

EXHIBIT NO. 15

COMPANY: The Pure Oil Company

WELL: Jicarilla Apache No. 31

NE/SW, Section 25, Township 24 North, Range 4 West
Rio Arriba County, New MexicoPictured Cliffs Formation Core Data

Well not completed in Pictured Cliffs

Pictured Cliffs Interval Chosen: 3027-3090

Depth (ft)	Sample Footage (ft)	Permeability (md)
3027-3028	1	<0.01
3028-3029	1	<0.01
3029-3030	1	<0.01
3030-3031	1	<0.01
3031-3032	1	<0.01
3032-3033	1	0.01
3033-3034	1	<0.01
3034-3035	1	0.01
3035-3036	1	<0.01
3036-3037	1	0.01
3037-3038	1	0.02
3038-3039	1	0.01
3039-3040	1	0.02
3040-3041	1	0.01
3041-3042	1	0.01
3042-3043	1	0.01
3043-3044	1	0.02
3044-3045	1	0.02
3045-3046	1	0.02
3046-3047	1	0.03
3047-3048	1	0.05
3048-3049	1	0.05
3049-3050	1	0.07
3050-3051	1	0.05
3051-3052	1	0.10
3052-3053	1	0.02
3053-3054	1	<0.01
3056-3057	1	<0.01
3057-3058	1	<0.01
3061-3062	1	0.03
3062-3063	1	0.05
3063-3064	1	0.03
3064-3065	1	0.03
3065-3066	1	0.03
3066-3067	1	0.03
3067-3068	1	0.03
3068-3069	1	<0.01
3069-3070	1	0.02
3070-3071	1	0.04
3071-3072	1	0.03
3072-3073	1	0.04
3073-3074	1	0.05
3074-3075	1	<0.01
3075-3076	1	<0.01
3076-3077	1	<0.01
3077-3078	1	0.03
3078-3079	1	<0.01
3079-3080	1	<0.01
3080-3081	1	0.01
3081-3082	1	0.03

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(continued)

Depth (ft)	Sample Footage (ft)	Horizontal Permeability (md)
3082-3083	1	0.01
3083-3084	1	0.02
3084-3085	1	0.02
3085-3086	1	0.02
3086-3087	1	0.02
3087-3088	1	0.02
3088-3089	1	0.02
3089-3090	<u>1</u>	<u>0.03</u>
	58	1.34

Average laboratory permeability = $\frac{1.34}{58}$ = 0.02 md