NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 9-12-73	
Company: Universal Resources Corp.		Connection: S.I. W.O. connection		
Pool: Blanco Mesaverde		Formation: Mesaverde		Unit: N
Completion Date: 9-13-73	Total Depth: 4350'	Plug Back TD:	Elevation: GL 5977	Farm or Lease Name: State
Csg. Size: 4-1/2" / Wt.: 10.5# & 11.6# / d: / Set At: 4347'			Perforations: From 4584 To 4734	Well No.: 1 ~~16~~
Tbg. Size: 1-1/2" / Wt.: 2.25# / d: / Set At: 4650'			Perforations: From To	Unit: N / Sec.: 16 / Twp.: 32N / Rge.: 12W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None		County: San Juan
Producing Thru: Tubing	Reservoir Temp. °F: @ 137°	Mean Annual Temp. °F:	Baro. Press. – P_a:	State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
						X		

NO.	FLOW DATA: Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI							1038		1042		72
1.	2		3/4"				264		807		3 Hr.
2.											
3.											
4.											
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, Fpv	Rate of Flow Q, Mcfd
1	12.365		264	1.0000	.9258	1.0000	3022
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1038 P_c^2 1077444

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		307	651249	426195
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.5280$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0047$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3036$

Absolute Open Flow 3036 Mcfd @ 15.025 Angle of Slope θ _____ Slope n _____

Remarks: _____

RECEIVED
SEP 24 1973
OIL CON. COM.
DIST. 3

Approved By Commission:	Conducted By:	Calculated By:	Checked By: