

Sm Hon

REC'D JUN 14 1977

Date of Test 23 May 1977

BTU 1012

OBSERVATIONS

Neg 425

57 = 68

1070 = 1

1220

2070

259613

[illegible]

cc: Tom Swenson	
Harve Truskett	
Ron Tipton	
State Corp. Comm.	
Glen Fine - Operator	

BACK PRESSURE TEST SHEET

REC'D JUN 14 1977

Field _____ Lease BRITTON Well No. 1 Date of Test 23 MAY 77
 Formation _____ County EDWARDS State KANSAS Location CNE 8-26-18
 Casing: Size 4 1/2 Wt. _____ Set at _____ Perf _____ To _____ L _____ Packer _____ G _____
 Tubing: Size 2 1/4 Wt. _____ Set at _____ Perf _____ To _____ Reservoir Temp _____
 Test Run on Tubing, Casing, Annulus. (Cross out those not applicable) Meter Run _____ Conn _____

OBSERVED FIELD DATA

Flow Data					Tubing Data			Casing Data		
Run No.	Time of Run, Min.	(Prover) (Line) size	(Orifice) (Choke) Size	Press. psia	Diff. in	Temp. °F.	Press. psia	Temp. °F.	Press. psia	Temp. °F.
Shut in				1380.4			1380.4		1380.4	
1	60	2"	1/4	1307.4		71	1307.4		1329.4	
2	60	2"	3/16	1201.4		75	1201.4		1340.4	
3	60	2"	3/8	1091.4		79	1091.4		1320.4	
4	60	2"	7/16	1002.4		81	1002.4		1296.4	
5										

FLOW CALCULATIONS

Run No.	Coefficient (24-Hour)	$\sqrt{h_d P_2}$	Pressure psia	Flow Temp. Factor F_t	Gravity Factor F_g	Compress. Factor F_{pw}	Rate of Flow Q-MCFPD
1	1.115		1307.4	.9896	1.262	1.116	2.032
2	1.714		1201.4	.9859	1.262	1.105	2.831
3	2.439		1091.4	.9822	1.262	1.093	3.606
4	3.495		1002.4	.9804	1.262	1.085	4.703
5							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas .628
 Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____
 F_c _____ (10^{-3}) _____ P_c 1380.4 P_c^2 1905.5

Run No.	P_v P_t (psia)	P_t^2	$P_c Q$	$(P_c Q)^2$	$(P_c Q)^2$ (10^{-3})	P_v^2	$P_c^2 - P_v^2$	Cal. P_v	$\frac{P_v}{P_c}$
1	1329.4					1848.9	57.5	2.032	
2	1340.4					1796.7	108.8	2.831	
3	1320.4					1743.5	162.0	3.606	
4	1296.4					1680.7	224.8	4.703	
5									

Absolute Potential 21,300 MCFPD at 14.4 psia; n .701

Company SLAN RUPE Address _____

Tested By: William E. Smith

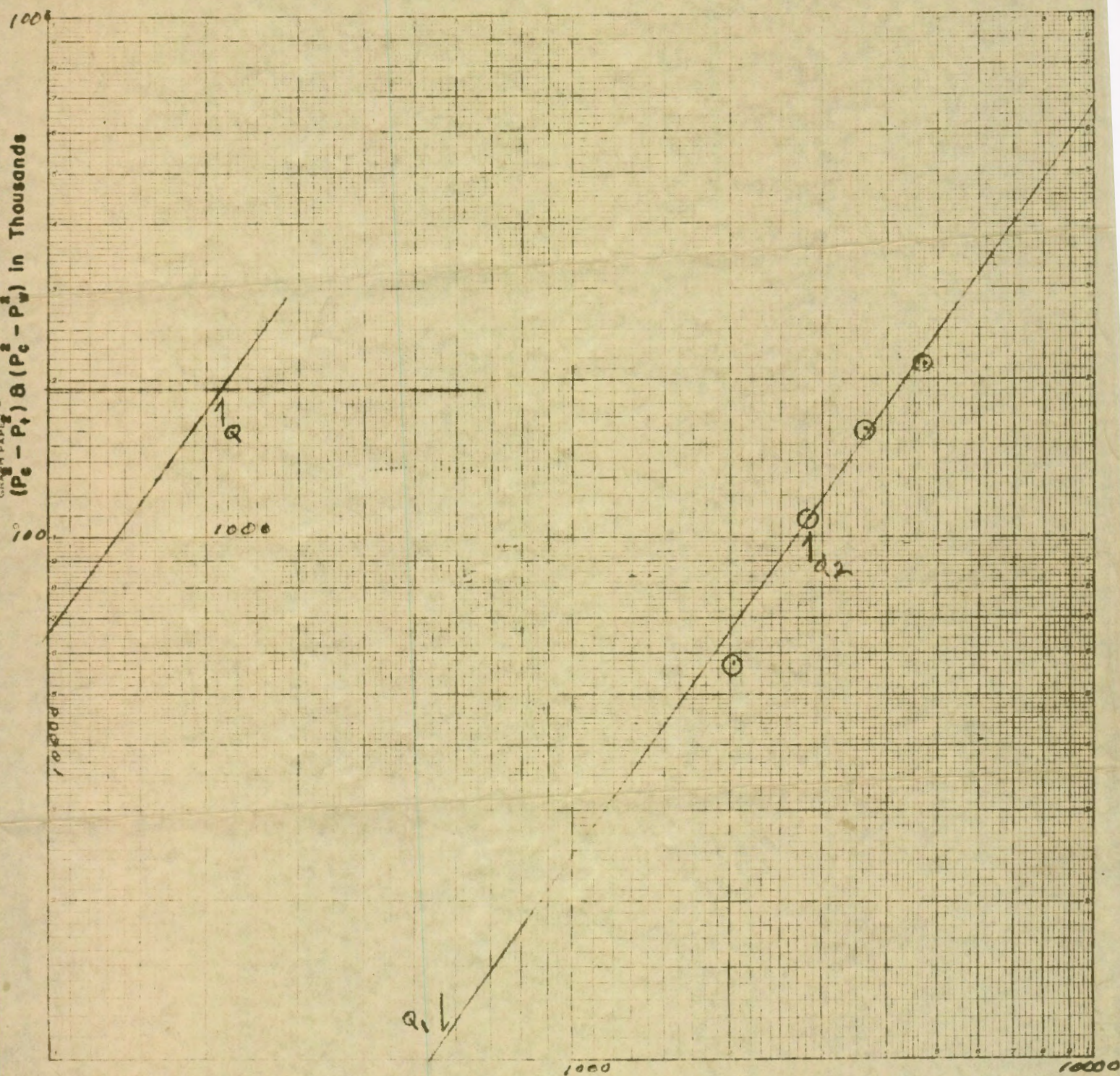
Calculated By: Same

Witnessed By: John Cecil Company Slan Rupe

Remarks _____

REC'D JUN 14 1977

Operator YLEN ROPE Lease BRITTON Well No. 1
 County EDWARDS Field _____ Location NENE 8-26-18
 Date of Test 23 MAY 77 Slope "n" .701 W.H. _____ Abs. _____
 Calc. W.H. Potential _____ MCF/D Calc. Abs. Potential 21,300 MCF



William E. Turney

Q In MCF/Day
 Q 21,300

Q2 = 2,831 [206] 3.452
 Q1 564 [206] 2.751
 5490' N .701