

33-15-11W  
SW SW NW

LEE H. CORNELL  
*Petroleum Geologist*  
PHONE AMHERST 2-3921  
706 ORPHEUM BUILDING  
WICHITA 2, KANSAS

May 9, 1963

Glickman Oil Co.  
702 So. St. Francis  
Wichita, Kansas

Re: No. 1 Kyner  
SW SW NW Sec. 33-15S-11W  
Russell County, Kansas.

Gentlemen:

Drilling progress at the above captioned well was observed from 3200' to total depth. Samples were saved and examined from 2800' to total depth. The samples were delivered to the Kansas Well Sample Bureau and a cut ordered for you.

MISCELLANEOUS DATA

Contractor: Glickman Oil Co.  
Surface Hole: May 1, 1963, evening tour.  
Rotary Drilling Completed: May 7, 1963, at 2:07 p.m.  
Surface Casing: 8 5/8" at 307', cemented with 200 sacks.  
Oil String: 5 1/2" at 3300', cemented with 100 sacks.  
Centralizers: 3294' and at 2nd and 4th joints off bottom.

FORMATION TOPS  
Elevation 1843' K.B.

Top Anhydrite	713	(+1130)
Base Anhydrite	742	(+1101)
Topeka	2629	(- 786)
Heebner	2871	(-1028)
Brown Lime	2964	(-1121)
Conglomerate	3271	(-1428)
Arbuckle	3290	(-1447)
Total Depth	3310	(-1467)

STRUCTURAL POSITION

On top of the Arbuckle No. 1 Kyner is 6 feet higher than the west offset, 7 feet lower than the diagonal southwest offset and flat with the other nearest wells to the south and southwest. It is from 11 to 17 feet higher than the other two wells in the pool. On top of the pay it is 3 feet higher than the west offset.

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No. 1 Kyner

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TOPEKA SECTION

2820 - 2840 Limestone, oolitic and oolitic, scattered dark staining.

TORONTO SECTION

2896 - 2901 Limestone, medium crystalline, some poor intercrystalline porosity, fair to good staining.

LANSING SECTION

2979 - 2988 Limestone, chalky and oolitic, some scattered staining in oolitic limestone.

3011 - 3021 Limestone, highly oolitic, no staining.

3051 - 3054 Limestone, oolitic, no staining.

3080 - 3084 Limestone, oolitic, rare, faint staining.

CONGLOMERATE SECTION

3271 - 3290 Red and gray shales, some vari-colored, partly oolitic chert.

ARBUCKLE SECTION

3290 - 3300 Dolomite fine grained, sucrosic, poor porosity, some white, medium crystalline dolomite, poor intercrystalline dolomite, faint odor, small show of free oil, fair to good staining.

Halliburton DST #1: 3290 - 3300', open 1/2 hr., weak blow; recovered 5 feet of mud. ICIP 658#/30 mins; FCIP 324#/30 mins; IFP 8#; FFP 12#.

3300 - 3005 Dolomite, as above.

3305 - 3310 Dolomite, medium to coarse crystalline, cherty, good intercrystalline porosity, good odor, good show of free oil and good staining. Some pieces of dolomite with no staining.

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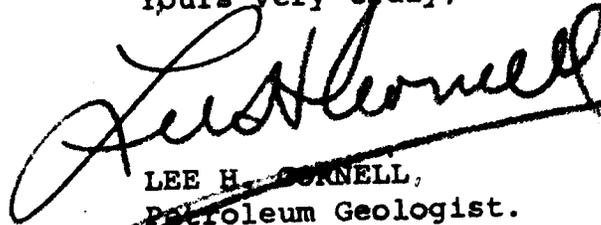
No. 1 Kyner

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Halliburton DST #2: 3295 - 3310', open 1½ hours, weak, steady blow for 1½ hours; recovered 195 feet of muddy oil (Gravity 37 at 72 degrees). ICIP 1060#/30 mins; FCIP 991#/30 mins; IFP 8#; FFP 102#.  
(This is a slightly better recovery than in S & C No. 1 Borell, one location west)

Because of the favorable structural position of the Arbuckle and the positive DST, it was recommended that an oil string be run at 3300'.

