

Nov 17 1 09 PM '65

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool East Weir Blinebry Formation Blinebry County Lea
Initial X Annual _____ Special _____ Date of Test November 12, 1965
Company TEXACO Inc. Lease C. H. Weir "A" Well No. 9 MZ
Unit K Sec. 12 Twp. 20S Rge. 37E Purchaser Phillips Petroleum Co.
Casing 2-7/8 Wt. 6.5 I.D. 2.441 Set at 6815 Perf. 5781 To 5915
Tubing None Wt. _____ I.D. _____ Set at _____ Perf. _____ To _____
Gas Pay: From 5781 To 5915 L 5781 xG .784 -GL 4532 Bar.Press. 13.2
Producing Thru: Casing X Tubing _____ Type Well Dual Gas-Oil
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: Aug. 19, 1962 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (EXAMINER) (CHOKER) (Meter) Type Taps Flange

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(EXAMINER) (Line) Size	(EXAMINER) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI								1917		72
1.	4.026	2.750	438	7.0	49			1827	68	1
2.	"	"	460	11.5	45			1725	69	1
3.	"	"	468	15.5	43			1650	70	1
4.	"	"	472	19.0	42			1504	70	1
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.	53.05	56.20	451.2	1.0107	.9225	1.063	2954
2.	53.05	73.77	473.2	1.0147	.9225	1.068	3913
3.	53.05	86.36	481.2	1.0168	.9225	1.068	4589
4.	53.05	96.01	485.2	1.0178	.9225	1.070	5117
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio 29,400 cf/bbl.
Gravity of Liquid Hydrocarbons 70.4 deg.
P_c 5.866 (1-e^{-s}) 0.268

Specific Gravity Separator Gas .705
Specific Gravity Flowing Fluid .784
P_c 1930.2 P_c 3726

No.	EX P _t (psia)	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.	1840.2	3386	17.33	300.3	80.48	3466	260	1862	.965
2.	1738.2	3021	22.95	526.7	141.5	3162	564	1778	.921
3.	1663.2	2766	26.92	724.7	194.2	2960	766	1720	.891
4.	1517.2	2302	30.02	901.2	241.5	2543	1183	1595	.826
5.									

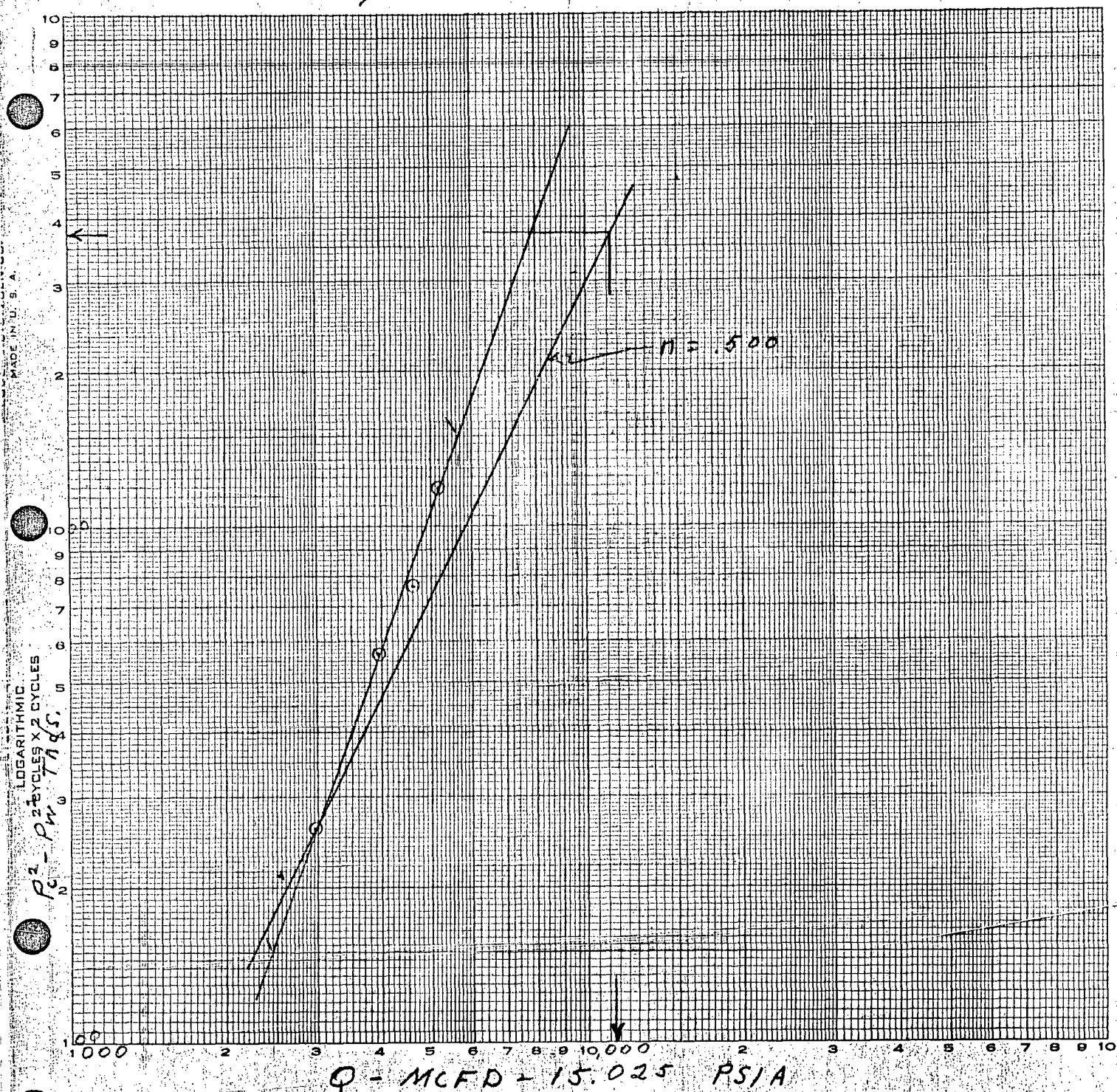
Absolute Potential: 11,200 MCFPD; n < .500COMPANY TEXACO Inc.ADDRESS Box 1270, Midland, TexasAGENT and TITLE J. R. Mason District Supervisor (Gas)

WITNESSED _____

COMPANY _____

REMARKS

Texaco Inc.
 C.H. Weir "A"
 Well No. 9 MZ (Blinbry)
 East Weir Blinbry Pool
 Unit K, Sec. 12, T-20S, R-37E
 Lea County, New Mexico
 November 12, 1965



565 = 752.048
 245 = 389.166
 362.882

Absolute Potential 11,200 MCFD
 $n = .500$