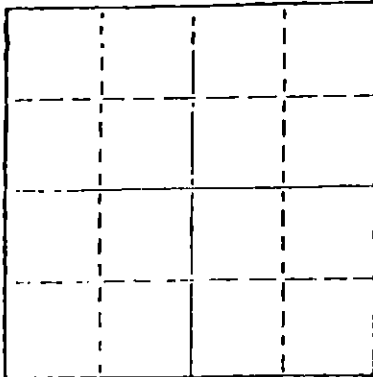


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Locate well correctly on above
Section Plot

Hodgeman County. Sec. 4 Twp. 24S Rge. 23 E
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines

C NE NE
Lease Owner Energy Methods Corp.
Lease Name EMC-WOODS Well No. #1-4
Office Address 2850 Security Life Bldg. 1616 Denver, Co. 80202
Character of Well (Completed as Oil, Gas or Dry Hole)

Date Well completed 8-24 1981
Application for plugging filed 8-24 1981
Application for plugging approved 8-24 1981
Plugging commenced 8-24 1981
Plugging completed 8-24 1981
Reason for abandonment of well or producing formation

If a producing well is abandoned, date of last production 19

Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Clarence Thomas, Jr.
Producing formation Depth to top Bottom Total Depth of Well 4850'
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	569'	None

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 hold. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Heavy Mud to 980', 75 sx. cement.
Heavy Mud to 500', plug, 40 sx. cement.
Heavy Mud to 40', plug, 10 sx. cement.
Heavy Mud & 5 sx. cement in rathole.

RECEIVED

STATE CORPORATION COMMISSION

SEP 15 1981

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor White & Ellis Drilling, Inc.
401 E. Douglas Suite 500 Wichita, Ks. 67202

CONSERVATION DIVISION
Wichita, Kansas

STATE OF Kansas COUNTY OF Sedgwick, ss.
Ernest Sifford (employee of owner) or (owner or operator)
of the above-described well, being first duly 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 and that the same are true and correct. So help me God.



(Signature) Ernest Sifford
401 E. Douglas Suite 500 Wichita, Ks. 67202
(Address)

SUBSCRIBED AND SWORN TO before me this 14th day of September, 1981

Gloria James
Gloria James -----Notary Public.

My commission expires April 6, 1985

DRILLERS LOG

OPERATOR: Energy Methods, Inc. 2850 Security Life Bldg. 1616 Glenarm Place Denver, Co. 80202
CONTRACTOR: White & Ellis Drilling, Inc., Box 448, El Dorado, Kansas 67042

Lease Name EMC-WOODS Well No. #1-4

Sec. 4 T. 24 R. 23W Spot C NE NE

County Hodgeman State Kansas Elevation _____

Casing Record:

Surface: 8 5/8 @ 569' with 300 Sxs. 2%gel
3%cc

Production: _____ @ _____ with _____ Sxs.

Type Well: D & A Total Depth 4850'

Drilling Commenced: 8-14-81 Drilling Completed 8-24-81

Formation	From	To	Tops
Cellar	0	5	Mississippi 4710
Lime, Sand	5	20	
Sand, Gravel, Shale	20	575	
Sandy Shale	575	963	
Lime	963	995	
Sand, Shale	995	1268	
Shale	1268	1594	
Anhydrite	1594	1619	
Shale	1619	1715	
Shale, Lime	1715	3320	
Lime, Shale	3320	3873	
Lime	3873	4128	
Lime, Shale	4128	4710	
Conglomerate, Lime	4710	4714	
Lime	4714	4850	

COMPLETION RECORD

Liner Record: Size _____ From _____ To _____

Cementing Record: _____ Sacks _____

Perforating Record:

Formation	Perforated Interval	Number Shots
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Initial Production: _____

Electric Log _____ Type and Depths Covered _____

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STATE CORPORATION COMMISSION

SEP 15 1981

CONSERVATION DIVISION
Wichita, Kansas