EARLOUGHER ENGINEERING

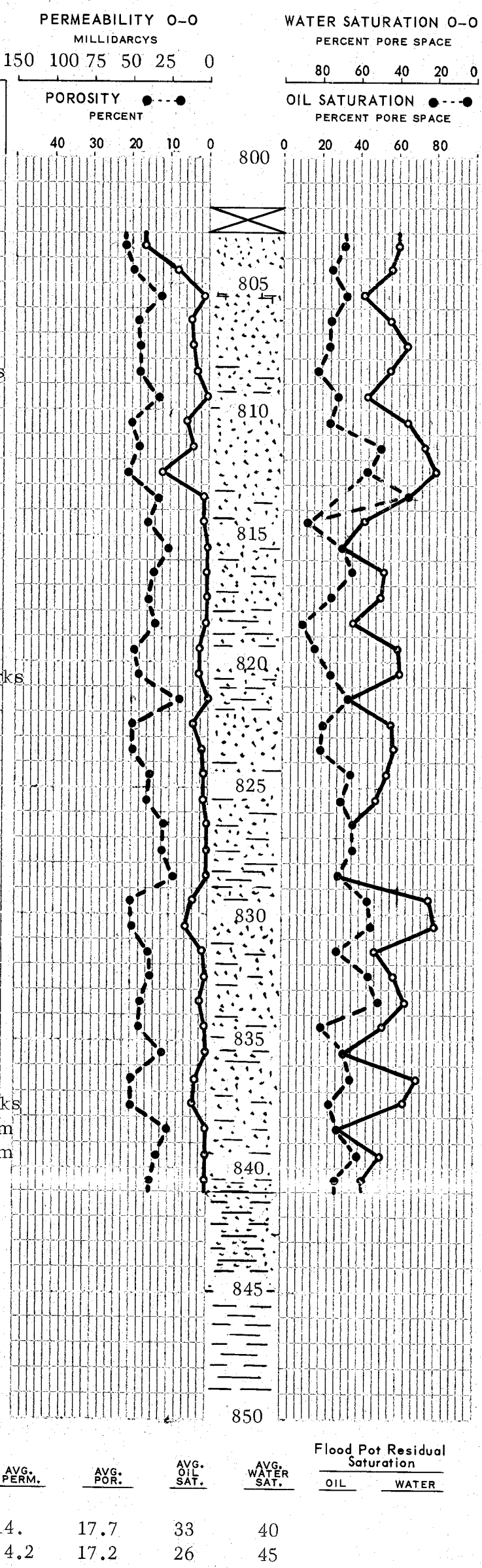
PETROLEUM CONSULTANTS
CORE AND WATER ANALYSIS LABORATORIES

COMPANY SALMON CORPORATION WELL HUNLEY H-32
LOCATION NW SE NW Sec 16-21S-20E FORMATION Squirrel Sand
FIELD _____ DRLG. FLUID Water Base Mud TYPE CORE 2-7/8" Rotary
COUNTY Anderson STATE Kansas ELEV. 1166 Ft GL DATE 1-25-72
REMARKS Cored 803 to 856 Feet

RESULTS OF CORE ANALYSES

SPLE. NO.	DEPTH FEET	PERM. MD.	POROSITY %	CORE SATURATION % PORE SPACE OIL	CORE SATURATION % PORE SPACE WATER	REMARKS
	802					Top sd drilled
1	803-04	42.	21.6	31	40	Sd
2	804-05	21.	19.5	25	43	Sd
3	805-06	2.9	12.5	33	58	Sd sli lmy
4	806-07	12.	18.6	24	44	Sd
5	807-08	11.	18.1	23	36	Sd
6	808-09	7.5	18.1	18	44	Sd/sm sh strks
7	809-10	1.4	13.0	27	57	Lam sd & sh
8	810-11	14.	19.8	23	35	Sd
9	811-12	10.	18.6	50	26	Sd
10	812-13	30.	21.2	43	21	Sd
11	813-14	3.9	13.3	65	35	Lam sd & sh
12	814-15	3.0	15.7	13	58	*Lam sd & sh
13	815-16	0.8	10.6	30	70	*Lam sd & sh
14	816-17	1.7	14.4	35	48	Lam sd & sh
15	817-18	1.6	15.7	25	50	Lam sd & sh
16	818-19	1.4	13.9	10	63	*Lam sd & sh
17	819-20	5.8	19.3	17	41	Lam sd & sh
18	820-21	7.3	18.4	24	39	Sd w/sm sh strks
19	821-22	0.2	7.7	34	66	*Lam sd & sh
20	822-23	8.7	19.5	21	44	Sd
21	823-24	3.6	19.6	19	42	Sd
22	824-25	2.5	15.3	35	46	Shly sd
23	825-26	2.4	15.9	30	52	Shly sd
24	826-27	0.6	11.3	37	63	*Shly sd
25	827-28	0.7	11.9	37	63	*Shly sd
26	828-29	0.1	9.2	29	71	*Sdy sh
27	829-30	8.5	20.1	44	24	Sd
28	830-31	14.	19.6	46	21	Sd
29	831-32	3.0	15.4	28	51	Lam sd & sh
30	832-33	1.9	14.7	45	42	Lam sd & sh
31	833-34	4.3	17.4	50	36	Sd
32	834-35	2.0	17.8	20	47	*Lam sd & sh
33	835-36	0.7	11.6	32	68	*Sdy sh
34	836-37	7.6	19.5	36	30	Shly sd
35	837-38	8.4	19.5	25	37	Sd w/sm sh strks
36	838-39	0.5	10.3	29	71	*Sm sd & sh lam
37	839-40	0.8	13.1	39	49	*Sm sd & sh lam
38	840-41	1.6	14.7	27	52	*Shly sd
	841-45					Broken sd
	845-56					Blk sh

*Exclude from net feet of sand.



SUMMARY

SEC.	FORMATION	Depth, Feet FROM	Depth, Feet TO	FEET OF SAND	AVG. PERM.	AVG. POR.	AVG. OIL SAT.	AVG. WATER SAT.	Flood Pot Residual Saturation OIL	Flood Pot Residual Saturation WATER
	SQUIRREL SAND									
1		802	814	**12	14.	17.7	33	40		
2		816	826	8	4.2	17.2	26	45		
3		829	838	7	6.8	18.0	39	34		
1, 2, 3		802	838	**27	9.3	17.6	32	40		

**Includes 1 foot of sand drilled.