

415F  
File

NEW MEXICO OIL CONSERVATION COMMISSION  
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLHEAD Form C-12.

APR 10 '89

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 7/17/88	
Company Yates Petroleum Corporation		Connection Transwestern Pipeline Company	
Pool & SURFACE E BURTON FLAT STRAWN		Formation EAST BURTON FLAT	
Completion Date 7/9/88		Total Depth 12150.0'	Plug Back TD 11565.0'
Elevation 4181.3'		Farm or Lease Name Anthill RAK State	
Csg Size 4.500"	Wt. 9.500#	d 4.090"	Set At 12150.0'
Tbg Size 2.375"	Wt. 4.700#	d 1.995"	Set At 10516.0'
Perforations: From 10650.0' To 10724.0'		Perforations: From 0.0' To 0.0'	
Type Well Single		Packer Set At 10516.0'	County Eddy
Producing Thru Tubing	Resv. Temp. °F 220 @ 11726'	Mean Temp. °F 62.0	Baro. Press. - Pa 13.2 psia.
L 10516.0'	H 10516.0'	Gg .722	%CO2 .29
%N2 1.45	%H2S 0.00	Prover 0.000"	Meter Run 2.000"
Taps Flange		State New Mexico	

NO	Prover Orifice Size X Size	Press. psig	Diff. hw	Temp. °F	TUBING DATA		CASING DATA		Duration of Flow
					Press. psig	Temp. °F	Press. psig	Temp. °F	
SI	0.000 X 0.000	0	0.0	93	2818	0	0	0	0 hrs.
1.	2.067 X .875	345	28.4	92	2177	62	0	0	24 hrs.
2.	2.067 X .875	355	38.0	90	1995	62	0	0	24 hrs.
3.	2.067 X .875	355	49.8	93	1886	62	0	0	24 hrs.
4.	2.067 X .875	360	55.0	91	1710	62	0	0	24 hrs.
5.	0.000 X 0.000	0	0.0	0	0	0	0	0	0 hrs.

NO	Coefficient (24 HOUR)	/hwPm	Pressure Pm	Flow Temp Factor Ft.	Gravity Factor Fg	Super Compress. Fact. Fpv	Rate of Flow Q, Mcfd
2.	3.729	118.29	368.20	.972	1.177	1.036	523
3.	3.729	135.41	368.20	.970	1.177	1.035	596
4.	3.729	143.27	373.20	.971	1.177	1.036	633
5.	0.000	0.00	0.00	0.000	0.000	0.000	0

NO	Pr	Temp. °R	Tr	Z	Gas Liquid Hydrocarbon Ratio		Rate of Flow Q, Mcfd
					A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	
1.	.54	552	1.41	.935	5.120 Mcf/bbl.	53.400 Deg.	444
2.	.55	550	1.40	.933	xxxxxxx	xxxxxxx	523
3.	.55	553	1.41	.934	1.229	666.6 PSIA	596
4.	.56	551	1.41	.932	648.8 PSIA	391.7°R	633
5.	0.00	0	0.00	0.000	559.0°R		0

NO	Pt2	Pw	Pw2	Pc2 - Pw2 (1)	ROF = Q [Pc2 / (Pc2 - Pw2)]^n	
					Pc2	n
1.	4797.0	2191.8	4803.9	3211.8	1.5889	1.4396
2.	4032.9	2010.4	4041.7	3974.0		
3.	3607.0	1902.1	3617.9	4397.8		
4.	2969.4	1726.5	2980.7	5035.0		
5.	0.0	0.0	0.0	0.0		

Absolute Open Flow 911 Mcfd @ 15.025 Angle of Slope, 0 38 Slope, n .787

Approved By: Conducted By: Tracy Richardson Calculated By: Andrea Checked By: