

15-169-00934-00-00

STATE OF KANSAS RECEIVED
STATE CORPORATION COMMISSION

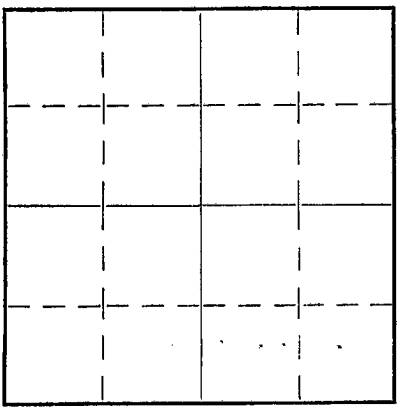
WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mall or Deliver Report to:
Conservation Division
State Corporation Commission,
800 Bittling Building,
Wichita, Kansas

FORMATION PLUGGING RECORD

Strike out upper line
when reporting plug-
ging off formations.

NORTH



Locate well correctly on above
Section Plat

Saline County. Sec. 10 Twp. 16 Rge. 3 (E) W (W)
Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines. NW of SE

Lease Owner: S. A. Murphy
Lease Name: Thelander
Office Address: 606 Brown Bldg, Wichita, Kansas
Character of Well (Completed as Oil, Gas or Dry Hole): dry
Date, well completed: Dec 5 1937
Application for plugging filed: Jan 19 1937
Application for plugging approved: Jan 20 1937
Plugging Commenced: Jan 25 1937
Plugging Completed: Jan 31 1937
Reason for abandonment of well or producing formation: dry

If a producing well is abandoned, date of last production: 1937
Was permission obtained from the Conservation Division or its agents before plugging was com-
menced? yes

Name of Conservation Agent who supervised plugging of this well:
Producing formation: Depth to top: Bottom: Total Depth of Well: 3525 Feet
Show depth and thickness of all water, oil and gas formations.

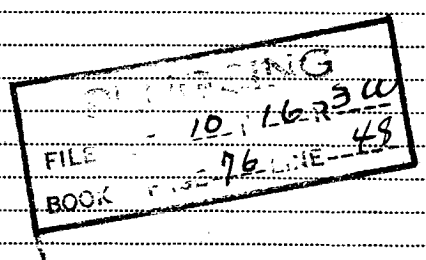
OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled Out
				15 1/2	440	all
				12 1/2	1331	all
				10	1895	all
				8	2590	all
				6	3000	all
				5	3466	3366

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.

This was cemented from 3525 to 3325 and was filled with mud to 3000 ft. pipe was pulled and cap plug put in at 440 feet with 15 sacks of cement on top and filled with mud to top and capped with 5 sacks cement.



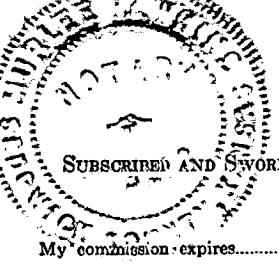
(If additional description is necessary use BACK of this sheet)

Correspondence regarding this well should be addressed to:
Address: S. A. Murphy, 606 Brown Bldg., Wichita, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.
S. A. Murphy (employer 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) S. A. Murphy
606 Brown Bldg. (Address)

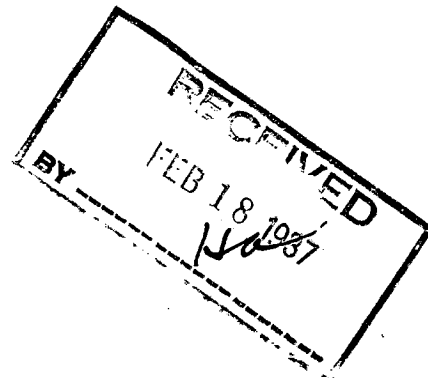


Subscribed and sworn to before me this 17th day of February, 1937.
February 5, 1941
Maurice Faulstich
Notary Public.

