Submit in duplicate to appropriate district office.
See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator	ASHER ENTERPRISES					Lease or Unit Name	LAWTON STATE		
Type Test ☑ Initial ☐ Annual ☐ Special						Test Date 8/24/03	Well No. 2		
Completion Date 8/4/03	Total Depth 12983			Plug Back TD 11466		Elevation 16.5 GL	Unit Ltr - Sec - TWP - Rge 26 17S 30E		
Csg. Size 5 1/2	Wt. 17	d 4.892	Set At 12983	Perforations: From: 11340	To: 11380		County LEA		
Tbg. Size 2 7/8	Wt. 6.5	d 2.441	Set At 11215	Perforations: From:	To:		Pool		
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 11215			Formation ATOKA		
Producing Thru TBG	Reservoir Temp. 168		Mean Annual Temp. 60	Baro. Press.-P_a 13.2			Connection SALES		
L 11215	H 11215	Gg 0.761	%CO_2 0.677	%N_2 2.594	%H_2S	Prover	Meter Run 4.026		Taps FLG

	FLOW DATA				TUBING DATA		CASING DATA		
No.	Prover Line Size x Orifice Size	Press p.s.i.g.	Diff. h_w	Temp.	Press p.s.i.g.	Temp.	Press p.s.i.g.	Temp.	Duration of Flow
SI					1700		PKR		
1	4.026 X 2.875	25	0.4	93	1580				1 HR
2	4.026 X 2.875	25	0.6	103	1483				1 HR
3	4.026 X 2.875	26	1.3	106	1329				1 HR
4	4.026 X 2.875	26	1.6	106	1317				1 HR
5									

RATE OF FLOW CALCULATIONS

No.	COEFFICIENT (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor F_g	Super Compress. Factor F pv	Rate of Flow Q. Mcfd
1							184
2							208
3	TOTAL	FLOW	METER				317
4							349
5							

No.	P_r	Temp. R	T_r	Z
1				
2				
3	TOTAL	FLOW	METER	
4				
5				

Gas Liquid Hydrocarbon Ratio 16.995 Mcf bbl.
A.P. I. Gravity of Liquid Hydrocarbons 53.7 @ 60 Deg.
Specific Gravity Separator Gas 0.761 XXXXXXX
Specific Gravity Flowing Fluid XXXXX GMIX = .927
Critical Pressure 667 P.S.I.A. 662 P.S.I.A.
Critical Temperature 403 R. 459 R

P_c _____ P_c^2 _____

No.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		2003.5	4014	437.7
2		1950.1	3802.9	1248.8
3		1863.8	3473.7	978
4		1827.5	3339.7	1112
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ 4 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 4

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 1396

Absolute Open Flow 1396 Mcfd @ 15.025 Angle of Slope (): 45 Slope n: 1

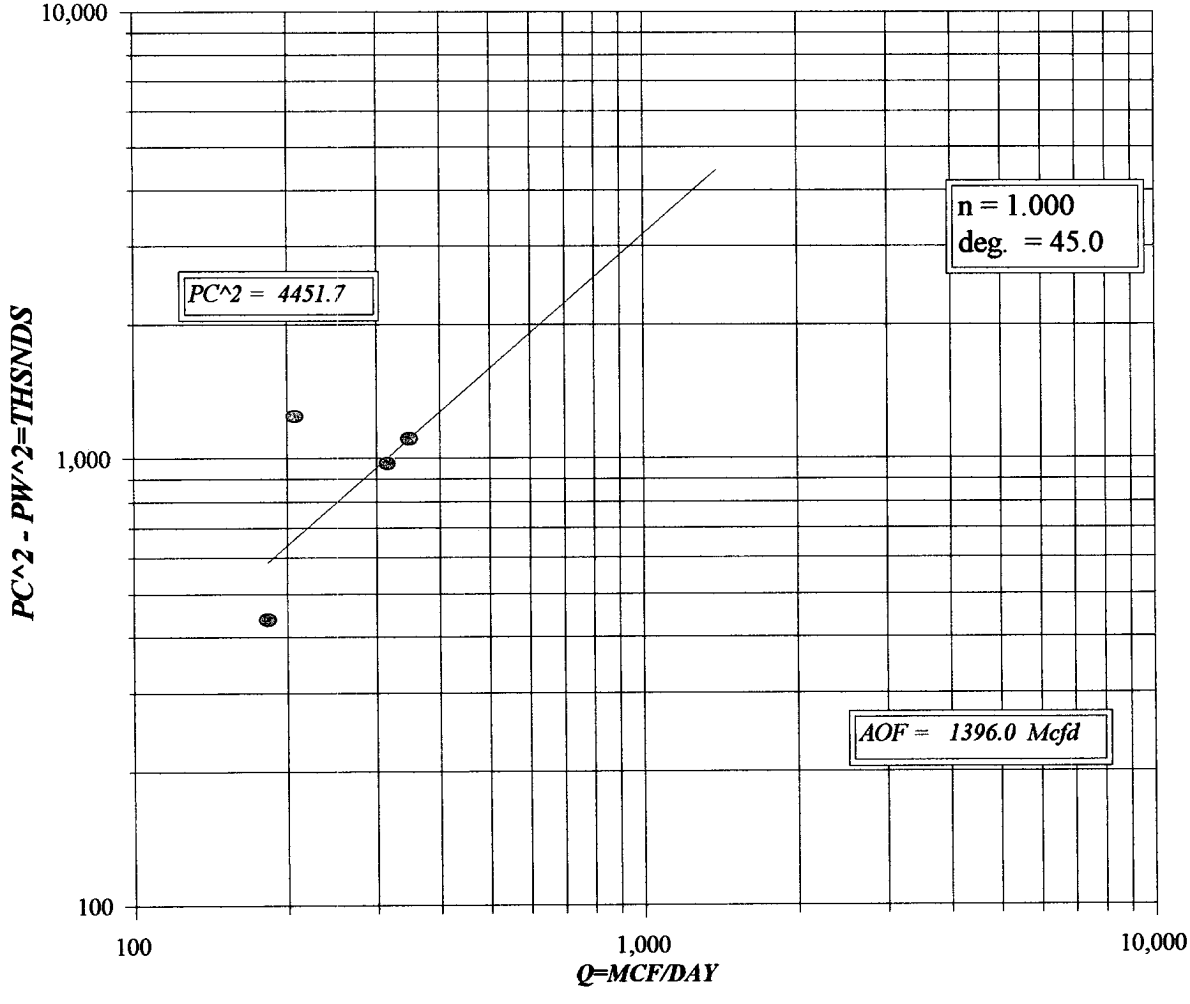
Remarks: * CALCULATED FROM KNOWN BOTTOM HOLE PRESSURES. WELL MADE 2.6 BBLS OF 53.7 API GRAVITY CONDENSATE DURING TEST.

