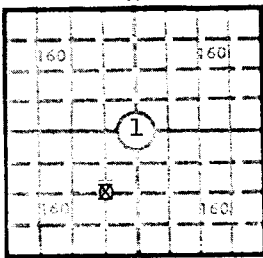


KANSAS DRILLERS LOG

API No. 15 — 175 — 20465
County Number

Operator Cabot Corporation	
Address P. O. Box 1101, Pampa, Texas 79065	
Well No. 2-1	Lease Name Hacker Unit
Footage Location 1320 feet from (X) (S) line 1980 feet from (X) (W) line	
Principal Contractor Rains & Williamson Oil Co., Inc. Geologist Doug Duker	
Spud Date 6-24-80	Total Depth 6650 P.B.T.D. 6637
Date Completed 8-02-80	Oil Purchaser

S. 1 T. 34S R. 34 ^{XX}W
Loc. 1320' FSL & 1980' FWL
County Seward
640 Acres
N



Locate well correctly
Elev.: Gr. 2882
DF 2892 KB 2894

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	1628	Pozmix Class "H"	550 150	6% Gel & 1/4" D-29 3% CaCl
Production	7-7/8	4-1/2	10.5	6503	Class "H"	260	18% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	Jets	6028' - 6039'

Size	Setting depth	Packer set at
2-1/16	6025	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized w/1000 gals 15% HCL; frac'd w/28,000 gals. cross-linked gel w/1 PPG 20/40 sand.	6028' - 6039'

INITIAL PRODUCTION

Date of first production Shut In		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio CFPB	
Disposition of gas (vented, used on lease or sold) Estimated CAOF - 5,000 NCF			Producing interval (s) 6028' - 6039'		

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 Cabot Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 2-1	Lease Name Hacker Unit	Gas
S <u>1</u> T <u>34S</u> R <u>34</u> ^W		

WELL LOG			SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.				
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand & Gravel	0	450	Winfield	2724
Red Bed & Gyp	450	1030		
Red Bed, Sand, Gyp & Salt	1030	1600	Toronto	4310
Anhydrite & Shale	1600	1690		
Red Beds & Anhydrite Shells	1690	2220	Lansing	4424
Shale & Anhydrite	2220	2320		
Anhydrite & Shale	2320	2610	Marmaton	5138
Dolomite & Shale	2610	2760		
Lime & Shale	2760	2980	Cherokee	5326
Broken Lime & Shale	2980	3200		
Lime & Shale	3200	3650	Morrow	5780
Lime	3650	3880		
Shale & Lime	3880	4220	Lower Morrow	6024
Lime & Shale	4220	4380	Sand	
Shale & Lime	4380	4420	Mississippi-	6048
Lime & Shale	4420	5620	Chester	
Shale & Lime Streaks	5620	5780	Ste. Genevieve	6372
Shale	5780	5940		
Shale, Sandy Lime & Sand	5940	6050	St. Louis	6444
Lime & Shale	6050	6170		
Limy Shale	6170	6310		
Lime & Sand	6310	6370		
Sandy Lime	6370	6440		
Lime & Chert	6440	6650		

Date Received	USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.		
	Ray W. Davis Signature		
	Agent		
	Title		
	August 21, 1980		
	Date		