

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCH

API No. 15 — 007

— 20,216

County

Number

Operator

Okmar Oil Company

Address

1130 Vickers KSB&T Bldg., Wichita, Kansas 67202

Well No.

#1

Lease Name

Harbaugh "C"

Footage Location

2310 feet from (N) ~~XX~~ line

2310

feet from (E) ~~XX~~ line

Principal Contractor

DNB Drilling, Inc.

Geologist

Don W. Beauchamp

Spud Date

November 27, 1972

Total Depth

4425

P.B.T.D.

Date Completed

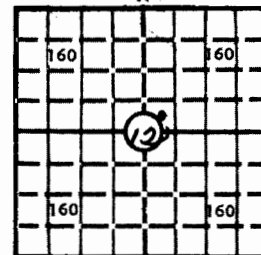
December 7, 1972

Oil Purchaser

S. 12 T. 33 R. 12 X W

Loc. SW SW NE

County Barber

640 Acres
NLocate well correctly
1405

Elev.: Gr.

DF KB 1410

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 $\frac{1}{2}$	8 5/8		278	60/40 Poz.	250	3% C.C.
Production	7-7/8	5 $\frac{1}{2}$	15#	3635	50/50 Poz.	150	18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	DP JETS	2564 - 76

Size	Setting depth	Packer set at
2"	3549	-----

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal. 7 $\frac{1}{2}$ % acid frac 7500# sand & 7500 gal. jelled acid water	3564 - 76

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
shut-in	flowing
RATE OF PRODUCTION PER 24 HOURS	Oil 30 bbls. Gas 300 - 400 MCF Water 0 bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s)
shut-in	3564 - 76

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.

Operator Okmar Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas
Well No. 1	Lease Name Harbaugh "C"	
S <u>12 T 33 R 12</u> ^{XXX} 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
#1 Mis-run	3425	3432	Anhydrite	975 - 996
			Stone Coral	1080- 1300
#2 Mis-run	3424	3432	Pennsylvanian	2704
			Elgin Zone	3342
#3 30/30/60/30	3540	3600	Elgin Sand	3423
strong blow, gas to surface-23min.			Heebner	3541
stabilized @ 169,000 CFG - 50 min.			Snyderville Sd	3559
Rec. 140' gas cut mud			Douglas Sand	3671
1359/1343 78/94			Lansing	3725
			B. Kansas City	4208
#4 30/30/60/30	3727	3740	Mississippi Ch	4368
weak blow			Mississippi Lm	4381
Rec. 10' oil cut mud + 40' SW				
1150/976 15/39				
#5 30/30/60/30	3780	3792		
good blow				
Rec. 1250' salt water				
1398/1390 188/682				
#6 30/30/60/45	4340	4399		
good decrease to weak blow				
Rec. 180' gas in pipe w/50' mud				
322/369 94/62				
#7 30/30/60/30 (Hookwall)	3320	3435		
weak blow throughout				
Rec. 400' thin mud				
1339/1292 31/188				

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

Date Received



Signature

Don W. Beauchamp - Geologist

Title

November 16, 1973

Date

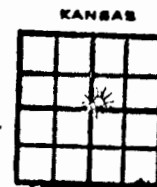
MAR 16 1973

12-33-12W

12-33-12W
SW SW NE

DRILLERS' LOG

API # 15-007-20,216



OKMAR OIL COMPANY
No. 1 Harbaugh 'C'
SW SW NE, Sec. 12-33S-12W
Barber County, Kansas

Elevation: 1410 K.B.

Commenced: 11-27-72
Completed: 12-9-72

Surface Casing: 270' of
8-5/8" cemented w/250 sx
60-40 Posmix, 3% cc.
11-28-72

<u>FORMATION</u>	<u>DEPTH</u>	<u>LOG TOPS</u>	<u>DEPTH</u>
Clay & Sand	0 - 35	Elgin Zn	3346
Red Rock & Shale	35 - 975	Elgin sd	3414
Blaine Anhydrite	975 - 996	Heeb	3544
Shale	996 - 1280	Snyderville	3557
Stone Corral Anhydrite	1280 - 1300	Lans	3728
Lime & Shale	1300 - 2225	Bkc	4208
Lime	2225 - 3490	Miss	4370
Lime & Shale	3490 - 3600	Ltd	4377
Lime	3600 - 4360	Rtd	4425
Lime & Chert	4360 - 4399		
Lime	4399 - 4425 T.D.		

I do hereby certify that the foregoing statements are true and correct to the best of my knowledge and belief.

D N B DRILLING, INC.

James L. Donelson
JAMES L. DONELSON



STATE OF KANSAS: ss:

Subscribed and sworn to before me, the undersigned, a Notary Public in and for said state, this 13th day of December, 1972.

My Commission Expires:
August 25, 1976

Ella Priess
Ella Priess, Notary Public