

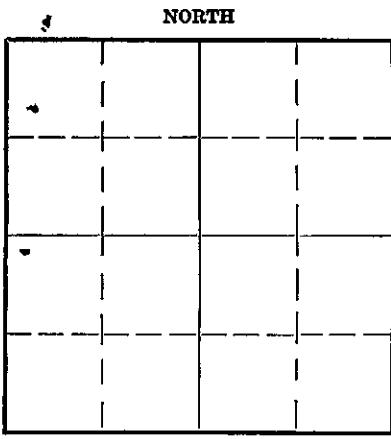
STATE OF KANSAS  
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD  
AUG 10 1937

OR  
FORMATION PLUGGING RECORD

Strike out upper line when reporting plugging of formations.

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



County Sec. 21 Twp. 16 Rge. 19 (E) (W)  
Location as "NE1/4NW1/4SW1/4" or footage from lines N.W. of S4E 1/4  
Lease Owner J. A. Murphy  
Lease Name Roth  
Office Address ~~Wichita, Kansas~~  
Character of Well (Completed as Oil, Gas or Dry Hole) dry  
Date, well completed July 25 - 1937 193.7  
Application for plugging filed July 27 - 1937 193.7  
Application for plugging approved July 27 - 1937 193.7  
Plugging Commenced July 27 - 1937 193.7  
Plugging Completed Aug 1 - 1937 193.7  
Reason for abandonment of well or producing formation dry  
If a producing well is abandoned, date of last production 193.  
Was permission obtained from the Conservation Division or its agents before plugging was commenced?

Name of Conservation Agent who supervised plugging of this well  
Producing formation Depth to top Bottom Total Depth of Well Feet

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

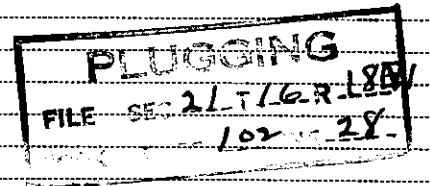
OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled Out
				15 1/2	440	360
				12 1/2	835	835
				10	1070	1070
				8	2470	2470
				7	2700	2700
				5	3390	3390

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.

Hole was filled with mud to 3000 ft and pulled 5 in pipe, mudded hole to 2400 and pulled 6 in pipe, mudded and pulled 9 in and 10 in pipe, put bridge in hole at 850 feet and pulled 12 1/2 pipe. Tried to mud hole but could not get mud in as artesian water flowed to surface.  
Cemented inside of 15 1/2 pipe with 50 sacks of cement and ripped pipe off at 360 ft and pulled it, and filled with mud to top and capped hole with 10 sacks cement.



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

Correspondence regarding this well should be addressed to Address

STATE OF Kansas COUNTY OF Sedgewick, ss.  
J. A. Murphy (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) J. A. Murphy  
1001 Brown Bldg.  
(Address)

SUBSCRIBED AND SWORN to before me this 9th day of August, 1937

My commission expires February 5, 1941  
M. W. ... Notary Public.

Roth # 1 - SW 1/4 of Section 21-10-13 Rush County, Kansas  
 Company - G. A. Murphy et al  
 Contractor - G. A. Murphy  
 Commenced - February 1, 1937  
 Completed - July 13, 1937  
 Total Depth - 3008'

Casing records:  
 445' 15"  
 035' 12"  
 1168' 10"  
 2536' 9" 8"  
 2698' 8" UR 7"  
 3396' 5" UR 5"

FORMATION	DIPHTH
Cellar	0- 10
Yellow Clay	10- 35
Sand & Lime	35- 45
Lime	45- 65
Lime Broken	65- 85
Blue Shale	85- 165
Sandy Lime	165- 190
Yellow Clay	190- 195
Blue Shale	195- 210
Red Rock	210- 230
Broken Lime	230- 255
Yellow Clay	255- 290
NEW 290-300	
Sand	290- 310
Red Rock	310- 335
Grey Shale	335- 345
Blue Mud	345- 365
Grey Shale	365- 400
Blue Mud	400- 465
445' of 15"	
Sand	405- 475
NEW	
Blue Mud	475- 500
Lime Sandy	500- 515
Pyrite - iron	515- 530
Shale	530- 535
White Mud	535- 535
Blue Shale	535- 540
Sand water	540- 550
Red Rock	550- 595
Sandwater	595- 735
Red Rock & Sand	735- 810
water increasing	
Red Rock	810- 855
835' of 12"	
Caving	
Put on Braden head	
Lime	855- 870
Red Rock	870-1150
Lime	1150-1191
1168' of 10"	
Shale Grey	1191-1193
Red Rock	1193-1202
Shale Grey	1202-1210
Red Rock	1210-1335
Shale & Shells	1335-1375
Broken Lime	1375-1425
Hole caving	
Shale	1425-1475
Shale Blue	1475-1500
Lime	1500-1520
Shale Blue	1520-1525
Blue Slate	1525-1540
Salt	1540-1820
Shale	1820-1830
Slate	1830-1840
Lime	1840-1870
Slate	1870-1885
Lime	1885-1890
Shale & Shells	1890-1905
Lime	1905-1915
Shale & Shells	1915-1925
Lime	1925-1940
Shale Brown	1940-1955
Lime	1955-1985
1 BWH 1965	
Grey Shale	1985-2005

