SEC. 1

TWP. 6 S. RGE. 18 W.

WELL NO. 1

LEASE Southard

COMPANY Eldorado Ref.

ELEV. 1870

PROD.

COMMENCED 1-6-18 COMPLETED

T. D. TOOLS

CASING RECORD

LOGGED BY D.T. Lawless

REMARKS

1
6
18

100

200

300

400

70 Clay, wh., brwn., hard to soft, micaceous
Sand, clear Mgrain angular, pyritic

500

Sh., wh. gray, brwn, sandy
Sand, frosted, coated, angular Sh, brown + gray
Sh, wh. grag, brown; sandy, lumpy, pyritic
Sand, angular, unsorted, oxidized
Sh, red + grn, banded, hard, lumpy

600

Sand, oxid, fine, angl, even grained Sh, red, grn.
Siltst, red, grn Siderite concretions
Sand, wh, same

700

98 Clay, wh. to gray with concr.
15 Sand, same
Clay, gray, grn, sandy, pyritic, with concr.
47 Sand, oxid. to clear, micaceous, fine, even grained, pyritic
82 glauconitic

800

charred wood
43 Clay, wh, silty
Sand, wh to oxid, frosted, ang-sub round, F-M grain

900

Clay, red, sandy
66 Sand, oxid, frosted, F-M grained, sub round

1000

Cimarron 1030 / 1870 / +840
Sand, red, frosted, F grain 80% Clay, red, sandy 20%
Pyrite 50%
Sand, red, frosted, F-M grain Sh + Clay, red 40%

1100

96 Clay
13 Sand 50% Clay 50%
17 Clay
36 Sand 70% Clay
47 Clay
15 Sand 80% Clay
19 Clay

1200

37 Sand 50% Clay 50%
42 Sand 90%
50 Clay

1300

44 Dolo, gray, fxl, chunky
47 Clay, spongy, sandy
74 Clay, red + grn banded
84 Shale, red, shiny, fissle 50%
94 Clay
Clay, laminated
1400 82 Clay, red + grn banded
47 Gypsum 10%
54 Clay, red + grn, sandy

1500

30 Conglomeritic red clay with sand, siltst, gyp, and red + grn sh inclusions
25 Clay, light gray grn, spongy
52 Clay, light + dark grn, brwn, silty, micaceous. Gyp 20%
61 Siltst, red brwn, mica, Sh, red, grn Gyp

1600

65 Sh, red, waxy 20%
75 Gyp 40%
87 Siltst, red, brwn Sh, red, grn 40%

1700

Gyp 50%
Herrington 1750 / 1870 / +120
Dolo, gray-tan, dense, impure, Fxl to shaly Siltst, gray, red, brown, grn Sh, light bright grn, blk

1800

Dolo, banded, shaly Sh, red, grn, purple
09 Sh., purple 60% Ch, orange
25 Sh, gray 60%
Sh, red, grn, purple
48 Dolo, light gray, hard, dense, platy, shaly Sh, grey, calcerous
62 Siltst, red, wh, shaly, micaceous, gyp
83 Sh, grn, blk 60%
Siltst, red Sh, grn, red

1900

85 Siltst. red
Sh. grn. gray 10% red 20%
Ft. Riley 1950 / 1870 / -80
Dolo, grey, spongy, F granular, gypsif, with blk FeS spots

2000

11 Sand, dolomitic, buff, VF grained
21 Ls, wh. dull Sh + Siltst, calcerous + dolo, red Sh, gray grn
75 Sh, varicolored, red, grn, gray
Ch, blk, glassy
93 Sh. red, dull, calcerous Sh. grn waxy Sh. gray grn

2100

Siltst, yellow, brwn
19 Ls, wh-gray, Fxl, soft, dull Dolo, buff, hard, Fxl Sh, gray
Sh, same
53 Sh, varicolored
76 Ls, buff, dull Sh, red, grn, calcerous
Dolo, buff, impure

2200

Sandst, wh, VF even grained, $CaCO_3$ cement Sh, red, dark grn
15 Ls, wh, Fxl, soft, gypsif Sh, red, pale grn
35 Dolo, wh, dull, Fxl
Ls, wh-gray, Fxl, spongy, gysif, V fossilif. (fusilinids)
54 Sh.
79 Ls, wh, blk, fussil Sh.
Ch, blk

2300

09 Ls, wh, Fxl, dense, chunky, fossil Sh.
64 Ls, wh, buff, blk, same

2400

82 Ls, gray to blk, buff, same, ch.
64 Ls, gray, buff, cryst, fossil

2500

43 Ls, gray, buff, F-Mxl, hard, dense, fossil
Sh, various colors
85 Sandst, light gray, VFG, mica.

2600

77 Dolo, buff, hard, Fxl

2700

15 (Very large fossil.)
25
61 Ls, same, (glauconitic)
73
83 Sh, blk, very fissle
92

2800

63 Ls, buff, F-Mxl, fossil. Ch, buff, dull

2900

06 Ls, buff, Fxl, hard, very dense 30%
20
36 Ch, buff, dull 10% Ch, wh, dull, oolitic 10% Sh, blk, gray
Ls. gray, buff, crpt, fossil, weathered
Sh. red, gray, blk

3000

Lansing 3045 / 1870 / -1175
45 Ls, wh, oolitic, oolcastic
55 Ls, buff, gray, F-Mxl, dense, fossil Ch, wh, dull

3100

Ls, same Sh, red, gray

3200

Ch, gray
93 Ls. gray to buff, Fxl, fossil Sh, gray, grn, purple, blk
42 Sand, clear to frosted, M-C grained
73 Dolo, grey-buff, Fxl, sucrose Sh, blk.
94 Sh. gray

3300

93 Ls, wh, red, F-Mxl, fossil Sh, red, gray

Simpson 3384 / 1870 / -1514

Sand, frosted-clear, F grained Ch, gray, dense
82 Sh, vari-colored, soapy, grn, yellow grn.

3400

Arbuckle 3418 / 1870 / -1548
17 Dolo, buff, F-Mxl
58 Ch, wh, opq, oolitic
64
74 T.D. 3474