

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

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

API NUMBER 15-145-20,548-0000

LEASE NAME Wood

WELL NUMBER #1

SPOT LOCATION C NW SE

SEC. 28 TWP. 20 RGE. 17W(E) or (W)

COUNTY Pawnee

Date Well Completed _____

Plugging Commenced 7-17-86

Plugging Completed 7-21-86

TYPE OR PRINT

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

LEASE OPERATOR Boulevard State Bank & Energy Management, Inc.

ADDRESS Box 1441 Wichita, Kansas 67201

PHONE # (316) 688-5554 OPERATORS LICENSE NO. 5502

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

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? Yes

Which KCC/KDHE Joint Office did you notify? Dodge City, Kansas

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

Producing formation _____ Depth to top _____ bottom _____ T.D. 4000'

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
				8-5/8"	301'	none
				4-1/2"	2260'	1498'

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.

Pumped bottom with 1 sack hulls and 25 sacks cement to 1800', shot pipe @1498' and pulled a total of 37 joints of 4-1/2" casing. Plugged surface with 1 sack hulls and 100 sacks econolite.
Plugging Complete
(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Kelso Casing Pulling, Inc.
Address P.O. Box 347 Chase, Kansas 67524

License No. 60507ED
RECEIVED
STATE CORPORATION COMMISSION
CONS. DIV WICHITA KS

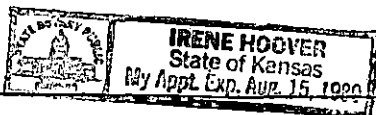
STATE OF Kansas COUNTY OF Rice, ss.

R. Darrell Kelso, President (employee of operator) or (operator) of above-described well, being first duly sworn on oath, says: 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) R. Darrell Kelso

(Address) Box 347 Chase, Ks. 67524

SUBSCRIBED AND SWORN TO before me this 24th day of July, 1986



Irene Hoover
Notary Public

My Commission expires: _____

15.145.20548.0000

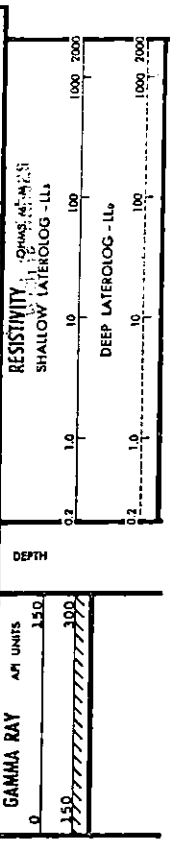
K.G.S. LIBRARY Schlumberger		DUAL LATERLOG	
COUNTY <u>PAWNEE</u> STATE <u>KANSAS</u> LOCATION <u>28-205-17W</u> WELL <u>WOOD #1</u> COMPANY <u>SANDERS OIL CO.</u>			
COMPANY <u>SANDERS OIL COMPANY</u> WELL <u>WOOD #1</u> FIELD <u>WILDCAT</u> COUNTY <u>PAWNEE</u> STATE <u>KANSAS</u>		LOCATION <u>C NW SE</u> Other Services: <u>FDC-CNL-GR</u>	
Permanent Datum <u>GROUND LEVEL</u> Elev. <u>2087</u> Log Measured From <u>KB</u> <u>5</u> Ft. Above Perm. Datum Drilling Measured From <u>KB</u>		Elev.: <u>K.S. 2092</u> <u>D.F. 2089</u> <u>G.L. 2087</u>	
Date <u>11-25-78</u> Run No. <u>ONE</u> Depth-Driller <u>4000</u> Depth-Logger (Schl.) <u>4000</u> Btm. Log Interval <u>3986</u> Top Log Interval <u>301</u> Casing-Driller <u>8 5/8 @ 301</u> Casing-Logger <u>301</u> Bit Size <u>7 7/8</u> Type Fluid in Hole <u>STARCH</u> Dens. <u>10.0</u> Visc. <u>55</u> pH <u>6.2</u> Fluid Loss <u>22.6</u> ml Source of Sample <u>PIT</u> Res @ Meas. Temp. <u>0.136 @ 77°F</u> <u>0.092 @ 110°F</u> Rmf @ Meas. Temp. <u>0.133 @ 66°F</u> <u>0.083 @ 110°F</u> Rmc @ Meas. Temp. <u>0.204 @ 77°F</u> <u>0.138 @ 110°F</u> Source: Rmf <u>M</u> Rmc <u>C</u> Res @ BHT <u>0.092 @ 110°F</u> Circulation Stopped <u>1130</u> Logger on Bottom <u>1600</u> Max. Rec. Temp. <u>110</u> Equip. Location <u>7747 WICH</u> Recorded By <u>BURGER</u> Witnessed By Mr. <u>SCOTT</u>			

K.G.S. LIBRARY

68870
6043

The well name, location and borehole reference data were furnished by the customer.

Run No. <u>ONE</u> Service Order No. <u>35089</u> Fluid Level <u>SURFACE</u> Log Type <u>SP</u> Log Company <u>61000</u>	Scale Changes Type Log _____ Depth _____ Scale Up Hole _____ Scale Down Hole _____	EQUIPMENT DATA Panel (DIP) <u>R-777</u> Panel (SHP) <u>CC</u> Cartridge (D/C) <u>B-764</u> Cartridge (S/E) _____ Sensor (DS) <u>BB-745</u> Sensor (SS) _____ Lower Electrode (D/E) _____ Minimizer Panel _____ Tape Recorder (TR) _____ Depth Recorder (DR) _____ Pressure Wireline (CPW) _____ Inert Gas _____ Pendulum _____ Incline or None _____ S. O. Inches <u>0</u>	REMARKS <u>GR MEMORIZED 16 FEET</u>
CALIBRATION DATA GR <u>100</u> BKG. CFS <u>325</u> Source CFS _____	LOGGING DATA Sensitivity <u>150</u> Scale - 100 Div. <u>150</u> T. C. - set <u>AUTO</u>	BOTTOM HOLE TEMPERATURE Time Entering Hole _____ Time Bottom Reached _____ Time Last Off Bottom _____ Time Out of Hole _____ Distance TD to Therm. _____ Thermometer #1 _____ Thermometer #2 _____ Thermometer #3 _____	Rm FROM DRILL STEAM TEST DST #1 Rm @ 100' <u>0.092</u> DST #2 Rm @ 100' <u>0.136</u>



All interpretations are opinions based on information furnished from abstracts on other measurements and are not warranted. Schlumberger is not responsible for any loss, cost, damage or expense of any kind incurred by the customer in connection with this service. These interpretations are only subject to Schlumberger's General Terms and Conditions as set out in the contract file attached.