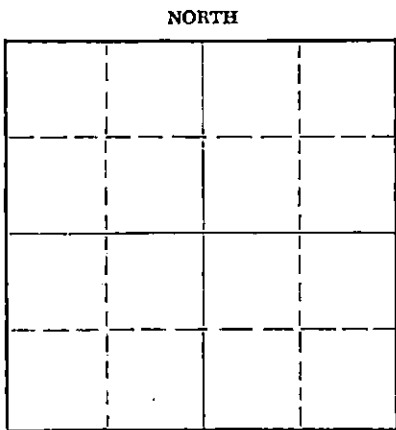


15-009-19410-00-00

WELL PLUGGING RECORD



Barton County. Sec. 5 Twp. 16 Rge. 13 (E) W. (W)
Location as "NE/CNW&SW&" or footage from lines 330' S. & 330' E. of NW Cor.
Lease Owner Cities Service Oil Company
Lease Name Bitter "A" Well No. 1
Office Address Box 144, Great Bend, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed July 12 19 37
Application for plugging filed August 31 19 60
Application for plugging approved August 31 19 60
Plugging commenced September 1 19 60
Plugging completed September 8 19 60
Reason for abandonment of well or producing formation Depleted formation

If a producing well is abandoned, date of last production November 3 19 59
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 Donald Truan
Producing formation Arbuckle Depth to top 3297' Bottom 3307' Total Depth of Well 3307' Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				10-3/4"	360'	None
				7"	3280'	1584'
Liner put in at 3257' to 3307', 5-3/16"					50'	None

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.

3307-3200', sand.
3200-3180', 5 sacks cement.
3180- 350', mud.
350- 340', rock bridge.
340- 280', 30 sacks cement.
280- 30', mud.
30- 25', rock bridge.
25' to base of cellar, 10 sacks cement.

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STATE CORPORATION COMMISSION
SEP 14 1960
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor C. E. Shull Casing Pulling Co.
Address Great Bend, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.
H. J. Lucchi (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.

(Signature)

Box 144, Great Bend, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 13th day of September, 19 60

My commission expires March 13, 1963.

Notary Public.

WELL RECORD

Company Empire Oil & Refg. No. 1 Farm Bitter
 Location SSO'S - SSO'E of NW Corner Sec. 5 Twp. 16 Rge. 13W

Elevation _____ County Barton State Kansas

Date Commenced: 5-18-37

Date Completed: 6-18-37

Initial Production 2083 oil, Tracen wtr. 34 hrs. (acid.)

Drld. by J.F. Mabey T.L. 3307'

Casing Record:

10 3/4" 360' Cem. w/ 300 exs.

7" OD 3230' Cem. w/ 250 exs.

Formation:	Depth:
shale and shells	98
sand	134
shale	180
shale and shells	408
iron pyrite, shells and sand	433
sand and shale	490
red beds	630
red beds, shale	829
shale	833
anhydrite lime	872
shale	880
shale and shells	1202
shale	1365
salt	1384
shale and shells	1668
lime	1690
shale and lime shells	1815
lime	2027
lime and shale	2115
lime	2148
lime and shale	2293
shale and shells	2473
lime and shale	2608
lime	2638
shale	2680
lime	2718
lime and shale	2760
S.L.M. Corr.	2760-3765
lime	3031
shale	3035
shale (cored)	3045
lime and shale (cored)	3047
S.L.M. Corr.	3047-3050
lime and shale (cored)	3054
lime	3067
S.L.M. Corr.	3067-3070
lime	3080

Formation:	Depth:
lime very soft	3091
(Good por. and light sat. 3091)	
lime	3121
lime cored	3131
broken lime	3137
lime	3147
lime cored	3211
lime broken	3221
lime	3236
lime (cored)	3253
shale (cored)	3286
lime (cored) (no recovery)	3289
lime	3291
green shale and lime	3294
lime	3297
Dolomite	3307
(oil 3302-04')	

600' oil in 3 3/4 hrs.
 1300' oil in 7 3/4 hrs.
 1600' oil in 10 3/4 hrs.
 1800' oil in 13 3/4 hrs.
 2000' oil in 16 3/4 hrs.
 2200' oil in 21 3/4 hrs.
 2700' oil in 26 3/4 hrs.

Top Oswald 3047'
 Top Eros. Arbuckle 3234'
 Top Solid Arbuckle 3297'

Sylve Record:

330'	O.K.
1600'	1/2"
2000'	0
2500'	0

Acidized with 2000 gals.

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 STATE CORPORATION COMMISSION

MAY 22 1963

CONSERVATION DIVISION
 Wichita, Kansas