

Form C-122
Revised 9-1-61

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		4/1/78		
Company				Connection				Unit				
Continental Oil Company				None								
Pool				Formation				Unit				
South Blanco				Pictured Cliff								
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name				
3/16/78		3000'		2935'				AXI APACHE "J"				
Csg. Size		Wt.		Set At		Perforations:		Well No.				
4 1/2		10.5		4.052		3000'		29				
Tbg. Size		Wt.		Set At		Perforations:		Unit Sec. Twp. Rge.				
1 1/4		2.4		1.38		2868'		A 7 25-N 5W				
Type Well - Single - Bradenhead - G.G. or G.O. Multiple						Packer Set At		County				
Single - G.G.						none		Rio Arriba				
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State				
tbg		100° @ 2993		50°		12.2		N. Mex				
L ₇		H		G _g		% CO ₂		% N ₂		% H ₂ S		
2868		2868		.690						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	Duration of Flow	
SI				710			710		710			
1.	3/4" choke nipple		47			52°	47	52°	345	52°	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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd					
1	11.00		59	1.008	1.204		788					
2.												
3.												
4.												
5.												
NO.	R _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	XXXXXXXXXX						
3.					Specific Gravity Flowing Fluid	XXXXXX						
4.					Critical Pressure	P.S.I.A.						
5.					Critical Temperature	R						
P _c	722	P _c ²	521284									
NO.	P _c ²	P _w	R _w ²	P _c ² - R _w ²	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.107$	(2) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.090$						
1		225	50439	470945								
2												
3												
4												
5												
Absolute Open Flow	859	Mcf @ 15.025	Angle of Slope	Slope n	3	55						
Remarks:												
Approved By Commission:		Conducted By:		Calculated By:		Checked By:						
D.L. Moore		D.L. Moore		D.L. Moore								

CONTINENTAL OIL COMPANY

P. O. Box 460
Hobbs, New Mexico

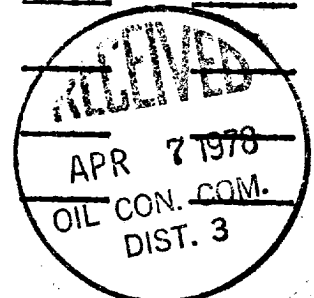
4-6-78

New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

Gentlemen:

In compliance with New Mexico Oil Conservation Commission Rule III, we are submitting below a list of deviation surveys taken on Continental Oil Company's AX1 Apache J No. 29, located Unit Unit A Section T-25N, R-5W, Lea County, New Mexico.

DEPTH	DEGREE	DEPTH	DEGREE	DEPTH	DEGREE
<u>410</u>	<u>1/4</u>				
<u>835</u>	<u>1/4</u>				
<u>1865</u>	<u>1/2</u>				
<u>2453</u>	<u>3/4</u>				
<u>2857</u>	<u>3/4</u>				



Yours very truly,

Ben M. Lee

Subscribed and sworn to before me, a Notary Public, in and for Lea County, New Mexico, this 6th day of APRIL, 1978.

7-4-80
My Commission Expire

BEA-F2LE

Beatrice S. Dellescu
Notary Public