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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-122
Revised 4-1-91

C/S F

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator: Myco Industries, Inc.				Lease or Unit Name: East Turkey Track Federal Com	
Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 07/16/98	Well No.: 3
Completion Date: 07/14/98	Total Depth: 11785		Plug Back TD: 11740	Elevation: 3431' GL	Unit Ltr. - Sec. - TWP - Rge.: J 26 18s 29e
Csg. Size: 5½ / Wt.: 17# / d: 4.892 / Set At: 11780				Perforations: From: 11400 To: 11410	County: Eddy
Tbg. Size: 2 7/8 / Wt.: 6.5 / d: 2.441 / Set At: 11371				Perforations: From: Open To: Ended	Pool: Turkey Track Morrow North Gas
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: Single				Packer Set At: 11354	Formation: Morrow
Producing Thru: Tbg	Reservoir Temp. °F: 168.9@11325	Mean Annual Temp. °F: 60		Baro. Press - P_a: 13.2	Connection: Agave Energy
* L: 11325	H: 11325	Gg: .647	% CO_2: .531	% N_2: .482	% H_2S: Prover: Meter Run: 4.026 Taps: FLG

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI							3094		PKR		41 Hrs
1.	4	x	1.750	727	1.20	88	2866		PKR		1 Hr
2.	4	x	1.750	737	3.70	87	2660		PKR		1 Hr
3.	4	x	1.750	769	11.70	86	2149		PKR		1 Hr
4.	4	x	1.750	773	17.60	85	1831		PKR		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 Fg.	Super Compress. Factor, F pv.	Rate of Flow Q, Mcfd
1.	14.93	29.80	740.2	.9741	1.243	1.076	579
2.	14.93	52.69	750.2	.9750	1.243	1.077	1027
3.	14.93	95.67	782.2	.9759	1.243	1.081	1873
4.	14.93	117.63	786.2	.9768	1.243	1.082	2307
5.							

NO.	P_r	Temp. °R	T_r	Z
1.	1.10	548	1.47	.863
2.	1.11	547	1.47	.862
3.	1.16	546	1.46	.855
4.	1.17	545	1.46	.854
5.				

Gas Liquid Hydrocarbon Ratio 47.214 Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons 55.5 @ 60° Deg.
Specific Gravity Separator Gas .647 XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX GMIX=.709
Critical Pressure 670 P.S.I.A. P.S.I.A.
Critical Temperature 372 R R

** P_c 3371.5 P_c^2 11367.0

NO.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1.	**	3086.0	9523.4	1843.6
2.	**	2871.4	8244.9	3122.1
3.	**	2350.4	5524.4	5842.6
4.	**	2009.1	4036.5	7330.5
5.				

1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.551$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.551$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3.578$

Absolute Open Flow 3,578 Mcfd @ 15.025 Angle of Slope θ 45 Slope, n 1.000

Remarks: * BHP instrument set @ this depth - well produced 5.1 bbls condensate
** BHP's converted back to surface pressures

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Jarrel Services, Inc.	Bob Murray	Bob Murray