

MULTI-POINT BACK-PRESSURE TEST REPORT

Type Test: ☐ Initial ☐ Annual ☒ Special						Test Date 4-18-78		Lease No. or Serial No.	
Company William Gruenerwald & Assoc.						Connection		Allettee	
Field		Reservoir		Location		Unit			
Completion Date		Total Depth		Plug Back TD		Elevation		Form or Lease Name Gonzales Pittman	
Csg. Size	Wt.	d	Set At	Perforations: From		To		Well No. 2	
Tbg. Size	Wt.	d	Set At	Perforations: From		To		Sec. Twp - Blk Rge - Sur	
Type Completion (Describe)						Packer Set At		County or Parish Mora	
Producing Thru		Reservoir Temp. F @		Mean Ground Temp. F		Baro. Press. - P _a 12.5		State New Mexico	
L	H	G _g	% CO ₂	% N ₂	% H ₂ S	Prover Meter Run Taps 2" OWT			

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow, Hr.
NO.	Prover Line Size	Choke X Orifice Size	Press. psig	Diff. h _w	Temp. F	Press. psig	Temp. F	Press. psig	Temp. F	
51	2" OWT							1.9		72+
1.	2" OWT							1.8		
2.	2" OWT							1.7		
3.	2" OWT							1.2		
4.	2" OWT							.4		
5.	2" OWT									

NO.	Coefficient (24-Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor, F _t	Gravity Factor, F _g	Super Compress. Factor F _{pv}	Rate of Flow Q, Mcfd
1.	1/4		1.8	1.000	.9652	1.000	11
2.	1/2		1.7	1.000	.9652	1.000	42
3.	1		1.2	1.000	.9652	1.000	143
4.	1-1/2		.4	1.000	.9652	1.000	230
5.							

NO.	P _r	Temp. R	T _r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl
 API Gravity of Liquid Hydrocarbons _____ deg.
 Specific Gravity Separator Gas _____
 Specific Gravity Flowing Fluid _____
 Critical Pressure _____ psia
 Critical Temperature _____ R

NO.	P _i	P _i ²	P _c ² - P _i ²	P _w	P _w ²	P _c ² - P _w ²	P _s	P _s ²	P _i ² - P _s ²
1.				14.3	204	3			
2.				14.2	202	5			
3.				13.7	188	19			
4.				12.9	166	41			
5.									

ADF 850 Mcfd
 n .809

Commission _____
 Company _____
 Others _____

THURMOND MCGLOTHLIN, INC.
PO BOX 1698 PAMPA, TEXAS 665-5792

FRACTIONAL ANALYSIS *

DATE RUN: APR 18, 1978

COMPONENTS	MOL %	GPM
N2	19.86	
CO2	0.82	
C1	79.31	13.400
C2	0.01	0.002
C3	0.00	0.000
IC4	0.00	0.000
NC4	0.00	0.000
IC5	0.00	0.000
NC5	0.00	0.000
C6+	0.00	0.000

COMPANY: GRUENERWALD
LEASE: GONZALES-PITMAN 2
SAMPLE OF:
PRESSURE: 1.8 PSI
TEMPERATURE: 60 F
CYL NO: TM 468
ANALYSIS BY: J CHISUM
SECURED BY: TM
DATE: 4-18-78
TIME:

GASOLINE CONTENT @ 14.65 PSIA & 60 F

	GPM
PENTANES & HEAVIER	0.000
BUTANE & HEAVIER	0.000
PROPANE & HEAVIER	0.000

BTU 14.73 PSIA & 60 F

DRY	803
WET	789

RESULTS TO
WM GRUENERWALD
COLO SPRINGS

SPECIFIC GRAVITY
0.644