

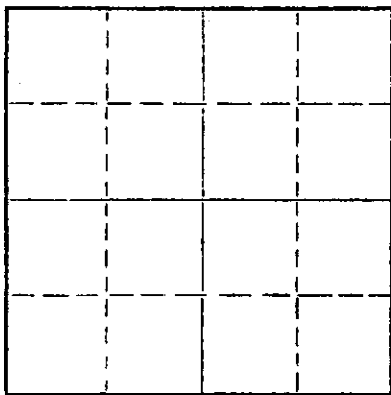
STATE OF KANSAS  
STATE CORPORATION COMMISSION

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

15-165-19006-0000

WELL PLUGGING RECORD

NORTH



Locate well correctly on above  
Section Plat

Rush County. Sec. 12 Twp. 18 Rge. 16W (E) (W)  
Location as "NE/CNW/SW" or footage from lines. G NE  
Lease Owner Northern Natural Gas Company  
Lease Name J. O. Brack NN # 50 Well No. # 1  
Office Address \_\_\_\_\_  
Character of Well (completed as Oil, Gas or Dry Hole) \_\_\_\_\_  
Date well completed \_\_\_\_\_ 19\_\_\_\_  
Application for plugging filed ~~7-3-61~~ 7-3-61 19\_\_\_\_  
Application for plugging approved 7-7-61 19\_\_\_\_  
Plugging commenced 7-26-61 19\_\_\_\_  
Plugging completed 7-29-61 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 3536' 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
No. Recovery of casing to be cemented top to bottom.	All casing was found			15 1/8"	106'	none
				12 1/2"	1002'	none
				10"	2366'	pulled previously
				8 1/4"	3357'	pulled previously
				7"	3506'	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 7-26-61. Plugging completed 7-29-61.

Loaded and pumped hole with heavy mud full to 350'.

Pumped 40 sacks cement.

Recapped well to top of bottom of cellar with 3 sacks, cement.

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10-12-61  
OCT 12 1961

CONSERVATION DIVISION  
Wichita, Kansas

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

Name of Plugging Contractor Forbes Casing Pulling, Inc.  
Address 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 20th day of September, 19 61

Kayann Jenkins  
Notary Public.

My commission expires December 8th, 1963



K-165-19006-0000

J. O. BRACK WELL LOG

Commenced: September 15, 1936  
 Completed: November 7, 1936

Location: NE $\frac{1}{4}$  Section 12-18-16,  
 Rush County, Kansas

Drilling Contractor: Haskin Bros.

Production: Gas Well -  
 41 MMCF - 948#

Well Drilled By: Interstate Prod. Co.  
 Flynn, Texas, Skelly  
 and Columbian Fuel.

Altitude: 1985'

Total Depth: 3536'

CASING RECORD #  
 70-15 $\frac{1}{2}$ " - 406'  
 50-12 $\frac{1}{2}$ " - 1002'  
 45 $\frac{1}{2}$ -10" - 2366'-pulled  
 32- 8 $\frac{1}{4}$ " - 3357'-pulled  
 24- 7" - 3506'

<u>Formation</u>	<u>Depth</u>	<u>Formation</u>	<u>Depth</u>
Yellow Mud	0 - 35	Lime	1243
Dark Blue Shale	50	Blue Shale	1280
Black Muddy Shale	80	Red Shale	1330
Blue Slate	90	Red Rock	1335
White Slate	100	Blue Shale	1360
White Shale	130	Lime	1365
Red Rock	140	Blue Shale	1405
Water Sand - 2 BW	155	Lime	1410
Red Shale	195	Blue Shale	1425
Gray Shale	220	Salt	1435
Water Sand	240	Shale	1440
Red Rock	250	Salt	1535
Blue Shale	275	Blue Shale	1540
Red Rock	280	Salt	1705
Blue Shale	290	Shale	1710
Red Rock	295	Salt	1735
Blue Shale	385	Blue Shale	1745
Black Shale	400	Lime	1750
Red Sand	406	Gray Shale	1765
Blue Shale	460	Shale & Lime & Shells	1780
White Sand	480	Gray Shale	1790
Red Sand	535	White Lime	1800
Red Shale	560	Shale and Shells	1815
Water Sand	615	Red Shale	1818
Red Shale	635	Lime	1825
Red Rock	665	Blue Shale	1835
Red Shale	950	Lime	1850
Red Rock	990	Gray Shale	1860
Red Shale & Gypsum	998	Red Shale	1875
Anhydrite	1003	Lime	1890
Lime - Anhydrite	1015	Shale	1895
Lime	1025	Lime - Show Gas	1910
White Lime	1030	Blue Shale	1920
Red Rock	1060	Lime	1965
Red Shale	1190	Sandy Shale	1970
Red Rock	1225	Red Shale	1990
Blue Shale	1240	Lime	1995

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J. O. Brack Well Log - Page 2

<u>Formation</u>	<u>Depth</u>	<u>Formation</u>	<u>Depth</u>
Blue Sandy Shale	2020	Shale	2685
Sandy Lime	2100	Blue Shale	2695
Gray Lime	2125	Lime	2705
Red Rock	2135	Blue Shale & Shells	2745
White Lime	2145	Blue Shale	2750
Blue Shale	2160	Lime & Shells	2780
Lime and Shale	2175	Black Shale	2785
Lime	2182	Lime, Shale & Shells	2800
Shale	2200	Lime	2815
Red Shale	2205	Shale	2825
Lime	2220	Lime	2835
Blue Shale	2227	Blue Shale	2855
Lime	2230	Lime	2860
Blue Shale	2235	Blue Shale	2890
Red Rock	2240	Lime	2905
Lime	2260	Dark Shale	2915
Red Rock	2265	Lime	2945
Red Shale	2270	Shale	2958
Lime	2275	Lime	3055
Blue Shale	2280	Shale	3065
Sandy Lime	2295	Lime	3068
Lime	2325	Shale	3077
Blue Shale	2330	Lime	3095
Red Shale	2335	Shale	3100
Lime	2340	Lime	3210
Red Shale	2350	Gray Shale	3215
White Lime	2366	Lime	3237
Lime	2395	Red Shale	3245
Sandy Shale	2400	Gray Shale	3265
Blue Sandy Shale	2420	Lime	3468
Lime	2425	Shale	3470
Broken Lime	2455	Blue Shale	3475
White Lime	2485	Lime	3485
Lime	2490	Red Rock	3489
Blue Shale	2515	Lime	3498
Lime	2525	Shale	3505
Shale	2530	Conglomerate	3507
Broken Lime	2550	Sand - Top of Gas	3514
Blue Shale	2570	Depth Corrected	3514 to 3506
Lime	2575	Gas Sand	3506 to 3536
Blue Shale & Shells	2590	Total Depth	3536
Lime, Shells & White Shale	2633		
Sandy Shale	2645		
Red Shale	2649		

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CEMENTED CASING

Depth	Size Casing	Estimated Ft. Encased in Cement
406	15 1/2"	227
1002	12 3/8"	80
3506	7"	297