KANSAS GEOLOGICAL SOCIETY

KANSAS WELL LOG BUREAU — KANSAS WELL SAMPLE BUREAU
KANSAS GEOLOGICAL SOCIETY BUILDING
508 EAST MURDOCK - WICHITA, KANSAS

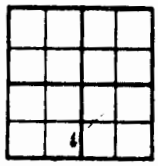
COMPANY WYCOFF BROS.

SEC. 22 T. 13 R. 30W
LOC. 200' N E½ SE SW

FARM Downard NO. 1

COUNTY Gove

KANSAS



TOTAL DEPTH 4530'
COMM. 11-21-64 COMP. 12-10-64
SHOT OR TREATED
CONTRACTOR Terrell Drlg.
ISSUED 10-8-66

CASING

20	10		
15	8 "	128'	cem w/ 85 sx
12	6		
13	5		

ELEVATION 2868' KB

PRODUCTION Dry (Miss)

FIGURES INDICATE BOTTOM OF FORMATIONS

COMPLETE DRILLERS LOG NOT AVAILABLE

TOPS: SMP

Anhydrite	2280
Heebner	3853
Toronto	3872
Lansing	3891
Base Kansas City	4180
Marmaton	4203
Pawnee	4297
Fot Scott	4365
Cherokee	4395
Mississippi	4455
Total Depth	4530

22-13-30W

LEE H. CORNELL
Petroleum Geologist
TELEPHONE AMHERST 2-3921
ORPHEUM BUILDING
WICHITA, KANSAS, 67202

December 16, 1964

Wycoff Brothers
Russell Springs, Kansas

Re: No. 1 Downard
C E/2 SE SW, 22-13-30W
Gove County, Kansas

Gentlemen:

Drilling progress at the captioned well was observed from 3880' to total depth. All samples were examined at the well and the sample bags were delivered to the Kansas Well Sample Bureau in Wichita.

MISCELLANEOUS DATA

Contractor: Terrel Drilling, Rig No. 1
Surface Hole: November 21, 1964
Surface Casing: 8 5/8" set at 126', cemented with 85 sacks.
Abandoned: December 4, 1964
Drill Stem Tests: Four by Reinhardt's Services, Russell, Kansas.
Electric Log: None

FORMATION TOPS (By samples & drilling time)

Elevation: 2868' KB

Anhydrite	2280	+ 588
Heebner	3853	- 985
Toronto	3870	-1002
Lansing	3891	-1023
Stark Sh.	4118	-1250
Base KC	4185	-1317
Marmaton	4203	-1335
Pawnee	4297	-1429
Ft. Scott	4367	-1499
Cherokee Sh.	4395	-1527
Mississippian	4455	-1587
Total Depth	4530	-1662

STRUCTURAL POSITION

On top of the Anhydrite, on various Pennsylvania beds and on Marmaton-Cherokee beds, No. 1 Downard is from 3 to 5 feet lower than No. 1 Eklna, one half mile south. On the Mississippian, No. 1 Downard is 7 feet lower than No. 1 Eklna. The high structural position of No. 1 confirms the seismic work in the

LANSING-KANSAS CITY SECTION

3926-30: Limestone, finely oolicastic and oolitic, poor porosity, light, spotted staining.

3976-80: Limestone, dolomitic and cherty, no odor, rare show of dark, free oil, scattered staining.

Reinhardt DST No. 1, 3958-4016: Open 1 hour, recovered 2100' mud and water. ICIP 470#/ 30 min., FCIP 1030#/ 30 min. IFP 150#, FFP 1030#.

4106-1 Limestone, oolicastic, very poor porosity, no odor, rare show of free oil, rare spotted staining.

4140-44: Limestone, oolitic and oolicastic, cherty, fair odor, small show of free oil, fair staining.

Reinhardt DST No. 2, 4118-4150: Open 1 hour, recovered 60' of slightly oil cut mud and 60' of very slightly oil cut thin mud. ICIP 1300#/ 30 min., FCIP 910#/ 30 min. IFP 70#, FFP 95#.

PAWNEE SECTION

4301-04: Limestone, finely oolitic and oolicastic, no odor, rare show of free oil and rare stains.

FT. SCOTT & CHEROKEE SECTIONS

No shows of oil were noted in these sections.

MISSISSIPPIAN SECTION

4455-66: Limestone, gray coarse crystalline, abundant, fresh, blue white chert. No show of oil.

4466-80: Dolomitic limestone, cherty (weathered in part) faint odor, no free oil, fair to good staining, good fluorescence.

Reinhardt DST No. 3, 4155-4180: Open 65 minutes, recovered 130' of drilling mud. ICIP not taken, FCIP 1720#/ 30 min. Flow Pressures, zero.

4480-4520: Limestone, dolomitic in part, abundant white to blue white, fresh chert, some white tripolitic chert. No odor, no free oil.

Reinhardt DST No. 4, 4480-4520: Open 60 min., weak blow for 45 minutes, recovered 60' of mud with a few specks of oil. ICIP not taken, FCIP 1180#, Flow Pressures, zero.

22-13-30w

4520-30: Limestone, cherty, no show of oil.

Because of the lack of good shows of oil and the negative drill stem tests, it was recommended that No. 1 Downard be plugged and abandoned.

Yours very truly,

Lee H. Cornell

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