

KANSAS ★

WELL COMPLETION REPORT AND
DRILLER'S LOG

State Geological Survey
WICHITA BRANCH

S. 30 T. 18s R. 6 W

Pl Ind

API No. 15 — 159 — 21,256
County Number

CONFIDENTIAL

Loc. SE NW NE

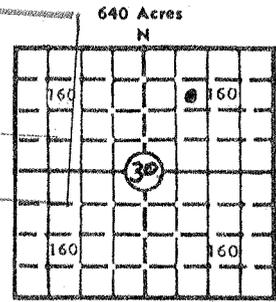
County Rice

Operator
R & B Petroleum, Inc.

Address
P.O. Box 1065, Great Bend, KS 67530

RELEASED
Date: 13 AUG 1982
FROM CONFIDENTIAL

Well No. 1 Lease Name Hodgson 'B'



Footage Location
990 feet from (N) line 1650 feet from (E) line

Principal Contractor Allen Drilling Co. Geologist Robert D. Dougherty

Spud Date Sept. 8, 1981 Date Completed Oct. 7, 1981 Total Depth 3204 ft. P.B.T.D.

Directional Deviation 1/2° Oil and/or Gas Purchaser NCRA

Elev.: Gr. 1651 ft.
DF 1652 ft. KB 1656 ft.

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 1/4"	8 5/8"	20#	219 ft.	60/40 Pozmix	130	2% gel, 3% CaCl
Production	7 7/8"	4 1/2"	9.5#	3194 ft.	60/40 Pozmix	125	18% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth Interval
				Welex SSB	2992 - 2997
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acid 500 Dowell XW-35	2992 - 2997
Acid 2000 Dowell XW-35	2992 - 2997

INITIAL PRODUCTION

Date of first production 10/9/81	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 4 bbls. Gas MCF Water 16 bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval(s)

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 trans- mitted 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.

Operator
R & B Petroleum, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Well No.
1

Lease Name
Hodgson 'B'

Oil Well

S 30 T 18s R 6 E W SE NW NE

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 2980 - 3010 ft.				
Times: 30"-60"-30"-60"			Log Tops:	
Blow: Weak blow died in 30 minutes.			Heebner	2557
Rec: 65 ft. Oil Cut Mud			Douglas	2598
ISIP: 1182# IFP: 35-35#			Brown Lime	2684
FSIP: 1158# FFP: 59-59#			'White' Lime	2725
			Lansing	2734
			Base KC	3088
			Marmaton	3094
			Cherokee	3151
			Cong. Sand	3168
			Kinderhook	3175
			RTD	3204
			Log TD	3200
			Log by Wellex:	Gamma, SWN, Guard

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

Date Received

Robert D. Dougherty
Signature

Robert D. Dougherty - Geologist
Title

November 4, 1981
Date

SEP

DRILLER'S WELL LOG

DATE COMMENCED: 9/08/81
DATE COMPLETED: 9/13/81

R & B Petroleum, Inc.
HODGSON "B" No. 1
SE NW NE
Sec. 30, Twp. 18S, Rge 6W,
Rice County, Kansas

ELEVATION: 1651' G.L.
1656' K.B.

FORMATION DATA:

Tight hole

SURFACE PIPE:

Ran 5 jts. new 20# 8-5/8"
casing; Tally: 207'
Set @ 214' w/ 130 sks 60/40
poz., 2% gel, 3% cc.,
cemt. circ., Plug down @
7:10 PM, 9/8/81 By Sun

PRODUCTION PIPE:

Ran 76 jts. 4 1/2" 9.5# csg.
Tally: 3194'
Set @ 3194' w/125 sks 60/40
poz., 18% salt, flush
Plug down 9:55 AM, 9/13/81
By Howco

RECEIVED
STATE CORPORATION COMMISSION

A F F I D A V I T

SEP 21 1981

STATE OF KANSAS)
COUNTY OF BARTON) ss.

CONSERVATION DIVISION
Wichita Kansas

Roy Goans, of lawful age, does swear and state that the
facts and statements herein contained are true and correct to the best

30-18-6W

R & B Petroleum, Inc.
COMPANY

LEASE Hodgson 'B'	WELL NO. 1
AREA NAME Little River	PROJECT NO.

INDIVIDUAL WELL RECORD API # 15-159-21,256

LOCATION SECTION SE NW NE Sec. 30	TWP/BLK 18s	RNG/SURVEY 6W	COUNTY Rice	STATE Kansas
FIELD	TYPE COMPLETION <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER		ELEVATION G.L. 1651 ft. KB 1656 ft.	
DRILLING CONTRACTOR Allen Drilling Co.		COMPLETION CONTRACTOR D S & W		PERMANENT DATUM FT. ABOVE G.L. 5 ft.
TOOLS	DATE COMMENCED	DATE COMPLETED	DEPTH FROM TO	CONTRACT PRICE PER FOOT DAY WORK W/D.P. \$ WO/D.P. \$
ROTARY	9/8/81	9/13/81	0 3204	Geologist: Robert D. Dougherty
COMPLETION	10/5/81	10/7/81		Completion: Lee Roy Legleiter

HOLE		CASING				CEMENT			
SIZE	DEPTH	SET AT	SIZE	WEIGHT	GRADE	COND	# SX	TYPE	CMT. TOP
12 1/4"	219 ft.	219 ft.	8 5/8"	20#		New	130	60/40 Pozmix	Circ.
7 7/8"	3204 ft.		4 1/2"	9.5#		New	125	60/40 Pozmix	

