20 - 17 - 31W

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

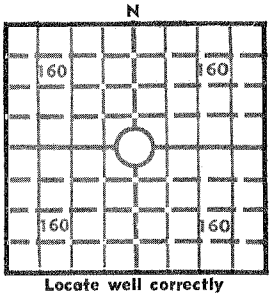
S. 20 T. 17 R. 31 E/W

API No. 15 — 171 (County) — 20,071 (Number)

Loc. C SE SW

County Scott

640 Acres



Locate well correctly

Operator: Okmar Oil Company

Address: 970 Fourth Financial Center, Wichita, Kansas 67202

Well No.: 1

Lease Name: Boyer

Footage Location: 660 feet from (N) (S) line 1980 feet from (E) (W) line

Principal Contractor: Red Tiger Drilling Co.

Geologist: Frosty Cox

Spud Date: October 26, 1974

Total Depth: 4175

P.B.T.D.: ---

Date Completed: November 5, 1974

Oil Purchaser: ---

Elev.: Gr. 2955

DF ___ KB 2960

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	12¼"	8-5/8"	28#	300'	60/40 Poz.	220	2% Gel, 3% CC

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production:

Producing method (flowing, pumping, gas lift, etc.):

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	MCF	bbls.	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	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Okmar Oil Company	Dry Hole
Well No. 1	**Lease Name** Boyer
S 20 T 17 R 31 E 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
1)30/30/30/30 Weak blow - 25 min. Rec. 30' mud slight show oil 946/887 26/36	3956	3978
2)45/60/45/45 Very weak blow Rec. 30' mud 590/518 17/26	4011	4028
3)45/30/30/30 Rec. 20' mud ?/411 17/22	4010	4033
4)45/60/60/60 Rec. 340' muddy water 903/903 26/178	4153	4175

NAME	DEPTH
1st. Anhydrite	2250
True Anhydrite	2293
Base Anhydrite	2312
Topeka	3651
Heebner	3890
Toronto	3907
Lansing	3928



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

Date Received

Max S Houston

Signature

Max S. Houston, Geologist

Title

May 20, 1975

Date

20-17s-31w

DRILLERS LOG

No. 1 Boyer 15-171-20071

CASING RECORD:

8-5/8" @ 300'
w/200 sx. cmt.

TOTAL DEPTH: 4175'

COMPANY: Okmar Oil Co.

CONTRACTOR: Red Tiger Drilling Co.

COMMENCED: October 26, 1974

COMPLETED: November 5, 1974

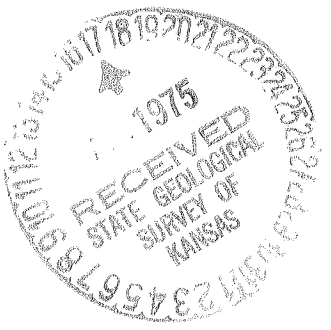
DESCRIPTION:

C SE SW
20-17S-31W
Scott County,
Kansas

ELEVATION:

FORMATION	FROM	TO
Clay & Sand	0	220
Shale	220	1782
Bl. Anhydrite	1782	1818
Shale & Shells	1818	1885
Sand	1885	2060
Shale	2060	2085
Redbed	2085	2250
Anhydrite Stringer	2250	2257
Redbed	2257	2293
Anhydrite	2293	2312
Redbed & Shale	2312	2533
Shale & Lime	2533	2825
Lime	2825	2969
Shale & Lime	2969	3780
Lime	3780	4175

REMARKS



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

RED TIGER DRILLING COMPANY

Linda N. Dickens
Linda N. Dickens

Subscribed and sworn to before me this 13th day of November, 1974.