

KANSAS DRILLERS LOG

State Geological Survey
WICHITA BRANCH

API No. 15 — 065 — 20,877
County Number

Operator

The Maurice L. Brown Company & I. Wayne Woolsey

Address

1500 Vickers-KSB&T Bldg., Wichita, KS 67202

Well No.

1

Lease Name

Schrader

Footage Location

330 feet from (N) (S) line

990 feet from (E) (W) line

Principal Contractor

Abercrombie Drlg., Inc.

Geologist

Edward B. Donnelly

Spud Date

12-12-76

Total Depth

4000'

P.B.T.D.

3937'

Date Completed

1-22-77

Oil Purchaser

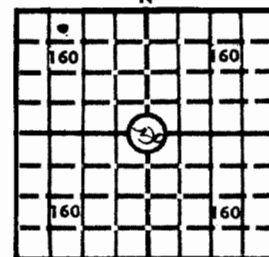
Permian

S. 36 T. 8 R. 24 E
W

Loc. NE NW NW

County Graham

640 Acres
N



Locate well correctly

Elev.: Gr. 2407

DF KB 2412

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#	247'	Common	190	3% Ca. Cl.
Production	7 7/8"	5 1/2"	15 1/2#	3995	65/35 Poz.	150	2% Gel, 10% salt, 3/4% CFR ₂ , 10# Gilsonite, 1/2# Tuffiber/sx
					HLC	375	10# Gilsonite/sx

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Jumbo Jet	3871-74

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	3934	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal. 15% SME acid	3871-74
500 gal. 28% acid + 1500 gal. SS-20 acid	3871-74

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
1-23-77		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	58 bbls.	MCF	0 bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
			3871-74		

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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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.

erator

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

The Maurice L. Brown Company & I. Wayne Woolsey

Well No.

1

Lease Name

Schrader

Oil

S 36 T 8 R 24 E
W

Graham County

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

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

Date Received


Signature

Geologist

Title

January 27, 1977

Date

5022412

The Maurice L. Brown Company & I. Wayne Woolsey #1 Schrader 36-T8S-R24W
 Elev. 2412' KB Graham County NE NW NW

Contr. Abercrombie Drlg., Inc. Comm. 12-12-76 Comp. 1-22-77 IP 58 BOPD/NW

Casing: 8 5/8" 247'/190sx
 5 1/2" 3995'/525sx

<u>Log Tops</u>	<u>Depth</u>	<u>Datum</u>
Anhydrite	2088	+ 324
Topeka	3489	-1077
Heebner	3707	-1295
Toronto	3730	-1318
Lansing	3745	-1333
Base Kansas City	3962	-1550
Total Depth	3999	-1587

DST #1 3767-3790'
 45"-45"-45"-60"
 Rec. 180' HOC&SWCGM,
 240' HOCW, 300' OC&SMCGSW
 IFP 28-232#
 ISIP 741#
 FFP 232-343#
 FSIP 741#

DST #2 3788-3810'
 45"-45"-45"-45"
 Rec. 10' Mud
 IFP 19-28#
 ISIP 27#
 FFP 28-28#
 FSIP 27#

DST #3 3805-3822'
 45"-45"-60"-90"
 Rec. 290' MSW, tr oil scum
 IFP 28-84#
 ISIP 999#
 FFP 84-149#
 FSIP 981#

DST #4 3856-3886'
 45"-45"-45"-60"
 Rec. 180' GIP, 450' CGCO,
 180' SM&GCO, 180' M&GCO emul.
 IFP 37-186#
 ISIP 1231#
 FFP 190-315#
 FSIP 1212#

DST #5 3885-3920'
 45"-45"-60"-90"
 Rec. 25' VSOCM
 IFP 18-27#
 ISIP 100#
 FFP 18-27#
 FSIP 82#

DST #6 3918-3940'
 45"-45"-60"-90"
 Rec. 60' TM, slight scum oil
 IFP 28-37#
 ISIP 1212#
 FFP 37-56#
 FSIP 1203#

PBTD 3937'. Perf 16/3871-74, swb 2.3 BOPH,
 500 gal. SME acid, swb 1d, swb 7 BOPH/7 hrs,
 500 gal. 28% acid + 1500 gal SS-20 acid,
 swb 1d, swb 8 BOPH, T&R, POP
 IP 58 BOPD/NW

36-8-24W

State Geological Survey

WICHITA, BRANCH

CONTRACTOR'S WELL LOG

15-065-20877

OPERATOR:
CONTRACTOR:
WELL NAME:
LOCATION:

The Maurice L. Brown Co.
Abercrombie Drilling, Inc.
SCHRADER #1
NE NW NW, Section ³⁶~~26~~-8S-24W
Graham County, Kansas
12-11-76
12-23-76

SPUD DATE:
COMPLETION DATE:

MAY 18 1977

0	72	Surface Clay
72	110	Sand
110	1638	Shale
1638	1839	Sand
1839	2039	Shale
2089	2126	Anhydrite
2126	3065	Shale
3065	3640	Shale & Lime
3640	3790	Lime & Shale
3790	4000	Lime
	4000	Rotary Total Depth

Spud at 6:30 a.m. 12-11-76. Drilled 247' of 12 $\frac{1}{4}$ " hole. Ran 6 jts. of 8 5/8" surface casing. (Tally 239') Set at 246' K.B. Cemented with 190 sx. of Class "A" Cement, 3% Ca. Cl. Cement did circulate. Job complete at 12:30 a.m. 12-12-76.

TOO. 4000', Ran 101 jts. of 5 $\frac{1}{2}$ " - 15 $\frac{1}{2}$ # Casing. (Tally Threads Off 3896.71') Set at 3995' K. E. Cemented 1st stage with 150 sx. of 65/35 posmix with 2% gel and 10% salt, 3/4% CFR-2, 10# Gilsonite - $\frac{1}{2}$ # tough fiber per sack. Cemented 2nd stage with 375 sacks of HLC with 10# Gilsonite per sack. Plug was down at 1:40 a.m. 12-23-76.

SAMPLE TOPS:

Anhydrite 2089'
B/Anhydrite 2126'