

KANSAS DRILLERS LOG

API No. 15 — 179 — 20,495
County Number

Operator

A. Scott Ritchie

Address

Suite 950 - 125 N. Market: Wichita, Ks. 67202

Well No.

1

Lease Name

Glasgow

Footage Location

440 feet from (N) XX line 440 feet from (E) (W) line

Principal Contractor

Murfin Drilling Co.

Geologist

Terry McLeod

Spud Date

12/13/77

Total Depth

4015'

P.B.T.D.

Date Completed

1/13/78

Oil Purchaser

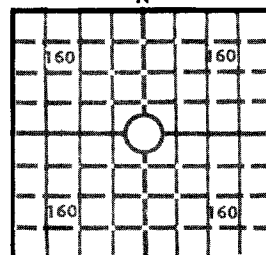
Clear Creek

S. 20 T. 6S R. 26 E W

Loc. 440' FNL & 440' FWL of NE/4

County Sheridan

640 Acres



Locate well correctly

Elev.: Gr. 2650'

DF KB 2655'

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#	352'	common	280	quickset
production		4 1/2"		3999'	60-40 pos	135	10% salt; 10 bbl brine pre-flush

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	D.P.	3874' - 3878'
			2	D.P.	3838' - 3842'
			2	D.P.	3824' - 3828'

TUBING RECORD

Size	Setting depth	Packer set at			
2 3/8"	4011'				

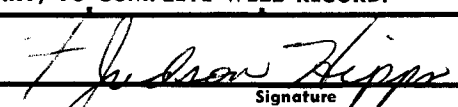
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
3000 gals 28% demulsified acid	3826'; 3840'; 3875'; 3925'

INITIAL PRODUCTION

Date of first production March 29, 1978	Producing method (flowing, pumping, gas lift, etc.) pumping
RATE OF PRODUCTION PER 24 HOURS	Oil Swabbed 19.92 bbls/6 hrs. Gas bbls. Water bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) --	Producing interval(s) 3824' - 3828'

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 A. Scott Ritchie		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: oil	
Well No. 1	Lease Name Glasgow		
S <u>20</u> T <u>6S</u> R <u>26</u> ^K _W			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME DEPTH
DST #1 3809'-3835' Rec. 15' muddy oil (96% oil, 4% mud), 60' muddy oil (70% oil, 30% mud), 60' slightly oil cut mud (5% oil, 95% mud). IFP 90-90#/45"; IBHP 588#/45"; FFP 113-113#/45"; FBHP 566#/45". DST #2 3832'-3849' Rec. 65' slightly oil cut mud (6% oil, 94% mud), 60' mud with few spots of oil (1% oil, 99% mud). IFP 68-68#/45"; IBHP 454#/45"; FFP 68-68#/45" (partial plugging); FBHP 408#/45". DST #3 3862'-3932' Rec. 120' mud and 5' mud with few specks of oil. IFP 113-113#/30"; IBHP 1227#/45"; FFP 147-136#/30"; FBHP 1205#/45".			ELECTRIC LOG TOPS: Anh 2257' (+ 398) B/Anh 2290' (+ 365) Elmont 3424' (- 769) Howard 3459' (- 804) Top 3508' (- 853) Heeb 3711' (-1056) Tor 3738' (-1083) Lans 3756' (-1101) B/Kc 3958' (-1303) LTD 3965' (-1310)
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 _____ Signature _____ Geologist _____ Title March 30, 1978 _____ Date		

State Geological Survey

WICHITA BRANCH

WELL LOG

15-119-20495

20-6-26W

COMPANY A. Scott Ritchie

SEC. 20 T. 6S R. 26W
LOC. 440' fNL & 440' fWL of NE/4

FARM GLASGOW NO. 1

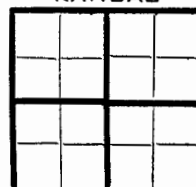
RIG. NO. 15

TOTAL DEPTH 4015'

COMM. 12-13-77 COMP. 12-22-77

COUNTY Sheridan
KANSAS

CONTRACTOR Murfin Drilling Company



CASING

20 10
15 8 -5/8" @ 352' w/280 sx.
12 6
13 5
4 1/2" @ 3999' w/130 sx.

ELEVATION

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

290'	Clay & Sand
2254'	Shale
2291'	Anhydrite
2810'	Shale
3515'	Shale & Lime
4015'	Lime