

15-195-21523-00-00

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 15-195-21523-00-00

LEASE NAME Nilhaus

WELL NUMBER 1

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

560 Ft. from S Section Line

580 Ft. from E Section Line

SEC. 20 TWP. 11 RGE. 22 (E) or (W)

COUNTY Trego

Date Well Completed 6-20-84

Plugging Commenced 9-19-97

Plugging Completed 9-19-97

LEASE OPERATOR JERRY PATTERSON OIL

ADDRESS Box 307 Logan Ks.

PHONE (785) 689-4897 OPERATORS LICENSE NO. 9559

Character of Well OIL

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on 9-5-97 (date)

by DAVID WILLIAMS (KCC District Agent's Name).

Is ACO-1 filed? Yes If not, Is well log attached? _____

Producing Formation MARMATON Depth to Top 3874 Bottom 3880 T.D. 3982

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled out
<u>MARM.</u>	<u>Oil</u>	<u>3874</u>	<u>80</u>	<u>8 5/8</u>	<u>208</u>	<u>NONE</u>
<u>LKC.</u>	<u>Oil</u>	<u>35-49</u>	<u>3774</u>	<u>4 1/2</u>	<u>3981</u>	<u>NONE</u>

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set.

SQUAZED DOWN 4 1/2 CS9. w/ 16SKS. MID. CON. CMT. @ 41200# HULLS FOLLOWED BY 16SKS 9EL. 100SKS MID. CON. CMT. 200# HULLS MAX PRESSURE 450# SQZD. 8 5/8 w/ 24SKS. MID. CON IT CEMENT w/ 100# HULLS 200# MAX PRESSURE PERFORATED DAKOTA @ 900' ANYH. @ 1750' PRIOR TO PLUGGING.
(if additional description is necessary, use BACK of this form.)

Name of Plugging Contractor HALLIBURTON ENERGY SUCS. License No. _____

Address HAYS

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: STEPHEN MORRISON

STATE OF Kansas COUNTY OF Phillips, ss.

(Employee of Operator) or (Operator) of above-described well, being first July sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) [Signature]

(Address) Box 307 Logan Ks.

SUBSCRIBED AND SWORN TO before me this 28th day of October, 19 97

KATHY S. NOEL
State of Kansas
My Appl. Exp. 2-15-2001

Kathy S. Noel
Notary Public

My Commission Expires: 2-15-2001

15-195-21523-00-00



GAMMA-GUARD SIDEWALL NEUTRON LOG

COMP. JERRY PATTER WELL NILHAS #1 FIELD N/A COUNTY TREGO ST. KS	COMPANY	JERRY PATTERSON OIL			
	WELL	NILHAS #1			
	FIELD	N/A			
	COUNTY	TREGO	STATE	KS.	
	RPI NO. LOCATION	15-195-21523-00-00		OTHER SERVICES	
	560 FT. FSL 580 FT. FEL	NW/4			
SEC.	20	TWP.	11S.	RGE.	22W.
PERMANENT DATUM	GROUND LEVEL	ELEV.	2274 FT.	ELEV. : K.B.	2279 FT.
LOG MEASURED FROM	KELLY BUSHING	5	FT. ABOVE PERM. DATUM	D.F.	
DRILLING MEASURED FROM	KELLY BUSHING			G.L.	2274 FT.
DATE	6/16/84				
RUN NO.	ONE				
DEPTH-DRILLER	3983 FT.				
DEPTH-WELEX	3982 FT.	GAMMA RAY	GUARD		
BTM. LOG INTER.	3981 FT.	3952 FT.	3966 FT.		
TOP LOG INTER.	3200 FT.				
CASING-DRILLER	8 5/8 e 208	e	e	e	e
CASING-WELEX	N/A				
BIT SIZE	7.875 IN.				
TYPE FLUID IN HOLE	STARCH				
DENS. : VISC.	10.0 : 47	:	:	:	:
PH : FLUID LOSS	6.8 : 6.8 ML	:	ML	:	ML
SOURCE OF SAMPLE	FLOWLINE				
RM e MEAS. TEMP.	0.50 e 86 F	e	F	e	F
RMF e MEAS. TEMP.	0.47 e 86 F	e	F	e	F
RMC e MEAS. TEMP.	0.52 e 86 F	e	F	e	F
SOURCE RMF RMC	MEAS. : MEAS.	:	:	:	:
RM e BHT	0.38 e 112 F	e	F	e	F
TIME SINCE CIRC.	0.5 HOURS				
TIME ON BOTTOM	02:18				
MAX. REC. TEMP.	112 Fe T.D.	Fe	Fe	Fe	Fe
EQUIP. : LOCATION	1932 : HAYS	:	:	:	:
RECORDED BY	J.M. JACKSON				
WITNESSED BY	R. ELDER				