

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool South Blanco Formation Pictured Cliffs County Rio Arriba
Initial X Annual _____ Special _____ Date of Test 8-26-65
Company Continental Oil Company Lease AXI Apache "N" Well No. 8
Unit P Sec. 2 Twp. 25N Rge. 4W Purchaser Southern Union Gas Company
Casing 4-1/2" Wt. 10.5# I.D. 4.090 Set at 3920' Perf. 3805' To 3852'
Tubing 2-3/8" Wt. 4.7 I.D. 1.995 Set at 3840' Perf. None To _____
Gas Pay: From 3805' To 3852' L 3840' xG .670 -GL 2573 Bar.Press. 12 PSIA
Producing Thru: Casing X Tubing _____ Type Well Single
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 8-19-65 Packer None Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) ~~XXXXXX~~Type Taps --

No.	Flow Data				Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (XXXX) Size	(XXXX) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.
SI						825		853	
1.	2"	1/4	778		61°	780		778	61
2.	2"	3/8	620		61°	646		620	61
3.	2"	1/2	404		62°	518		404	62
4.	2"	3/4	218		64°	365		218	64
5.									

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wpf}}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	1.4030		790	0.9990	0.9463	1.089	1141
2.	3.0691		632	0.9990	0.9463	1.072	1966
3.	5.5233		416	0.9981	0.9463	1.046	2276
4.	12.2023		230	0.9962	0.9463	1.023	2707
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c P_w Measured (1-e^{-s})

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid 0.670
P_c 865 P_c 748.225

No.	P _w XXXXXX	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-s})	P _w ²	P _c ² -P _w ²	Cal. P _w	P _w P _c
1.	792					627,264	120,961		92
2.	658					432,964	315,261		76
3.	530					280,900	467,325		61
4.	377					142,129	606,096		44
5.									

Absolute Potential: 3050 MCFPD; n .54COMPANY Continental Oil CompanyADDRESS P. O. Box 1621, Durango, ColoradoAGENT and TITLE E. B. Everett, District Test EngineerWITNESSED Frank Van Matre

COMPANY _____

REMARKS

