

KANSAS DRILLERS LOG

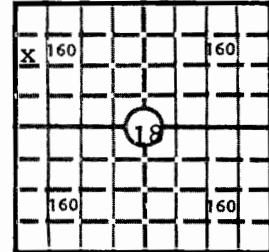
State Geological Survey
WICHITA, BRANCH

S. 18 T. 10S R. 25 ~~W~~ W

Loc. SW NW NW

County Graham

640 Acres
N



Locate well correctly

Elev.: Gr.

DF KB 2573

API No. 15 — 065 — 20,591
County Number

Operator
Okmar Oil Company

Address
1130 Vickers KSB&T Building, Wichita, Kansas 67202

Well No. 3 Lease Name Custer

Footage Location
990 feet from (N) ~~XX~~ line 330 feet from ~~XX~~ (W) line

Principal Contractor Red Tiger Drilling Geologist Max S. Houston

Spud Date January 6, 1973 Total Depth 4060 P.B.T.D.

Date Completed January 16, 1973 Oil Purchaser Mobil Oil Corporation

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 1/2"	8-5/8"		260	60/40 Posmix	185	3% CC
Production	7 7/8	5 1/2"	15 1/2#	4059	60/40 Posmix	150	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
-----	-----	-----			3854 - 57
TUBING RECORD					3961 - 65
Size	Setting depth	Packer set at			
2"	4022				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2500 gals. acid	3854 - 57
2500 gals. acid	3961 - 65

INITIAL PRODUCTION

Date of first production February 23, 1973 Producing method (flowing, pumping, gas lift, etc.) pumping

RATE OF PRODUCTION PER 24 HOURS
Oil 112 bbls. Gas MCF 9 bbls. Water Gas-oil ratio CFPB

Disposition of gas (vented, used on lease or sold) Producing interval (s) Same as above

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.:
Well No. 3	Lease Name Custer	Oil
S 18 T 10 S R 25 ^{EX} W		

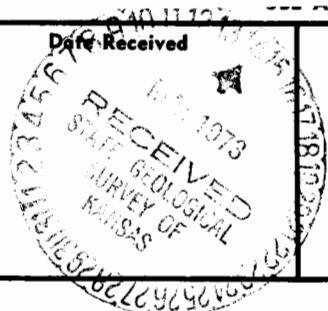
WELL LOG


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
Sec. 18-10S-25W SW NW NW Custer #3 Graham Co., Ks ✓				
DST #1 3788-3860 45/45/60/60 Strong Blow Rec. 120' gas, 180' clean oil and 1020' heavily oil and gas cut mud.			<u>Log Tops</u> Sc	2181
DST #2 3858-3880 45/45/60/60 weak steady blow Rec. 120' gas, 40' oil, & 130' O & GC muddy water 667/616 17/59 59/85			Heeb Tor Lans * Blc	3784 3807 3824 3824 4056
DST #3 3884-3900 45/45/60/60 Fair blow Rec. 600' gas, 170' HO & GCM 1096/1096 17/51 51/68			Td * Smp Top	4060
DST #4 3940-3970 45/45/60/60 fair blow Rec. 120' HOCM 145/171 17/34 34/59				
DST #5 3970-4017 45/45/30/30 weak blow 15 min. Rec. 15' mud 51/42 29/34 34/34				
DST #6 4010-4060 45/45/30/45 weak blow 45 min. Rec. 85' oil specked mud 941/847 42/59 59/68				

NECESSARY, TO COMPLETE WELL RECORD.





 Signature
 Don W. Beauchamp - Geologist

 Title
 April 19, 1973

 Date

2648L

577-87

DRILLERS LOG

18-10-25W

No. 3 Custer

CASING RECORD:

8 5/8" @ 260'
w/185 sx cement
5 1/2" @ 4069'
w/150 sx cement
DV Tool @ 2181'
w/400 sx cement

COMPANY: Okmar Oil Company

CONTRACTOR: Red Tiger Drilling Company

COMMENCED: January 6, 1973

COMPLETED: January 17, 1973

DESCRIPTION:

S4 NW NW
18-10S-25W
Graham County,
Kansas

TOTAL DEPTH: 4069'

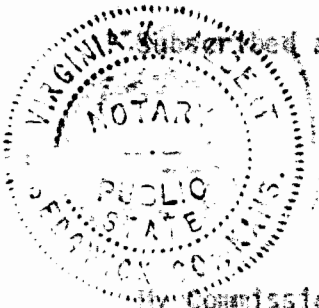
ELEVATION:

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Surface hole	0	275	
Shale	275	2181	
Anhydrite	2181	2224	
Shale	2224	2400	
Line & shale streaks	2400	2705	
Shale and line	2705	3115	
Line	3115	3272	
Line & shale	3272	3706	
Line	3706	4060	

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

RED TIGER DRILLING COMPANY

Gloria Fawcett
Gloria Fawcett



Subscribed and sworn to before me this 19th day of January, 1973.

Virginia K. Albert
Notary Public

My Commission Expires: July 23, 1974