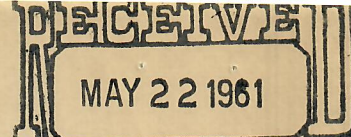




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CORE LABORATORIES, INC.

Petroleum Reservoir Engineering
DALLAS, TEXASOIL & GAS
CONSERVATION COMMISSION

Company J. RAY McDERMOTT Formation "J" SAND Page 1 of 1
 Well # 2 ARMSTRONG Cores DIAMOND CONVENTIONAL File RP-2-2482
 Field DIVIDE CREEK Drilling Fluid OIL EMULSION MUD Date Report 1-25-61
 County LOGAN State COLORADO Elevation 4165 KB Analysts LOSURE
 Location C NW NE SEC. 34 - 9N - 53W Remarks CONVENTIONAL ANALYSIS

CORE ANALYSIS RESULTS

(Figures in parentheses refer to footnote remarks)

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS		POROSITY PERCENT	RESIDUAL SATURATION		PROBABLE PRODUCTION	REMARKS
		HORIZONTAL	VERTICAL		OIL % VOLUME	TOTAL WATER % PORE		
1	4889-90	0.1	0.0	11.7	6.0	90.6		Sandstone, very fine grain, with laminated shale, vertical fracture
2	4890-91	3.6	3.1	13.1	6.9	57.3		Sandstone, very fine grain, with laminated shale, vertical fracture
3	4891-92	0.4	0.0	12.1	12.4	43.0		Sandstone, very fine grain, with laminated shale, vertical fracture
4	4892-93	0.1	0.0	9.2	5.0	79.2		Sandstone, very fine grain, with laminated shale, vertical fracture
5	4893-94	0.4	0.0	9.5	0.0	86.4		Sandstone, very fine grain, with laminated shale, vertical fracture
6	4894-95	0.2	0.0	7.4	0.0	97.3		Sandstone, very fine grain, with laminated shale, vertical fracture
7	4895-96	0.3	0.0	8.5	0.0	83.7		Sandstone, very fine grain, with laminated shale, vertical fracture
8	4896-97	0.6	0.0	11.2	4.5	80.4		Sandstone, very fine grain, with laminated shale, vertical fracture
9	4897-98	0.2	0.0	10.0	0.0	90.0		Sandstone, very fine grain, with laminated shale, vertical fracture
10	4898-99	216	182	16.0	16.3	58.8		Sandstone, very fine grain, vertical fracture
11	4899-4900	175	156	15.0	12.7	59.4		Sandstone, very fine grain, vertical fracture
12	4900-01	222	157	16.5	15.8	53.9		Sandstone, very fine grain, vertical fracture
13	4901-02	187	182	16.6	18.1	44.6		Sandstone, very fine grain, vertical fracture
14	4927-28	0.2	0.0	11.9	0.0	76.4		Sandstone, very fine grain, very silty and shaly, vertical fracture

NOTE:

(*) REFER TO ATTACHED LETTER.

(1) INCOMPLETE CORE RECOVERY—INTERPRETATION RESERVED.

(2) OFF LOCATION ANALYSES—NO INTERPRETATION OF RESULTS.

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