

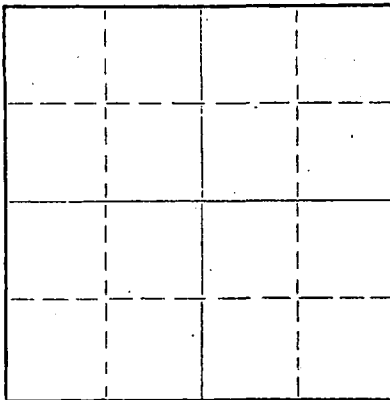
STATE OF KANSAS
STATE CORPORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

15-165-19046-0000

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plat

Rush County, Sec. 13 Twp. 18 Rge. 16W (E) (W)
Location as "NE/CNW/SW" or footage from lines C NE
Lease Owner Northern Natural Gas Company
Lease Name F. J. Reidl NN # 90. Well No. # 1
Office Address
Character of Well (completed as Oil, Gas or Dry Hole)
Date well completed 19
Application for plugging filed 6-13-61 19
Application for plugging approved 6-14-61 19
Plugging commenced 5-16-61 19
Plugging completed 6-9-61 19
Reason for abandonment of well or producing formation

If a producing well is abandoned, date of last production 19
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 Eldon petty
Producing formation Depth to top Bottom Total Depth of Well 3489' Feet
PB 2400'
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
(No. recovery of casing. All casing was left in hole as it was cemented top to bottom. 6 5/8" was plugged back to 2400' and perforated but perforations had been cemented.)				15 1/2"	390'	none
				12 1/2"	977'	none
				10 3/4"	2360'	pulled previously
				8 1/2"	3205'	pulled previously
				6 5/8"	3489'	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.

Plugging commenced 5-16-61. Plugging completed 6-9-61.

Measured in to total depth: plug at 2400'.

Killed gas: Pumped 11 sacks of gel mud and 6 loads of fresh water.

Squeezed well: Pumped mud up to 1100'. Pumped cement from 1100' to 500'. Pumped mud from 500' up to 120'. Pumped cement from 120' to 0'.

RECEIVED
STATE CORPORATION COMMISSION

JUL 12 1961

7-17-61
CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Forbes Casing Pulling, Inc.
Address P. O. Box 221 Great Bend, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.
J. O. Forbes

(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. O. Forbes

Great Bend, Kansas

(Address)

SUBSCRIBED AND SWORN TO before me this 6th day of July, 19 61

My commission expires December 8th, 1963

Kayann Jenkins

Notary Public.

OCT 11 1962
10-11-62

CONSERVATION DIVISION

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
4 Union National Bank Bldg, Wichita, Kansas

COPY

THE AYLWARD PRODUCTION CO.
Reid No. 1.

SEC. 18 T. 18 R. 16W.
Can NE.

90

Total Depth. 3515
Comm. 8-17-36 Comp. 11-4-36
Shot or Treated.
Contractor. Aylward Production Co.
Issued. 12-5-46

County. Rush.

CASING.

10 1/2" 390'
12 1/2" 977'
10" 2386'
3 1/2" 3130' UR 3205'
65/8" 3439'

Elevation.

Production. 46,000,000G.

Figures Indicate Bottom of Formations.

collar	12	lime	2145	lime hard	3100
clay	35	slate blue	2160	lime	3155
sdv	50	red rock	2170	sand	3160
clay yellow	65	lime	2195	2 BWPHR 3155	
clay yellow sdv	75	slate	2200	lime	3200
shale grey	95	lime	2205	rock pink	3210
3 1/2 BWPHR 70-75		slate	2210	slate grey	3220
clay yellow	130	lime	2225	slate	3225
sand	135	slate & red rock	2235	lime K.C.	3235
red rock	140	lime	2305	lime	3280
lime	145	1 BWPHR 2270-75		small show gas 3243	
clay yellow	155	red rock	2320	sand settling	3290
red rock	205	lime	2360	show oil 3265	
slate white	225	gas from 2320-2325		sand	3295
red rock	265	lime broken	2363	lime	3305
shale grey	280	slate	2368	lime sdv	3330
shale sdv	300	red rock	2383	4 BWPHR 3315	
4 BWPHR 290-85		lime	2393	lime sdv hard	3345
mud blue	325	Gas from 2368-90		lime	3360
shale sdv	335	lime porous	2398	lime white	3375
HFV 325-35		increase 3,000,000 cu ft.		lime brown	3380
shale blue	369	Gas 2390-93 Total Gas 15,800,000 cu ft.		lime	3395
sand	390	lime white	2440	slate cave	3397
lime sdv	395	slate	2510	lime	3435
shale	410	mud cave	2520	slate	3445
sand	435	shale	2530	lime	3455
HFV 425-85		slate and shells	2540	red rock	3460
red rock	535	shale	2550	lime	3475
sand	560	lime broken	2555	conglomerate	3485
increase in wtr 535-536		lime white	2565	lime	3489
red rock	968	lime	2575	lime sdv	3493
anhydrite	977	slate blue	2595	show gas 3490	
lime	1000	slate and shells	2605	sand	3515
red rock	1205	slate brown	2610	46,000,000 gas 3490-3515	
shale blue	1260	slate blk	2630		
red rock	1280	lime	2685	Total Depth.	
slate light	1325	slate blk	2690		
shale blue	1415	slate	2725		
salt	1660	slate and shells	2750		
slate	1665	lime hard	2770		
salt	1690	lime light	2780		
lime	1710	slate pink	2785		
slate and shells	1750	slate grey	2800		
lime	1835	slate and shells	2850		
red rock	1850	lime	2860		
lime	1885	shale blk	2865		
red rock	1935	lime	2875		
lime	1935	shale	2880		
slate	1940	lime	2910		
red rock	1960	slate blue	2980		
lime	1985	lime white	2975		
slate	1990	lime	3000		
lime	2000	lime brown	3025		
red rock	2095	lime white	3030		
lime	2115	lime	3030		