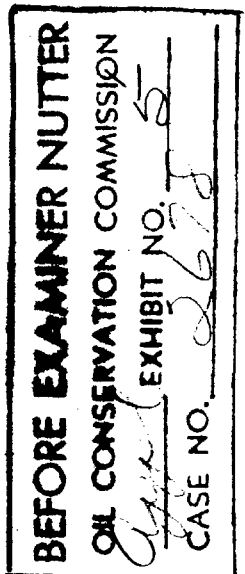


CORE ANALYSIS*
KCL et al No. 3 State "20"
East Saunders Permo-Penn Pool
Lea County, New Mexico

Case No. 2678
Exhibit No. 5A
10/30/63

Porous Interval (Sonic Log) 10,396-10,465
Cored Interval 10,355-10,502
Perforated Interval 10,378-80, 10,396-404, 10,446-51, 10,462-65

Depth** Interval	Footage	Permeability	Porosity	Water Saturation % of Pore Space
10,396-97	1.0	27.6	6.3	27.5
97-98	1.0	29.4	9.2	22.8
98-99	1.0	23.2	8.5	26.5
99-00	1.0	44.1	9.6	22.9
400-01	1.0	346	11.6	24.1
01-02	1.0	338	11.1	40.5
02-03	1.0	164	11.0	29.1
03-04	1.0	51.0	10.1	30.8
10,447-48	1.0	130	7.5	37.3
48-49	1.0	6.7	5.6	42.9
49-50	1.0	32	7.9	35.3
50-51	1.0	1.9	5.2	39.2
10,455-56	1.0	1.9	5.9	33.7
10,463-64	1.0	34	8.7	24.9
64-65	1.0	5.0	7.4	27.6
65-66	1.0	144	9.8	23.9
Net Pay (Core)	16.0			
Net Pay (Sonic)	16.0			
Weighted Averages		86.2	8.5	30.6



*Only those analyses showing over 4% porosity and over 0.1 md permeability are listed.

**Core depth Corrected -5 to correspond to log depth