

SE NW SE

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

API No. 15 — 009 — 20,730
County Number

Operator

Bergman Oil Co.

Address

425 Union Center Wichita, Kansas 67202

Well No.

#3

Lease Name

Besthorn

Footage Location

1650 feet from (N) (S) line 990 feet from (E) (W) line

Principal Contractor

Bergman Drilling, Inc.

Geologist

Harold Bergman

Spud Date

4/14/73

Total Depth

3409

P.B.T.D.

Date Completed

5/2/73

Oil Purchaser

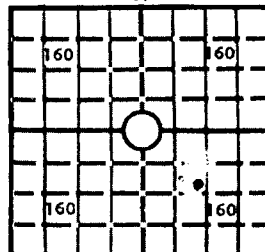
N.C.R.A.

S. 23 T. 16 R. 11 E

Loc. SE NW SE

County Barton

640 Acres
N



Locate well correctly

Elev.: Gr. 1914

DF 1916 KB 1919

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"	8"		235	Common	160	
Oil	7 7/8	5"		3378	Common	150	12% Salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at
2"	3400	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal. 15% acid	3379 to 3409

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil 48 bbls.	Gas MCF	Water 72 bbls.	Gas-oil ratio CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s) Arb. 3379-3409		

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 Bergman Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil			
Well No. # 3	Lease Name Besthorn		23-16S-11W		
S 23 T 16S R 11 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	
DST 3115-3162 Open 1 hr. Rec. 120' gas 1200' gas cut salt water I.C.I.P. 768 I. F. P. 78-353 F. F. P. 368-533 F. C. I. P. 768			Heebner Shale	2946	
			Tronto Lime	2962	
			Douglas Shale	2979	
			Brown Lime	3046	
			Lansing KC Lime	3068	
			Conglomerate	3364	
			Arb. Dol.	3374	
			Rotary T.D.	3379	
			Cabletool T.D.	3409	
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.					
Date Received JUN 1973 RECEIVED STATE GEOLOGICAL SURVEY OF KANSAS	Signature Manager Title 5/22/73 Date				