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RESEARCH LAB

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Company Nebraska Drillers, Inc. Location SE NW Sec. 27 Twp. 12N Rge. 56W File N=318
 Well Beard No. 1 Elevation 4951 KB Remarks: Five feet of oil sand
 Field Wildcat Engineers R. P.
 County Weld State Colorado Type Core Barrel D&S 7 3/4 25.50

Sample Number	Depth Feet	Permeability Millidarcys		Porosity %	Residual Saturation % Pore Space		Probable Production	Remarks
		Horizontal	Vertical		Oil	Water		
1	6226.5	2.3	1.0	15.5	0.0	56.1	None	Fine grain sand, gray, thin shale partings, sli. carb., vertical fracture, low permeability.
2	6227.5	109.	44.	17.9	10.1	27.4	Oil	Fine grain sand, brown, scattered shale nodules, stain and odor, vertical fracture.
3	6228.5	42.	37.	19.0	11.1	30.5	"	Fine grain sand, brown, sli. shaly and carb., stain and odor.
4	6229.5	70.	50.	17.9	11.7	32.4	"	Same as above.
5	6230.5	154.	134.	17.5	10.3	28.0	"	Medium grain sand, brown, stain and odor, vertical fracture.
6	6231.5	116.	86.	16.2	8.6	29.6	"	Medium grain sand, brown, scattered shale nodules, stain and odor.
7	6232.5	2.8	2.7	18.8	0.0	39.9	None	Fine grain sand, gray, sli. shaly, low perm.

AVERAGES FOR THE FIVE FEET OF OIL SAND

PERMEABILITY		POROSITY	OIL	WATER
HORIZONTAL	VERTICAL			
98.	70.	17.7	10.4	29.6