WELL PLUGGING RECORD

Osborne  County. Sec. 22  Twp. 8  Rge.  (E)  14 (W)

Location as "NE/CNWSW" or footage from lines. NW NW NW
Lease Owner. Cities Service Oil Co.
Lease Name. Dowen  Well No.
Office Address. Bartlesville, Oklahoma

Character of Well (completed as Oil, Gas or Dry Hole) dry hole
Date well completed. 8/17
Application for plugging filed. 8/19  19.57
Application for plugging approved. 8/20  19.57
Plugging commenced. 8/18  19.57
Plugging completed. 8/18  19.57
Reason for abandonment of well or producing formation

If a producing well is abandoned, date of last production

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

Name of Conservation Agent who supervised plugging of this well Mr. Milton Galvard
Producing formation.  Depth to top. Bottom. Total Depth of Well. 4085 Feet

Show depth and thickness of all water, oil and gas formations.

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>
<th>PULLED OUT</th>
</tr>
</thead>
<tbody>
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<td></td>
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<td></td>
<td>8-5/8&quot;</td>
<td>237&quot;</td>
<td>none</td>
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Casing Record

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.

Filled hole to 230' with mud, 1/2 ex hulls and Howco plug at 230', 5' rock on plug. Mixed and dumped 20 ex cement on the rock. Mud to 40' of surface, 1/2 ex hulls and Howco plug, 10 ex cement to surface.

Date. 9-3-59

Name of Plugging Contractor. Peal Dril. Co.
Address. Hoisington, Kansas

STATE OF KANSAS, COUNTY OF BARTON

Roy J. Turner (employee of owner) 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.

(Signature) Box 58, Russell, Kansas

Subscribed and sworn to before me this 23rd day of August, 1957.


Notary Public.

PLUGGING
FILE SEC. 22 T 8 R 1940
BOOK PAGE 30 LINE 6
WELL RECORD

WILDCAT

DISCOVERY

POOL

COMPANY: Cities Service Oil Co. WELL #: 1 FARM:

LOCATION: 330' S, 830' E of NW Cor., Section 22, Township 9, Range 14 W.

ELEV.: 1845 (1840 Gr.) CO.: Cawrane STATE: Kansas


PERFS.

FRAC.

ACID: None

T.D.: 4085' PBT

GRAV/GOR

DRLG. COMM.: July 30, 1957 COMP.: August 16, 1957 CONTRACTOR: Glenn V. Peel

CASING RECORD:

8-5/8" at 237' with 175 oz. cement.

FORMATION RECORD:

shale and shales
shale
shale & streaks sand
red rock and pyrite
sand
red rock and pyrite
red bed and sand
anhydrite
shale
shale and lime
lime and shale
shale and lime
lime and shale
lime
lime and shale
lime
lime and shale
shale and lime
shale and chert
lime, shale and chert
chart
lime, shale and chert
cored line (rec. 4')
line
lime and shale
lime
T.D.

Topeska 2814
Heebner 3054
Dodge 3079
Lansing 3102
Base Kansas City 3410
Viola 3657
Simpson 4086
Arabable 4049
Pew. 36'
T.D. 4085

B.S.T. 3053-60, open 1 hour, rec. 45' thin mud; B.H.P. 1520 in 30 minutes.
B.S.T. 3092-3115, open 30 minutes, rec. 9' mud; B.H.P. 73' in 30 minutes.
B.S.T. 3125-85, open 30 minutes, rec. 15' mud; B.H.P. 58' in 30 minutes.
B.S.T. 3447-65, open 30 minutes, rec. 6' mud; B.H.P. 6' in 30 minutes.
B.S.T. 3477-96, open 30 minutes, rec. 10' mud; B.H.P. 8' in 30 minutes.
B.S.T. 3520-35, open 30 minutes, rec. 10' mud; B.H.P. 18' in 30 minutes.
B.S.T. 3560-90, open 30 minutes, rec. 18' mud; B.H.P. 56' in 30 minutes.
B.S.T. 3672-3740, open 30 minutes, rec. 1520' salt water; B.H.P. 1278 in 30 minutes.

SLOPE TESTS (SYFO):

500' - 1'
1000' - 2'
2000' - 1'
2500' - 0'

7-7/8' Rotary hole.