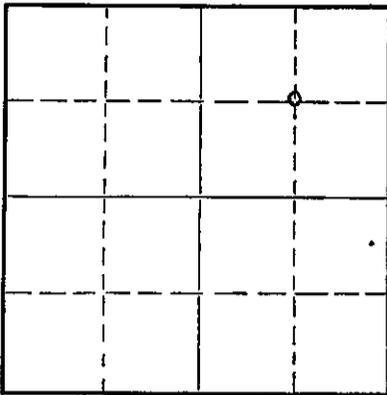


WELL PLUGGING RECORD

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

NORTH



Locate well correctly on above  
Section Plat

Rush

County. Sec. 16 Twp. 18 Rge. 16W (E) (W)

Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines NE/4 owned by

Lease Owner Green Pipe & Supply Co. formerly/Northern Natural Gas Co.

Lease Name Budde Well No. 1

Office Address P. O. Box 1383

Character of Well (completed as Oil, Gas or Dry Hole) Abandoned gas well

Date well completed May 25, 1932 19

Application for plugging filed March 2, 1950 19

Application for plugging approved March 3, 1950 19

Plugging commenced March 15, 1950 19

Plugging completed April 3, 1950 19

Reason for abandonment of well or producing formation gas depleted and no longer profitable to operate

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 C. D. Stough

Producing formation Depth to top 3468 Bottom 3501 Total Depth of Well 3501 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
				20"	96'	
				15 $\frac{1}{2}$ "	368'	
				13- $\frac{3}{8}$ "	987'	
				10"	1984'	
				8"	2350'	<del>1900'</del>
				6- $\frac{5}{8}$ "	3435'	1900
				5 $\frac{1}{2}$ "	3465	1900

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.

7 inch and 5 $\frac{1}{2}$  inch casing cemented together with 100 sacks of cement. Set rock bridge and 7 sacks of cement in the 5 $\frac{1}{2}$  inch casing at 3435 feet. Ripped off and pulled 1900 feet of the 5 $\frac{1}{2}$  inch casing and 190 feet of the 7 inch casing. Set rock bridge at 1900 feet and 7 sacks of cement at 1900 feet. Filled the 8- $\frac{5}{8}$  inch casing with mud to 250 feet. Bridge and 8 sacks of cement at 250 feet. Mud to 30 feet. Bridge and 10 sacks of cement in the 8- $\frac{5}{8}$  inch casing at the surface. Pumped hole full of cement between the 8- $\frac{5}{8}$  inch casing and the 13- $\frac{3}{8}$  inch; and between the 13- $\frac{3}{8}$  inch and the 15 $\frac{1}{2}$  inch casing. 750 sacks of cement.

Morgan Well Plugging Service - plugging contractor.

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STATE CORPORATION  
COMMISSION  
KANSAS

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

Correspondence regarding this well should be addressed to Green Pipe & Supply Co.,  
Address P. O. Box 1383,  
Tulsa, Oklahoma

STATE OF \_\_\_\_\_, COUNTY OF \_\_\_\_\_, ss.

\_\_\_\_\_ (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) x Robert Green

(Address)

Subscribed and Sworn to before me this 26<sup>th</sup> day of May, 1950

x Bebecca K. Young  
Notary Public

My commission expires Sept. 27, 1950

28-8278-2 4-50-10M

PLUGGING  
FILE SEC 16 T 18 R 16 W  
BOOK PAGE 140 LINE 41

GUIDE WELL NO. 1

COMMENCED: February 24, 1952  
 COMPLETED: May 25, 1952

LOCATION: Center NE 16-168-16W  
 Rush County, Kansas

DRILLING CONTRACTOR: Haskin Bros.

PRODUCTION: Gas Well --  
 45,000,000 cu.ft.

WELL DRILLED BY: Morgan and Flynn

TOTAL DEPTH: 3501'

ALTITUDE: 1956'

*Elevation: 1936*

CASING RECORD

20"	98'	10"	1984'
15 1/2"	368'	8"	2350'
15 5/8"	367'	6 7/8"	3435'

