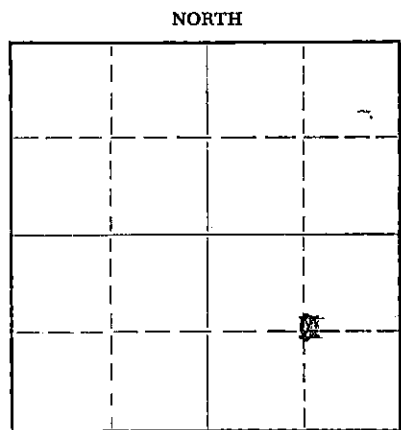


STATE OF KANSAS
STATE CORPORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 North Market, Insurance Bldg.
Wichita, Kansas

WELL PLUGGING RECORD



Locate well correctly on above
Section Plat

Morton County, Sec. 16 Twp. 34 Rge. 39 (W)
Location as "NE/CNW/SW" or footage from lines C- SE/4
Lease Owner Walter Kuhn
Lease Name Armstrong Well No. 1
Office Address 726 Union Center, Wichita, ks.
Character of Well (completed as Oil, Gas or Dry Hole) Gas
Date well completed 8-30-62 19
Application for plugging filed 12-12-62 19
Application for plugging approved 1-2-63 19
Plugging commenced 2-4 19 63
Plugging completed 2-5 19 63
Reason for abandonment of well or producing formation replaced with new well

If a producing well is abandoned, date of last production 11-27 19 62
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 Hugh Scott
Producing formation Hugoton Depth to top Bottom Total Depth of Well 2781 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
				10-3/4		0'
				7"	2590'	1026'

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.

2781 to 1903 - Cement
1903 to 500 - Mud
500 to 415 - 50 sks cement.
415 to 50 - Mud
50 to 40 - Rock bridge
40 to 0 - 20 skd Cement.

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CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Sargent Casing pulling Co. & B-J Service
Address Liberal, Ks Hugoton, Ks.

STATE OF Kansas, COUNTY OF Sedgwick, ss.
Walter Kuhn Drilling Co. ~~XXXXXX~~ (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) Walter Kuhn
726 Union Center, Wichita, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 8th day of February, 19 63
Ida C. Langston
My commission expires Mar. 26, 1963 Notary Public.

LOG OF ARMSTRONG WELL.

Location: Southeast of 16-34-39
 Land Owner:
 Lease Owner:
 Contractor: Kuhn Brothers.
 1st. Well Commenced: May 14, 1937
 Well Completed: June 20, 1937
 1st. Surface Casing:
 2nd. Surface Casing:
 Production Casing:
 Total Depth: 2765
 Shot:
 Shooter:
 Elevation:

Well Cased &
 Annulized. 3/20-40
 Grouted 4/1-40
 13, 982 mc f
 Back Pressure 400 #

DRILLED WITH ROTARY TOOLS;

FORMATION.

May 14	0	50	
Quick sand & gravel & shells	50	328	
Sand and gravel	328	562	
Red Bed	567	587	
Red Bed	587		
Red Bed (Cemented with 75 sacks cement)		587	run 587 ft 103/4" wheeling casing 800 test cemented with 75 sacks Incor cement
Red Bed	587		
Red Bed		587	
Red Bed	587	683	
Anhydrite	683	744	
Anhydrite	744	765	
Sandy shale and shells, coarse sand.	765	1125	
Shells and sand	1125	1135	
Anhydrite	1135	1217	
Red bed & streaks of shale	1217	1309	
Red bed & Shale	1309	1350	
Sand shell, streaks gyp.	1350	1590	
Gyp	1590	1600	
Red Bed	1600	1697	
Gyp & Streaks of hard sand	1697	1851	
Sand & Lime streaks, hard sand	1851	1995	
Anhydrite & streaks of shell	1995	2126	
Anhydrite, streaks shells	2126	2225	
Red bed & sand	2225	2250	
Anhydrite	2250	2347	
Anhydrite & blue shale	2347	2405	
Shale & sticky	2405	2433	run in 8 5/8 bit D.S.Q. 4489
Anhydrite	2433	2495	
Anhydrite, streaks blue shale & broken lime.	2495	2530	Bit #5 made 152 ft, run in DSQ 4840 on bottom
Hard blue shale	2530	2575	
Premature Lime	2575	2590	
Anhydrite & shells (laid down 4" pipe)		2590	Laid down 4" drill pipe
Finished laying down D.P.		2590	Standardized at 2590
Shale, lime shells	2590	2600	finished laying D.P. ran 105 jts 7" O.D. casing
Sandy Lime (increase in gas at 2608)	2600	2630	Increase in gas at 2608) Lost tools in hole.
Sandy lime	2630	2655	Fished out tools
Blue shale	2655	2640	
Red Rock	2640	2651	
Shale	2651	2655	
Lime shell	2655	2660	
Red shale	2660	2663	
Lime shell	2663	2670	Increase in gas 2670 to 2675
Red Sand	2670	2675	
Lime (increase in gas flow) from 2690 to 2695)	2675	2695	Increase in gas flow from 2690 to 2695
Lime	2695	2705	
Blue shale	2705	2710	
Red Rock	2710	2728	
Sandy Lime	2728	2745	
Sandy lime	2745	2760	
Blue shale	2760	2765	

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 Wichita, Kansas