Approved By Division:	Conducted By:	Calculated By:	Checked By:
	PRO WELL TESTING	MERV BUECKER	MB

RECEIVED AUG 2003 Hobbs OCD

ASHER ENTERPRISES

LAWTON STATE #2



GOR/GMIX NEW MEXICO

VOLUME OF FIRST RATE	=	184.0			
DURATION OF FLOW IN MIN.	=	60.0			
VOLUME OF SECOND RATE	=	208.0			
DURATION OF FLOW IN MIN.	=	60.0			
VOLUME OF THIRD RATE	=	317.0			
DURATION OF FLOW IN MIN.	=	60.0			
VOLUME OF FOURTH RATE	=	349.0			
DURTION OF FLOW IN MIN.	=	60.0			
VOLUME OF FIFTH RATE	=	.			
DURATION OF FLOW IN MIN.	=	1.0			
VOLUME OF SIXTH RATE	=	.			
DURATION OF FLOW IN MIN.	=	1.0			

NEW MEXICO G.O.R./G. MIX

NO. OF BBLS PRODUCED	=	2.6			
API GRAVITY @ 60 DEG.	=	53.7			
SPECIFIC GRAVITY OF GAS	=	0.7610			
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	x	xxxxxxxxxxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxxx
TOTAL GAS PRODUCED	=	**44**			
G.O.R.	=	**16.955**			
G.MIX	=	**0.927**			

Laboratory Services, Inc.

4016 Fiesta Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Pro Well Testing & Wireline
P. O. Box 791
Hobbs, New Mexico 88241

SAMPLE:
IDENTIFICATION: Lawton St. #2
COMPANY: Asher Enterprises
LEASE:
PLANT:

SAMPLE DATA:
DATE SAMPLED: 8/24/08 10:00 am
ANALYSIS DATE: 8/25/08
PRESSURE – PSIG 26
SAMPLE TEMP, °F
ATMOS. TEMP, °F 88

GAS (XX) LIQUID ( )
SAMPLED BY: Merv Buecker
ANALYSIS BY: Vickie Biggs

REMARKS: Condensate API Gravity @ 60° F = 53.7

COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM
Hydrogen Sulfide	(H2S)		
Nitrogen	(N2)	2.594	
Carbon Dioxide	(CO2)	0.677	
Methane	(C1)	77.084	
Ethane	(C2)	9.460	2.524
Propane	(C3)	4.987	1.371
I-Butane	(IC4)	0.772	0.252
N-Butane	(NC4)	1.812	0.570
I-Pentane	(IC5)	0.519	0.189
N-Pentane	(NC5)	0.517	0.187
Hexane Plus	(C6+)	1.578	0.685
		100.000	5.778

BTU/CU.FT. – DRY	1272
AT 14.650 DRY	1268
AT 14.650 WET	1246
AT 14.73 DRY	1275
AT 14.73 WET	1253

MOLECULAR WT. 22.1416

SPECIFIC GRAVITY –
CALCULATED 0.761
MEASURED