

KANSAS

ECC

State Geological Survey
WICHITA BRANCH

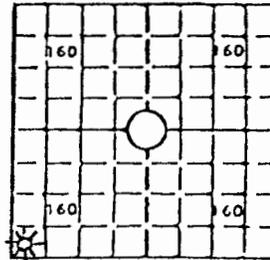
WELL COMPLETION REPORT AND
DRILLER'S LOG

S. 15 T. 19S R. 40 W

Loc. C SW SW SW

County Greeley

640 Acres
N



Elev.: Gr. 3581'

DF 3586' KB 3588'

No. 15 — 071 — 20213
County Number

Operator
Bartling Oil Company

Address
711 Polk, Suite 730

Well No. #1 Lease Name Liljegren

Footage Location
330 feet from (N) (S) line 330 feet from (E) (W) line

Principal Contractor Lakin Drilling Company Geologist Theodore A. Bartling

Spud Date 10-17-80 Date Completed 12-14-80 Total Depth 2940' P.B.T.D.

Directional Deviation none Oil and/or Gas Purchaser Sunflower Electric Cooperative

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	Socks	Type and percent additives
Surface	12 1/4"	8 5/8"	20#	292'	Class H	225	3% CaCl 1/4# flocele
Production	7 7/8"	4 1/2"	9.5#	2942'	Class H	450	4.5% prehydrated gel 1/4# flocele
					50/50 Pozmix	150	18% Salt, .75% CFR-2 1/4# flocele

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
			1	3 1/8	2862' - 2863'
			1	3 1/8	2867' - 2873'
Size 2 3/8	Setting depth 2848	Packer set at	1	3 1/8	2878' - 2880'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized: 500 gallons 15% HCL	2862' - 2880'
Fracture: 15,000 gallons gelled 2% KCL water with 22 1/2 tons	
CO ₂ and 20,000 gallons 20/40 mesh sand	

INITIAL PRODUCTION

Date of first production Producing method (flowing, pumping, gas lift, etc.)
flowing

RAI PER PRODUCTION HOURS	Oil 0 bbls.	Gas 914 MCF	Water 20 bbls.	Gas-oil ratio	CFPB
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Disposition of gas (vented, used on lease, or sold) vented Producing interval(s) 2862' - 2880'

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, 245 No. Water, Wichita, Kansas 67202. 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.

DESIGNATE TYPE OF COMPLETION: OIL, GAS, DRY HOLE, SWD, ETC.:

Bartling Oil Company

Gas

Well No. S 15 T 19 S R 40

Lease Name Liljegren

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
No Cores or Drill Stem Test			Base of Stone Corral	2488'
Perforated and Fractured:	2862'	2880'		
Flowed: 917 MCFPD at 350.4 psia			Logs: Compensated Density Compensated Neutron	1995'-2939'

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

Date Received

Theodore A. Bartling
Signature

Vice-President
Title

January 6, 1981
Date