FORMATION	DIPHTH
Red Rock	2005-2010
Lime	2010-2070
Water increased 1/2 BWH 2040-50	
Shale Brown	2070-2080
Ft. Riley Lime	2080-2210
Red Rock	2210-2220
Lime	2220-2240
Shale	2240-2250
Broken Lime & Shale	2250-2270
Shale Blue	2270-2280
Shale Brown	2280-2290
Lime	2290-2315
Red Rock	2315-2320
Lime	2320-2340
Lime Hard	2340-2375
Slate Blue	2375-2390
Lime	2390-2410
Blue Shale	2410-2430
Red Rock	2420-2435
Lime	2425-2430
Red Rock	2430-2435
Lime	2435-2490
Hole caving	
Broken Lime	2490-2515
Shale	2515-2535
Lime	2535-2610
Large flow of gas at 2610 - Rig burned April 3, 1937 Rig up April 10, 1937 Fishing for tools and cleaning out to May 16, 1937	
Run 2536' 9" of 8"	
Lime	2610-2639
Shale	2639-2646
Lime	2646-2651
Red Rock	2651-2653
Lime	2653-2658
Slate Blue	2658-2663
Lime	2663-2670
5 HW 2 H Caving bed	
Soft Lime	2670-2673
Shale	2673-2677
Lime	2677-2680
Shale	2680-2685
Small amt. of gas 2700	
Lime	2685-2715
Underreamed 7" to 2698' 8"	
Sandy Lime	2715-2725
Red Rock	2725-2728
Gritty Lime	2728-2734
Blue Shale-Shelly	2734-2759
Shale	2759-2775
Caving bed	
Blue Shale	2775-2785
Lime	2785-2802
Blue Shale	2802-2836
Good showing gas	
Sandy Lime	2836-2844
Lime	2844-2850
Shale	2850-2858
Lime	2858-2860
Shale	2860-2862
Hole caving	

FORMATION	DEPTH
Lime	2862-2900
Blue Shale	2900-2904
Lime	2904-2936
Blue Shale	2936-2955
Lime	2955-2960
Blue shale	2960-2965
Lime	2965-2995
Caving bed	
Shale & Shells	2995-3005
Black Lime	
water	
NEW 3015-14	
Caving	
Lime	3015-3073
NEW 3033	
Lime Hard	3073-3080
Lime	3080-3090
Caving	
Blue shale	3096-3102
Shale	3102-3104
Lime Hard	3104-3110
Caving	
Lime	3110-3249
Caving	
Black Shale	3249-3253
Caving	
Lime	3253-3270
Blue Shale	3270-3274
Lime	3274-3278
Red Rock	3278-3284
Lime	3284-3285
Red Rock & Blue shale	
Lime	3285-3292
Lime	3292-3293
3285' of 5"	
Lime	3293-3305
Caving	
Blue shale	3305-3310
Lime Shell	3310-3312
Blue Shale	3312-3316
Oswald Lime	3316-3400
Show oil 3322	
Lime soft 3379-84	
NEW 3385-90	
UR 5" to 3396' 5"	
White Lime - hard 3400-3422	
Black Lime - soft 3420-3422	
White Lime	3423-3430
Lime	3430-3440
Blue Shale	3440-3444
Caving	
Lime	3444-3446
Blue Shale	3446-3451
Lime	3451-3537
Caving	
Conglomerate	3537-3546
Lime	3546-3555
Caving	
Conglomerate	3555-3568
Lime	3568-3570
Gas showing	
1200' water in hole	
Mazon Cherty Limestone	
3570-3580	
Lime & Red Shale	3580-3584
Granite	3584-3600
Total Depth 3008.	

Gas estimate 3568-3580 as  
 1 to 2 M. Cu. Ft.

Now comes S. A. Murphy, who states that he is familiar with the drilling of oil and gas wells and he personally knows that the Roth # 1, located in BWC SW1/4 of Section 21-16-18 Rush County, Kansas, was drilled to a total depth of 3608 feet encountering granite wash. Same was plugged and abandoned.

S. A. Murphy

State of Kansas

County of Sedwick

} SS

BE IT REMEMBERED, That on this 21st day of July, 1937, before me, a Notary Public, in and for said County and State, personally appeared S. A. Murphy, 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.

Muske Hawkins  
Notary Public

My commission expires February 5, 1941