

KANSAS DRILLERS LOG

State Geological Survey
WICHITA BRANCHAPI No. 15 — 007 — 20,270
County Number

Operator

Okmar Oil Company

Address

970 Fourth Financial Center, Wichita, Kansas 67202

Well No.

1

Lease Name

Barthalow

Footage Location

2310

feet from (N) ~~XX~~ line

2310

feet from (E) ~~XX~~ line

Principal Contractor

B & B Drilling, Inc.

Geologist

Bob Lewellyn

Spud Date

August 20, 1974

Total Depth

4828

P.B.T.D.

Date Completed

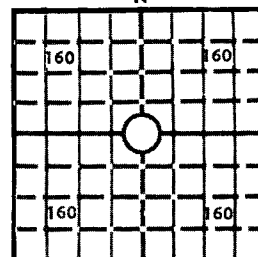
September 5, 1974

Oil Purchaser

S. 2 T. 33 R. 12 E W

Loc. SW SW NE

County Barber

640 Acres
N

Locate well correctly

Elev.: Gr. 1518

DF KB 1523

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	28#	414	60/40 Poz	250	
Production	7-7/8	4 $\frac{1}{2}$ "	11.60	3955	60/40 Poz	150	2% Gel, 18% Salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4	Jets	3757 - 64

TUBING RECORD

Size	Setting depth	Packer set at
2	3750	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal regular acid	3757 - 64
frac 5000# sand, 4000 gal Gel KCL Water	3757 - 64

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
July 10, 1975	Pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	19 bbls.	TSTM MCF	200 bbls.	-----	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
			3757 - 64 Douglas		

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.

3655 - 3700 (Snyderville Sand)

30/30/60/45

fair blow

Rec. 180' gas in pipe, 135' GCM

No water.

204/330 19/79

#2 3733 - 83 (Douglas Sand)

30/30/60/30

Strong blow, gas to surface - 8 min.

Gauged: 10 min. 21,900

20 min. 25,100

30 min. 21,900

2nd. opening

10 min. 25,100

20 " 12,500

30 " 8,870

40 " TSTM

50 " 8,870

60 " TSTM

Rec. 360' fluid; 60' mud, 60' SOGCM,

120' gsy OCM, 120' gsy HOCM

862/570 56/149

3840 - 3852 (Lansing A)

30/45/90/60

Strong blow, gas to surface-28min

Rec. 60' frothy oil, no water

Gauged 10 min. 5,860

20 " 5,320

30 " 5,320

40 " 5,320

50 " 4,760

60 " 4,760

70 " 4,120

80 " 4,120

90 " 4,120

1454/1441 29/37

#4 3887 - 3899 (B Zone)

30/30/60/30

Strong blow

Rec. 2600' clean SW

1419/1433 141/1287

#5 4130 - 4146 (J Zone)

30/30/30/30

weak blow - 25 min.

Rec. 12' mud, show oil in tool

1476/1412 27/39

#6 4426 - 4495

30/45/120/60

strong blow throughout

Rec. 200' gas in pipe, 720' fluid

(300' SOGCM, 60' MGW, &

360' clean salt water)

1204/1219 94/321

#7 4812 - 4828

strong blow

30/30/30/30

Rec. 3600' SW w/scum oil in top

450' 92,000 PPM

1773/1773 458/1667

Okmar Oil Company

#1 Barthalow

Sec. 3-33-12

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

Oil

levels, and all drill-stem tests, in-
- shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,
OR OTHER DESCRIPTIVE INFORMATION.

TOP	BOTTOM	NAME	DEPTH
		Elgin Zone	3455
		Heebner	3652
		Snyderville Sd	3666
		Douglas Sand	3755
		Lansing	3830
		B.K. C.	4291
		Miss. Chert	4435
		Miss. Lime	4491
		Kinderhook	4596
		Viola	4708
		Simpson Shale	4803
		Simpson Dolo	4808
		Simpson Sand	4820
		L.T.D.	4824

IF NECESSARY, TO COMPLETE WELL RECORD.


Signature

Jim Thatcher - Engineer

Title

April 22, 1976

Date

State Geological Survey
WICHITA BRANCH

September 9, 1974

DRILLERS LOG

15-007-20270

2-33-12W

RECEIVED
STATE CORPORATION COMMISSION

SEP 10 1974

CONSERVATION DIVISION
(Wichita, Kansas)

#1 Berthalow
SW SW NE
Sec. 2-33S-12W
Barber County, Kansas

OPERATOR: Omar Oil Company
CONTRACTOR: B & B Drilling, Inc.
COMMENCED: August 20, 1974
COMPLETED: September 5, 1974

8 5/8" @ 414' w/250 ex

0	420	Surface
420	660	Redbed
660	1675	Shale
1675	3585	Shale & Lime
3585	4828	Lime
4828		RTD

4 1/2" @ 3955' w/150 ex

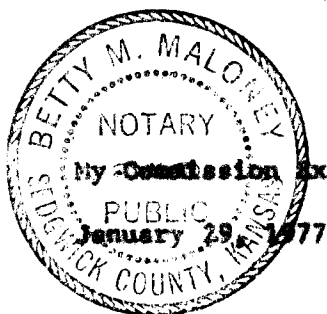
We certify that the above and foregoing is a true and correct copy of the log on the #1 Berthalow located in Barber County, Kansas.



B & B DRILLING, INC.

Bill Lahar
Bill Lahar

Subscribed and sworn to before me this 9th day of September, 1974.



Betty M. Maloney
Betty M. Maloney Notary Public