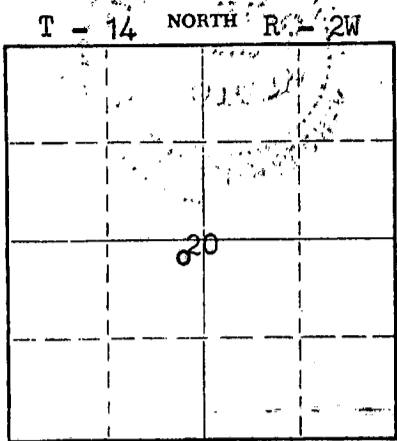


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Saline County, Sec. 20 Twp. 14 Rg. 2W (E) (W)

Location as "NE/CNW/SW" or footage from lines NE NE SW
Lease Owner FRANK BLACK
Lease Name Cravens #2 Well No. _____
Office Address McPherson, Kansas 67660
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed 12-30-63 19____
Application for plugging filed 3-4-68 19____
Application for plugging approved 3-5-68 19____
Plugging commenced 3/13/68 19____
Plugging completed 3/15/68 19____
Reason for abandonment of well or producing formation depleted.

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 Toman
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3246 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"	254'	none
				5 1/2"	3239'	2661'

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.

Checked hole to 3246', ran wand to 3200' and ran 5 sacks of cement. Loaded hole with water, two loads. Shot pipe at 2652', worked pipe loose and pulled 83 joints. Bailed hole to 250', set 10' rock bridge and ran 25 sacks of cement. Mudded hole to 40', set 10' rock bridge and ran 10 sacks of cement. Tallied pipe.

PLUGGING COMPLETE.

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CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor KNIGHT CASING PULLING CO., INC. License #436
Address CHASE, KANSAS

STATE OF Kansas, COUNTY OF Rice, ss.
Noel J. Knight (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) Noel J. Knight
Chase, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 1st day of April, 1968

February 15, 1971
My commission expires _____
NOTARY PUBLIC
MARGARET MELCHER
RICE COUNTY, KANSAS

Margaret Melcher
Notary Public.

15-169-00421-00-00

KANSAS GEOLOGICAL SOCIETY
KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU
KANSAS GEOLOGICAL SOCIETY BUILDING
508 EAST MURDOCK - WICHITA, KANSAS

COPY

COMPANY ROCHWILE, INC.

SEC. 20 T. 14 R. 2W
LOC. NE NE SW

FARM Cravens

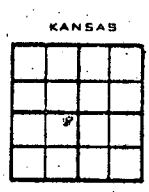
NO. 2

COUNTY Saline

TOTAL DEPTH 3246
COMM. 12-20-63

COMP. 12-30-63

SHOT OR TREATED
CONTRACTOR White & Ellis
ISSUED 7-16-66



CASING
20 10
15 8 5/8" @ 254' w/185 SX.
12 6
13 5 1/2" @ 3239 1/2" w/100 SX.

ELEVATION 1272' KB

PRODUCTION PMP 25 BO &
50 BWED

FIGURES INDICATE BOTTOM OF FORMATIONS

Kelly Bushing measurement 2' above ground level.

FORMATION	DEPTH	TOPS: SAMPLE	
Soil	0-5		
Lime & Shale	150		
Lime	254		
Lime & Shale	340	Mississippi	2675
Lime	460	Hunton	3042
Shale & Lime	530	Maquoketa Shale	3239
Lime & Shale	650		
Shale & Lime stks.	750		
Shale & Shells	860		
Shale & Lime	870		
Lime	910		
Lime & Shale	1250		
Lime w/Shale stks.	1300		
Shale	1380		
Shale & Lime stks.	1460		
Lime & Shale stks.	1575		
Lime & Shale	1722		
Shale & Lime	2045		
Lime	2500		
Lime & Shale	2630		
Shale	2729		
Lime & Shale	2784		
Lime	2882		
Lime & Shale	2919		
Lime	2938		
Shale	2952		
Lime & Shale	3072		
Lime	3150		
Shale & Lime	3233		
Shale	3239		
Dolomite	3246		

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Wichita, Kansas

TOPS	
Kansas City	2045
Mississippi	2729
Maquoketa	3233

Core #1 - 3233' - 3246'