33-31-5W

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

COMPANY WALTERS DRLG & OIL PROPERTY MANAGEMENT

SEC. 33 T. 31 R. 5W
LOC. NW NE NW

FARM Ioerger NO. 1

COUNTY Harper

KANSAS

TOTAL DEPTH 4662
COMM. 7-9-66 COMP. 8-9-66
SHOT OR TREATED
CONTRACTOR Walters Drlg.
ISSUED 9-24-66

CASING

20 10
15 8 5/8" @ 210' w/150 sx.
12 6
13 5

ELEVATION 1332'KB

PRODUCTION DRY (Simp)

FIGURES INDICATE BOTTOM OF FORMATIONS

0 - 213	Surface Clay and Shale
213 - 800	Shale
800 - 1130	Shale and Lime Streaks
1130 - 2057	Lime and Shale
2057 - 2205	Shale
2205 - 2480	Shale and Lime Streaks
2480 - 2625	Shale and Lime
2625 - 2785	Shale
2785 - 2912	Shale and Sand Streaks
2912 - 2995	Shale and Lime
2995 - 3370	Shale
3370 - 3638	Shale and Lime
3638 - 3900	Lime
3900 - 3985	Lime and Shale
3985 - 4070	Lime
4070 - 4219	Lime and Shale
4219 - 4251	Lime and Chert
4251 - 4345	Lime
4345 - 4395	Lime and Chert
4395 - 4520	Lime
4520 - 4557	Lime and Shale
4557 - 4640	Shale and Lime
4640 - 4657	Shale and Sand
4657 - 4662	Sand
4662	Rotary Total Depth - D & A

TOPS: SAMPLE

Elgin Sand	2804
Heebner	2982
Stalnaker Sd	3304
Kansas City	3577
B/Kansas City	3803
Marmaton	3875
Cherokee	4005
Mississippi	4198
Kinderhook	4544
Simpson	4650

The undersigned, Robert F. Walters, hereby certifies, in behalf of said company that the above log is a true and correct log of the formations encountered in drilling the above well as reflected by the Daily Drilling Reports.

WALTERS DRILLING CO.

BY Robert F. Walters