

KANSAS DRILLERS LOG

API No. 15 — 101 — 20 038
County Number

Operator

MURFIN DRILLING COMPANY

Address

617 Union Center, Wichita, Kansas 67202

Well No.

1

Lease Name

NIMOCKS-JOHNSON

Footage Location

660 feet from (S) line 660 feet from (E) line NE/4

Principal Contractor

Murfin Drilling Company

Geologist

Orlin R. Phelps

Spud Date

6-28-73

Total Depth

4525' RTD

P.B.T.D.

4500'

Date Completed

7-11-72

Oil Purchaser

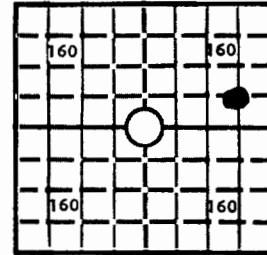
Clear Creek, Inc.

S. 16 T16S R28 E

Loc. C SE NE

County Lane

640 Acres
N



Locate well correctly

Elev.: Gr. 2672

DF KB 2677

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"		165'		135	
Prod	12 1/4"	5 1/2"		4523'	densified	250	

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
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PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3	Jumbo Jets	4397-4401
					4382-86
					4352-55
					4344-47

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	4492'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
350 gal SME 15% acid, 1750 gal SR -31-28% retarded acid,	4397-4401, 4382-86
250# gal DA 50 plug	"
350 gal SME 15% acid, 1750 gal SR -31-28% retarded acid, 12 BSW, 250# gal DA 50 plug	4352-55, 4344-47

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
10-7-72	pumping

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

Disposition of gas (vented, used on lease or sold)	Producing interval(s)
	4397-4401, 4382-86, 4352-55, 4344-47

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.

DST #9: 4403-52/30-30-30-30, weak blow 17" flush tool. Recovered 10' mud NS. (IBHP 76#, IFP 76#, FFP 76#, FBHP 76#)

.rator Murfin Drilling Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil		
Well No. 1	Lease Name Nimocks-Johnson			
S 16 T 16S R 28 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
ELECTRIC LOG TOPS:				
Shale - sand	0	100	Anhydrite	2081
Shale	100	670	Topeka	3560
Sand	670	795	Heebner	3842
Shale	795	1570	Toronto	3861
Shale - sand	1570	2084	Lansing	3880
Anhydrite	2084	2125	B.K.C.	4205
Shale	2125	2445	Pawnee	4306
Lime & shale	2445	2910	Ft. Scott	4380
Lime	2910	4525	Cherokee	4403
			Conglomerate	4455
			Mississippi	4474
			R.T.D.	4524
DST #1: 3874-3905/30-45-90-60, weak steady blow. Recovered 230' muddy oil. IBHP 1179#, IFP 44#, FFP 120#, FBHP 1104#				
DST #2: 4031-4045/30-30-30-30, weak blow 13" flush. Recoved 30' mud w/oil spots. IBHP 1157#, IFP 33#, FFP 55#, FBHP 1126#				
DST #3: 4041-4097/30-45-30-45, weak intermittent blow 30", flush tool on 2nd open - dead. Recovered 75' OCM, 1' free oil in top of tool. IBHP 1211#, IFP 44#, FFP 76#, FBHP 1179#				
DST #4: 4096-4125/30-45-60-45, good blow. Recovered 180' gas in pipe, 410' GMCO, 240' clean oil 38 degree, 30' OCWM. IBHP 1200#, IFP 76#, FFP 284#, FBHP 1189#				
DST #5: 4026-4061/30-45-60-60, good blow. Recovered 500' clean oil 37 degree 90' muddy oil, 130' OCSW. IBHP 1136#, IFP 66#, FFP 306#, FBHP 1094#				
DST #6: 4160-4230/30-45-30-45, weak blow 30" flush. Recovered 90' SOCM. IBHP 1211#, IF 55#, FFP 109#, FBHP 1136#				
DST #7: 4240-4310/30-30-30-30, weak blow 6". Recovered 15' mud NS. IBHP 66#, IFP 55#, FFP 66#, FBHP 76#				
DST #8: 4310-4398/30-45-90-60, fair - good blow, Recovered 124' OCM, 310' VHOGCM (50%oil). IBHP 1232#, IFP 87#, FFP 284#, FBHP 1243#				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	Signature JAMES R. DANIELS, General Manager Title June 28, 1973 Date			