WICHITA BRANCH

KANSAS DRILLERS LOG

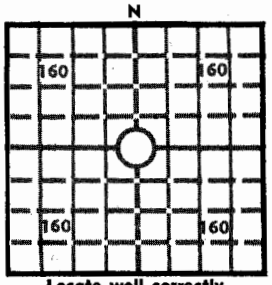
API No. 15 — 101 (County) — 20,246 (Number)

S. 1 T. 17 R. 29 E/W

Loc. NW NE NE

County Lane

640 Acres



Locate well correctly

Elev.: Gr. 2789

DF 2793 KB 2796

Operator: Mull Drilling Co., Inc.

Address: 415 Page Court Wichita, Kansas 67202

Well No.: #1

Lease Name: James "B"

Footage Location: 330 feet from (N) (S) line 990 feet from (E) (W) line

Principal Contractor: Blue Goose Drlg.

Geologist: Robert O. Wall

Spud Date: 9-3-77

Total Depth: 4600

P.B.T.D.:

Date Completed: 9-29-77

Oil Purchaser: Koch Oil Co.

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	12¼	8 5/8	20#	323	Common	190	3% CC 2% Gel
Production	7 7/8	5 1/2	14 & 15.5	4599	Common 50-50 Poz	50 75	2% Gel 18% Salt 3/4 of 1% CFR

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4		4396-4401
4		4372-84

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gals Mud Acid	4396-4401
1500 gals 15% NE Acid	4396-4401
2500 gals 15% NE Acid	4372-84

INITIAL PRODUCTION

Date of first production: 10-8-77

Producing method (flowing, pumping, gas lift, etc.): Pumping

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

Disposition of gas (vented, used on lease or sold):

Producing interval(s): Marmaton

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	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Mull Drilling Company, Inc.	

Well No.	Lease Name	
1	James "B"	Oil Well

S 1 T 17S R 29 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
Sand		165
Shale & Sand		325
Shale & Cement		353
Sand & Shale		1600
Shale, Shells & Snd		2012
Shale		2192
Anhydrite		2222
Shale & Shells		3520
Shale & Lime		3640
Shale & Shells		3790
Shale & Lime		4200
Lime		4263
Shale & Lime		4600 TD

NAME	DEPTH
LOG TOPS:	
Anhydrite	2189
Heebner	3928
Lansing	3969
B/KC	4300
Ft Scott	4472
Chero	4497
Miss	4568
LTD	4601

DST #1 4115-80/30-30-30-30, Stg blow btm bkt/12", Rec 930' Gas, 135' Cl Gsy Oil, 38° Grav, 125' Hvy OC Gsy Mud (20% Oil & 80% Mud), ISIP 1128#, IFP 75-100#, FFP 125-150#, FSIP 1103#

DST #2 4189-4200/30-45-30-60, Stg blow btm bkt/24", Rec 340' Wtr, ISIP 1115#, IFP 149-286#, FSIP 1115#, FFP 223-298#

DST #3 4218-63/30-30-30-30, Stg blow btm bkt/3", Rec 1740' Gas, 72' Hvy OC Gsy Mud, 500' Gsy Fluffy MCO, 600' Cl Gsy Oil 34° Grav, 280' Wtr, ISIP 1138#, IFP 199-435# FFP 497-628#, FSIP 1115#

DST #4 4475-4525/30-30-30-30, Weak blow/4" died, flushed tool, good surge, no help, Rec 25' Oil Spkd Mud, IHH 2259#, ISIP 200#, IFP 75-75#, FFP 75-75#, FSIP 100#, FHH 2163#, Temp 128°

DST #5 4520-55/30-45-60-60, Weak steady blow thruout, Rec 40' Vy Sl OC Wtry Mud, ISIP 1161#, IFP 99-99#, FFP 124-124#, FSIP 115#, Temp 128°

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

Date Received

Signature

Title

Date

WICHITA, BRANCH

WELL LOG
James B #1
NW NE NE Sec. 1-17S-29W
Lane County, Kansas

Name of Operator: Mull Drilling Co., Inc.
415 Page Court, 220 W. Douglas
Wichita, Kansas 67202

Date Completed: September 16, 1977

FROM	TO	
0	165	Sand
165	325	Shale and Sand
325	353	Shale and cement
353	1600	Sand and shale
1600	2012	Shale, shells and sand
2012	2192	Shale
2192	2222	Anhydrite
2222	3520	Shale and shells
3520	3640	Shale and lime
3640	3790	Shale and shells
3790	4200	Shale and lime
4200	4263	Lime
4263	4600	Shale and lime
4600		Total Depth

SEP 2

STATE OF KANSAS

COUNTY OF BARTON ss

George E. Miller, Jr., President of Blue Goose DrillingCo., Inc. being first duly sworn on oath says: That I have knowledge of the facts, statements and matters herein contained and the log of the above described well as filed and that the same are true and correct.

George E. Miller, Jr.
George E. Miller, Jr.

Subscribed and sworn before me this 20th day of September, 1977.

Mary Ann Schwambom
Notary Public Barton County, Kansas