WELL PLUGGING RECORD

Decatur County, Sec. 9, Twp. 25, Rge. 27 NW

Location as "NE/4SW1/4" or footage from lines
NW SE

 Lease Owner  Murfin Drilling Company
 Lease Name  CATHCART
 Office Address 617 Union Center, Wichita, KS 67202
 Character of Well (Completed as Oil, Gas or Dry Hole)
 D&A

Date Well completed  March 12 1979
Application for plugging filed  March 12 1979
Application for plugging approved  March 12 1979
Plugging commenced  March 12 1979
Plugging completed  March 12 1979
Reason for abandonment of well or producing formation
 D&A

If a producing well is abandoned, date of last production
19

Was permission obtained from the Conservation Division or
its agents before plugging was commenced?  yes

Was permission obtained from the Conservation Division or
its agents before plugging was commenced?  yes

Name of Conservation Agent who supervised plugging of this well
Gilbert Balthazor

Depth to top 700'  Total Depth of Well 3866'

OIL, GAS OR WATER RECORDS

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>CONTENT</th>
<th>FROM</th>
<th>TO</th>
<th>SIZE</th>
<th>PUT IN</th>
<th>PULLED OUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st plug @ 1100' w/70 sx, 50-50 posmix, 6% gel</td>
<td>2nd plug @ 200' w/20 sx, 50-50 posmix, 6% gel</td>
<td>3rd plug @ 40' w/10 sx, 50-50 posmix, 6% gel</td>
<td>5 sx in rat hole</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

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.

Name of Plugging Contractor  Murfin Drilling Company

STATE OF KANSAS  COUNTY OF SEDGWICK  ss.

Wm. S. Shropshire of Murfin Drilling Company (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 log of the above-described well
as filed and that the same are true and correct. So help me God.


SUBSCRIBED AND SWORN TO before me this 29th day of March 1979

Sandra Kay May  Notary Public.

My commission expires

SANDRA KAY MAY
NOTARY PUBLIC
Butler-County, Kansas
My Appt. Exp. 1-5-80
Well Log

Company: Murfin Drilling Company
Farm: CATHCART
No. 1

Reg. No. 9
T. 25 N.
R. 27 W.
Loc. NW SE

County: Decatur
KANSAS

Total Depth: 3866'
Comm. March 5, 1979
Comp. March 12, 1979
Contractor: Murfin Drilling Company

Elevation:

Production:

20
15
12
13
10

8'-5/8" @ 201' w/165 sx.

Figures indicate bottom of formations:

86'
205'
2061'
2095'
2495'
3165'
3530'
3690'
3830'
3966'

Surface, Clay & Sand
Ochra, Black Shale
Sand & Shale
Anhydrite
Sand & Shale
Shale
Shale & Lime
Lime & Shale
Shale & Lime
Shale, Lime & Granite

State of: KANSAS
County of: SEDGWICK

Wm. S. Shropshire
of the Murfin Drilling Company

upon oath state that the above and foregoing is a true and correct copy of the log of the CATHCART #1 well.


Subscribed and sworn to before me this 29th day of March 1979

My Commission Expires: 6-5-79

Sandra Kay May
NOTARY PUBLIC
Butler-County, Kansas
My App't Exp. 6-5-79

Sandra Kay May