GL 4092 Bar. Press. 12
Producing Through:		Casing	Tubing I	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 1-20-65		Packer None		Reservoir Temp.	

OBSERVED DATA

Tested Through: Prover ☐ Choke ☒ Meter ☐						Type of Taps				
FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW HR.	
No.	(Prover) (Line) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.		
1.	2 inch	.720	441		1983	441	50° est.	1133	50° est.	
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF PD @ 15,025 psia
1.	12.3430		453	1.000	.9210	1.037	
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____
 Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____
 F_c _____ (1-e^{-S}) _____ P_c _____ P_c² _____

No.	$\frac{P_w}{P_t}$ psia	P_t^2	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	$\frac{P_w^2}{P_c^2}$	$\frac{P_c^2 - P_w^2}{P_w^2}$	Gal P _w	$\frac{P_w}{P_c}$
1.						1,311,023	2,606,973		
2.									
3.									
4.									
5.									

7363

.75

ABSOLUTE POTENTIAL: _____ MCFPD; n _____

COMPANY **DAN AMERICAN PETROLEUM CORPORATION**

ADDRESS **Box 400, Farmington, New Mexico**

By: **F. L. Hubers, District Engineer** COMPANY _____

AGENT AND TITLE **ORIGINAL SIGNED BY**
F. W. Foell

