

EXHIBIT NO. 13

COMPANY: Skelly Oil Company
WELL: Jicarilla D No. 1

SW/SW, Section 6, Township 23 North, Range 4 West
Rio Arriba County, New Mexico

Pictured Cliffs Formation Core Data

Well not completed in Pictured Cliffs
Pictured Cliffs Interval chosen 2631-2675

Depth (ft)	Sample Footage (ft)	Horizontal Permeability (md)
2631-2632	1	0.21
2632-2633	1	0.30
2633-2634	1	0.21
2634-2635	1	0.13
2635-2636	1	0.72
2636-2637	1	0.55
2637-2638	1	0.30
2638-2639	1	0.72
2639-2640	1	1.67
2640-2641	1	1.11
2641-2642	1	0.85
2642-2643	1	0.81
2643-2644	1	1.63
2644-2645	1	0.55
2645-2646	1	0.64
2646-2647	1	1.03
2647-2648	1	0.55
2648-2649	1	0.47
2649-2650	1	0.38
2650-2651	1	0.38
2651-2652	1	0.21
2652-2653	1	0.47
2653-2654	1	0.30
2654-2655	1	0.38
2655-2656	1	0.55
2656-2657	1	0.04
2657-2658	1	0.21
2658-2659	1	0.38
2659-2660	1	0.47
2660-2661	1	0.21
2661-2662	1	0.21
2662-2663	1	0.04
2663-2664	1	0.04
2664-2665	1	0.13
2665-2666	1	0.21
2666-2667	1	0.30
2667-2668	1	0.30
2668-2669	1	0.04
2669-2670	1	0.04
2070-2071	1	0.04
2071-2072	1	0.13
2072-2073	1	0.21
2073-2074	1	0.04
2074-2075	1	0.04
	<u>44</u>	<u>18.20</u>

$$\text{Average laboratory permeability} = \frac{18.20}{44} = \underline{0.41} \text{ md}$$

COMPANY SKELLY OIL COMPANY DATE ON JUNE 28, 1955 FILE NO. RP-3-1
WELL NO. 1 JICARILLA "D" DATE OFF JUNE 28, 1955 ENGRS. WERNER
FIELD WILDCAT FORMATION PICTURED CLIFFS ELEV. 6895'
COUNTY MIO ARIZONA STATE N. MEXICO DRUG. FLD. WATER BASE MID CORES DIA. C
LOCATION NE SW SW 6 23N 1W REMARKS SERVICE NO. 1

SAND  LIMESTONE  CONGLOMERATE  CHERT 
SHALE  DOLOMITE   

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TABULAR DATA and INTERPRETATION

COMPLETION COREGRAPH



