

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Bldg.
Wichita, Kansas 67202

Form CP-4
Rev. 12-15-80

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit

COUNTY Stafford SEC. 3 TWP. 24S RGE. 13W E/W
Location as in quarters or footage from lines:
C SW NE

Locate Well
correctly on above
Section Platt.

Lease Owner Abercrombie Drilling, Inc.
Lease Name Hahn Well No. 1
Office Address 801 Union Center, Wichita, Kanaas 67202
Character of Well (Completed as Oil, Gas or Dry Hole): Dry
Date Well Completed 7-27-81
Application for plugging filed 7-27-81
Plugging commenced 8:30 AM 7-27-81
Plugging completed 9:45 AM 7-27-81
Reason for abandonment of well or producing formation Dry

Was permission obtained from the Conservation Division or it's
Agent's before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well J. H. Metz

Producing formation Depth to top bottom T.D. 4010'

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
<u>Sand Shale & Red Bed</u>		<u>0</u>	<u>316</u>	<u>8 5/8"</u>	<u>316</u>	<u>0</u>

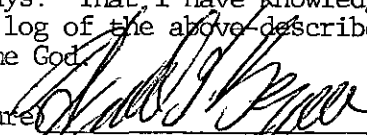
Describe in detail the manner in which the well was plugged, indicating where the mud
fluid was placed and the method or methods used in introducing it into the hold. If cement
or other plugs were used, state the character of same and depth placed, from feet
to feet for each plug set.

Spot 60 sacks @ 600'
30 sacks @ 300'
Solid Bridge @ 40'
10 sacks to surface
Spot 10 sacks in Rat Hole w/ drill pipe
use 110 sacks 60/40 poz 3% cacl.
Plugged by Sun Cementing Co.
State pluggger - J. H. Metz - Stafford Kansas

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

Name of Plugging Contractor Bergman Drilling, Inc.
520 Union Cneter - Wichita, Kansas 67202

STATE OF Kansas COUNTY OF Sedgwick, ss.
Harold I. Bergman (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) 
Harold I. Bergman
520 Union Center, Wichita,
(Address)

SUBSCRIBED AND SWORN TO before me this 29th day of July, 19 81

My Commission expires: May 31, 1982
Alma A. Neises Notary Public.

RECEIVED
STATE CORPORATION COMMISSION
7-30-81
JUL 30 1981

CONSERVATION DIVISION
Wichita, Kansas

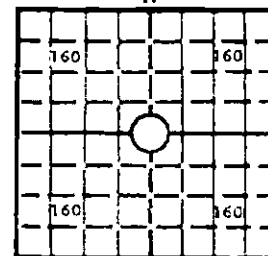
KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 185 — 21,300
County Number

S. 3 T. 24S R. 13WE

Loc. C SW NE

County Stafford

640 Acres
N

Locate well correctly

Elev.: Gr. 1901'

DF 1903' KB 1906'

Operator

Abercrombie Drilling, Inc.

Address

801 Union Center, Wichita, Kansas 67202

Well No.

1

Lease Name

HAHN

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Bergman Drilling, Inc.

Geologist

Spud Date

7/16/81

Date Completed

7/27/81

Total Depth

4018'

P.B.T.D.

Directional Deviation

Oil and/or Gas Purchaser

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	12½"	8 5/8"		316'			

