KANSAS

IMPORTANT
Kans. Geo. Survey request samples on this well.

State Geological Survey
WICHITA BRANCH

WELL COMPLETION REPORT AND DRILLER'S LOG

RECEIVED
JAN 02 1981
KANSAS GEOLOGICAL SURVEY

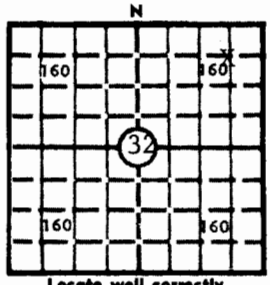
S. 32 T. 23 R. 23 E/W

API No. 15 — 083 (County) — 20798 (Number)

Loc. NE NE

County Hodgeman

640 Acres



Locate well correctly

Elev.: Gr. 2407'

DF ____ KB 2111'

Operator: K. R. M. Petroleum Corp.

Address: 820 Guaranty Bank Bldg., Denver, Colo 80202

Well No. #1 | Lease Name: Bollinger

Footage Location: 660 feet from (N) (S) line | 660 feet from (E) (W) line

Principal Contractor: Abercrombie Drilling | Geologist: J. Copeland Landes

Spud Date	Date Completed	Total Depth	P.B.T.D.
6/2/81	7/17/81	4735'	4690'

Directional Deviation: None | Oil and/or Gas Purchaser: Koch Oil Company

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"	24#	663'	lite	160	2% gel & 3% CC
					common	150	2% gel & 3% CC
production	7-7/8"	5½"	14#	4731'	common	50	.5% CFR-2,5# gil.
					50/50 Pozmix	120	18% salt, .75% CFR-2
							10# gilsonite

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	4433'	4433'

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	csg. gun	4669'-4671'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized well w/1500 gals. Mod 202 acid	4669'-4671'

INITIAL PRODUCTION

Date of first production: 7/17/81

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

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

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

Producing interval(s): 4669'-4671'

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.

C-10-1972

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
K.R.M. PETROLEUM CORPORATON	
Well No. 1 / **Lease Name** Bollinger	Oil Well
S 32 T 23 R 23 ~~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 #1: 4669'-4683' (Mississippi) IHP=2315 30" IFP=68-139 57" ISIP=1380 60" FFP=173-282 114" FSIP=1365 FHP=2315 Rec. 240' GIP, 485' CGO, 120' OCM. Initial flow period wk. building to strong blow in fifteen minutes. Final flow period wk. blow & building. Ran Petro-Log Radiation Guard Log and Compensated Density Log and Gamma Ray Log.			Anhydrite Heebner LKC BKC Ft. Scott Cherokee Mississippi	1560 (- 650) 3948 (-1536) 4012 (-1600) 4416 (-2004) 4564 (-2152) 4588 (-2176) 4658 (-2246)

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

Date Received

Dwayne G. Krugman
Signature

Dwayne G. Krugman, Senior Production Engineer
Title

1/27/82
Date

State Geological Survey
WICHITA BRANCH

32-23-23W

CONTRACTOR'S WELL LOG

OPERATOR:	KRM Petroleum
CONTRACTOR:	Abercrombie Drilling, Inc.
WELL NAME:	BOLLINGER #1-32
LOCATION:	C NE NE, Section 32-23S-23W Hodgeman County, Kansas
SPUD DATE:	6/02/81
COMPLETION DATE:	6/12/81

0	315	Clay & Sand
315	667	Clay, Sand & Shale
667	1520	Sand & Shale
1520	1560	Shale - Red Beds
1560	1585	Anhydrite
1585	2070	Shale - Red Beds
2070	2413	Shale & Sand
2413	2567	Sand & Shale
2567	2718	Shale & Shells
2718	2879	Shale & Sand
2879	3013	Sand & Shale
3013	3170	Shale & Shells
3170	3328	Shale & Sand
3328	4448	Shale & Lime
4448	4512	Lime & Shale
4512	4657	Shale & Lime
4657	4683	Lime & Shale
4683	4735	Shale & Lime
	4735	Rotary Total Depth

Spud hole @ 4:30 p.m.,6/02/81. Ran 16 jts. of 8 5/8" casing (24#) set @ 662.99 Cemented with 160 sacks of Halliburton Lite, 2% Gel, 3% C.C. Cement did circulate. Plug down @ 10:15 p.m., 6/03/81.

T.D. @ 4735'. Ran 117 jts. of 5½" - 14# casing set @ 4732.75'. Cemented with 50 sacks of common ½# CFR-2 5# Gilsinite Flush followed with 120 sx. of 50-50 posmix, 18% Salt, 3/4% CFR-2, 10# Gilsinite per sack. Plug was down @ 2:00 p.m., 6/12/81.

SAMPLE TOPS:

Anhydrite 1561'
B/Anhydrite 1585'

RECEIVED
STATE CORPORATION COMMISSION
JUN 24 1981
CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS

COUNTY OF SEDGWICK