

GODSEY-EARLOUGHER, INC.

PETROLEUM CONSULTANTS
CORE AND WATER ANALYSIS LABORATORIES

36 89 139

COMPANY Ladd Petroleum Corporation WELL Hunley G-31
 LOCATION Section 16-20S-21E FORMATION Squirrel
 FIELD _____ DRLG. FLUID Water TYPE CORE 2" Rotary
 COUNTY Anderson STATE Kansas ELEV. _____ DATE 8-4-75
 REMARKS Cored: 805 - 837 feet. Recovered 27 feet.

RESULTS OF CORE ANALYSES

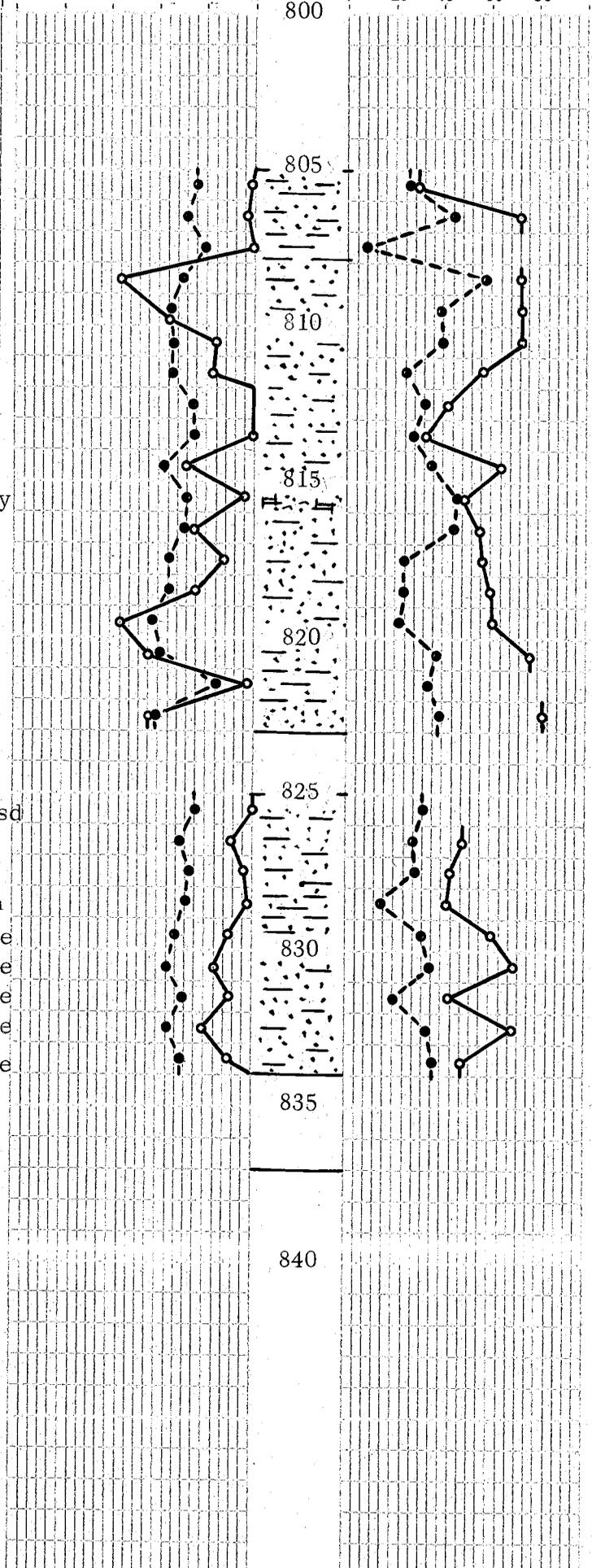
PERMEABILITY 0-0
MILLIDARCYS
25 20 15 10 5 0

WATER SATURATION 0-0
PERCENT PORE SPACE
80 60 40 20 0

POROSITY ●-----●
PERCENT
40 30 20 10 0

OIL SATURATION ●-----●
PERCENT PORE SPACE
0 20 40 60 80

SPLE. NO.	DEPTH FEET	PERM. MD.	POR-OSITY %	CORE SATURATION % PORE SPACE		REMARKS
				OIL	WATER	
1	805-06	0.3	12.2	26	73	*Lam sh & sd
2	806-07	0.7	14.2	45	28	Sd w/sh lam
3	807-08	0.2	10.5	8	92	*Shale
4	808-09	14.	14.8	58	28	Sd, shaly
5	809-10	8.9	17.7	39	27	Sd, shaly
6	810-11	4.0	16.8	40	27	Sd, shaly
7	811-12	4.5	17.1	24	43	Sd, shaly
8	812-13	cracked	12.6	33	58	*Lam sh & sd
9	813-14	0.2	12.5	27	67	*Lam sh & sd
10	814-15	7.0	18.9	35	36	Shaly sd
11	815-16	1.1	14.1	46	51	Limy sd, shaly
12	816-17	6.0	14.4	44	45	Lam shly sd
13	817-18	3.2	17.4	24	43	Lam shly sd
14	818-19	5.9	17.5	23	40	Lam shly sd
15	819-20	14.	20.9	22	39	Lam shly sd
16	820-21	11.	19.5	38	23	Sd, shaly
17	821-22	0.6	8.2	34	66	*Lam sdy shale
18	822-23	11.	20.4	39	18	Sand
	823-25	--	--	--	--	Core loss
19	825-26	-0-	11.8	33	67	*Sdy sh & shly sd
20	826-27	2.3	14.8	28	51	Lam sd & sh
21	827-28	0.9	13.1	29	57	Lam sd & sh
22	828-29	0.5	13.8	15	58	*Sdy shale, lam
23	829-30	2.5	16.3	32	39	Lam sd & shale
24	830-31	4.0	18.1	35	30	Lam sd & shale
25	831-32	2.4	14.6	21	57	Lam sd & shale
26	832-33	5.1	18.1	34	30	Lam sd & shale
27	833-34	2.4	14.8	37	52	Lam sd & shale
	834-37	--	--	--	--	Loss - shale
*Exclude from average.						



SUMMARY

SEC.	FORMATION	Depth, Feet		FEET OF SAND	AVG. PERM.	AVG. POR.	AVG. OIL SAT.	AVG. WATER SAT.	Flood Pot Residual Saturation	
		FROM	TO						OIL	WATER
SQUIRREL SAND										
1	Oil	806	823	13	7.0	17.2	37	34		
2	Oil	826	834	7	2.8	15.7	31	45		
1&2	Oil	806	834	20**	5.5	16.7	35	38		

**Does not include core loss.