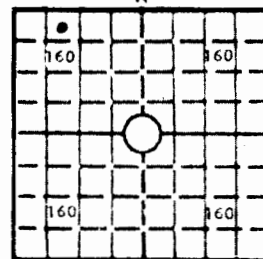


KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOGState Geological Survey  
WICHITA BRANCHAPI No. 15 — 007 — 20,657  
County NumberS. 13 T. 32 R. 12 <sup>W</sup>

Loc. C NE NW NW

County Barber

640 Acres  
N

Locate well correctly

Elev.: Gr. 1451

DF 1457 KB 1459

Operator

Aylward Drilling Company

Address

909 First National Bank Bldg., Wichita, Kansas 67202

Well No.

4

Lease Name

Smith "B"

Footage Location

330

feet from (N) line

990

feet from (W) line

Principal Contractor

H-30 Drilling, Inc.

Geologist

Frank Hamlin

Spud Date

8-23-78

Date Completed

9-1-78

Total Depth

4300

P.B.T.D.

4270

Directional Deviation

N/A

Oil and/or Gas Purchaser

Permian

## 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"		230	Common	200	2% gel; 3% c. cl.
Production	7 7/8"	5 1/2"	14#	4299	"	75	" "

## LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

## PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	5/8" - Jets	4234-4248

## TUBING RECORD

Size	Setting depth	Packer set at
2"	4264	

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized w/500 gals. -15% demud acid	4234-4248
Fraced w/10,000 lbs. of sand	"

## INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
11-25-78		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	10 bbls.	MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
			4234-4248		

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 Aylward Drilling Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 4	Lease Name Smith "B"	Oil
S 13 T 32 R 12 W C NE NW NW, Barber County, Kansas		

### 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
Shale	0	418		
Shale and lime	418	1161		
Lime and shale	1161	3409		
Shale and lime	3409	3510		
Lime and shale	3510	4300		
Rotary Total Depth		4300		
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				

Date Received	<div> <div><i>P. Frank Hamlin</i></div> <div>Signature</div> <div>Manager</div> <div>Title</div> <div>9-11-81</div> <div>Date</div> </div>
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at Geological Survey  
WICHITA BRANCH

KANSAS DRILLERS LOG

API No. 15-007-20,657

15-007-20657

COMPANY Westmore Drilling Co., Inc.

SEC. 13 T. 32S R. 12W  
LOC. C- NE NW NW

FARM Smith "B"

NO. 43

ROTARY TOTAL DEPTH 4,300'

COUNTY Barber

COMM. August 23, 1978

COMP September 1, 1978

CONTRACTOR H-30, Inc.

ISSUED September 7, 1978

CASING

10 3/4"

8 5/8" Set at 239' cemented w/200 sxs cement

ELEVATION 1,459 K.B.

5 1/2" Set at 4,299' cemented w/75 sxs cement

4 1/2"

FIGURES INDICATE BOTTOM OF FORMATIONS

Shale	418'
Shale and Lime	1,161'
Lime and Shale	3,409'
Shale and Lime	3,510'
Lime and Shale	4,300'
Rotary Total Depth	4,300'

I hereby certify the above and foregoing to be  
a true and correct log of the above described  
well as shown by the drilling reports.

H-30, Inc.

Dean Britting  
Dean Britting

State of Kansas }  
County of Sedgwick } ss:

Subscribed and Sworn to before me a Notary Public  
in and for said county and state this 7th day of  
September, 1978.

WILLIS  
TARY