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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-122
Revised 4-1-91

OIL CONSERVATION DIVISION

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

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator: LOUIS DREYFUS				Lease or Unit Name: TURKEY TRACK '2' ST.	
Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 1-19-00	Well No.: 1
Completion Date: 1-18-00	Total Depth: 11196		Plug Back TD: 11075	Elevation: 3450	Unit Ltr. - Sec. - TWP. - Rge.: 2-19S-29E
Csg. Size: 5½	Wt.: 17#	d: 4.892	Set At: 11196	Perforations: From: 10636 To: 10661	County: EDDY
Tbg. Size: 2-3/8	Wt.: 4.7#	d: 1.995	Set At: 10563	Perforations: From: To:	Pool: Turkey Track Mor
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: single				Packer Set At: 10563	Formation: MORROW
Producing Thru: TBG	Reservoir Temp. °F: 179.6	Mean Annual Temp. °F: 60		Baro. Press - P_a: 13.2	Connection: SALES
L: 10563	H: 10563	Gg: .703	% CO_2: .214	% N_2: 1.008	% H_2S: -0-
Prover: -0-	Meter Run: 3"	Taps: FLG			

FLOW DATA					TUBING DATA		CASING DATA		
NO.	Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI					2860	N/A	PKR	N/A	
1.	3.068 X 1.500	156	3.0"	91°	2190				60 min
2.	3.068 X 1.500	176	6.2	96°	1830				60 min
3.	3.068 X 1.500	190	7.9	73°	1520				60 min
4.	3.068 X 1.500	229	22.0	62°	860				60 min
5.									

RATE OF FLOW CALCULATIONS

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.							314
2.		GAS VOLUMES MEASURED BY TOTAL FLOW METER					445
3.							540
4.							1031
5.							

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

Gas Liquid Hydrocarbon Ratio: 32.361 Mcf/bbl
A.P.I. Gravity of Liquid Hydrocarbons: 55.4 Deg.
Specific Gravity Separator Gas: .703 XXXXXXXXX
Specific Gravity Flowing Fluid: N/A XXXXX
Critical Pressure: 672 P.S.I.A. P.S.I.A.
Critical Temperature: 388 R R

P_c 2873.2 P_c^2 8255.3

NO.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1.	4854.1	2203.9	4857.1	3398.1
2.	3397.4	1844.9	3403.5	4851.8
3.	2350.7	1536.2	2359.8	5895.4
4.	762.0	894.1	799.5	1455.8
5.				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.107$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.107$

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1142$

Absolute Open Flow: 1142 Mcfd @ 15.025 | Angle of Slope θ: 45° | Slope, n: 1.000

Remarks: * WELL MADE 3 BBLS OF 55.4 API GRAVITY CONDENSATE DURING TEST

Approved By Division	Conducted By:	Calculated By:	Checked By:
	PRO WELL TESTING	MB	BM