

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		Date 1/15/81	
Company Consolidated Oil & Gas		Connection Gas Co. of New Mexico	
Well Basin WC.		Formation Gallup	
Completion Date 1/8/81		Total Depth 6939'	Perforations 6208'
Casing Size 5.5		Set At 6938	Elevation 5975'
Well No. 1-E		Form or Lease Name Payne	
Perforations From 6012' To 6117'		Unit Sec. Twp. Rge. P 35 31N 13W	
Type Well - Single - Protobend - G.G. or G.O. Multiple G.G. Dual		County San Juan	
Producing thru TBG		State New Mexico	
Reservoir Temp. °F @ 164°		Mean Annual Temp. °F 12	
Gg 0.670		Prover Meyer Hun	
FLOW DATA		CASING DATA	
NO.	Prover Line Size	Press. p.s.i.g.	Temp. °F
1.	Choke 0.750	40	64
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	Pressure P _m	Flow Temp. Factor Ft.
1	12.365	52	0.9962
2			
3			
4			
5			
NO.	P _r	Temp. °R	T _r
1			
2			
3			
4			
5			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.L. Gravity of Liquid Hydrocarbon _____ Deg. Specific Gravity Separator Gas _____ True Gas Gravity Liquid Field _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ °F			
(1) $\frac{P_c^2}{P_r^2 - P_w^2} = 1.1176$ (2) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 1.0869$			
(3) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 662$			
Absolute Open Flow 662		Slope, n 0.75	
Remarks:			
Approved By Commission:		Conducted By: Wilson Service Co.	
		Calculated By: Wilson Service Co.	
		Checked By:	

TEMPERATURE ☆

Wilson Service Co.

☆ SURVEYS ☆ ☆

P. O. BOX 1619 • FARMINGTON, NEW MEXICO 87401 • PHONE: (505) 327-2575

Pressure Survey

COMPANY... Consolidated Oil & Gas
 FIELD... ~~Basin Dakota~~ *Gallagher*
 COUNTY... San Juan
 SEUT-IN... 1/15/81
 ZERO POINT.....
 TBG. DEPTH... 6064'
 PACKER SET... 6208'
 FLUID LEVEL.....

LEASE... Payne
 LOCATION... Unit P. Sec 35 Twp 31N Rge 13W
 STATE... New Mexico
 ELEVATION... 5975'
 TBG. PRESSURE... 950
 CASING SET... 6938'
 CASING PERF. 6012' - 6117'

WELL... 1-E
 DATE... 1/15/81
 DATUM.....
 CASING PRESSURE... 940
 P.B.T.D. ... 6208'
 MAX. TEMP. ... 64°

GL zone

DEPTH

Lube
 1000
 3000
 5000
 5500
 5750
 6000

PRESSURE

949
 957
 1006
 1065
 1079
 1089
 1100

GRADIENT

.000
 .008
 .02
 .02
 .02
 .04
 .04

