

KENNETH L. CHASEY
PETROLEUM GEOLOGIST
550 SOUTH YALE
WICHITA, KANSAS

July 22, 1954

Re: Stag et al #1 Dresher
NE NE SE 18-19-1W,
McPherson County, Kansas

Stag Drilling Company
Chase, Kansas

Dear Sirs:

The following is a geological report on the drilling of the subject well from 3007 feet to total depth.

Samples were saved from 3007 feet to total depth. They were examined at the well and have been turned over to the Kansas Well Sample Bureau. One foot drilling time was recorded from 3007 feet to total depth, and the original time sheets are enclosed. All measurements are from the top of the rotary bushings.

The formational tops, shows of oil, and other pertinent data are listed below.

Contractor: Stag Drilling Company
Spud date: 7-7-1954
Surface pipe: 8 5/8" at 140 feet
Elevation: 1577 R. B.

Mississippi Chat: 2947 (-1370)

Note: The well was in the Chat when drilling was resumed at 3007 feet. It consisted of white, cotton rock and streaks of finely crystalline dolomite. There was only a trace of staining, which may have been caving

Mississippi
Lime: 3030 (-1453)

Kinderhook: 3188)-1611(

Viola: 3456 (-1879)

#1 Dresher

Note: The Viola consisted of cream, white, and buff coarsely crystalline limestone and fine to medium crystalline dolomite with fair porosity at the top but no show of oil.

Simpson:

3497 (-1920)

Sand; 3497 (-1920) to 3508

Coarse, round, frosted sand in clusters with no porosity and no show of oil.

Sand; 3515 (-1938) to 3520

Medium coarse, rounded grains in clusters with fair to good porosity and dead oil residue.

Sand; 3552 (-1975) to 3560

White, coarse, angular to rounded with scattered fish fragments and no porosity.

Arbuckle:

3560 (-1983)

Note: The Arbuckle was white fine to coarse crystalline dolomite with little porosity and no show of oil.

Total depth: 3565 (-1988)

As the Arbuckle has not produced oil or gas in this pool area, and the well was structurally low, there did not appear to be any necessity of additional penetration, and the well was abandoned as a dry hole.

Respectfully submitted,

Kenneth L. Chesley

KLC/vc

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Time Log

Stag #1 Dresher
 NE NE SE 18-19-1W,
 McPherson County, Kansas

<u>Footage</u>	<u>Minutes per foot</u>	<u>Remarks</u>
3007-10	1-1-1	
-20	1-1-2-2-2-1-2-2-2-2	
-30	1-1-2-2-4-3- $\frac{1}{2}$ -1 $\frac{1}{2}$ -2-3	
-40	8-6-5-5-7-x-x-6-7-6	Kelly correction
-50	6-8-6-6-4-4-4-6-4-2	
-60	4-6-8-7-7-5-3-5-2-4	
-70	5-4-3-4-3-5-6-5-5-4	
-80	8-3-2-7-4-6-2-2-3-8	
-90	7-6-8-4-5-4-2-4-3-4	
-00	2-4-4-9-7-7-8-9-9-11	
3100-10	12-10-7-7-8-9-10-11-11-12	
-20	10-6-7-10-9-5-10-14-15-15	Pipe stuck & new
-30	6-10-5-8-7-6-9-11-10-11	bit @ 3120
-40	10-9-7-8-9-8-7-9-9-9	
-50	9-8-10-10-11-11-23-11-8-9	
-60	9-9-8-9-7-8-8-9-7-8	
-70	7-7-7-7-7-7-7-8-7-7	
-80	8-8-7-6-7-8-8-8-9-9	Lost circulation
-90	4-8-7-6-6-8-6-6-3-5	@ 3186
-00	4-4-4-3-5-3-5-4-4-5	
3200-10	5-3-4-4-5-5-4-6-4-4	
-20	5-4-5-3-4-4-4-6-3-6	
-30	5-3-5-5-5-4-4-5-4-4	
-40	5-4-4-5-4-4-6-4-3-4	
-50	5-3-5-3-4-2-5-5-4-4	
-60	3-3-4-3-3-3-5-3-5-4	
-70	4-4-3-5-3-4-3-4-4-3	
-80	4-3-4-4-5-4-3-4-3-4	
-90	4-5-5-5-5-6-7-6-5-6	
-00	6-4-3-3-4-4-2-5-5-2	
3300-10	4-4-4-4-3-4-3-4-5-4	
-20	4-3-4-3-4-3-4-3-4-3	
-30	4-3-4-3-3-4-4-3-3-2	
-40	3-2-3-3-3-4-3-4-4-3	
-50	3-4-3-4-3-3-4-4-3-3	
-60	3-4-3-3-4-3-3-3-3-3	
-70	3-4-3-3-4-4-3-3-3-3	
-80	5-4-5-4-5-6-5-3-3-4	
-90	3-6-6-6-3-3-4-3-5-2	
-00	4-4-4-4-3-4-3-4-3-3	

#1 Dresher

3400-10 3-3-5-5-6-6-5-4-5-4
 -20- 5-4-5-5-5-3-5-5-4-3
 -30 4-4-4-4-5-3-4-3-4-4
 -40 3-4-4-3-4-3-4-3-4-4
 -50 3-4-3-5-5-5-4-4-5-5
 -60 4-9-4-5-4-4-6-6-8-5
 -70 6-9-4-5-6-8-9-6-8-9
 -80 9-8-9-9-8-10-9-9-10-10
 -90 10-10-10-7-9-9-8-6-9-8
 -00 10-11-8-11-11-9-8-6-5-6
 3500-10 5-3-5-4-4-3-2-2-5-10
 -20 18-51-50-39-27-4-3-3-4-4
 -30 7-8-4-2-6-9-7-9-11-12
 -40 10-9-10-12-13-9-5-9-10-6
 -50 11-12-11-10-13-14-15-15-14-10
 -60 10-11-7-6-7-5-5-6-8-8
 -65 9-12-16-15-16

Circ. 45 min. @ 3448

Circ. 1/2 hr. @ 3462
 New bit @ 3467

Circ. 3/4 hr. @ 3508
 New bit @ 3514
 Circ. 3/4 hr. @ 3522

Total depth: 3565
 Dry & abandoned