

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-78RECEIVED
JUN 24 1985
OIL CON. DIV.
DIST. 3

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 4-30-85	
Company Consolidated Oil & Gas, Inc.		Connection Northwest Pipeline	
Pool B.S. Mesa Gallup		Formation Gallup	
Completion Date 12-13-84		Total Depth 8390'	Plug Back TD 8345'
Elevation 7077' GR		Farm or Lease Name CHAMPLIN	
Csg. Size 5-1/2"	Wt. 15.5#	d 4.950	Set At 8390'
Perforations: From 7106' To 7714'		Well No. 4-E	
Tbg. Size 2.063	Wt. 3.25#	d 1.751	Set At 7779'
Perforations: From To		Unit B	Sec. 35
Twp. 27N		Rge. 4W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual Gas		Packer Set At 7814'	County Rio Arriba
Producing Thru Tbg		Reservoir Temp. °F P	Mean Annual Temp. °F
Baro. Press. - P _g		State New Mexico	
L	H	G _g	% CO ₂
% N ₂		% H ₂ S	Prover CFP
Meter Run		Taps	
SI 4-19-85		FLOW DATA	
TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size
SI	11 days		
1.	2 x 3/4"		
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	9.453		183
2.			
3.			40°
4.			
5.			
NO.	P _t	Temp. °R	T _t
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 1814 P _c ² 3290596			
NO.	P _t ²	F _w	P _w ²
1		900	810010
2			
3			
4			
5			
(1) $\frac{P_c^2}{P_t^2 - P_w^2} = 1.3265$			
(2) $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 1.2360$			
AOF = Q $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n = 2761$			
Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____	
Slope, n .75			
Remarks:			
Approved By Division		Conducted By: Richard Housh	Calculated By: Neil Tefteller
		Checked By: KE	