INTERVAL	FORMATION	RECOVERY AND DESCRIPTION (Full analysis submitted separately)
2991-2998:	Lansing K: ϕ 21-24%, S_w :	L.S.: ool.&foss, ooc&foss.cast. ϕ , fair show oil
3168-3175:	Cg.Sd.: ϕ 8-9%, S_w 58-75%:	SS: f-mg, well cem, tite-no show

INTERVAL	FORMATION	TIME OPEN	RECOVERY & PRESSURE DATA (Full analysis submitted separately)
2980 - 3010:	Lansing K: 30-60-30-60	died 30"	65' OCM 1182-1158#

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

APR 13 1989

TYPE LOG	LOGGING COMPANY	INTERVAL LOGGED	REMARKS
Gamma-SWN-Gd-Calip/	Welex	2990 - 3200	5" detail 2500' TD \$2535

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CONSERVATION DIVISION
Wichita, Kansas

PERFORATED INTERVALS: 2992 - 2997	PERFORATING COMPANY Welex	NO. SHOTS PER FOOT
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PRODUCING FORMATION(S) Lansing 'K' Zone DEPTH, TOP OF FORMATION 2991 ft.

ZONES TO BE TESTED BEFORE ABANDONMENT:

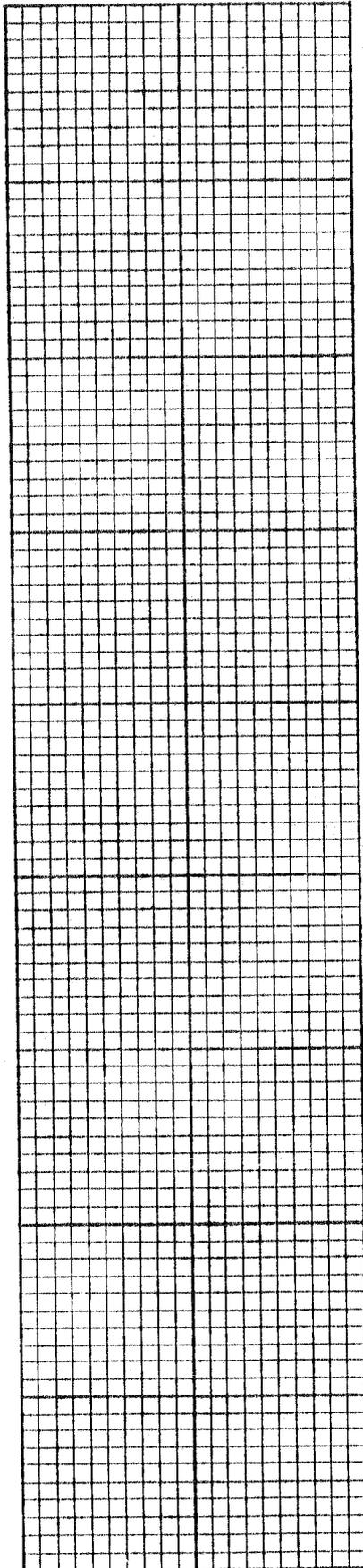
DATE FIRST PROD.	ZONE	BOPD	OIL GVTY.	BWPD	GAS MCFD.	GOR	BHP
10/9/81	Lansing 'K'	4		16			

FLOWING PRESSURE	CHOKE SIZE	SHUT IN PRESSURE
TUBING:	CASING:	TUBING:
PUMPING	SPM:	STROKE LENGTH:

COPY

315 501 600 TULSA OK 74101

30-12-08
 SCHEMATIC OF DOWNHOLE EQUIPMENT



PURCHASER:
 OIL
 GAS WELL GAS:
 CSG. HD. GAS:

DRILLING DATA

BRIEF RESUME ON MUD SYSTEM, LOST CIRCULATION ZONES,
 FISHING, DRILLING PROBLEMS, MUD COSTS.
 Mud by Baroid - No Problems

Log Tops:

Heebner	2557	- 901	'X' Marker	3130	-1474
Douglas	2598	- 942	Cherokee	3151	-1495
Brown Lime	2684	-1028	Congl. Sd.	3168	-1512
White Lime	2725	-1069	Kinderhook	3175	-1519
Lansing	2734	-1078	Rotary TD	3204	-1548
Base 'G'	2906	-1250	Log TD	3200	-1544
Base 'J'	2988	-1332			
'K'	2991	-1335			
'L'	3028	-1372			
'M'	3060	-1404			
Base KC	3088	-1432			
Marmaton	3094	-1438			

COMPLETION DATA

BRIEF RESUME ON PROCEDURE

Perf: 2992 - 2997
 Swb. dry w/show oil
 A/500 Dowell XW-35 \$ 2BFPH/2 hrs. (1% oil)
 A/2000 Dowell XW-35 \$ 6BFPH/2 hr (12% oil)
 FU 2000 ft./12 hrs. Swb 3 BFPH/1 hr (15% oil)

EQUIPMENT

TUBING	SIZE	TYPE		GRADE	
	NO. JOINTS	DEPTH		S.N. DEPTH	
	WAS TUBING RUN OPEN ENDED <input type="checkbox"/> YES <input type="checkbox"/> NO				
PACKER	SIZE	MAKE			
	TYPE	SETTING DEPTH			
RODS	SIZE	NO.	SIZE	NO.	
	SIZE	NO.	SIZE	NO.	
SUB SURFACE PUMP		MAKE		SIZE	TYPE
PUMPING UNIT		MAKE			SIZE
PRIME MOVER		MAKE			SIZE/H.P.
SPECIAL EQUIPMENT					
REMARKS					