

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 007 — 20852
County Number

Operator
KBW Oil & Gas Company

Address
3632 NW 51st Street, Suite 205, Oklahoma City, OK 73112

Well No. 1 Lease Name Harbaugh

Footage Location
740 feet from (S) line 1925 feet from (W) line

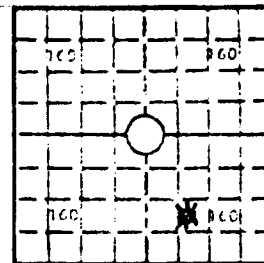
Principal Contractor Sweetman Drilling, Inc. Geologist Gordon W. Keen

Spud Date 12-10-79 Date Completed 5-9-80 Total Depth 4785 P.B.T.D. 4746

Sectional Deviation 1° Oil and/or Gas Purchaser PEPL(Gas) Lawson Crude(Oil)

S. 13 T. 34S R. 12 E
Loc. 150'N & 65'E of C-SW-SE
County Barber

640 Acres
N



Elev.: Gr. 1467

DF 1473 KB 1477

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	14 3/4"	10 3/4"		312' KB	Common	275	2% Gel 3% Chloride
Production	7 7/8"	4 1/2"		4781	Common	150	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			One		4692 - 4721
TUBING RECORD					
2 3/8"	Setting depth 4718 KB	Packer set at Hung			

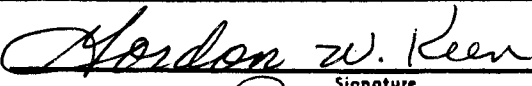
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acid 2000 gal 15% acid	4692 - 4721
Foam - Frac 228 bbls fluid; 50,000# 10-20 Sand	4692 - 4721
and 633,000 SCF Nitrogen	

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
5-9-80	flowing and pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 25 bbls. Gas 840 MCF Water 40 bbls. Gas-oil ratio 33,600 CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval(s)
sold	4692 - 4721

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 KBW Oil & Gas Company		DESIGNATE TYPE OF COMP.: OIL, DRY HOLE, SWDW, ETC.:	
Well No. 1	Lease Name Harbaugh		oil & gas
S <u>13</u> T <u>34</u> R <u>12</u> ^{EX} _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
Limestone	4260	4674	Kansas City
Shale & Conglomerate Shale & Chert	4674	4693	Cherokee Shale
Limestone & Chert	4693	4786	Mississippi
DST #1 (Mississippi) 4695 - 4740 Rec. 65' GCM GRS - 10" into 2nd Flo period GA. 4760 cfgpd/20" 5320 cfgpd/30" & Stab. IHP 2626# IFP 118-96# in 30 min. ISIP 1090# in 60 min. FFP 75-64# in 60 min. FSIP 1728# in 120 min. FHP 2476#			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature President Title May 19, 1980 Date		