15-169-009341-00-00

S. A. MURPHY
CABLE AND ROTARY DRILLING CONTRACTOR
PHONE 5-2343 606 BROWN BUILDING
WICHITA, KANSAS

February 17, 1937



State Corporation Commission
800 Bitting Bldg.
Wichita, Kansas

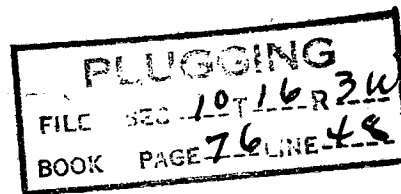
Gentlemen:

Enclosed please find well plugging record on the
Tehlander # 1 located in Section 10-16-3 Saline
County, Kansas.

Yours truly,

S. A. Murphy

By *M. Hawkins*

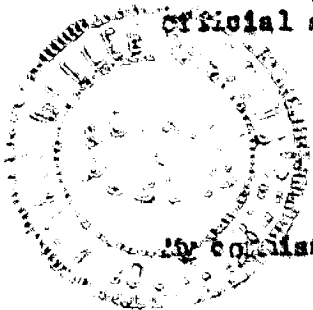


15-169-60934-00-00

State of Kansas)
)SS
County of Cowley)

BE IT REMEMBERED, That on this 12th day of December 1936, before me, a Notary Public in and for said County and State, personally appeared James Norris, known to me to be the identical person, and acknowledged to me that he executed the same as his free and voluntary act and deed and for the uses and purposes set forth.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal the day and year last above written.



W. L. P.
Notary Public

My commission expires October 5, 1940

Rehlander # 1 - NE 1/4 of Sec 10-16-3 Saline County, Kansas

Company - Jas. A. Brouk et al

Contractor - S. A. Murphy

Commenced - May 23, 1936

Completed to Siliceous Lime - December 9, 1936

Total Depth - 3525

15-169-009341-00-00

Casing record:

15 1/2" 440'
 12 3/8" 1336'10"
 10" 1372'9"
 8 1/4" 2310'
 U.R. to 2595
 6 5/8" 2908'4"
 U.R. to 3000
 5" 3466

FORMATION	DEPTH	FORMATION	DEPTH
Clay	2- 25		
Red Rock	25- 55		
Blue Slate	55- 70	Lime	1170-1180
Blue Shale	70- 115	Red Rock	1180-1185
1 1/2 B.W. 85		Blue Shale	1185-1202
Grey Shale	115- 130	Grey Shale	1202-1225
Blue Shale	130- 140	Lime	1225-1232
Blue Slate	140- 175	Grey Shale	1232-1240
Blue Shale	175- 235	Lime	1240-1245
Sand	235- 255	Grey Shale	1245-1265
H.F.W. 240		Lime	1265-1272
Blue Shale	255- 265	Shale Dark	1272-1315
Blue Slate	265- 270	Lime	1315-1336
Lime	270- 275	1336'10" of 12 1/2"	
Blue Shale	275- 300	Lime	1336-1340
Lime	300- 305	Shale Blue	1340-1360
White Slate	305- 315	Shale	1360-1365
Blue Slate	315- 330	Lime	1365-1375
Shale	330- 340	Shale Dark	1375-1395
Lime	340- 345	Lime	1395-1410
Blue Shale	345- 355	Shale	1410-1420
Lime	355- 360	Lime	1420-1435
Grey Shale	360- 370	Shale	1435-1455
Blue Slate	370- 390	Lime	1455-1465
Red Rock	390- 395	Red Rock	1465-1470
Blue Shale	395- 410	Shale	1470-1480
White Slate	410- 425	Lime	1480-1485
Blue Shale	425- 430	Red Rock	1485-1490
Grey Shale	430- 447	Blue Shale	1490-1495
440' of 15 1/2"		Blue Shale	1495-1515
White Slate	447- 510	Lime	1515-1525
Lime	510- 575	Dark Shale	1525-1540
Light Shale	575- 590	Blue Shale	1540-1550
Lime	590- 605	Lime	1550-1565
Light Shale	605- 620	Hole Caving 1565	
Broken Lime	620- 650	Blue Shale	1565-1607
Lime	650- 655	Lime	1607-1635
White Slate	655- 660	Blue Shale	1635-1675
Red Rock	660- 665	Lime	1675-1725
Lime	665- 685	Shale Blue	1725-1730
Blue Shale	685- 695	Lime	1730-1735
Lime	695- 700	Lime	1735-1780
Blue Shale	700- 705	Shale	1780-1785
Slate	705- 710	Lime	1785-1800
Lime	710- 740	Dark Shale	1800-1815
Black Slate	740- 745	Lime	1815-1865
Blue Shale	745- 790	Hole Caving	
Red Rock	790 - 795	Lime	1865-1965
Lime	795- 810	1872'9" of 10"	
Blue Shale	810- 815	Blue Shale	1965-1970
Slate	815- 860	Shale	1970-1980
Lime	860- 870	Shale Lime Broken	1980-1985
Shale	870-895	Lime	1985-1995
Red Rock	895- 925	White Slate	1995-2000
5 B.W. Hr. 925		White Shale	2000-2005
Lime	925- 960	Red Rock	2005-2010
Shale Black	960- 965	Blue Shale	2010-2030
Lime	965- 973	Blue Shale	2030-2105
Lime	973- 1065	5 B.W. 2100	
Blue Shale	1065-1075	Sdy Shale	2105-2120
Lime	1075-1085	Shale Blue	2120-2185
Black Shale	1085-1090	Lime Hard	2185-2205
Lime	1090-1097	Lime	2205-2270
Blue Shale	1097-1125	Sand	2270-2300
Black Slate	1125-1140	H.F.W. 2275	
Lime	1140-1150	Lime	2300-2315
Grey Shale	1150-1170	2300' of 8"	



