

15-109-20121-00-00

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. 8 Twp. 12S Rge. 33W E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines

SE SW NW

Lease Owner Abercrombie Drilling, Inc. & Moble Hoover

Lease Name Bertrand Well No. 1

Office Address 801 Union Center, Wichita, Kansas 67202

Character of Well (Completed as Oil, Gas or Dry Hole)

Dry Hole

Date Well completed Nov. 21 1978

Application for plugging filed (verbally) Nov. 21 1978

Application for plugging approved (verbally) Nov. 21 1978

Plugging commenced Nov. 21 1978

Plugging completed Nov. 21 1978

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

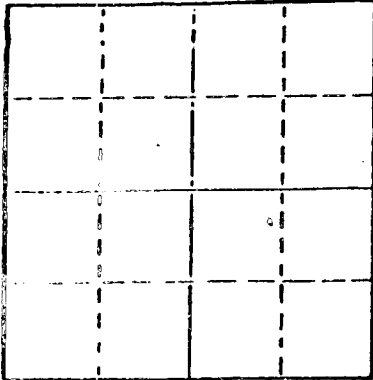
19

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 4760'

Show depth and thickness of all water, oil and gas formations.



Locate well correctly on above Section Flat

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.

T.D. 4760'.

Set 1st plug at 1400' with 70 sacks

2nd plug at 300' with 20 sacks

3rd plug at 40' solid bridge with 10 sacks

rathole with 2 sacks

Cemented with 50/50 posmix, 6% gel.

Plug was down at 6:00 a.m., 11-21-78.

12-08-1978

(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, Asst. 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 7th day of December, 19 78

Sherrie L. Brooks

Sherrie L. Brooks Notary Public.

My commission expires August 21, 1982

KANSAS DRILLERS LOG

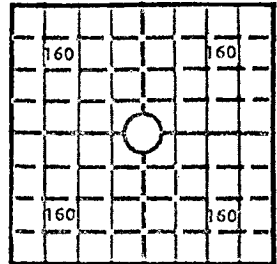
S. 8 T. 12S R. 33W E
W

API No. 15 — 109 — 20,121-00-00
County Number

Loc. SE SW NW

County Logan

640 Acres
N



Locate well correctly

Elev.: Gr. 3153'

DF 3156' KB 3158'

Operator
Moble C. Hoover & Abercrombie Drilling, Inc.

Address
801 Union Center, Wichita, Kansas 67202

Well No. 1 Lease Name Bertrand

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

Principal Contractor Geologist
Abercrombie Drilling, Inc. Greg Cheney

Spud Date Total Depth P.B.T.D.
November 11, 1978 4760'

Date Completed Oil Purchaser
November 21, 1978

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"	28#	310'	60/40 posmix	235	3% Ca. Cl. 2% Gel.

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

RECEIVED
DEC - 8 1978
12-08-1978

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 open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator: Moble C. Hoover & Abercrombie Drilling, Inc. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole

Well No. 1 Lease Name Bertrand

S 8 T 12S R 33WE 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
Clay, Sand & Shale	0	311	<u>SAMPLE TOPS:</u>	
Sand & Shale	311	1034		
Shale & Sand	1034	2285	Anhydrite	2642' (+ 516)
Shale	2285	2642	B/Anhydrite	2667' (+ 491)
Anhydrite	2642	2667	Heebner	4060' (- 902)
Shale	2667	2950	Toronto	4085' (- 927)
Shale & Lime	2950	3100	Lansing	4101' (- 943)
Lime & Shale	3100	4273	Pawnee	4525' (-1367)
Lime	4273	4760	Ft. Scott	4586' (-1428)
Rotary Total Depth		4760		
			<u>ELECTRIC LOG TOPS:</u>	
DST #1 (4250-4273') 30", 45", 30" 45"			Anhydrite	2640' (+ 518)
Rec. 120' mud.			Heebner	4056' (- 898)
IFP 52-52, IBHP 1255, FFP 62-62, FBHP 62			Toronto	4081' (- 923)
DST #2 (4308-4333') 30", 30", 30", 30"			Lansing	4096' (- 938)
Weak blow 23". Rec. 3' mud.			Miss.	4729' (-1571)
IFP 31-31, IBHP 31, FFP 31-31, FBHP 31			LTD	4758' (-1600)
DST #3 (4557-4615') 30", 30", 30" 30"			RTD	4760' (-1602)
Rec. 10' mud with few spts oil				
IFP 42-42, IBHP 892, FFP 42-52, FBHP 830				
Temp. 124°				

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

Date Received _____
 Signature: Jack L. Partridge
 Title: Jack L. Partridge, Asst. Sec.-Treas.
 Date: December 7, 1978.