

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 007 — 20,922
County Number

Operator

Braden-Deem, Inc.

Address

200 East First Wichita, Kansas 67202

Well No.

#1

Lease Name

Graves

Footage Location

2310 feet from (N) (X) line 330 feet from (E) (X) line

Principal Contractor

Abercrombie Drilling, Inc.

Geologist

Lee Poulsen

Spud Date

5/23/80

Date Completed

Total Depth

4841

P.B.T.D.

4818

Directional Deviation

1976' - 1°, 3779 - 1°

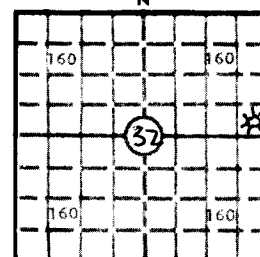
Oil and/or Gas Purchaser

S. 32 T. 34 R. 12 E. W

Loc. C SE SE NE

County Barber

640 Acres



Locate well correctly

Elev.: Gr. 1459

DF 1463 KB 1467

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 $\frac{1}{4}$	8-5/8	20#	326	Common	275	3% Cacl - 2% gel
Production	7-7/8	4 $\frac{1}{2}$	10.5#	4840	60/40 Pozmix	100	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	$\frac{1}{2}$ " D.P. Jet	Cherokee 4756-4764
Size	Setting depth	Packer set at	1	$\frac{1}{2}$ " D.P. Jet	Mississippi 4776-4786

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gals. 15% Hcc w/33 Ball sealers	4756-4764 4776-4786
Foam Frac. w/512,700 SCF N ₂ , 178 bbls. treated	4756-4764 4776-4786
Water & 20,000# 20-40 Sd. Max. pres. 3740 psi	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
July 7, 1980		Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	10 bbls.	654 MCF	0 bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
Vented			4756-4764 & 4776-4786		

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.

operator

Braden-Deem, Inc.

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

Oil & Gas

Well No.

1

Lease Name

Graves

S 32 T 34 R 12 E
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
Red Beds	0	341	Brownlime	4103 (-2636)
Red Bed & Shale	341	1414	Lansing	4150 (-2683)
Anhydrite	1414	1432	Base - Kan.City	4604 (-3137)
Red Bed & Shale	1432	1480	Cherokee Shale	4736 (-3269)
Lime & Shale	1480	4841	Cherokee SS	4764 (-3297)
Rotary TD		4841	Erosional Miss.	4781 (-3314)
			Mississippi	4812 (-3345)

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

Date Received

Signature

President

Title

July 9, 1980

Date

CONTRACTOR'S WELL LOG

OPERATOR:
CONTRACTOR:
WELL NAME:
LOCATION:

SPUD DATE:
COMPLETION DATE:

Braden-Deem, Inc.
Abercrombie Drilling, Inc.
GRAVES #1
SE SE NE, Section 32-24-12
Barber County, Kansas
5-23-80
6-3-80

COPY

either
343
or Stafford

0	341	Red beds
341	1414	Red bed & shale
1414	1432	Anhydrite
1432	1480	Red bed & shale
1480	4850	Lime & shale
	4850	Rotary Total Depth

Spud at 4:00 a.m., 5-23-80. 7:00 a.m. drilling @ 190'.

R.T.D. 4850' L.T.D. 4841' Daywork 17-1/2 hours. Visc. 54, mud weight 9.1, water loss 11.88, pH 11.5, Chl. 15,000, solids 5.5, trace of sand, no LCM. Daily mud cost \$103.00, accumulated mud cost \$5,661.40. Ran 116 joints of 4 1/2" - 10 3/4" casing. Set at 4840'. Cemented with 100 sacks of 60/40' posmix. Job complete at 1:15 a.m., 6-3-80.

SAMPLE TOPS:

Anhydrite 1415'
B/Anhydrite 1432'

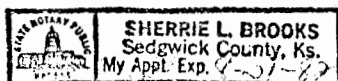
STATE OF KANSAS)
COUNTY OF SEDGWICK)

Jack L. Partridge, Assistant Secretary-Treasurer of Abercrombie Drilling, Inc., does hereby state that the above and forgoing is a true and correct copy of the log of the GRAVES #1, SE SE NE, Section 32-24-12, Barber County, Kansas.

ABERCROMBIE DRILLING, INC.

BY: Jack L. Partridge
Jack L. Partridge, Asst. Sec.-Trea.

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state as of the 13th day of June, 1980.



Sherrie L. Brooks
Sherrie L. Brooks, Notary Public