WELL PLUDDING RECORD

Norton
County, Sec. 23
T625
R6E
W (W)

Location as "NE/CNWSW" or footage from lines C-S/2 NW SE.

Name of Conservation Agent who supervised plugging of this well:

Producing formation:

Depth to top: Bottom: Total Depth of Well: 3653 Feet

OIL, GAS OR WATER RECORDS

<table>
<thead>
<tr>
<th>FORMATION</th>
<th>CONTENT</th>
<th>FROM</th>
<th>TO</th>
<th>SIZE</th>
<th>PUT IN</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>8 5/8&quot;</td>
<td>208</td>
<td>none</td>
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Casing Record:

<table>
<thead>
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Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Layed down 4 1/2 drill pipe. Set 1st plug @400. Displaced 20 sks. cement thru D. P. Set 2nd plug @200. Displaced 20 sks. cement thru D. P. Set top plug @40 w/1/2 sack Hulls - 10 sks. cement thru barrel.

Name of Plugging Contractor: Murfin Drilling Company

Address:

STATE OF KANSAS    COUNTY OF SEDGWICK

W. R. Murfin (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the leg of the above-described well as filed and that the same are true and correct. So help me God.

(Signature)

Subscribed and sworn to before me this 18th day of February, 60.

My commission expires 11/9/19 - 63
Well Log

Company: Murfin Drilling Company

Farm: Kemper

No.: 4

Sec.: 23

T.: 5

R.: 21W

Loc.: G-6/2 NW SE

County: Norton

Kansas

TOTAL DEPTH: 3653

Comm.: 1-23-60

Comp.: 1-30-60

Shot or Treated: Murfin Drilling Company

Casing:

20: 16
15: 8 5/8" w/170 sks.
12: 6
13: 5

FIGURES INDICATE BOTTOM OF FORMATIONS

208 12 1/4" Surface
865 Shale
1330 Shale Sand
1525 Sand
1690 Shale
1797 Shale-Shells
1830 Anhy.
2115 Shale-Shells
2360 Shale-Lime-Shells
3570 Lime & Shale
3650 Shale-Lime-Sand
3653 Arb.

Geological Tops:

Topeka: 3192-984
Heebner: 3362-1154
Toronto: 3388-1180
Lansing-Kansas C: 3404-1196
Base Kansas C: 3594-1386
Arbuckle: 3645-1437
Reagan Sand: 3651-1443
Total Depth: 3653-1445

DST #1: 3646-50. Open 1 hr. Rec'd 9' mud. Tool plugged.
DST #2: 3642-50. Open 1/2 hr. Rec'd 5' mud. Tool plugged.
DST #3: 3646-53. Open 1 hr. Rec'd 62' watery mud. IF'0', FF 0', BHP 680#/20 min.

Received
State Corporation Commission
FEB 23 1960
Conservation Division
Wichita, Kansas
2-23-60

State of Kansas

County of Sedgwick

I, W. R. Murfin, of the Murfin Drilling Company upon oath state that the above and foregoing is a true and correct copy of the log of the Kemper #4 well.

Subscribed and sworn to before me this 18th day of February 1960.

My Commission Expires: 11-19-63

Walter M. Murfin
Notary Public