

15-185-22704-0000



MICRO LOG

OPEN HOLE

COMP. HALLWOOD PETROLEUM INC. WELL HUFFORD NO. 1 FIELD N.A. COUNTY STAFFORD ST. KANSAS	COMPANY	HALLWOOD PETROLEUM INC.		
	WELL	HUFFORD NO. 1		
	FIELD	N.A.		
	COUNTY	STAFFORD	STATE	KANSAS
	APl NO.	185-22,704	OTHER SERVICES	
LOCATION	NW NE SW 2910 FSL AND 3630 FEL	DIGL DSN/CDL CAL MICRO		
SEC. 32	THP. 21S	RGE.	13W	
PERMANENT DATUM	GROUND LEVEL	ELEV. 1901	ELEV.: K.B. 1906	
LOG MEASURED FROM	KELLY BUSHING	5.0 FT. ABOVE PERM. DATUM	D.F. N.A.	
DRILLING MEASURED FROM	KELLY BUSHING		G.L. 1901	
DATE	08/22/90			
RUN NO.	ONE			
DEPTH-DRILLER	3870			
DEPTH-LOGGER	3874			
BTM. LOG INTER.	3872			
TOP LOG INTER.	2800			
CASING-DRILLER	8.625 @ 312	e	e	
CASING-LOGGER	312			
BIT SIZE	7.875			
TYPE FLUID IN HOLE	CHEMICAL			
DENS. VISC.	9.3 50	i	i	
PH FLUID LOSS	10.5 10.8 ML	i ML	i ML	
SOURCE OF SAMPLE	MUD PIT			
RM @ MEAS. TEMP.	0.56 @ 81 F	e F	e F	
RMF @ MEAS. TEMP.	0.48 @ 80 F	e F	e F	
RMC @ MEAS. TEMP.	0.69 @ 81 F	e F	e F	
SOURCE RMF RMC	MEAS MEAS	i	STATE CORPORATION COMMISSION	
RM @ BHT	0.38 @ 118 F	e F	e F	
TIME CIRC. STOPPED	02:00 AM		NOV 6 1994	
TIME ON BOTTOM	08:30 AM			
MAX. REC. TEMP.	118 Fe TD	Fe	Fe	
EQUIP. LOCATION	51540 GT BEND	i	REGISTRATION DIVISION	
RECORDED BY	MR. R. ELLER		ST. KANSAS	
WITNESSED BY	MR. S. ALBERG	MR. W. HART		

15.185.22704.0000



COMPUTER ANALYZE LOG

OPEN HOLE

COMP. HALLWOOD PETROLEUM INC. WELL HUFFORD NO. 1 FIELD N.A. COUNTY STAFFORD ST. KANSAS	COMPANY HALLWOOD PETROLEUM INC.		
	WELL HUFFORD NO. 1		
	FIELD N.A.		
	COUNTY STAFFORD	STATE KANSAS	
	API NO. 185-22,704 LOCATION NW NE SW 2310 FSL AND 3630 FEL	OTHER SERVICES DIGL DSN/CDL CAL MICRO	
SEC. 32	TWP. 21S	RGE. 13W	
PERMANENT DATUM	GROUND LEVEL	ELEV. 1901	ELEV.: K.B. 1906
LOG MEASURED FROM	KELLY BUSHING	5.0 FT. ABOVE PERM. DATUM	D.F. N.A.
DRILLING MEASURED FROM	KELLY BUSHING		G.L. 1901
DATE	08/22/90		
RUN NO.	ONE		
DEPTH-DRILLER	3870		
DEPTH-LOGGER	3874		
BTM. LOG INTER.	3872		
TOP LOG INTER.	2800		
CASING-DRILLER	8.625 @ 312		
CASING-LOGGER	312		
BIT SIZE	7.875		
TYPE FLUID IN HOLE	CHEMICAL		
DENS. VISC.	9.3 50		
PH FLUID LOSS	10.5 10.8 ML		
SOURCE OF SAMPLE	MUD PIT		
RM @ MERS. TEMP.	0.56 @ 81 F		
RMF @ MERS. TEMP.	0.48 @ 80 F		
RMC @ MERS. TEMP.	0.69 @ 81 F		
SOURCE RMF RMC	MERS MERS		
RM @ BHT	0.38 @ 118 F		
TIME CIRC. STOPPED	02:00 AM		NOV 07 1994
TIME ON BOTTOM	08:30 AM		
MAX. REC. TEMP.	118 F @ TD		
EQUIP. LOCATION	S1540 GT BEND		WICHITA, KANSAS
RECORDED BY	MR. R. ELLER		
WITNESSED BY	MR. S. ALBERG	MR. W. HART	

15.185-22704.0000

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

OPERATOR HALLWOOD PETROLEUM, INC
 LEASE HUFFERD #1
 FIELD UNNAMED
 LOCATION NW-NE-SW
 SEC. 32 TWS. 21S RNG. 13W
 COUNTY STAFFORD STATE KANSAS

ELEVATIONS

KB 1906
 DF _____
 GL 1901

MEASUREMENTS ARE ALL
 FROM K.B.