LOGGING
 10T-16R-34
 PAGE 26 LINE 48

FORMATION	DEPTH
Shale	2315-2330
Lime	2330-2335
Shale	2335-2345
Lime	2345-2390
Lime Water	2390-2395
Water Sand	2395-2455
H.F.W. & Caving	
Lime Hard	2435-2445
Lime	2445-2465
Shale Blue	2465-2475
Lime	2475-2490
Shale	2490-2500
Lime	2500-2505
Hole Caving	
Shale	2505-2515
Lime	2515-2565
1 B.W.H.	
Shale	2565-2595
Lime	2595-2605
Shale	2605-2610
Lime	2610-2615
Fighting Cave	
U.R. 8" to 2595'	
Shale	2615-2635
Lime	2635-2650
Shale	2650-2660
Lime	2660-2670
Shale	2670-2675
Lime	2675-2690
Shale Blue	2690-2695
Shale Light	2695-2730
Hole Caving	
Shale	2730-2740
Lime	2740-2752
Shale	2752-2769
Lime	2769-2771
Shale & Chat	2771-2775
Chat & Slate	2775-2795
Hole Caving	
Shale	2795-2810
Hole Caving	
Shale	2810-2815
2908'4" of 7"	
Mississippi Lime	2815-2845
Sdy Lime	2845-2875
H.F.W. 2860-2875	
Sand Hard	2875-2888
Red Rock	2888-2890
Lime	2890-2900
Lime White	2900-2970
Lime	2970-2990
Soft White Lime	2990-3000
Lime Hard	3000-3010
U.R. 7" to 3000	
Measured hole - 3010	
should be 3004	
Lime	3004-3035
Lime Hard	3035-3045
Slate Blue	3045-3100
Bottom of Mississippi	
Lime - 3045	
Slate	3100-3170
Shale	3170-3220

FORMATION	DEPTH
Shale Blue	3220-3255
Hole Caving	
Shale	3255-3294
Viola Lime	3294-3325
Good show of oil	
from 3294-3302	
Broken Lime	3325-3345
Lime Hard	3345-3365
Lime	3365-3380
Lime Hard	3380-3400
Shale Green	3400-3466
3466' of 5"	
Lime	3466-3476
Shale	3476-3488
Sdy Lime	3488-3493
Wilcox Sand	3493-3518 H.F.W. 3505
Green Shale	3518-3520
Siliceous Lime	3520-3525
H.F.W.	

Now comes James Norris, who states that he is familiar with the drilling of oil and gas wells and he personally knows that the Tehlander # 1 located in section 10-16-3 Saline County, Kansas was drilled to a total depth of 3525 feet. Water being found in the Siliceous Lime, hole was plugged back to 3325 feet and is being acidized to test oil found in the Viola Lime from 3294 to 3325.

James Norris

