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Computer Inventoried

GEOLOGISTS REPORT

for

Ron Scott #2-84

2970 FEL, 4290 FSL

Sec. 25, T9S, R19E

Jefferson County, Kansas

November 1984

by

George E. Petersen C.P.G.S.

DEACON GEOLOGY INC.

professional geologists

GEOLOGISTS REPORT

Ron Scott #2-84

November 9, 1984: Checked on well 9:30 AM,
November 12, 1984: On location at 9:30 AM.
November 13, 1984: Released from location 5:45 AM.

Elevation: 1132 G.L. (Topo est'd)

Formation Tops:	Log Depth GL	Datum	Thickness
Base K.C. Gp.	859	+273	---
Marmaton Gp.	1,002	+130	---
Cherokee Gp.	1,093	+39	---
"Upper McLouth"	1,554	-422	15'
Base "U. McLouth"	1,569	-437	---
"Lower McLouth"	1,591	-459	11'
Base "L. McLouth"	1,602	-470	---
Mississippian Lm.	1,603	-471	---
RTD	1,642		
LTD	1,646		

Sample returns were examined from a drilled depth of 800' to T.D. for the presence of visible hydrocarbons. Formation tops and intervals for this report were picked from the drilling time log, sample returns, and the Radioactive Guard Log. There was no evidence of the presence of visible hydrocarbons in any of the geologic units above the Cherokee Group.

CHEROKEE GROUP:

There were several sands in the Cherokee that appear to show a gas effect on the Neutron Density Porosity cross-plot. The most notable interval is the sand that lies between 1225 and 1240 feet. Tne log appears to show a good gas effect between 1230 and 1234 feet.

There are several other intervals between this sand and the top of the "McLouth Sands" that will warrent further study as possible gas sands.

A very clean coarse grained quartz sandstone was observed in the samples and on the logs between 1536 and 1540. There

was no visible show of hydrocarbons in this interval; however, this sand may contain some gas. Sw calculations for this inteval are presented along with those from the McLouth Sands.

The "Upper McLouth Sand" was reached at a log depth of 1554 feet (-422) and had a thickness of 15 feet. This sand had a very slight show of oil in the cuttings, no odor and only a faint fluorescence. The sand was a medium to coarse grained quartz sand that appears to have a high shale content.

The "Lower McLouth Sand" was topped at a log depth of 1591 feet (-459). This sand is primarily a very coarse grained quartz sand which contained a slight show of free black oil, with a very slight odor and fair fluorescence. Most of the samples in both the Upper and Lower sands were well flushed and thus most of the oil was washed out before the samples were examined.

Log calculations for the un-named sand and the McLouth Sands were prepared on location by Great Guns Personnel using the following values: Rw= .2, M=1.2.

Interval	Ø	Rt	Sw
1536-38	19	7	75
38-40	18	10	68
1554-56	17	9	72
56-58	15	9	81
58-60	12	8	100
60-62	16	7	87
62-64	15	7	91
64-66	15	8	86
66-1568	16	8	80
1594-96	17	12	62
96-98	18	22	40
98-1600	20	26	32
1600-02	16	35	38

A Neutron cross-over was observed on the log from 1597 to 1601. This interval is very similar to that found in the lower sand in the Ron Scott #1-84 and it appears from this information that this well should produce gas.

MISSISSIPPIAN LIME:

The Mississippian samples consisted of a white to tan semi lithographic, very dense limestone along with abundant white tripolitic chert. There was a slight show of free oil but no odor and no fluorescence. There is no potential for the production of hydrocarbons from this interval in this well.

CONCLUSIONS AND RECOMMENDATIONS:

This well is very similar to the Ron Scott #1-84 and should produce gas in comparable quantities. The well is structurally higher than the Ron Scott #1-84 on the Mississippian surface.

The following table gives the relationship of the various zones in this well compared to surrounding wells.

Well Name	Formations					
	B/KC	Marm.	Chero.	U.McLouth	L.McLouth	Miss.
Ron Scott #2-84	+273	+130	+39	-422	-459	-471
Ron Scott #1-84	+266	+129	+28	-436	-476	-491
S. Bracksick	+290	+128	+32	-435	-462	-480

Should additional information be required, please contact me.

Respectfully submitted,

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mrp/GEP