CONTRACTOR DUKE DRILLING, Rig #1
 COMM. 8-16-90 COMP 8-22-90
 RTD 3870 LOG TO 3875
 SAMPLES SAVED FROM 2700 TO T.O.
 DRILLING TIME KEPT FROM 2700 TO T.O.
 SAMPLES EXAMINED FROM 2700 TO T.O.
 GEOLOGICAL SUPERVISION FROM 2800 TO T.O.
 MUD UP 2800 TYPE MUD CHEMICAL-DRISPAK
 API#: 15-185-22,704

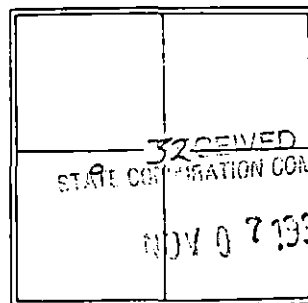
CASING RECORD

SURFACE 8 5/8" SET @
312'
 PRODUCTION _____

ELECTRICAL SURVEYS

HLS - DIL, CNCD

FORMATION	LOG		SAMPLE		STRUCT COMP.
	TOP	DATUM	TOP	DATUM	
ANHYDRITE	775	(+1131)	772	(+1134)	(-1123)
TOPEKA	2891	(-985)	2889	(-983)	(-)
HUFFERD	3264	(-1358)	3264	(-1358)	(-1334)
TORONTO	3287	(-1381)	3285	(-1379)	(-1353)
BROWN LIMF	3395	(-1489)	3392	(-1486)	(-1461)
LANSING	3406	(-1500)	3403	(-1497)	(-1476)
13/KC	3622	(-1716)	3619	(-1713)	(-1688)
VIOLA	3675	(-1769)	3676	(-1770)	(-1734)
SIMPSON SHALE	3724	(-1818)	3722	(-1816)	(-1790)
ARBUCKLE	3726	(-1870)	3770	(-1864)	(-1838)
R.T.O.	3875	(-1969)	3870	(-1964)	



REFERENCE WELL FOR STRUCTURAL COMPARISON J.M. Stewart #2 Well,
SE-SE-NE, Sec 31-T21S-R13W, K.B. 1917, Stafford County, KS



DUAL INDUCTION LATEROLOG

OPEN HOLE

COMP. HALLWOOD PETROLEUM INC. WELL HUFFORD NO. 1 FIELD N.A. COUNTY STAFFORD ST. KANSAS	COMPANY HALLWOOD PETROLEUM INC.	
	WELL HUFFORD NO. 1	
	FIELD N.A.	
	COUNTY STAFFORD	STATE KANSAS
	API NO. 165-22,704 LOCATION NE SW 2910 FSL AND 3630 FEL	OTHER SERVICES DIGL DSN/CDL CAL MICRO
SEC. 32	TWP. 21S	RGE. 13W
PERMANENT DATUM	GROUND LEVEL	ELEV. 1901
LOG MEASURED FROM	KELLY BUSHING	5.0 FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM	KELLY BUSHING	
ELEV.: K.B. 1906	D.F. N.A.	G.L. 1901
DATE	08/22/90	
RUN NO.	ONE	
DEPTH-DRILLER	3870	
DEPTH-LOGGER	3875	
BTM. LOG INTER.	3871	
TOP LOG INTER.	300	
CASING-DRILLER	8.625 @ 312	@ @ @
CASING-LOGGER	312	
BIT SIZE	7.875	
TYPE FLUID IN HOLE	CHEMICAL	
DENS. VISC.	9.3 50	
PH FLUID LOSS	10.5 10.8 ML	ML ML ML
SOURCE OF SAMPLE	MUD PIT	
RM @ MERS. TEMP.	0.56 @ 81 F	@ F @ F @ F
RMF @ MERS. TEMP.	0.48 @ 80 F	@ F @ F @ F
RMC @ MERS. TEMP.	0.69 @ 81 F	@ F @ F @ F
SOURCE RMF RMC	MERS MERS	
RM @ BHT	0.38 @ 118 F	@ F @ F @ F
TIME CIRC. STOPPED	02:00 AM	
TIME ON BOTTOM	06:30 AM	
MAX. REC. TEMP.	118 F @ TD	F @ CONSER F @ F @
EQUIP. LOCATION	51540 GT BEND	
RECORDED BY	MR. R. ELLER	
WITNESSED BY	MR. S. ALBERG	MR. H. HART



Kansas Corporation Commission

Joan Finney, Governor Susan M. Seltsam, Chair F.S. Jack Alexander, Commissioner Rachel C. Lipman, Commissioner
 Judith McConnell, Executive Director Brian Moline, General Counsel

NOTICE OF RECEIPT OF WELL PLUGGING APPLICATION (CP-1)

November 7, 1994

Hallwood Petroleum Inc
 P O Box 378111
 Denver CO 80237

Hufford #1
 API 15-185-22,704
 2310 FNL 3630 FWL
 Sec. 32-21S-13W
 Stafford County

Dear George Hutton,

This letter is to notify you that the Conservation Division is in receipt of your plugging proposal, form CP-1, for the above-captioned well.

Your CP-1 has been reviewed by the Conservation Division central office for completeness and to verify license numbers. The plugging proposal will now be forwarded to the district office listed below for review of your proposed method of plugging.

Please contact the district office for approval of your proposed plugging method at least at five (5) days before plugging the well, pursuant to K.A.R. 82-3-113 (b). If a workover pit will be used during the plugging of the well it must be permitted. A CDP-1 form must be filed and approved prior to the use of the pit.

The Conservation Division's review of form CP-1, either in the central or district office, does not include an inquiry into well ownership or the filing operator's legal right to plug the well.

This notice in no way constitutes authorization to plug the above-captioned well by persons not having legal rights of ownership or interest in the well. This notice is void after ninety (90) days from the above date.

Sincerely,


David P. Williams
 Production Supervisor

District: #1
 304 W. McArtor
 Dodge City KS 67801
 (316) 225-6760