

## KANSAS DRILLERS LOG

**IMPORTANT**  
Kans. Geo. Survey request  
samples on this well.

API No. 15 — 065 — 20,646  
County Number

S. 33 T. 9 R. 24 E W

Loc. C N $\frac{1}{2}$  N $\frac{1}{2}$  NW

Operator

Delta Western Co. & G. Reed

WICHITA, BRANCH

Address 1223 Union National Building  
Wichita, Kansas 67202

Well No.

#3

Lease Name

Critchfield

Footage Location

440

feet from (N) line

1320

feet from (W) line

Principal Contractor

Abercrombie Drilling

Geologist

George A. Reed

Spud Date

Dec. 8, 1973

Total Depth

4119'

P.B.T.D.

Date Completed

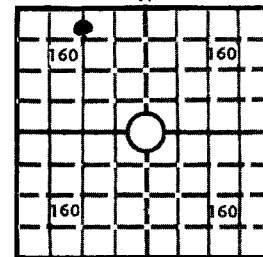
Dec. 15, 1973

Oil Purchaser

Clear Creek

County Graham

640 Acres  
N



Locate well correctly

Elev.: Gr. 2524

DF 2529 KB 2532

## 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	12-3/4"	8-5/8"	20#	265'		160	Reg. Port + 3%
	7-7/8"	5-1/2"		4111'		150	HLC + 21% &
							Reg. Port + 21%

## LINER RECORD

## PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	Jets	4042 to 4050
			4	"	4031 to 4034
			4	"	4006 to 4009


## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2500 15% Acid	4042-50 & 4031-34
1250 15% Acid	4006-09

## INITIAL PRODUCTION

Date of first production March 19, 1974		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil  bbls.	Gas None MCF	Water None bbls.	Gas-oil ratio  CFPB	
Disposition of gas (vented, used on lease or sold) None			Producing interval(s) 4006 to 4050		

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 Delta Western & George Reed		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. 3	Lease Name Critchfield		Oil
S <u>33</u> T <u>9</u> R <u>24</u> <sup>XX</sup> <sub>W</sub>			
<b>WELL LOG</b>		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
Clay & Shale	0	210	Anhydrite
Shale	210	1485	Heebner
Shale	1485	1745	Shale
Sand	1745	1938	Toronto
Shale	1938	2187	Lime
Anhydrite	2187	2223	Lansing
Shale	2223	2650	Base Kansas
Lime & Shale	2650	3875	City
Lime	3875	4120	RTD
Rotary Total Depth		4120	
<p>DST #1 3858-3875'</p> <p>Open 10 min. shut in 30 min</p> <p>Open 60 min. shut in 45 min</p> <p>Fair Blow Recovered 20' oil</p> <p>620' muddy water</p> <p>IBHP 807# FBHP 759# IFP 40-73#</p> <p>FFP 110-277#</p> <p>DST #2 4020-4057'</p> <p>Open 10 min. shut in 30 min.</p> <p>Open 60 min. shut in 30 min</p> <p>Very good blow Recovered 792'</p> <p>Froggy oil (ground out 95% oil)</p> <p>with 708' gas on top fluid</p> <p>IBHP 373# FBHP 368# IFP 27-159#</p> <p>FFP 215-338#</p> <p>DST #3 4052-4120'</p> <p>Tool open 20 minutes. Opened with</p> <p>a weak blow which died in 5 min.</p> <p>BHP Not taken IFP 42-42#</p>			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: right;">   Operator _____  Signature _____  Title _____  Feb. 19, 1974  Date _____ </div>		

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