

State Geological Survey
WICHITA, BRANCH

12-1-35W

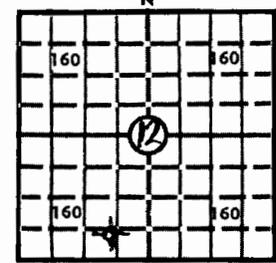
KANSAS DRILLERS LOG

S. 12 T. 1 R. 35 ^W

Loc. 150' SW C SE SW

County Rawlins

640 Acres
N



Locate well correctly

Elev.: Gr. 3098

DF 3101 KB 3103

API No. 15 — 153 — 20,183
County Number

Operator Empire Drilling Company

Address 650 Fourth National Bank Building

Wichita, Kansas 67202
Well No. #3 Lease Name Sis

Footage Location
555 feet from (N) (S) line 1890 feet from (E) (W) line

Principal Contractor Murfin Drilling Company Geologist Steve Powell

Spud Date 5-31-74 Total Depth 4245 P.B.T.D.

Date Completed 6-7-74 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 1/4	8 5/8	28	284'	POZ MIX	225	HA5

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

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
Disposition of gas (vented, used on lease or sold)	bbls.	MCF	bbls.	CFPB	
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
Empire Drilling Company

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:
Dry Hole

Well No. 3 Lease Name Sis

S 12 T 1S R 35 W

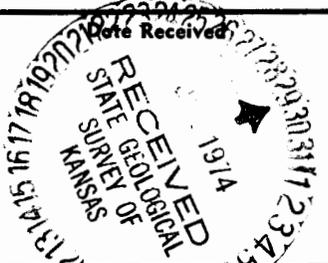
WELL LOG

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
			Sample Log Tops:	
Sand & Clay		190	Anhydrite	2978
Shale		1780	Bse Anhydrite	3011
Shale-Sand		2770	Topeka	3806
Shale		2978	Deer Creek	3846
Anhydrite		3011	Oread	3898
Shale		3070	Bse Leavenworth	3981
Shale & shells		3240	Douglas Sand	3988
Lime & shale		3910	Lansing	4027
Lime		3950	Zone 2A	4082
Lime & shale		4080	Zone 5	4134
Lime		4194	Zone 7	4224
Lime & shale		4245	RTD	4245
Total Depth		4245		
DST #1 3872-3910 45-45-45-45 Strong blow throughout. Rec. 1900' salt water ISIP 1192#, FSIP 1192#, IFP 53#, FFP 888#. BH Temp. 130				
DST #2 4043-4100 30-30-30-30 Weak blow for 20 minutes. Rec. 15' mud. ISIP 213#, FSIP 106#, IFP 53#, FFP 63#, BH Temp. 128				
DST #3 4097-4150 45-45-60-60 Weak blow throughout Rec. 80' of mud with few spots of oil. ISIP 85#, FSIP 95#, IFP 53#, FFP 63#. BH Temp. 127				
DST #4 4195-4245 Misrun Packers did not hold				
DST #4-A 4205-4245 30-30-60-60 Strong blow throughout. Recovered 840' mud, watery mud and muddy water ISIP 1265#, FSIP 1035#, IFP 395#, FFP 470#, BH Temp 129				

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



J. E. Rakaskas
Signature
J. E. Rakaskas
Exploration Manager
Title
July 10, 1974
Date