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

INITIAL PRODUCTION

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

Operator Abercrombie Drilling, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDPW, ETC.: Dry Hole	
Well No. 1	Lease Name HAHN		
S 3 T 24S R 13W W			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
			DEPTH
Sand, Shale & Red Beds	0	316	<u>SAMPLE TOPS:</u>
Red Bed Shale	316	565	Heebner 3345' (-1439
Red Bed & Shale	565	1292	Douglass Sh. 3385' (-1479
Anhydrite	762	783	Br. Lime 3479' (-1573
Shale & Lime	1292	1733	Lansing 3508' (-1602
Shale & Shells	1733	1879	B/K.C. 3773' (-1867
Lime & Shale	1879	1980	Conglomerate 3837' (-1931
Lime & Shale	1980	2165	Viola 3853' (-1947
Shale & Lime	2165	2366	Simpson Sd. 3946' (-2040
Lime & Shale	2366	2610	Arbuckle 3970' (-2064
Lime & Shale	2610	2855	
Shale & Lime	2855	3090	
Lime & Shale	3090	3114	
Lime & Shale	3114	3254	<u>ELECTRIC LOG TOPS:</u>
Lime & Shale	3254	3435	Heebner 3351' (-1445
Lime & Shale	3435	3550	Douglass Sh. 3390' (-1484
Lime & Shale	3550	3610	Br. Lime 3485' (-1579
Lime & Shale	3610	3691	Lansing 3513' (-1607
Lime & Shale	3691	3847	B/K.C. 3779' (-1873
Lime & Shale	3847	3971	Conglomerate 3846' (-1940
Lime & Shale	3971	3974	Viola 3861' (-1955
Arbuckle	3974		Simpson Sd. 3948' (-2042
Lime & Shale	3974	3985	Arbuckle 3978' (-2072
Arbuckle	3985	4010	
RTD	4010		
<p>DST #1 (3670' - 3691') 30", 30", 30", 30" Week blow @ 5' - Died. Rec. 5' of Mud. 41-41, 1012, 52-48, 899.</p> <p>DST #2 (3828' - 3847') 30", 30", 30", 30", ISIP 31-31, ISIP 35, FFP 31-31, FSIP 33. Rec. 3' drlg. Mud</p> <p>DST #3 (3898' - 3974') Hit Solid Bridge 200' off bottom.</p> <p>DST #4 (3898' - 3974') 30", 45", 60", 45". IFP 72-87, ISIP 1262, FFP 93 - 143, FSIP 1250. Rec. 210' drlg. Mud.</p>			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Jack Partridge Vice President Title August 6, 1981 Date		

BERGMAN DRILLING, INC.

DRILLERS LOG

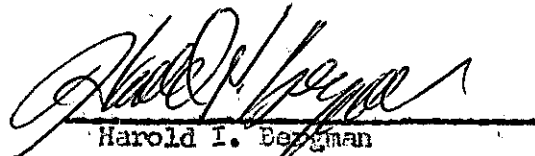
Re: Halm # 1
C SW NE Section 3-24S-13W
Stafford County, Kansas

OPERATOR: Abercrombie Drilling, Inc.
CONTRACTOR: Bergman Drilling, Inc.
COMMENCED: July 16, 1981
COMPLETED: July 27, 1981
TOTAL DEPTH: 4010' Set 8 5/8" @ 316' w/265 sacks

0	316	Sand Shale & Red Bed
316	565	Red Bed Shale
565	1292	Red Bed & Shale
752	783	Anhydrite
1292	1733	Shale & Lime
1733	1879	Shale & Shells
1879	1980	Lime & Shale
1980	2165	Lime & Shale
2165	2366	Shale & Lime
2366	2610	Lime & Shale
2610	2855	Lime & Shale
2855	3090	Shale & Lime
3090	3114	Lime & Shale
3114	3254	Lime & Shale
3254	3435	Lime & Shale
3435	3550	Lime & Shale
3550	3610	Lime & Shale
3610	3691	Lime & Shale
3691	3847	Lime & Shale
3847	3971	Lime & Shale
3971	3974	Lime & Shale
3974		Arbuckle
3974	3985	Lime & Shale
3985	4010	Arbuckle
4010		RTD

D & A

We certify that the above and foregoing to be true and correct copy of the drillers log on the # 1 Halm, located in Stafford County, Kansas as revealed by the records of Bergman Drilling, Inc.


Harold I. Bergman

Subscribed and sworn to before me this 29th day of July, 1981

RECEIVED
STATE CORPORATION COMMISSION My commission expires May 31, 1982


Alma A. Neises, notary public

JUL 30 1981

CONSERVATION DIVISION
Wichita, Kansas