

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Astec Formation Pictured Cliffs County San Juan
Initial X Annual _____ Special _____ Date of Test August 18, 1959
Company PURCO PETROLEUM CORPORATION Lease Delhi State Well No. 1
Unit I Sec. 36 Twp. 30N Rge. 9W Purchaser El Paso Natural Gas Company
Casing 4 1/2 OD Wt. 9.5 I.D. _____ Set at 2641 Perf. 2524 To 2546
Tubing 1.9 Wt. 2.75 I.D. _____ Set at 2495 RB Perf. 2425 To 2490
Gas Pay: From _____ To _____ L _____ xG .65 -GL _____ Bar.Press. 124
Producing Thru: Casing _____ Tubing X Type Well Single
Single-Bradenhead-G. G. or G.O. Dual _____
Date of Completion: 8-11-59 Packer No Reservoir Temp. 95

OBSERVED DATA

Tested Through (PISTON) (Choke) (MCHS) Type Taps Flange

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
1.		.75	190		50 (est.)	1076	50	1076		3 hours
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-MCFPD @ 15.025 psia
1.							
2.	12.365		202	1.0098	.9608	1.021	2,473
3.							
4.							
5.							

PRESSURE CALCULATIONS

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

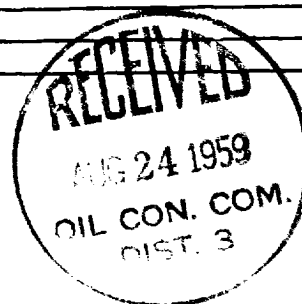
Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 1088 P_c 1183

No.	P _w P _t (psia)	P _c ² P _t	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.						1.183	931		1.27
2.									
3.									
4.									
5.									

Absolute Potential: 3.027 MCFPD; n .85

COMPANY PURCO PETROLEUM CORPORATION
ADDRESS 106 West Chuaka, Astec, New Mexico
AGENT and TITLE M. L. Seelinger, Dist. Engr.
WITNESSED Jack Dunning
COMPANY Purco Petroleum Corp.

REMARKS



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