

9-31-14W

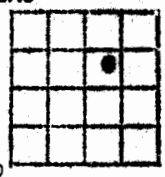
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company - *W* J. M. HUBER CORPORATION
Farm - H. H. Roark No. 1

SEC. 9 T. 31 R. 14 W
NE SW NE

Total Depth. 4590'
Comm. 6-9-45 Comp. 11-23-45
Shot or Treated.
Contractor. J. M. Huber Corp.
Issued. 12-8-45

County. Barber
KANSAS



CASING:
10 3/4" 803'
5 1/2" 4590'

Elevation. *1643*
1443.2

Production. Phy. Pot. Flo. 124 BOFD
4,274 MCF

Figures Indicate Bottom of Formations.

surface soil & red bed	40	3975-81'	good por., uniform lgt staining.
red beds & shells	230	4076-80'	fair por., possible lgt. spotted staining.
red beds & shale	490		
shale & shells	620	Maquokata	
shale red & shells	765	cored	4325-28 Dolomite, trace por.
shale & shells	1455		4328-38' rec. 5'0"
salt, shale & shells	1720		5'0" Dolomite, cherty
lime brkn & shale	1815		spotted por. & spotted gas staining.
lime & shale	1980	HDST	4328-48 Open 10 min., rec. gas in 2 min. Had good flow of gas @ end of 10 min.
lime & sand strks	2055		
lime & shale	2160		
cherty lime	2188	Crystalline Viola	4584
lime & shale	2191	Simpson	4447
lime sdy & shale	2300	Arbuckle	4563
lime & shale	2425		Porous, no shows.
lime brkn	2495		
lime & shale	2810		Drilled cement to 4585' Ran Lane Wells radioactivity log which went to 4583'.
shale & shells	2860		Lane Well Formation Tops: Lansing 3762
shale & lime	3169		Lin Viola 4367
shale & lime brkn	3235		Simpson 4471
lime	3330		Arbuckle 4576
shale & lime	3655	Perf.	4/4581-82' FU 500' WIH/1 hr. 1500' WIH/3 hrs.
lime, shale & sand	3715		Lane Wells plug w/top @ 4572'
shale	3731	"	11/4530-34 2 BWPH/2 hrs.
sand	3743	"	9/4522-26 5 BWPH
sand & shale	3753		Lane Wells plug @ 4410
lime	3901	"	5/4365-67 no shows
sand	3957	"	9/4364 1/2-66 1/2 small sh oil, no wtr, 25 gal. oil 3 hrs.
lime	4085	"	12/4363-65 Bailed 15 BO/13 hrs., no wtr.
lime & chert	4110	"	12/4361-63 no increase.
lime	4235	"	6/4360-61 increase in oil. Bailed 2 1/2 BOH/2 hrs.
lime & shale	4328	"	6/4359-60 Set overnight, filled up 1750' OIH/12 hrs. Estimated 3 to 4 BOFH Natural.
lime	4364		
lime & chert	4455		Put on pump & pmpd 15 BO/24 hrs. - would not pump right.
sand & shale	4500		Pulled rods & tbg & swbd 25 BO/6 hrs. Ran Pilot on tbg. & treated w/500 acid (1300# to 800#) using 150 BO load.
sdv shale & shale	4540		Flowed load back & flowed 45 BO/2 1/2 hrs. w/3,500 MCF gas.
shale	4550		Shut in 13 hrs. pressured up to 1500#. Flow 29.92 BO/6 hrs. & 40 min. w/100# flowing press. Set high press. separator
shale & sand	4570		& on 10-17-45, flowed 117 BO/24 hrs. w/est. 3,000 MCF.
lime	4590		
Total Depth.			

Sample Tops:
Douglas formation 3640
Douglas Sand 3731-33
Cored 3733-43
HDST 3733-53
Lansing 3762
3850-56

On Potential - 11-23-45 - Flow 41.4 BO/8 hrs., through 1" tbg. choke, through high Press. separator - Gas gauged 4,274 MCF. Phy. Pot. flow 124 BOFD. Complete.

Rec. 9'6"
8'6" sand, fine, fair por, Lgt. stain good odor.
1'0" shale, drk gy.
Open 15 min., rec. 330' salt wtr w/sli. show gas.
(sample correction)
trace good por., fair stain, no odo.