Yours very truly,



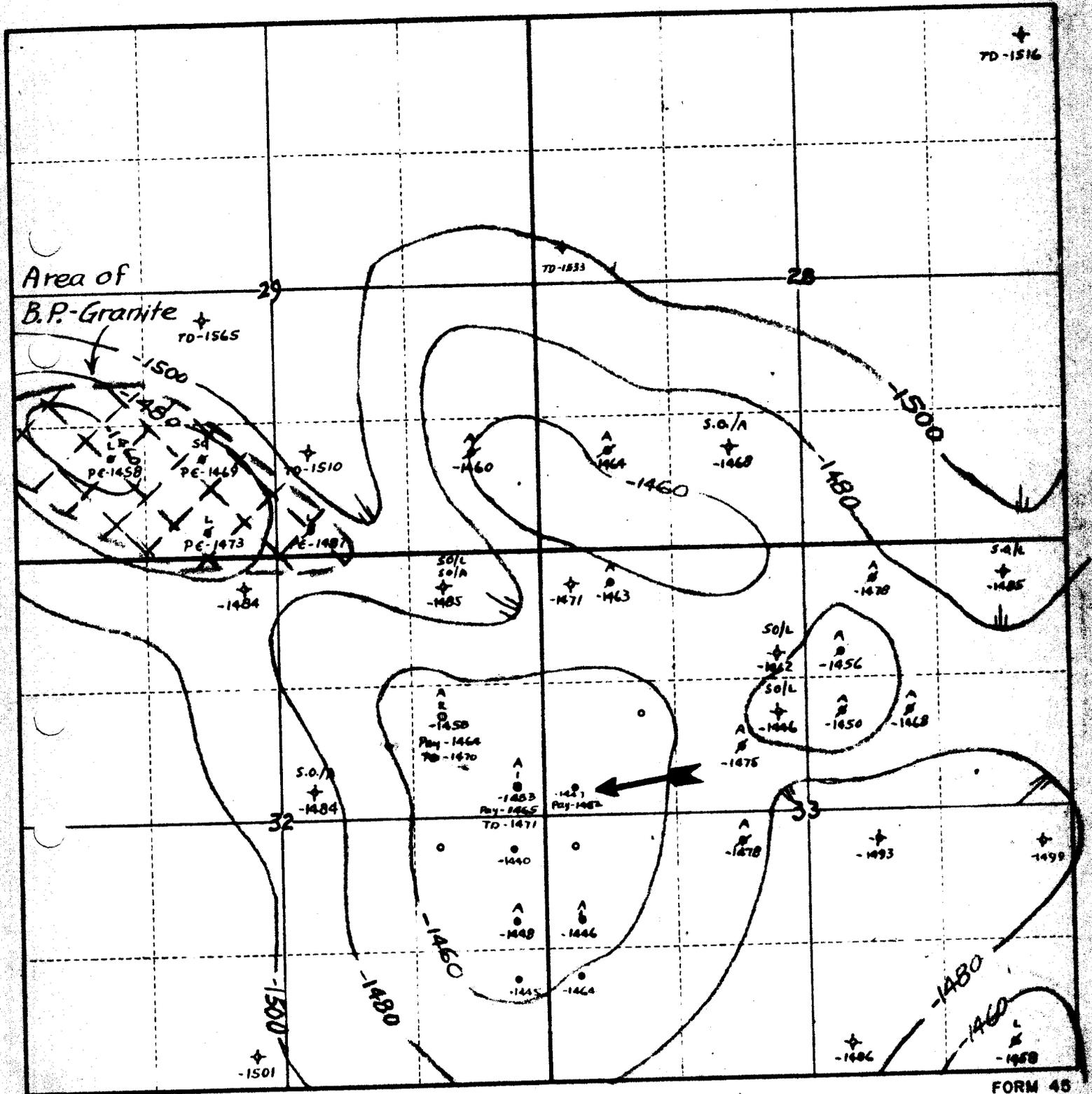
LEE H. CORNELL,  
Petroleum Geologist.

LHC/mlb  
encls.

Glickman Oil Co.  
Kynar #1

33-15-11W  
SW SW NW

Township 15 Range 11W County Russell State Kansas



FORM 45

Base of the Pennsylvanian  
Contour Interval - 20 ft.  
By Lee H. Cornell - Jan. '63

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SW SW NW Sec. 33-15S-11W

Russell County, Kansas

BIT RECORD

<u>No.</u>	<u>Make</u>	<u>Type</u>	<u>Depth</u>	<u>Footage</u>	<u>Hours</u>
1	Security	S3J RT	307 - 1310	1003	11 3/4
2	Smith	DT 2G RT	1310 - 1700	390	8 3/4
3	Reed	YTL J RT	1700 - 1885	185	6 1/2
4	Security	M4N RT	1885 - 2292	407	14 1/4
5	Hughes	OSC J RT	2292 - 2675	383	12
6	Varel	Y 2	2675 - 2863	188	10
7	Reed	YS 1	2863 - 3095	232	15
8	Hughes	OWV	3095 - 3300	205	18
9	Security	M4N	3300 - 3310	10	3/4

DAILY PROGRESS

May 1 Surface hole Daylight Tour  
2 TD 307 WOC  
3 TD 1700 trip  
4 Drilling 2205  
5 Drilling 2775  
6 TD 3095 trip  
7 TD 3300 DST #1