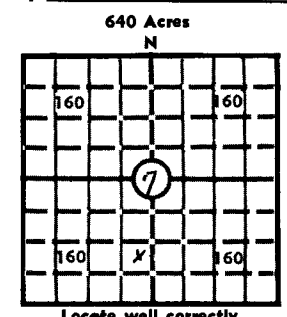


KANSAS DRILLERS LOG

API No. 15 — 093 — 20,114
County Number

S. 7 T. 26S R. 37 ^{NE}_W
 1250' FSL & 2590' FWL

County Kearny



Operator Amoco Production Company		
Address P. O. Box 432 - Liberal, Kansas 67901		
Well No. 2	Lease Name Waechter Gas Unit "F"	
Footage Location 1250 feet from (N) (S) line 2590 feet from (E) (W) line		
Principal Contractor Service Drilling Company		Geologist
Spud Date 3-1-74	Total Depth 2895	P.B.T.D. 2890
Date Completed 4-12-74	Oil Purchaser	

Elev.: Gr. 3177'
 DF KB 3184'

CASING RECORD

Report of oil 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	28	615	Class "H"	500	3% CACL
Production	7-7/8	5-9/16	14.62	2895	Special	850	18% CACL

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	1/2	2731-37, 2746-50, 2759-61, 2764-66, 2780-91, 2797-2806, 2817-26, 2836-42, 2845-50

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized with 2,000 gals. 15% HCL and Fraced with 100,000 gals. water and 100,000# sand	2731 - 2850

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.) Flowing		
RATE OF PRODUCTION PER 24 HOURS	Oil bbls. 5800	Gas MCF 5800	Water bbls. 5800
Disposition of gas (vented, used on lease or sold) Waiting on pipeline connection		Producing interval (s) 2731 - 2850	

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 Amoco Production Company DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDOW, ETC.: Gas

Well No. 2 Lease Name Waechter Gas Unit "F"

S 7 T26S R 37 ^{EX} W

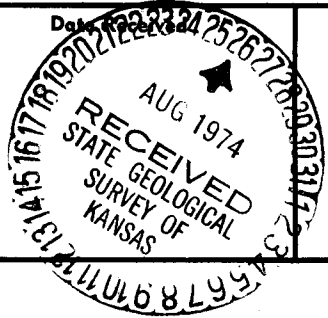
WELL LOG

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	DEPTH
Sand	0	552	Gamma-Ray Neutron	1390 - 2890'
Redbed	552	615		
Redbed, Sand, Gypsum	615	1283		
Sand, Gypsum, Shale	1283	1574		
Sand, Anhydrite, Gypsum	1574	1851		
Sand, Anhydrite	1851	2104		
Shale, Lime	2104	2127		
Shale, Lime, Anhydrite	2127	2300		
Lime, Shale	2300	2600		
Shale, Lime	2600	2803		
Lime	2803	2895		

Test Info: 24 Hr. SIP 195#
20 Min. Open Flow 5.8 MMCFD

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



J. W. Vaughn
Signature J. W. VAUGHN

Area Administrative Supervisor

Title

7-24-74
Date