

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

(Rules 82-3-130 and 82-3-107)

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F Letter requesting confidentiality attached.

C Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 7185 EXPIRATION DATE --

OPERATOR Luff Exploration Company API NO. 15-033-20.600

ADDRESS 1580 Lincoln Street, Suite 850 COUNTY Comanche
Denver, Colorado 80203 FIELD Wildcat w/ more East

** CONTACT PERSON R. A. Ferris PROD. FORMATION Mississippian
 PHONE (303) 861-2468 X Indicate if new pay.

PURCHASER Getty Trading & Transportation, Inc. LEASE LGK

ADDRESS 1670 Broadway, Box 5568, I.A. WELL NO. K-26
Denver, Colorado 80217 WELL LOCATION NE/SW

DRILLING H-30 Drilling 1980 Ft. from West Line and
 CONTRACTOR 1980 Ft. from South Line of (X)
 ADDRESS Suite 10, 251 North Water the SW (Qtr.) SEC 26 TWP 31S RGE 17W.
Wichita, Kansas 67202

PLUGGING --

CONTRACTOR

ADDRESS

WELL PLAT

(Office Use Only)

	26		
	X		

KCC
 KGS
 SWD/REP
 PLG.
 NGPA

TOTAL DEPTH 4950' PBDT 4930'SPUD DATE 9/4/83 DATE COMPLETED SIELEV: GR 1936' DF 1942' KB 1943'DRILLED WITH (CABLE) (ROTARY) XXIX TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

Amount of surface pipe set and cemented 515' DV Tool Used? No

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

4880' to 4883'

Amount and kind of material used		Depth interval treated	
<u>500 Gallons 15% DFE-NE-HCL</u>		<u>4911' to 4918'</u>	
<u>1500 Gallons 15% FE-NE-HCL</u>		<u>4883' to 4902'</u>	
Date of first production		Producing method (Flowing, pumping, gas lift, etc.)	
<u>SI-(Pending Gas Venting Exception)*</u>		<u>Pumping</u>	
Estimated	Oil	Gas	Water
<u>Production-I.P.</u>	<u>13</u>	<u>34</u>	<u>62</u>
Disposition of gas (vented, used on lease or sold)		Gravity <u>34°</u> API	
<u>Vented and used on Lease</u>		<u>4911' to 4918' & 4883' to 4902'</u>	
		Perforations	

*Testing 4-25-84 to 5-2-84

ACO-1 Well History

Side TWO

OPERATOR Luff Exploration Co. LEASE NAME LGK SEC 26 TWP 31S RGE 17 (W)

OEX

WELL NO K-26

FILL IN WELL INFORMATION AS REQUIRED;

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

Check if no Drill Stem Tests Run. <u>XX</u> Check if samples sent Geological Survey. DST #1 - Mississippian IF 30; ISI 60; FF 60; FSI 120 IF: Opened tool w/ weak blow, died in 1 min. FF: Opened tool w/ weak blow, incr. to bottom of bucket in 5 min. GTS in 40 min. Too small to measure. Recovery: 190' slightly gas cut mud Pressures: IHP: 2403 FFP: 42-118 IFP: 59-118 FSIP: 1277 ISIP: 667 FHP: 2309 BHT: 120° F DST #2 - Mississippian IF 15; ISI 60; FF 90; FSI 120 IF: Opened tool w/ strong blow. GTS 10 min. 5/8" choke; 5.6 psi; 196 mcf/d rate FF: Opened tool w/ GTS - rate at end of flow; 5/8" choke; 4.5 psi; 185 mcf/d rate Recovery: 585' total fluid Pressures: IHP: 2545 FFP: 88-196 IF: 59-98 FSI: 1702 ISI: 1702 FHP: 2545 BHT: 128° F If additional space is needed use Page 2	4854'	4905'	Chase	2335'
			Council Grove	2711'
	4906'	4950'	Indian Cave	3166'
			Howard	3591'
			Topeka	3768'
			Heebner	4068'
			Lansing	4262'
			B. Kansas City	4691'
			Marmaton	4709'
			Cherokee	4834'
			Mississippian	4873'
			TD	4950'
		Sample Chamber:	50 psi; .01 cu. ft. gas	
			120 cc oil	
			1050 cc water	
			30 cc mud	
			1250 cc Total liquid	
			64,500 mg/L CL	

Report of all strings set — surface, intermediate, production, etc.

CASING RECORD New or (Used)

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#	515'	Class 'H'	300	2% Gel 3% CaCl ₂
Production	7-7/8"	5-1/2"	14#	4945'	50-50 PozMix	200	3% CaCl ₂ 2% Gel 10#/sx Gilsonite 10% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			1	.44 Jet	4911' to 4918'
Size	Setting depth	Packer set at			
2-7/8"	4907'	--	1	.44 Jet	4902' to 4896'
					4886' to 4892'

26-31-17W



LAUGHLIN-SIMMONS & CO. OF KANSAS, INC.
OIL FIELD SURVEYING
1337 NORTH MERIDIAN, SUITE 2 (316) 943-5351
WICHITA, KANSAS 67203

KW5178317
INVOICE NO.

