

KANSAS DRILLERS LOG

IMPORTANT
Kans. Geo. Survey request
samples on this well.

15-023-20065

3-3-39w

API No. 15 — 023 — 20,065
County Number

S. 3 T. 3 R. 39 NE W

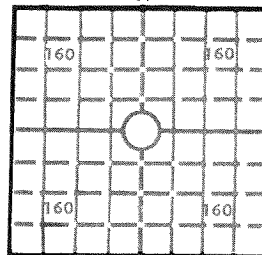
Loc. C SW NE

Operator
Murfin Drilling Company

County Cheyenne

640 Acres
N

Address 617 Union Center Wichita, Kansas 67202



Well No. #1-3 Lease Name Shay

Elev.: Gr. 3465'

Footage Location
660 feet from (N) (S) line 660 feet from (E) (W) line NE/4

DF KB 3470'

Principal Contractor Geologist
Murfin Drilling Company James Reeves

Spud Date Total Depth P.B.T.D.
5-15-78 4700'

Date Completed Oil Purchaser
5-23-78 None

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
Surf. Csg.	12 1/2"	8 5/8"	24#	293	60-40 Pozmix	250	3% Sunset
Prod. Csg.	7 7/8"	4 1/2"	9.5#	1475'	Class A Class A Latex	75 50	10% salt, 3/4% CFP -2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Jets	1342-45'
			4	Jets	1348-52'
			4	Jets	1355-63'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Fracture w/250 bbls. KCL Water, 300 sx Sand & 250,000 SCF	
N ₂ in 80% Quality Foam	Above perms.

INITIAL PRODUCTION

Date of first production 7/7/78	Producing method (flowing, pumping, gas lift, etc.) Flowing
RATE OF PRODUCTION PER 24 HOURS	Oil bbls. Gas MCF Water bbls. Gas-oil ratio CFPB
	----- 129 -----

Disposition of gas (vented, used on lease or sold) VENTED DURING TEST - SHUT IN GAS WELL
Producing interval (s) 1342-1363'

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
Murfin Drilling Company

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

Well No. 1 Lease Name Shay

S 3 T 3S R 29 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	NAME	DEPTH
Surface soil, sand & rock		255'	NIOBRARA	1332'
Shale		1500	T/ANHYDRITE	3336
Shale and Sand		2446	B/ANHYDRITE	3366
Shale and Shells		2850	TOPEKA	4160
Shale		3122	LKC	4370
Anhydrite		3159	BKC	4675
Shale		3255	RTD	4700
Shale and Lime		3960		
Lime and Shale		4365		
Lime		4450		
Lime and Shale - RTD		4700		
DST #1: 4330-4450'/30-45-30-45. Wk blow, rec. 15 'M. FP: 70/70-75/80#, SIP: 137-130#; HSP: 2180#.				

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

Date Received

Wm. S. Shropshire
Signature
Wm. S. Shropshire, Asst. General Manager
Title
September 27, 1978
Date