

15-163-02222-0000

DRILLERS' LOG

NAME: #5 Wait ELEVATION: 2174 GR
 2177 DF
 2180 KB

LOCATION: SW/4 SW/4 NE/4 Sec. 32-106-20W
 Rooks County, Kansas

OPERATOR: Heathman-Seeligson Drilling Co. DATE SPUDDED: 11-23-54

CONTRACTOR: Heathman-Seeligson Drilling Co. ROTARY COMPLETED: 12-3-54

CASING RECORD: 8 jts. 8-5/8" 8. thd. used cas. ROTARY TOTAL DEPTH: 3742'
 @ 155.71'. Cemented w/100 sacks
 cement, 1 Calcium chloride.
 Cement Circulated.

OIL STRING: 5 1/2" OD, 8rd. thd. 14#, J-55 Smls
 csg. cemented at 3741' w/100
 sacks cement by Sun Cementing Co.
 Plug down 6 AM 12-3-54

GEOLOGICAL TOPS (KB)

Anhydrite	1633 (-4547)
Heebner	3414 (-1234)
L. Kansas City	3450 (-1270)
Base Kansas City	3671 (-1491)
Conglomerate	3704 (-1524)
Simpson	3720 (-1540)
Arbuckle	3739 (-1559)
R.T.D.	3742'

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LOG

(Figures indicate bottom of formation.)

Clay, Sand & Shale	0 - 155
Shale & Shells	680
Shale, Shells & Sand	1128
Sand	1350
Shale & Red Bed	1635
Anhydrite	1675
Shale & Shells	2165
Broken Lime	2290
Lime & Shale	2980
Broken Lime	3040
Broken Lime & Shale	3150
Lime & Shale	3496
Lime	3660
Lime & Shale	3690
Lime	3742
R.T.D.	3742'

The undersigned, H. D. Shreve, of Heathman-Seeligson Drilling Co., hereby certifies 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.

HEATHMAN-SEELIGSON DRILLING CO.

By: *[Signature]*

Subscribed and sworn to before me this 7th day of December, 1954.

[Signature]
 Notary Public

My Commission Expires June 28, 1956.