State Geological Survey
WICHITA BRANCH

15-091-20100

KANSAS DRILLERS LOG

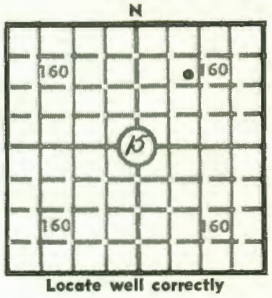
S. 15 T. 14 R. 22 E W

API No. 15 — 091 (County) — 20,100 (Number)

Loc. SE NW NE

County Johnson

640 Acres
N



Locate well correctly

Operator: Mo-Kan Oil Group

Address: 1044 Cedargate Drive St. Louis, Mo. 63122

Well No.	Lease Name
#11	Knabe

Footage Location: 1,100 feet from (N) (S) line — 1,540 feet from (E) (W) line

Principal Contractor	Geologist
Kent Drilling Co.	Dick Rader

Spud Date	Total Depth	P.B.T.D.
Oct. 26, 1977	872	

Date Completed	Oil Purchaser
April 4, 1978	Bluebird Oil Co.

Elev.: Gr. _____

DF _____ KB _____

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.	10	7	26	30	common	6	
Prod.	6¼	4½	10.5	840	Pozmix	120	pozmix, gel, salt, flo-seal

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2"	823	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	½ jet	825-829

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
60 sx. sand W/150 bbl. oil	825-29

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
April, 7, 1978	Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	10 bbls.	MCF	4 bbls.	CFPB

Disposition of gas (vented, used on lease or sold)	Producing interval(s)
	825-29

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.

15-14-22 E

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Mo-Kan Oil Group	oil

Well No.	Lease Name
11	Knabe

S 15 T 14 R 22 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
Soil & Clay	0	3		
Lime	3	20		
Shale	20	26		
Lime	26	34		
Shale	34	41		
Lime	41	55		
Shale	55	83		
Lime	83	156		
Shale	156	189		
Lime	189	198		
Shale	198	216		
Lime	216	222		
Shale	222	225		
Lime	225	236		
Shale	236	278		
Lime	278	307		
Shale	307	313		
Lime	313	337		
Shale	337	340		
Lime	340	347		
Shale	347	350		
Lime	350	357		
Shale	357	528		
Lime	528	539		
Shale	539	544		
Lime	544	550		
Shale	550	568		
Lime	568	572		
Shale	572	588		
Lime	588	591		
Shale	591	696		
Sandy Shale	696	706	Squirrel	696-706
Shale & Shells	706	821		
Sand Oil	821	828	Bartlesville	821-828
Shale	828	872 TD		

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

Date Received

Leo Colburn
Signature

Operator
Title

April 8, 1978
Date

53038