

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

Rooks _____ County. Sec. 33 Twp. 9S Rge. 20W
Location as "NE/CNW 1/4 SW 1/4" or footage from lines _____

SW NW NE
Lease Owner A. H. Exploration
Lease Name Brueggeman Well No. 1

Office Address 700, 435-4th Ave. S.W., Calgary, Alberta
Character of Well (Completed as Oil, Gas or Dry Hole) _____

Dry Hole . T2P 3A8 CANADA

Date Well Completed _____

Application for plugging filed _____ 9-16-1981

Application for plugging approved _____ 9-16-1981

Plugging commenced _____ 9-16-1981

Plugging completed _____ 9-17-1981

Reason for abandonment of well or producing formation _____

Dry Hole

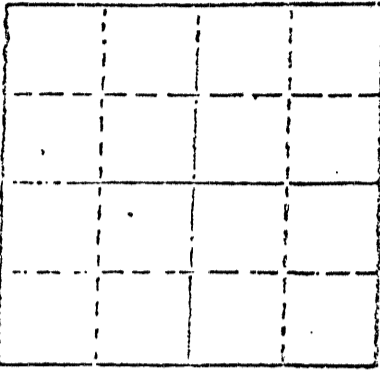
If a producing well is abandoned, date of last production _____ 1981

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 Gil Balthazor

Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well _____

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



Locate well correctly on above Section Plot

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8-5/8"	273'	-0-

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.

Mud laden fluid 4391' - 1100'
70 sks of cement @ 1100'
40 sks of cement @ 260'
10 sks of cement @ 40'
5 sks of cement in rathole.
Equipment left in hole.

RECEIVED
STATE CORPORATION COMMISSION
12/2/81
DEC - 2 1981

CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Emphasis Oil Operations

STATE OF KANSAS COUNTY OF RUSSELL, ss.

Joe K. Branum (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) Joe K. Branum

P. O. Box 506, Russell, KS. 67665-0506
(Address)

SUBSCRIBED AND SWORN TO before me this 18th day of September, 19 81.

Glenda R. Tiffin
Glenda R. Tiffin Notary Public.

My commission expires February 6, 1984.

Original filed with State Corporation Commission



EMPHASIS OIL OPERATIONS

P. O. Box 506

Russell, Kansas 67665-0506

DRILLERS LOG

OPERATOR: A. H. Exploration
700, 435 - 4th Avenue S. W.
Calgary, Alberta T2P 3A8
CANADA

CONTRACTOR: Emphasis Oil Operations
P. O. Box 506
Russell, Kansas 67665-0506

LEASE: Brueggeman WELL: #1

LOCATION: SW NW NE
Section 33-9S-20W
Rooks County, Kansas

Total Depth: 4391'

Elevation:

Commenced: 8-17-81

Completed: 9-17-81

Casing: 8-5/8" @ 273' with 160 sks cement

Status: Dry Hole
Equipment left in hole

DEPTHS & FORMATIONS

(All measurements from K.B.)

Topsoil & Sand	30'	Shale & Lime	2934'
Shale	1781'	Shale	3028'
Anhydrite	1815'	Lime	3347'
Shale	1990'	Lime & Shale	3971'
Shale & Lime	2217'	Lime (R.T.D.)	4391'
Shale	2562'		

RECEIVED
STATE CORPORATION COMMISSION
DEC - 2 1981
CONSERVATION DIVISION
Wichita, Kansas


STATE OF KANSAS)
) ss:
COUNTY OF RUSSELL)

I, Joe K. Branum, of Emphasis Oil Operations, state that the above and foregoing is a true and correct log of the above captioned well.

Joe K. Branum

Joe K. Branum

Subscribed and sworn to before me this 18th day of September, 1981.
My Commission Expires: February 6, 1984.

 **GLENDAS R. TIFFIN**
Russell County, Ks.
My Appt. Exp. 2-6-84

Glendas R. Tiffin

Notary Public

WELL COMPLETION REPORT AND DRILLER'S LOG

15-163-21355-00-0

API No. 15 — Rooks — 15-163-21,335
County Number

S. 33 T. 9S R. 20 W
SW NW NE

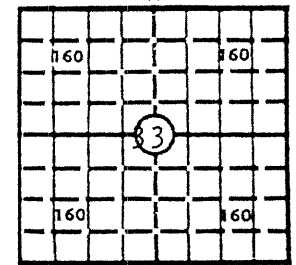
Operator
A. H. Exploration Ltd.

Address
#700, 435 - 4th Avenue, S.W., Calgary, Alberta T2P 3A8

Well No. 1 Lease Name Brueggeman

Loc. _____
County Rooks

640 Acres
N



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

Principal Contractor
Emphasis Drilling

Geologist

Spud Date
81-08-17

Date Completed
81-09-17

Total Depth
4391

P.B.T.D.
to surface

Locate well correctly
Elev.: Gr. 2171'

Directional Deviation

Oil and/or Gas Purchaser

DF _____ KB 2175'

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"	24#	275.51	Class A	160	2% gel + 3% CaCl ₂

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Size	Setting depth	Pecker set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Plug #1: 1100' - 785' Cement w/70 sx. 50/50 posmix + 6% gel	
Plug #2: 600' - 80' Cement w/40 sx. 50/50 posmix + 6% gel	
Plug #3: 40' to surface Cement w/10 sx. 50/50 posmix + 6% gel	

RECEIVED
STATE CORPORATION COMMISSION

DEC - 2 1981

INITIAL PRODUCTION

Date of first production _____ Producing method (flowing, pumping, gas lift, etc.) _____

CONSERVATION DIVISION
Wichita, Kansas

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, 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.

15-163-21355-00-00

A? H. Exploration Ltd.

Well No. 1	Lease Name Brueggeman	JUNKED AND ABANDONED
---------------	--------------------------	----------------------

S 33 T 9S R 20 ^K/_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: Simpson Conglomerate Times: 15,60,60,120 On preflow, weak air blow increasing to fair. On valve open, weak air blow decreasing to 0 pressure in 48 mins. Recovered 125' watery drilling mud. IHP 2160, FHP 2124, ISIP 1239, FSIP 1230. BHT: 115° F. Tool malfunction. Turns in shut in tool not preset properly.	3865'	3923'		
DST #2: Simpson Conglomerate Tool malfunction. Plugged.	3865'	3923'		
DST #3: Simpson Conglomerate Attempt to unseat packers. Could not rotate. Stuck.	3862	3922'		
LOGS: BHCS, CNL-FDC, DIL/SFL, Spectroscopy, MLL/Sidewall Proximity				
			Dakota Sand 1st Anhydrite 2nd Anhydrite Topeka Heebner Toronto Lansing Bsl. K Congl. Conglomerate Arbuckle Granite Wash	934' 1502' 1773' 3323' 3530' 3533' 3559' 3780' 3857' 3986' 4367'

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

Date Received	<div style="text-align: center; margin-bottom: 10px;">  _____ Signature </div> <div style="text-align: center; margin-bottom: 10px;"> Senior Drilling Engineer _____ Title </div> <div style="text-align: center;"> October 1, 1981 _____ Date </div>
---------------	---