

CORE ANALYSIS RESULTS

Company LUCKY LADY, INC. Formation SQUIRREL File 3406-02400
 Well J. C. BROWN NO. 2 A Core Type 3" DIAMOND Date Report 7/21/83
 Field _____ Drilling Fluid WATER BASE MUD Analysts PRITCHARD
 County DOUGLAS State KANSAS Elev. _____ Location SEC. 14-15S-20E

Lithological Abbreviations

SAND - SD DOLOMITE - DBL ANHYDRITE - ANHY SANDY - SDY FINE - FN CRYSTALLINE - ELM BROWN - BRN FRACTURED - FRAC SLIGHTLY - SL/
 SHALE - SH CHERT - CH CONGLOMERATE - CONG SHALY - SHY MEDIUM - MED GRAIN - GRN GRAY - GR LAMINATION - LAM VERY - V/
 LIMESTONE - LM GYPSUM - GYP FOSSILIFEROUS - FOSS LIMY - LMY COARSE - CSE GRANULAR - GRNL MUDGY - MUDGY STYLOLITIC - STY WITH - W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		STB/AC.FT.	SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER		

CONVENTIONAL PLUG ANALYSIS

DEPTH FEET	PERMEABILITY MILLIDARCYs	POROSITY PER CENT	OIL	TOTAL WATER	STB/AC.FT.	SAMPLE DESCRIPTION AND REMARKS
701 - 702						
1 702.0 - 03.0	23.0	22.8	41.3	23.6	1276	sd, slty, shy, cal, mic
2 703.0 - 04.0	33.0	22.8	38.9	28.9	1185	sd, slty, shy, cal, mic
3 704.0 - 05.0	27.0	21.0	33.0	38.6	945	sd, slty, shy, cal, mic
4 705.0 - 06.0	0.5	18.1	24.1	54.8	599	sh, sd lam, cal, mic
706.0 - 08.8						sh, sdy

Drilled TNAU Sand

*700-705 (5')
 shots/ft. 11 shots*

7,000# OIL

T.D 762.4

JACK MURPHY (316) 431-9210

*h 4
 φ 22.2
 S_o 37.7
 S_w 30.4 (27.5)
 $\bar{V} = 167$*

Operator Name Kansas Oil Properties, Inc. Lease Name J.C. Brown Well# 2. SEC. 14. TWP. 14S. RGE. 20. East West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Top soil & Clay	0	42
shale	42	58
lime	58	70
shale	70	74
lime	74	91
shale	91	98
lime	98	107
shale	107	112
lime	112	123
shale	123	143
lime	143	160
shale	160	225
lime	225	230
shale	230	232
lime	232	251
shale	251	267
lime	267	277
shale	277	307
lime	307	317
shale	317	323
lime	323	363
shale	363	368
lime	368	375
shale	375	385
lime	385	407
shale	407	410
lime	410	415
shale	415	419
lime	419	(426)
shale	426	575
lime	575	580
shale	580	594
lime	594	601
shale	601	617

Name	Top	Bottom
lime	617	624
shale	624	637
lime	637	641
shale	641	648
lime	648	652
shale	652	657
lime	657	664
shale	664	670
lime	670	677
shale	677	684
lime	684	692
shale	692	695
lime	695	702
sand	702	707
shale	707	748
lime	748	752
shale	752	763
lime	763	770
shale	770	780

2 1/2" = 767
7.12