

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 12-27-76	
Company Universal Resources Corporation				Connection		
Pool Blanco				Formation Mesa Verde		Unit
Completion Date 12-18-76		Total Depth 5034'		Plug Back TD 4998'		Elevation 6052 GL
Farm or Lease Name State						
Csg. Size 4.500	Wt. 10.50#	d 4.052	Set At 5034	Perforations: From 4713 To 4899		Well No. 1-A- 35
Thg. Size 2.375	Wt. 4.7#	d 1.995	Set At 4623	Perforations: From ---- To ----		Unit Sec. Twp. Rge. P 16 32N 12W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At ----		County San Juan
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico
L	H	Gg .700	% CO ₂	% N ₂	% H ₂ S	Prover Meter Run Taps

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
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	
SI							1024		1035		
1.	2"		3/4"				512		923		1 Hour
2.							485		892		2 Hours
3.							454		876		3 Hours
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		466.2	1.0000	.9258	1.0000	5337
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1047.2	P _c ² 1,096,628	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.5636$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.5937$
NO	P _t ²	P _w	P _w ²
1		888.2	788,899
2			
3			
4			
5			

Absolute Open Flow <u>13,843</u> <u>13,843</u> Mcfd @ 15.025		Angle of Slope <u>0.75</u>
Remarks: _____		
Approved By Commission:	Conducted By: <u>James Smith</u>	Checked By: _____

AZTEC OY6.

INITIAL POTENTIAL
STATE 1-A #16

A OF ONE PLACE IS
13,843

DOWN AT BTM. IT IS
SHOWN AS 18843

SHOULD BE 13,843
