

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Angel Park Extension Formation Del Norte County San Juan
Initial X Annual _____ Special _____ Date of Test 6/8/60
Company Acton Oil & Gas Company Lease McClintock 7th Well No. 14
Unit 2 Sec. 23 Twp. 35N Rge. 10W Purchaser _____
Casing 4 1/2 Wt. 9.30 I.D. 4.090 Set at 6300 Perf. 6396 To 6400
Tubing 2 3/8 Wt. 4.7 I.D. 1.995 Set at 6373 Perf. Fin collared To _____
Gas Pay: From 6396 To 6400 L 6373 xG 0.63 -GL 1212 Bar.Press. 12
Producing Thru: Casing _____ Tubing X Type Well Single
Single-Bradenhead-G. G. or G.O. Dual _____
Date of Completion: _____ Packer _____ Reservoir Temp. 127

OBSERVED DATA

Tested Through (Burrhead) (Choke) (Burrhead) Type Taps _____

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.	
SI						<u>1205</u>		<u>1202</u>		<u>7 days</u>
1.		<u>0.750</u>				<u>975</u>	<u>60</u>	<u>1255</u>		<u>1 hour</u>
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.	<u>12.356</u>		<u>986</u>	<u>1.000</u>	<u>0.9888</u>	<u>1.000</u>	<u>705</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

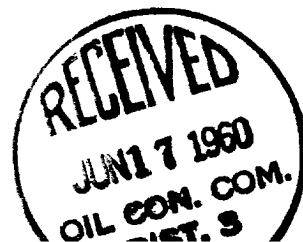
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
 P_c _____ $(1-e^{-s})$

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
 P_c 1993 P_c^2 3,972,009

No.	P_w P_t (psia)	P_c^2 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	$\frac{P_w}{P_c}$
1.	<u>1275</u>					<u>1,625,625</u>	<u>3,972,009</u>		
2.									
3.									
4.									
5.									

Absolute Potential: 11,496 MCFPD; n 0.75
COMPANY Acton Oil & Gas Company
ADDRESS Box 2 570, Farmington, New Mexico
AGENT and TITLE ORIGINAL SIGNED BY I. M. STEVENS I. M. Stevens, Dist. Engineer
WITNESSED _____
COMPANY _____

REMARKS



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