

**KANSAS DRILLERS LOG**

State Geological Survey  
WICHITA, BRANCH

S. 20 T. 17 R. 31 ~~XX~~ W

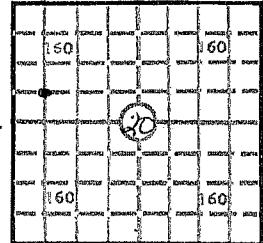
API No. 15 — 171 — 20,040  
County Number

Loc. C SW NW

County Scott

Operator Okmar Oil  
Address 1130 Vickers KSB&T Bldg., Wichita, Kansas 67202

640 Acres  
N



Well No. #2 Lease Name Roush

Footage Location  
1980 feet from (N) ~~XX~~ line 660 feet from ~~XX~~(W) line

Principal Contractor Sage Drilling Company Geologist Max S. Houston

Spud Date September 13, 1972 Total Depth 4013 P.B.T.D.

Elev.: Gr. \_\_\_\_\_

Date Completed September 21, 1972 Oil Purchaser Clear Creek

DF \_\_\_\_\_ KB 2950

**CASING RECORD**

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12½	8-5/8	28#	340	60/40 Poz.	250	3% C.C.
Production	7-7/8	5½	14#	4002	60/40 Poz.	75	10% Salt

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			open hole		4002-13
Size	Setting depth	Packer set at			
2"	4007				

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
500 gal. regular acid	4002 - 13

**INITIAL PRODUCTION**

Date of first production <u>September 27, 1972</u>	Producing method (flowing, pumping, gas lift, etc.) <u>pumping</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>50</u> bbls. Gas _____ MCF Water <u>-0-</u> bbls. Gas-oil ratio _____ CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s)

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Okmar Oil Company DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil

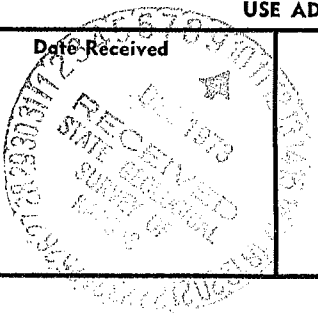
Well No. 2 Lease Name Roush

S 20 T 17 R 31 W

WELL LOG Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

Table with 5 columns: FORMATION DESCRIPTION, CONTENTS, ETC., TOP, BOTTOM, NAME, DEPTH. The main body of the table contains the text 'SEE ATTACHED'.

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.



Signature: Max S. Houston
Title: Geologist
Date: November 12, 1973

DRILLERS LOG

ROUSH NO. 2

CASING RECORD: 8-5/8" @ 340'  
w/250 sax cement  
TOTAL DEPTH:  
4013'

OPERATOR: Okmar Oil Company  
CONTRACTOR: Sage Drilling Co.  
COMMENCED: September 13, 1972  
COMPLETED: September 21, 1972

DESCRIPTION:  
C SW NW  
Sec. 20-17S-31W  
Scott Co., Kansas  
ELEVATION: 2950KB

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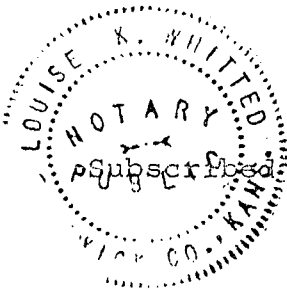
<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Top Soil	0	50	
Sand	50	95	
Shale	95	148	
Sand & Shale	148	342	
Shale	342	1215	
Shale & Sand	1215	2090	
Shale	2090	2234	
Lime & Shale	2234	2260	
Shale	2260	2520	
Shale & Lime	2520	2760	
Lime & Shale	2760	3280	
Shale & Lime	3280	3435	
Lime & Shale	3435	3610	
Lime	3610	3705	
Lime & Shale	3705	3845	
Lime	3845	4013	5½" @ 4002' w/75 sax

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I certify that this is a true and correct copy of the above log to the best of my knowledge.

SAGE DRILLING CO., INC.

BY Clarence Michael  
Clarence Michael



Subscribed and sworn to before me this 25th day of September, 1972.

Louise K. Whitted  
Louise K. Whitted - Notary Public

Commission expires:  
September 26, 1974.