

WELL COMPLETION REPORT AND DRILLER'S LOG

KANSAS

State Geological Survey

WICHITA BRANCH

API No. 15 — 051 — 22,324
County Number

Operator

Tenneco Oil Company

Address Suite 139, Ciudad Bldg., 3000 United Founders Blvd.
Oklahoma City, Oklahoma, 73112

Well No.

A-9

Lease Name

Weiland

Footage Location

1320'

feet from (N) (S) line

1320'

feet from (E) (W) line

Principal Contractor

Abercrombie Drlg., Inc.

Geologist

Mark Gannaway

Spud Date

3-5-81

Date Completed

4-19-81

Total Depth

3409'

P.B.T.D.

3335'

Directional Deviation

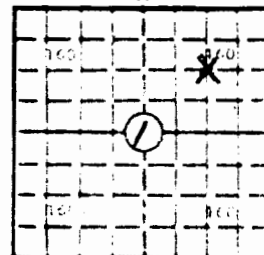
Oil and/or Gas Purchaser

Phillips

Loc. C- NE/4

County Ellis

640 Acres
N



Locate well correctly

Elev.: Gr. 1874G

DF. KB 1879

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	950	60/40 Poz W Class H	200 - 200	3% CC & 2% Gel 3% CC & 2% Gel
Production	7-7/8"	5-1/2"	15.5	3376	1st Lite & 60/40 Poz 2nd Lite & 60/40 Poz	20 Lite 20 Lite	100 60/40 135 60/40

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
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PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
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TUBING RECORD

Size	Setting depth	Packer set at
2-7/8"		—

See Attachment

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
See Attachment	

INITIAL PRODUCTION

Date of first production 4-17-81	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 18 bbls. Gas — MCF Water 44 bbls. Gas-oil ratio — CFPB
Disposition of gas (vented, used on lease or sold) None	Producing interval (s) 3270-74 2612-16 3009-3079 2728-32

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 Tenneco Oil Company		DESIGNATE TYPE OF COMP. DRY HOLE, SWDW, ETC.:		
Well No. A-9	Lease Name Weiland	Oil		
S <u>IT13S R16W</u>				
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 & Shale	0	940	Gamma-Correlation Micro-Seismogram Cased Hole Log	3321-1650
Anhydrite	940	979		
Sand & Shale	979	1803		
Shale & Lime	1803	3370	Logs Run	
Rotary Total Depth		3370	MSFL/GR	
TD		3409	FDC/CNL	
<u>DST #1 - 3227'-3277'</u> IHP 1067' FHP 1057' IFP 48-58 FFP 67-115 ISIP 10-23 FSIP 10-23 REC 190' OCM				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	 Signature Production Analyst Title May 26, 1981 Date Carolyn S. Arnold			

1-13-16w PC
9A' Weiland

PERFORATION RECORD

<u>Shots Per Foot</u>	<u>Size & Type</u>	<u>Depth Interval</u>
2	4" Csg. Gun	3370-75
2	4" Csg. Gun	3009-14
2	4" Csg. Gun	3166-70
2	4" Csg. Gun	3029-34
2	4" Csg. Gun	3096-3100
2	4" Csg. Gun	2912-16
2	4" Csg. Gun	2728-32

RECEIVED
STATE OF KANSAS
CONSERVATION DIVISION

JUL 15 1981
WICHITA, KANSAS

(P)

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1-13-16W

CONTRACTOR'S WELL LOG

State Geological Survey
WICHITA, BRANCH

OPERATOR: Tenneco Oil Company
CONTRACTOR: Abercrombie Drilling, Inc.
WELL NAME: WEILAND "A" #9
LOCATION: C NE, Section 1-13S-16W
Ellis County, Kansas
SPUD DATE: 3/05/81
COMPLETION DATE: 3/14/81

0	940	Sand & Shale
940	979	Anhydrite
979	1803	Sand & Shale
1803	3370	Shale & Lime
	3370	Rotary Total Depth

Spud hole @ 5:15 p.m., 3/05/81. Drilled 950' of a 12 $\frac{1}{4}$ " hole. Coming out of the hole to run surface casing. Ran 23 jts. of 8 5/8" - 24# casing (tally 979.78) Set @ 950'. Cemented with 200 sx. of 60-40 posmix, 2% gel, 3% c.c. Followed with 200 sx. of common 2% gel, 3% c.c. Plug was down @ 2:45 p.m., 3/06/81.

Run @ 3370'. Ran 81 jts. of 5 $\frac{1}{2}$ " - 15 $\frac{1}{2}$ # casing (tally 3367.91) Set @ 3369'. Cemented first stage with 20 sx. of 50-50 posmix, 2% gel, 10# gilsinite per sack, followed with 100 sx. of 60-40 posmix, 2% gel, 10% salt, 15 bbls. salt flush; 2nd stage cemented with 20 sx. of 50-50 posmix, 2% gel. Followed with 135 sx. of 60-40 posmix, 2% gel, 10% salt, 15 bbls. salt water flush. Job was completed @ 12:30 p.m., 3/14/81.

SAMPLE TOPS:

Anhydrite 940'

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

Jack L. Partridge, Vice President of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the WEILAND "A" #9, C NE, Section 1-13S-16W, Ellis County, Kansas.

ABERCROMBIE DRILLING, INC.

BY: Jack L. Partridge
Jack L. Partridge, Vice President

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state as of this 19th day of March, 1981.