State Geological Survey
WICHITA BRANCH

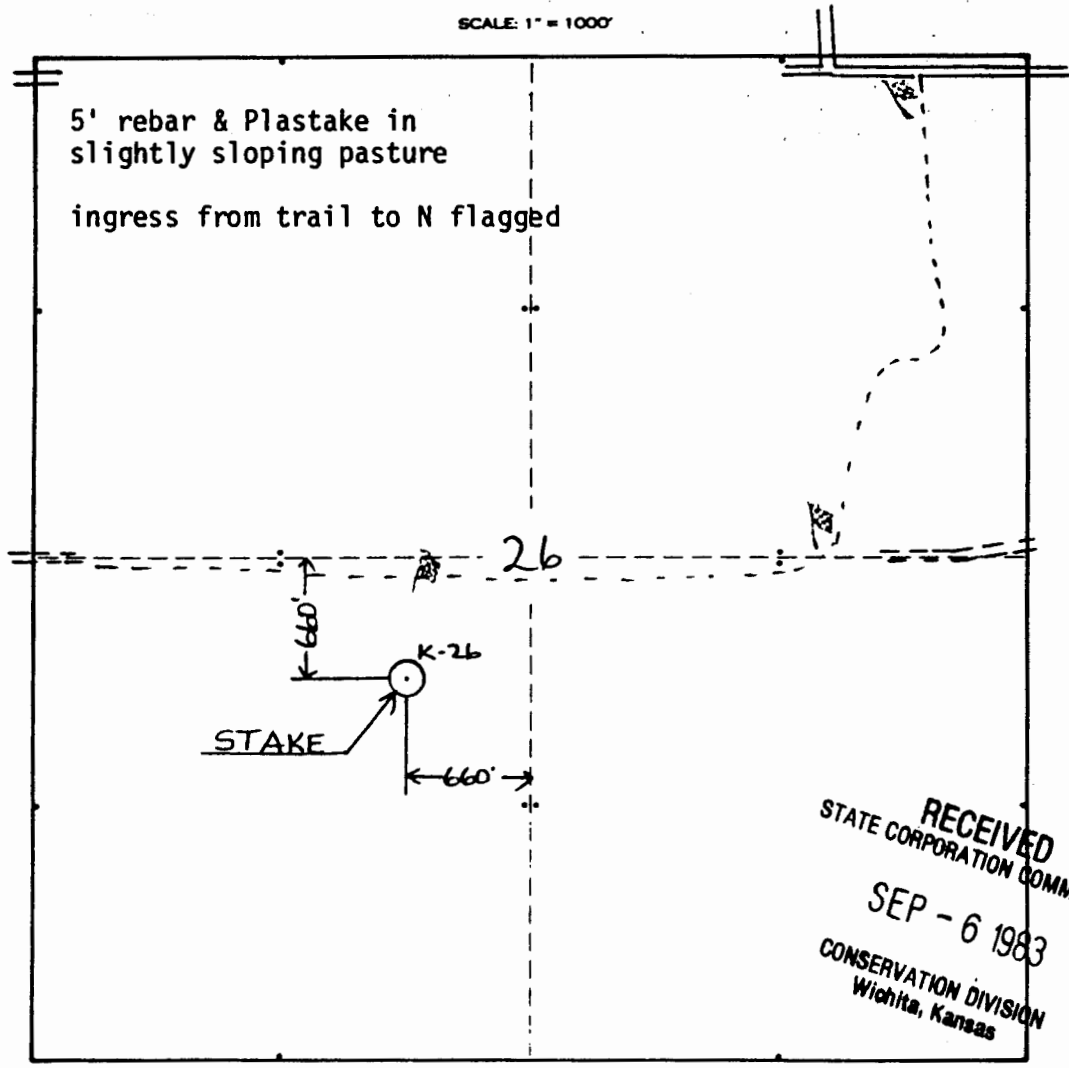
LUFF EXPLORATION COMPANY			K-26	LGK
OPERATOR			NO.	FARM
Comanche	26	31s 17w	C NE SW	
COUNTY	S	T R	LOCATION	
				ELEVATION: 1936gr



LUFF EXPLORATION COMPANY
1580 Lincoln Street Suite 850
Denver, Colorado 80203

AUTHORIZED BY: Larry Carrell

SCALE: 1" = 1000'



RECEIVED
STATE CORPORATION COMMISSION
SEP - 6 1983
CONSERVATION DIVISION
Wichita, Kansas