

WELL LOG

OPERATOR: Kaiser-Francis Oil Company

WELL NAME: Johnson 'F' #5 LOCATION: NE NE NE 31-11s-18W

COUNTY: Ellis STATE: Kansas

WELL COMMENCED: January 23, 1981 WELL COMPLETED: February 2, 1981

ELEVATION: 2086' K.B. TOTAL DEPTH: 3663'

PRODUCTION: Oil RIG NO: #3

CASING - 8 5/8": 7Jts. new 28# Tallied @277.17' Set @ 285.17' Cemented with 175 sxs common 2% gel 3% cc cement did circ

5 1/2": Ran 104 Jts. 14# and 15# used Tally @3655' Set @3649' cemented with:

1st Stage, 250 sxs 50-50poz 18% salt 2nd Stage, 350 sxs 50-50 poz 6%gel PDE

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING: 9:45 P.

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS:
0'	72'	post rock lime and shale		
72'	285'		285' - 3/4 - degree	
285'	292'			
292'	1151'	sand and shales		
1151'	1345'	shales and sand		
1345'	1405'	shale and lime		
1405'	1441'	Anhydrite		
1441'	1542'	shale and lime	1523' - 1 - degree	
1542'	2052'	shales		
2052'	2360'	shales		
2360'	2449'	shales	2375' - 3/4 - degree	
2449'	2636'	shales and lime		
2636'	2649'	shale and lime		
2649'	2793'	shale and lime		
2793'	2939'	shales and lime		
2939'	3057'	lime and shale		
3057'	3142'	lime and shale	3142' - 1 - degree	
3142'	3229'	lime		
3229'	3423'	lime		
3423'	3488'	lime		
3488'	3567'	lime		
3567'	3619'	lime	3619' - 1/2 - degree	
3619'	3663'	Arbuckle		
3663'	RTD			

RECEIVED
STATE CORPORATION COMMISSION

FEB 27 1981

CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS
COUNTY OF

The undersigned hereby certifies that to the best of his knowledge and belief, the above facts are true and correct

PIONEER DRILLING CO., INC.

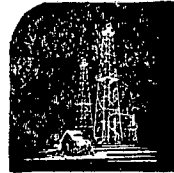
By Connie J. Austin

SUBSCRIBED AND SWORN TO, BEFORE ME, This 16th day of February, 1981

Judy Smith
NOTARY PUBLIC

JUDY SMITH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Expires 1-5-85

R. A. CORMEAU, President



PIONEER DRILLING CO., INC.
308 WEST MILL
PLAINVILLE, KANSAS 67663
PHONE 913-434-4686

LOWELL MOORE, Drilling Supt.

February 26, 1981

State Corporation Commission
200 Colorado Derby Building
202 West 1st Street
Wichita, Kansas 67202

ATTENTION: Well Log Department

Dear Sir:

Attached is a Well Log for the Johnson "F" #5 which we have corrected. Corrections were made on Production, it was D & now Oil, and on 5 1/2" production casing, it was set at 3549' - now 3649'.

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CONSERVATION DIVISION
WICHITA, KANSAS

We would appreciate it very much if you would destroy the original we sent and put this Well Log on record.

Thank you.

Sincerely yours,

PIONEER DRILLING COMPANY, INC.

Connie Jo Austin
Secretary-Bookkeeper

CJA