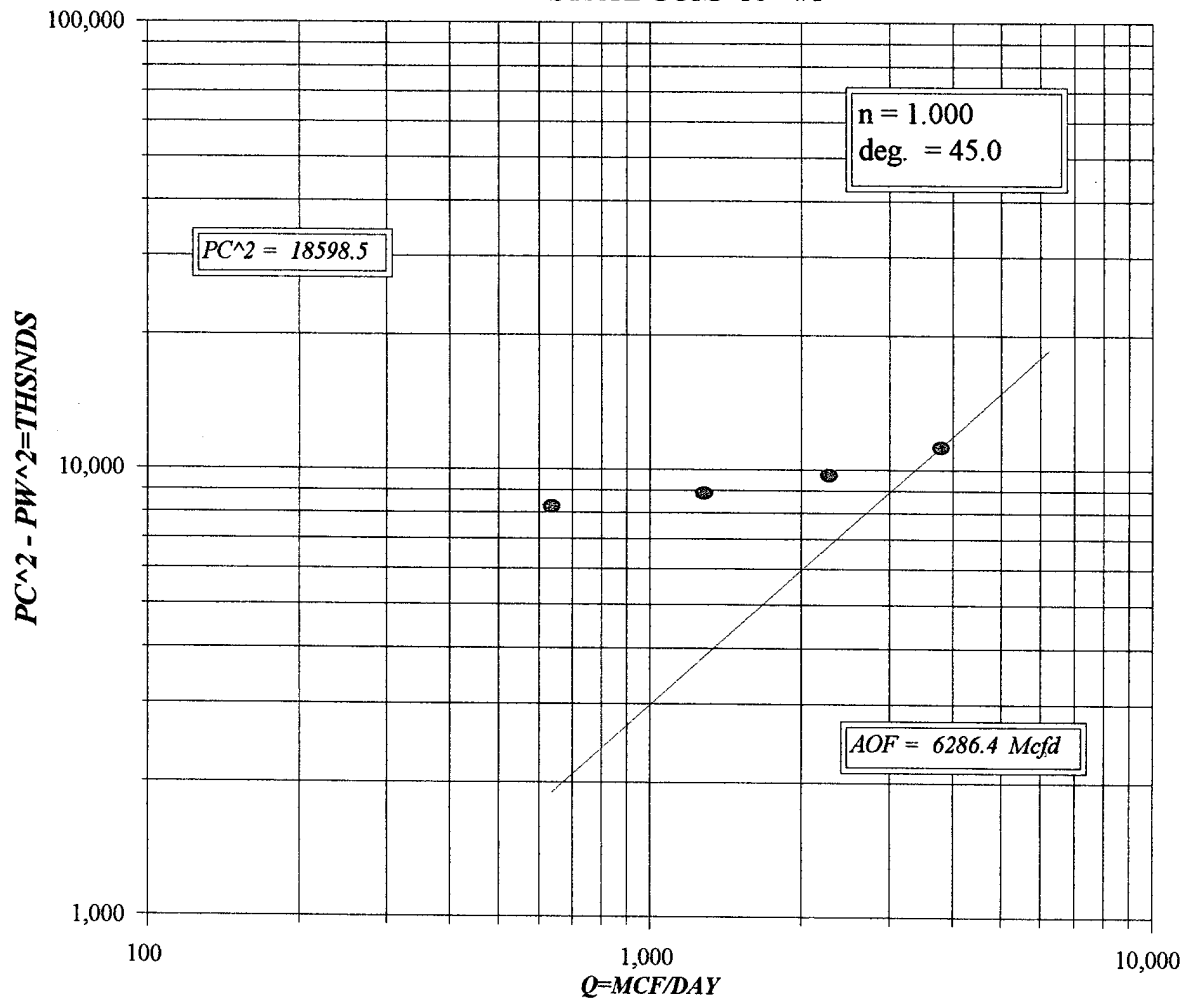


Form C-122
Revised October, 1999

Operator CHEVRONTEXACO						Lease or Unit Name BELL STATE COM "16"							
Type Test ☒ Initial ☐ Annual ☐ Special								Test Date 7/30/04		Well No. 1			
Completion Date		Total Depth			Plug Back TD			Elevation		Unit Ltr - Sec - TWP - Rge N 16 21S 36E			
Csg. Size	Wt.	d	Set At		Perforations: From: To:				County LEA				
Tbg. Size 2 7/8	Wt. 6.5	d 2.441	Set At 11084		Perforations: From: To:				Pool				
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE					Packer Set At 11084				Formation				
Producing Thru TUBING		Reservoir Temp. 151		Mean Annual Temp. 60		Baro. Press.-P _a 13.2				Connection AIR			
L 11084	H 11084	Gg 0.669	%CO ₂ 0.899	%N ₂ 1.021	%H ₂ S	Prover		Meter Run 4.026	Taps FLG				
FLOW DATA					TUBING DATA				CASING DATA				
No.	Prover Line Size	Orifice x 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						3045							
1		4.026 X 2.750	90	1.5	82	2972				1 HRS			
2		4.026 X 2.750	90	6	84	2849				1 HRS			
3		4.026 X 2.750	140	13	84	2705				1 HRS			
4		4.026 X 2.750	245	22	84	2441				1 HRS			
5													
RATE OF FLOW CALCULATIONS													
No.	COEFFICIENT (24 Hour)		h _w P _m	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compressibility Factor F _{pr}	Rate of Flow Q, Mcfd					
1	41.1		12.4	103.2	0.9795	1.223	1.048	639					
2	41.1		24.9	103.2	0.9777	1.223	1.048	1282					
3	41.1		44.6	153.2	0.9777	1.223	1.048	2275					
4	41.1		75.4	258.2	0.9777	1.223	1.048	3787					
5													
No.	P _r	Temp. R	T _r	Z	Gas Liquid Hydrocarbon Ratio 36.958 Mcf bbl.								
1	0.82	550	1.46	0.91	A.P. I. Gravity of Liquid Hydrocarbons 60.3 @ 60 Deg.								
2	0.82	550	1.46	0.91	Specific Gravity Separator Gas 0.669 XXXXXXXX								
3	0.82	600	1.59	0.929	Specific Gravity Flowing Fluid XXXXXX GMIX=.744								
4	0.82	705	1.87	0.958	Critical Pressure 672 P.S.I.A. P.S.I.A.								
5					Critical Temperature 378 R. R.								
