

R. C. BRYAN
PETROLEUM GEOLOGIST

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SAMPLE ANALYSIS REPORT

GEHRKE; #1 PETERS

NE SE 18-16S-4E

DICKINSON CO., KANSAS

By

R. C. BRYAN

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Wichita, Kansas.
October 7, 1955

Mr. John Gehrke,
Route #1,
Herington, Kansas.

SUBJECT: Gehrke; #1 Peters
NE SE 18-16S-4E
Dickinson Co., Kansas.

Dear Sir:

The following is a sample analysis report of the above captioned well:

The well was under geological supervision from 1492 feet to 1695 feet and from 2195 to 2351 rotary total depth.

All formation tops and zones of porosity are based on the derrick floor elevation of 1382.

The following formation tops were determined from sample examination:

TOP OF FORMATION	ELEVATION AND SUB-SEA ELEVATION
Douglas sand section	1574 (-192)
Lansing	1675 (-293)
Chert phase of Penn. Congl.	2296 (-914)
Mississippi "Chat"	2321 (-939)

ZONES OF POROSITY AND STAINING:

Douglas Sand section: Sand, light gray-green, fine to medium grained with poor to fair intergranular porosity. No staining.

STRUCTURAL COMPARISON:

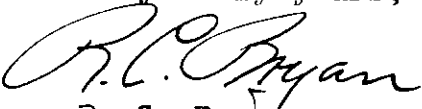
This well is approximately 50' lower than the Kandt wells in section 20 and is 13' higher than the Pack; #1 Ziebell in section 17 and the dry hole in this same section.

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RECOMMENDATION:

Because of the low structural position and the absence of porosity and staining it was recommended that drilling be halted after 30' of penetration and that no pipe be set.

Very truly yours,


R. C. Bryan.

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INFORMATION PERTINENT TO THE DRILLING
of the
GEHRKE: #1 PETERS
Ne Se 18-16S-4E
Dickinson Co., Ks.

Contractor: Slusser Drilling Co., Drillers: Red Chizek
Marion, Kansas Alden Slusser
Walt Hayward

Tool Pusher: Bill Slusser

Spud Date: October 1, 1955 Date of R.T.D. October 6, 1955
8" Surf. set at 110' with No oil string.
75 sacks of cement.

Total Footage Drilled Per Day

110	feet	deep	at	8.00	A. M.	October	2
565	"	"	"	"	"	"	3
1705	"	"	"	"	"	"	4
1965	"	"	"	"	"	"	5
2195	"	"	"	"	"	"	6

No.	Type	Serial No.	From To	Footage
1.	W7	RR	110-510	400
2.	OSC	10474	510-1740	1230
3.	W7	5439	1740-2075	335
4.	OWV	17336	2075-2207	132
5.	OSQ2	RR	2207-2351	144

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NE SE
Section 18-16S-4E

John Gehrke,
#1 Peters

Elevation 1382
Dickinson, Co., Ks.

DEPTH	MINUTES
1' Intervals	
1500-10	3*3-6-5-5-/ 6-2-2-1-2
10-20	1-2-2-1-2-/ 1-8-6-3-3
20-30	5-5-5-5-5-/ 4-5-5-5-6
30-40	5-5-6-4-4-/ 4-4-4-5-4
40-50	4-5-4-3-5-/ 5-1-2-1-1
50-60	3-8-7-4-1-/ 2-1-2-2-2
60-70	2-3-5-3-2-/ 3-3-4-3-4
70-80	3-5-5-5-2-/ 1-2-1-2-1
80-90	2-2-1-1-2-/ 2-1-1-1-1
90-1600	2-1-1-1-1-/ 1-1-1-1-1
1600-10	$\frac{1}{2}$ - $\frac{1}{2}$ -1- $\frac{1}{2}$ - $\frac{1}{2}$ -/ 1- $\frac{1}{2}$ - $\frac{1}{2}$ -1- $\frac{1}{2}$
10-20	$\frac{1}{2}$ - $\frac{1}{2}$ -1-1- $\frac{1}{2}$ -/ $\frac{1}{2}$ -1-1- $\frac{1}{2}$ - $\frac{1}{2}$
20-30	1-1- $\frac{1}{2}$ - $\frac{1}{2}$ -1-/ 1-1- $\frac{1}{2}$ - $\frac{1}{2}$ -1
30-40	$\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ -/ 1- $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$
40-50	1- $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ -/ 1-1-1-1-1
50-60	$\frac{1}{2}$ - $\frac{1}{2}$ -1- $\frac{1}{2}$ - $\frac{1}{2}$ -/ 1- $\frac{1}{2}$ - $\frac{1}{2}$ -1-1
60-70	1- $\frac{1}{2}$ - $\frac{1}{2}$ -1- $\frac{1}{2}$ -/ $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ - $\frac{1}{2}$ -1
70-80	1-1- $\frac{1}{2}$ - $\frac{1}{2}$ -1-/ 3-2-3-3-3
80-90	3-3-3-4-3-/ 3-4-4-4-4
90-1700	4-3-3-3-3-/ 4-3-3-4-4
1700-10	4-3-3-4-4-/ 7-5-4-4-4
10-20	4-5-4-5-5-/ 5-5-5-5-5
2100-10	3-3-6-5-3-/ 5-3-2-2-3
10-20	3-3-3-6-5-/ 7-6-5-4-5
20-30	6-4-4-6-6-/ 6-7-7-7-8
30-40	6-4-3-6-9-/ 8-7-4-2-3
40-50	2-3-3-4-4-/ 6-5-4-5-6
50-60	4-5-6-4-3-/ 3-3-5-3-4
60-70	4-5-5-6-6-/ 5-5-7-4-5
70-80	7-5-5-5-7-/ 7-4-7-7-8
80-90	8-6-5-7-7-/ 7-7-4-3-3
90-2200	3-3-4-5-9-/ 8-8-9-5-6
2200-10	8-8-9-10-9-/ 8-14-7-4-5
10-20	4-6-7-6-2-/ 2-2-3-5-2
20-30	2-4-5-7-7-/ 5-6-6-4-6
30-40	5-6-7-6-7-/ 6-3-3-2-5-
40-50	5-4-2-2-3-/ 6-5-5-6-5

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NE SE	John Gehrke,	Elevation 1382
Section 18-16S-4E	#1 Peters	Dickinson Co., Ks.

DEPTH	MINUTES
2250-60	5-7-5-5-6-/ 4-4-4-4-3
60-70	4-5-6-7-8-/ 7-8-10-3-5
70-80	4-5-3-3-3-/ 3-4-6-5-6
80-90	7-11-5-7-8-/ 8-8-4-2-2
90-2300	4-3-4-5-4-/ 3-3-2-3-2
2300-10	2-3-3-4-2-/ 5-3-4-3-5
10-20	3-4-4-5-4-/ 4-5-3-2-3
20-30	1-1-2-1-2-/ 2-2-2-3-4
30-40	3-3-3-1-1-/ 2-1-1-1-2
40-50	2-1-2-1-1-/ 1-1-1-1-2
50-51	2 R.T.D/ 2351