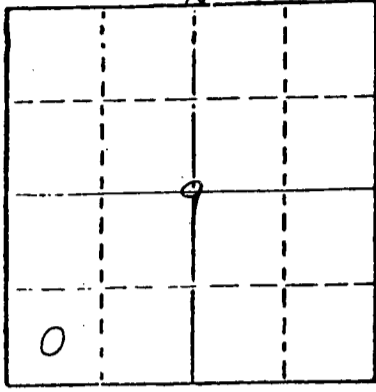


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Logan County, Sec. 9 Twp. 12S Rge. 33 ~~E~~/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines _____
C SW SW
Lease Owner Abercrombie Drilling, Inc.
Lease Name Koch Well No. 1
Office Address 801 Union Center, Wichita, Kansas 67202
Character of Well (Completed as Oil, Gas or Dry Hole) _____
Dry hole



Locate well correctly on above
Section Plot

Date Well completed Nov. 4, 1977
Application for plugging filed (verbally) Nov. 4, 1977
Application for plugging approved (verbally) Nov. 4, 1977
Plugging commenced Nov. 4, 1977
Plugging completed Nov. 4, 1977
Reason for abandonment of well or producing formation _____
No commercial quantity of oil or gas encountered
If a producing well is abandoned, date of last production 19__

Was permission obtained from the Conservation Division or
its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Gilbert Balthazor
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4746
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT

Describe in detail the manner in which the well was plugged, indicating where the mud fluid
was placed and the method or methods used in introducing it into the hold. If cement or other
plugs were used, state the character of same and depth placed, from _____ feet to
_____ feet for each plug set.

Set 1st plug at 1300' with 70 sacks
2nd plug at 300' with 20 sacks
3rd plug at 40' with 10 sacks
Cemented with 50/50 posmix, 6% gel
Plug was down at 8:00 a.m., November 4, 1977

NOV 4 1977
11-15-1977
CONSERVATION DIVISION
WICHITA, KANSAS

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Abercrombie Drilling, Inc.

STATE OF Kansas COUNTY OF Sedgwick, ss.
Jack L. Partridge, Ass't. Sec.-Treas. (employee of owner) or (owner or operator)
of the above-described well, 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. So help me God.

(Signature) Jack L. Partridge
801 Union Center, Wichita, Kansas 67202
(Address)

SUBSCRIBED AND SWORN TO before me this 14th day of November, 1977

Sandra Richman
Sandra Richman Notary Public.

My commission expires July 21, 1979



KANSAS DRILLERS LOG

S. 9 T. 12S R. 33 ^E/_W

API No. 15 — 109 — 20094-00-00
County Number

Loc. C SW SW

County Logan

Operator
Abercrombie Drilling, Inc.

Address
801 Union Center, Wichita, Kansas 67202

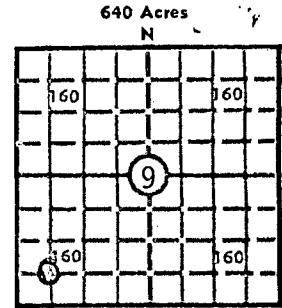
Well No. 1 Lease Name Koch

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

Principal Contractor Abercrombie Drilling, Inc. Geologist Orlin Phelps

Spud Date October 24, 1977 Total Depth 4746 P.B.T.D.

Date Completed November 4, 1977 Oil Purchaser -----



Elev.: Gr. 3119

DF 3122 KB 3124

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 1/2"	8-5/8"	28	318.45 KB	Common	200	2% gel 3% CaCl

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

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 NOV 15 1977
 11-15-1977
 CONSERVATION DIVISION
 WICHITA, KANSAS

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	MCF	bbls.	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 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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator

Abercrombie Drilling, Inc.

15-109-20094-00-00

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

Well No.

1

Lease Name

Koch

s 9 T 12S R 33 R 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 (4153-4185) 30", 60", 30", 60". Recovered 2170' sw. IFP 108-680, IBHP 1302, FFP 744-981, FBHP 1302. Temp. 121.			SAMPLE TOPS:	
DST#2 (4223-4255) 30", 60", 60", 60". Recovered 2' clean oil, 1393' ocs w - 2% oil. IFP 54-335, IBHP 1302, FFP 389-626, FBHP 1259. Temp. 121.			Anhydrite	2619 (+505)
DST#3 (4259-4302) 30", 60", 30", 60". Recovered 15' mud with spots oil. IFP 54-54, IBHP 54, FFP 65-65, FBHP 76. Temp. 122.			B/Anhydrite	2643 (+481)
DST#4 (4547-4617) 30", 45", 30", 45". Recovered 20' mud. IFP 54-54, IBHP 54, FFP 65-65, FBHP 76. Temp. 122.			Heebner	4032 (-908)
DST#5 (4604-4645) 30", 30", 30", 30". Recovered 60' mud. IFP 43-43, IBHP 43, FFP 43-54, FBHP 54. Temp. 124.			Toronto	4055 (-931)
Sand & shale	0	2616	Lansing	4074 (-950)
Anhydrite	2616	2643	Stark Shale	4307 (-1183)
Shale & shells	2643	3098	Fort Scott	4549 (-1425)
Shale & sand	3098	3296	Cherokee	4582 (-1458)
Shale & lime	3296	3864	Johnson Zone	4626 (-1502)
Lime & shale	3864	4185	ELECTRIC LOG TOPS:	
Lime	4185	4746	Anhydrite	2619 (+505)
Rotary Total Depth		4746	Heebner	4030 (-906)
			Toronto	4057 (-933)
			Lansing	4073 (-949)
			B/KC	4386 (-1262)
			Fort Scott	4554 (-1430)
			Cherokee	4583 (-1459)
			Johnson Zone	4628 (-1504)
			Mississippian	4705 (-1581)
			ELTD	4747 (-1623)
			RTD	4746 (-1622)

RECEIVED
STATE COMMISSION
NOV 15 1977
CONSERVATION DIVISION
Wichita, Kansas

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

Date Received

Jack L. Partridge

Signature

Jack L. Partridge, Ass't. Secretary-Treasurer

Title

November 14, 1977

Date