

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey WICHITA, BRANCH

S. 14 T. 32S R. 12 W

Loc. NW SE SW

County Barber

API No. 15 - 007- - 20,953 County Number

Operator

The Maurice L. Brown Company

Address

200 Sutton Building - Wichita, Kansas 67202

Well No.

1

Lease Name

Vanderwork A

Footage Location

990 feet from (S) line 1650 feet from (W) line

Principal Contractor

Gabbert-Jones

Geologist

Chuck Rhoades

Spud Date

2-23-81

Date Completed

3-10-81

Total Depth

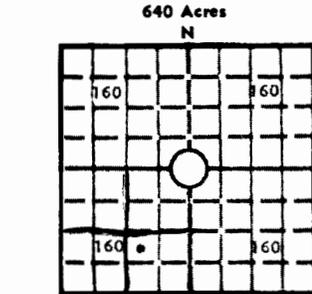
4854'

P.B.T.D.

Directional Deviation

Oil and/or Gas Purchaser

P & A



Locate well correctly

Elev.: Gr. 1508'

DF KB 1513'

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"	23#	404.75' KB	HLC Class A	150	3%CC, 1/4#F10/sx.

LINER RECORD

PERFORATION RECORD

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

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.)				
P & A					
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)		
P & A					

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 The Maurice L. Brown Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole
Well No. 1	Lease Name Vanderwork A	
S <u>14</u> T <u>32S</u> R <u>12W</u> W		

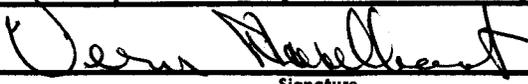
WELL LOG

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
See attached sheets				

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

Date Received	
	Signature
	Drilling Manager
	Title
	3-19-81
	Date

14-32-12W

GABBERT-JONES, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

Vanderwork #A-1
NW-SE SW Sec 14-32S-12W
Barber County Kansas

Commenced: 2-23-81

Completed: 3-11-81

OPERATOR: M. L. BROWN CO.

DUPLICATE
State Geological Survey
WICHITA, BRANCH

Depth		Formation	Remarks
From	To		
0	1004	Redbed	
1004	1245	Redbed-Shale	Ran 10 jts of 23# 8 5/8" csg
1245	1884	Lime-Shale	set @ 403' Cemented w/
1884	1980	Sand-Shale	150 sks HLC - 3% CC 1/4#
1980	2291	Lime-Shale	Flocele - 150 sks Class A
2291	2632	Shale-Sand	3% CC - 1/4# Flocele per sack
2632	4100	Lime-Shale	PD @ 10:45 p.m. 2-24-81
4100	4160	Lime	
4160	4295	Lime-Shale	
4295	4337	Lime	
4337	4363	Lime-Chert	
4363	4406	Lime	
4406	4470	Lime-Shale	
4470	4510	Lime	
4510	4680	Lime-Shale	
4680	4740	Lime	
4740	4854	Lime-Shale	
	4854 - TD		

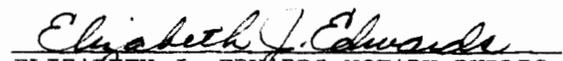
STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

I, the undersigned, being duly sworn on oath, state that the above Drillers' Well Log is true and correct to the best of my knowledge and belief and according to the records of this office.

GABBERT-JONES, INC.


JAMES S. SUTTON II

Subscribed and sworn to before me this 16th day of March, 1981.


ELIZABETH J. EDWARDS, NOTARY PUBLIC

14-32-12w

VANDERWORK A #1

<u>FORMATION</u>	<u>SAMPLE</u>	<u>LOG</u>	<u>DATUM</u>
Heebner	3554	3545	-2032
Douglas Shale	3595	3588	-2075
Brown Lime	3753	3741	-2228
Lansing	3764	3753	-2240
Hertha	4172	4158	-2645
Base/Kansas City	4227	4214	-2701
Mississippi Chert	4325	4310	-2797
Mississippi Lime	4410	4384	-2871
Kinderhook Shale	4499	4488	-2975
Chattanooga Shale	4577	4564	-3051
Viola	4614	4602	-3089
Wagon Wheel Shale	4686	4680	-3167
Wagon Wheel Sand	4697	4692	-3179
Wagon Wheel	4814	4800	-3287
	4854	4822	-3309

DRILL STEM TESTS:

A geological log is included with this report and is considered a part of it. Please refer to it for sample descriptions, straight hole tests, mud properties, and circulating for samples information. The following are drill stem test results.

Mississippi Chert, 4325 feet (2812 EL)

DST NO. 1 Misrun
4299-4335 feet

Mississippi Chert, 4325 feet (2812 EL)

DST NO. 2 Open 60 minutes. Weak blow increasing to strong blow in
4313-4335 feet 14 minutes. No GTS. Shut-in 60 minutes. Open 60 minutes
Strong blow throughout. Shut-in 90 minutes.
Recovered: 35 feet drilling mud

Initial Hydrostatic Head	2229 psi
Initial Flow Pressure	172-93 psi
Initial Shut-in Pressure	233 psi
Final Flow Pressure	56-47 psi
Final Shut-in Pressure	130 psi
Final Hydrostatic Head	2215 psi
Temperature	111 degrees

Mississippi Chert, 4325 feet (2812 EL)

DST No. 3 Open 60 minutes. Strong blow in 5 minutes. Shut-in 60
4334-4363 feet minutes. Open 60 minutes. Weak blow increasing to
fair blow. Shut-in 60 minutes.
Recovered: 120 feet slightly gas cut drilling mud with
specks of oil.

Initial Hydrostatic Head	2238 psi
Initial Flow Pressure	46-65 psi
Initial Shut-in Pressure	130 psi
Final Flow Pressure	70-74 psi
Final Shut-in Pressure	158 psi
Final Hydrostatic Head	2238 psi
Temperature	Misrun