P _c 3262.4 · P _{c2} 18598.5					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.66}{\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n} = \frac{1.66}{6286.4}$								
No.	P _t ²	P _w	P _w ²	P _c ² -P _w ²									
1		3215.3	10338.1	8260.4									
2		3119.4	9730.6	8867.9									
3		2979.1	8875	9723.5									
4		2708.7	7337	11261.5									
5													
Absolute Open Flow 6286.4 Mcfd @ 15.025					Angle of Slope (°): 45 Slope n: 1								
Remarks: * CALCULATED FROM KNOWN BOTTOM HOLE PRESSURES. WELL MADE 9 BBLs OF 60.3 API GRAVITY CONDENSATE DURING TEST.													
Approved By Division:			Conducted By: PRO WELL TESTING			Calculated By: MERV BUECKER			Checked By: BM				

CHEVRONTEXACO
BELL STATE COM "16" #1





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: Bell State #1
COMPANY: ChevronTexaco
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED:
ANALYSIS DATE: 8/2/04
PRESSURE - PSIG 250
SAMPLE TEMP. °F
ATMOS. TEMP. °F

GAS (XX) LIQUID ()
SAMPLED BY: Jason
ANALYSIS BY: Vickie Biggs

REMARKS:

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H ₂ S)		
Nitrogen (N ₂)	1.021	
Carbon Dioxide (CO ₂)	0.899	
Methane (C ₁)	85.318	
Ethane (C ₂)	7.826	2.088
Propane (C ₃)	2.844	0.782
I-Butane (IC ₄)	0.447	0.146
N-Butane (NC ₄)	0.824	0.259
I-Pentane (IC ₅)	0.215	0.078
N-Pentane (NC ₅)	0.203	0.073
Hexane Plus (C ₆ +) <u>0.403</u>		<u>0.175</u>
	100.000	3.601
BTU/CU.FT. - DRY	1149	
AT 14.650 DRY	1146	
AT 14.650 WET	1126	
AT 14.73 DRY	1152	
AT 14.73 WET	1132	
SPECIFIC GRAVITY -		
CALCULATED	0.669	
MEASURED		

MOLECULAR WT. 19.3871

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ASTM DISTILLATION

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

Analysis Date: 8/2/04
Sampled By: Jason

ChevronTexaco
Bell State #1

<u>Percent Distilled</u>	<u>Temperature</u>
IBP	95
5	125
10	168
20	189
30	206
40	221
50	235
60	257
70	281
80	318
90	386
95	461
EP	492

% Recovered = 97.0
% Residue = 1.0
% Loss = 2.0

API Gravity @ 60° F = 60.3
Molecular Weight = 112

Rolind Perry