	TOP	BOTTOM		TOP	BOTTOM
Soil	0	10	Mud, brown (soft, cavy)	1270	1520
Clay	10	20	Shale, blue	1520	1410
Water sand	20	30	Lime, sandy (SB.W.)	1410	1418
Shale, blue	30	90	Shale, sandy	1418	1457
Sand, hard	90	115	Salt	1457	1700
Mud, brown	115	120	Shale, blue	1700	1712
Lime, sandy	120	125	Lime	1712	1718
Shale, blue	125	145	Shale, blue	1718	1730
Sand, soft	145	165	Lime	1730	1740
Shale, blue	165	170	Shale, blue sandy	1740	1777
Sand, white	170	192	Lime, hard	1777	1785
Mud, red	192	197	Shale	1785	1795
Lime, hard	197	205	Lime, hard	1795	1815
Mud, red	205	210	Shale, brown	1815	1821
Shale, blue	210	220	Lime, hard	1821	1840
Mud, brown	220	250	Shale, blue	1840	1850
Shale, black	250	265	Lime, white	1850	1854
Sand, hard	265	270	Shale, sandy	1854	1870
Shale, black	270	325	Lime, hard black	1870	1905
Lime, dark	325	350	Shale, blue	1905	1915
Shale, blue	350	355	Lime, sandy (SB.W.)	1915	1945
Sand, hard	355	385	Red, blue shelly	1945	1975
Shale, dark	385	395	Lime, medium	1975	2025
Sand, hard (water running 410')	395	410	Shale, sandy (SB.W.)	2025	2038
Sand, red (over top at 500')	410	515	Lime, sandy	2038	2045
Shale, red	515	540	Lime, hard	2045	2050
Sand, soft (increase water)	540	615	Shale, blue	2050	2060
Shale, red	615	625	Lime, hard	2060	2105
Sand, medium	625	650	Shale, brown	2105	2110
Shale, red	650	686	Lime, hard	2110	2125
Shale	686	700	Shale, sandy	2125	2145
Shale, red	700	729	Lime, hard	2145	2185
Sand	729	734	Shale, blue	2185	2180
Red rock	734	785	Shale, red	2180	2190
Sand, hard	785	800	Lime, medium	2190	2210
Shale, red	800	970	Shale, blue	2210	2220
Anhydrite, white soft	970	985	Shale, brown	2220	2250
Lime, white	985	1004	Lime, hard	2250	2240
Lime, gray hard	1004	1016	Shale, brown	2240	2245
Red rock, soft	1016	1225	Lime, hard	2245	2515
Shale, blue	1225	1270	Shale, red cavy	2515	2525
			Lime, hard	2525	2575
			Shale and shells	2575	2590
			Red rock	2590	2595

S-25-50  
 MAY 25 1950  
 PLUGGING  
 FILE SEC 16-168-16W  
 BOOK PAGE 44 LINE 44

	TOP	BOTTOM		TOP	BOTTOM
Slate, liny	2485	2480	Shale, brown	3447	3448
Lime, sandy (1/2 B.W.)	2480	2455	Lime, gray	3459	3462
Shale, sandy	2455	2480	Blus, red	3462	3468
Slate, shells	2480	2580	Gas sand	3468	
Lime, hard	2580	2575	Hard to		3474
Shale, black	2575	2585	Gas increased at	3475	
Lime, brown	2585	2590	" " "	3480	
Shally, blue	2590	2685			
Lime, hard	2685	2687			
Shale, blue	2687	2730			
Lime, hard	2730	2745	TOTAL DEPTH		3501
Slate, blue	2745	2780			
Lime, medium	2780	2780			
Shale, blue	2780	2780			
Shale, brown	2780	2787			
Lime, hard	2787	2805	(Top gas sand at 3480' - Gas in-		
Shale, blue	2805	2850	creased as well as drilled deeper.		
Lime, hard	2850	2840	Bottom of hole 3501' - still in		
Shale, dark	2840	2880	sand where gas was gauged		
Lime, hard	2880	2880	(48,000,000 cu. ft.)		
Shale, blue	2880	2870			
Lime, hard	2870	2875			
Shale, blue	2875	2880			
Lime, hard	2880	2915			
Shale, blue	2915	2955			
Lime, gray (show					
gas)	2955	2945			
Shale, blue	2945	2955			
Lime, hard	2955	2975			
Lime, sandy	2975	2995			
Shale, sandy	2995	3025			
Lime, hard (1/2 B.W.)	3025	3057			
Shale, blue	3057	3041			
Shale, shale	3041	3050			
Dish, hard	3050	3075			
Lime, white	3075	3115			
Lime, sandy (more					
water)	3115	3175			
Shale, blue	3175	3189			
Lime	3189	3191			
Sand, medium					
(1/2 B.W.)	3191	3205			
Shale, blue	3205	3207			
Red rock	3207	3211			
Shale, blue	3211	3215			
Lime	3215	3220			
Shale, blue	3220	3230			
Lime, hard	3230	3245			
Shale, blue	3245	3280			
Lime, hard	3280	3275			
Lime, sandy (water)	3275	3295			
Lime, gray hard	3295	3312			
Shale, blue	3312	3320			
Lime, sandy					
(1/2 B.W.)	3320	3345			
Lime	3345	3360			
Lime, sandy (1 B.W.)	3360	3368			
Lime, Gray	3368	3425			
Shale, dark	3425	3440			
Lime, sandy	3440	3447			

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