WELL PLUGGING RECORD

Sheridan County, Sec. 15 Tp. 6 Rg. 27 (E), 302 (W)
Location as "NE/4W/NE/4SW" or footage from lines.
Lease Owner: Continental Oil Company
Lease Name: Adell LKC Unit
Office Address: Box 267, Great Bend, Kansas 67530
Character of Well (completed as Oil, Gas or Dry Hole): oil
Date well completed: 19
Application for plugging filed: 19
Application for plugging approved: 19
Plugging commenced: October 13 and 19.76
Plugging completed: November 3
Reason for abandonment of well or producing formation: depleted
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
Producing formation:
Depth to top: 10
Bottom: 10
Total Depth of Well: 3798 Feet
Show depth and thickness of all water, oil and gas formations.

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<th>FORMATION</th>
<th>CONTENT</th>
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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.

Sanded back to 3500' and dumped 5 sacks of cement.
Sun cementing Company plugged well pumping in 4 sacks of Huls, 16 sacks of gel and 150 sacks of cement.

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(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor: PIPE PULLERS, INC.
Address: Box 125, Ellinwood, Kansas 67526

STATE OF KANSAS, COUNTY OF BARTON, SS.

(Revised)

Evelyn Roth

(Employee or 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.

(Signature) Evelyn Roth

Ellinwood, Kansas

Subscribed and sworn to before me this 9th day of November, 1976

JENNY KASSELMAN

NOTARY PUBLIC

BARTON COUNTY, KANSAS

MY COMM. EXP. JULY 16, 1978

Notary Public.
Date Spudded: June 23, 1944
Drill Complet Ion: July 9, 1944
Potential taken: August 25, 1944
Loc: 330'S and 990'W of N. E.
corner of Sec. 11, T6S, R27W,
Sheridan County, Kansas

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Elevation 2824'
Top of Topeka Lime 3234'
Top of Kansas City Lime 3604'

Drilled to 3729' with rotary tools.

Elevation 3794'9" of 6"OD 15# BRT Grade "J-55" Seamless casing; ran 6"OD BRT "Jarkin" male and female float collar and 6"OD BRT "Jarkin" guide shoe; set at 3265'; cemented with 300 sacks of Portland Lone Star cement (Halliburton method).

7/17/44 - Drilled cement to 3729' - hole filled 2635' with water.
7/18/44 - Drilled out cement plug and tested for leak in 6"OD casing with Halliburton plug method.
7/20/44 - Drilled cement to 3768' and formation took 2 1/2 bbls. of water per minute under 600# pressure.
7/22/44 - Ran 23' tubing and cemented with 200 sacks of Ideal Portland cement under 2,000# pressure; 185 sacks of cement went behind casing.
7/25/44 - Drilled cement out of casing from 3645' to 3729'.
7/27/44 - Ran Lane-Wells Gamma-Ray and Neutron log survey, finding the following porous zones: 3610' to 3616'; 3640' to 3644'; 3650' to 3661'; 3671' to 3681'; 3680' to 3686'; 3690' to 3701'; 3704' to 3707'; 3713' to 3718'. Perforated 6"OD casing with 12 shots from 3701' to 3706' with Lane-Wells gun perforator.
7/28/44 - Hole filled 1,000' with oil and 800' with water in 12 hours. Bailed hole and exhausted water and hole filled 2000' with oil. Swabbed 20 bbls. oil in 4 hours.
7/31/44 - Perforated 8"OD casing with Lane-Wells gun perforator as follows: 3604' to 3620' with 60 shots; 3640' to 3644' with 50 shots; 3650' to 3673' with 12 shots; 3665' to 3691' with 24 shots; 3701' to 3706' with 24 shots. Hole filled with oil to within 429' of top.
8/1/44 - Swabbed 253 bbls. of oil in 8 hours.
8/3/44 - Ran 22' tubing and Lane-Wells Hock wall packer to acidize.
8/4/44 - Acidized through 23' tubing with 1,500 gallons of Dowell acid from 3663' to 3691'; maximum pressure 900#; minimum pressure 500#. Pressure dropped 200# in 1 minute after completion of treatment. Swabbed 80 bbls. of oil and 200 bbls. of water in 8 hours. Prior to acidizing this zone, produced 2 1/2 bbls. of oil per hour.
8/7/44 - Lowered packer to 3701' and swabbed 62 bbls. of oil and 83 bbls. of water in 6 hours from 3701' to 3706'.
8/8/44 - Raised packer to 3665' and swabbed 19 bbls. oil, no water, per hour from 3666' to 3673'. Apparently top packer did not hold.
8/10/44 - Swabbed 145 bbls. oil and 170 bbls. water in 4 hours at 2300' below.
8/13/44 - Set Baker cement retainer at 3677'; squeezed two bottom perforations with 100 sacks of Portland Red Ring cement under 1900# pressure, 5 sacks of cement returned through tubing.
8/15/44 - Swabbed 86 bbls. oil in 4 hours.
8/19/44 - Set packers at 3604' 3620' and acidized through 2½" tubing
with 500 gallons of Dowell acid; maximum pressure on casing 700#; on
the tubing 550#; pressure equalized at 550#; pressure dropped 250# in
1 minute after completion of treatment. Swabbing 66 bbls. oil in 1½
hours. Hole is full of oil.

8/25/44 - Established a 24 hour physical potential of 1,097 bbls. of
oil, by pump.

F.B.T.B. 3677' in Kansas City Lime - producing from Kansas City Lime.

Note: Footages calculated from pumping derrick floor level, except
formations.

I, the undersigned, being duly sworn upon oath, state that this
Well Record is true, correct and complete according to the records of this
office and to the best of my knowledge and belief.

District Superintendent

Subscribed and sworn to before me this 20th day of October, 1944.

Notary Public

My commission expires October 21st, 1944.

FILE-HPD
10-20-44
IPC 3
File