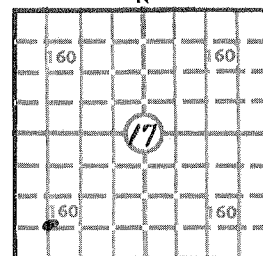


KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCHAPI No. 15 - 171 - 20,059
County NumberS. 17 T. 17 R. 31 ^{EX}WLoc. C SW SWCounty Scott640 Acres
NLocate well correctly
2951

Elev.: Gr.

DF _____ KB 2956

Operator

Okmar Oil Co.

Address

1130 Vickers KSB&T Building, Wichita, Kansas 67202

Well No.

#1

Lease Name

Rodenberg

Footage Location

660

feet from XBC (S) line

660

feet from ~~XX~~ (W) line

Principal Contractor

Sage Drilling Company

Geologist

Max S. Houston

Spud Date

September 25, 1972

Total Depth

4038

P.B.T.D.

Date Completed

October 3, 1972

Oil Purchaser

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	12 $\frac{1}{4}$	8-5/8	28#	337	60/40 Poz.	250	3% C.C.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

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.: Dry Hole
Well No. 1	Lease Name Rodenberg	
S17 T17 R31 XX 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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
SEE ATTACHED				

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

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

DRILLERS LOGRODENBERG NO. 1

17-17-31W

CASING RECORD: 8-5/8" @ 337'
w/250 sax cement

OPERATOR: Okmar Oil Company

CONTRACTOR: Sage Drilling Co.

COMMENCED: September 25, 1972

COMPLETED: October 3, 1972

DESCRIPTION: C SW SW
Sec. 17-17S-31W
Scott County, Kansas

TOTAL DEPTH: 4038'

ELEVATION: 2956KB

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Top Soil, Sand & Shale	0	314	
Sand & Shale	314	338	
Shale	338	1756	
Shale & Sand	1756	2290	
Anhydrite	2290	2312	
Shale & Lime	2312	2385	
Lime & Shale	2385	2604	
Shale & Lime	2604	3015	
Lime & Shale	3015	3610	
Lime	3610	3850	
Lime & Shale	3850	3958	
Lime	3958	4038	D&A

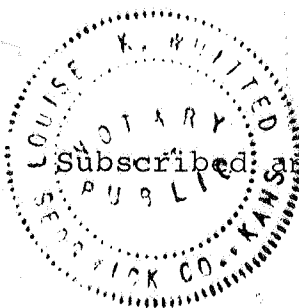
I certify that this is a true and correct copy of the above log to the best of my knowledge.

SMP TOPS:

1st ANHY	2250
2nd ANHY	2292
B Anhy	2312
Heeb	3892
Lans	3929
Rtd	4038

SAGE DRILLING CO., INC.

By Clarence Michael
Clarence Michael



Subscribed and sworn to before me this 5th day of October, 1972.

Louise K. Whitted
Louise K. Whitted - Notary Public

My commission expires:
November 26, 1974.