

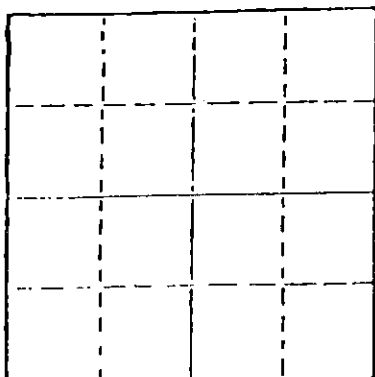
STATE OF KANSAS  
STATE CORPORATION COMMISSION

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

Edwards County, Sec. 20 Twp. 24S Rge. 18 XX/W  
Location as "NE/CNW $\frac{1}{2}$ SW $\frac{1}{2}$ " or footage from lines C NW NW

Lease Owner Imperial Oil Co.  
Lease Name Cross Well No. #1-20  
Office Address 720 4th Financial Center Wichita, Ks. 67202  
Character of Well (Completed as Oil, Gas or Dry Hole) Dry Hole.



Locate well correctly on above Section Plat

Date Well completed 12-19 1981  
Application for plugging filed 12-19 1981  
Application for plugging approved 12-19 1981  
Plugging commenced 12-19 1981  
Plugging completed 12-19 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 Wm. T. Owen  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 4640'  
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	605'	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.

Mud to 630', plug, 60 sx. cement.  
Mud to 570', plug, 35 sx. cement.  
Mud to 40', plug, 10 sx. cement.  
5 sx. cement in rathole.

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

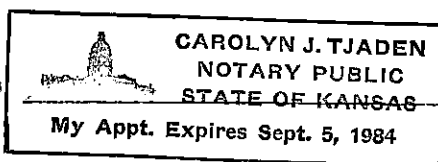
Name of Plugging Contractor White & Ellis Drilling, Inc.  
401 E. Douglas Suite 500 Wichita, Ks. 67202

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 #500 Wichita, Ks. 67202  
(Address)

SUBSCRIBED AND SWORN TO before me this 6th day of January, 1982

My commission expires



Carolyn J. Tjaden  
Carolyn J. Tjaden Notary Public.

RECEIVED  
STATE CORPORATION COMMISSION  
1-7-82  
CONSERVATION DIVISION  
Wichita Kansas

DRILLERS LOG

OPERATOR: Imperial Oil Co. <sup>720</sup> 4th Financial Center Wichita, Ks. 67202  
 CONTRACTOR: White & Ellis Drilling, Inc., Box 448, El Dorado, Kansas 67042  
 Lease Name Cross Well No. #1-20  
 Sec. 20 T. 24S R. 18W Spot C NW NW  
 County Edwards State Kansas Elevation \_\_\_\_\_

Casing Record:  
 Surface: 8 5/8 @ 605' with 325 Sxs.  
 Production: \_\_\_\_\_ @ \_\_\_\_\_ with \_\_\_\_\_ Sxs.

Type Well: D & A Total Depth 4640'  
 Drilling Commenced: 12-10-81 Drilling Completed 12-19-81

Formation	From	To	Tops
Cellar	0	7	
Sand	7	855	
Shale, Lime	855	3427	
Lime, Shale	3427	4025	
Lime	4025	4640	

COMPLETION RECORD

Liner Record: Size \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Cementing Record: \_\_\_\_\_ Sacks \_\_\_\_\_  
 Perforating Record:

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

1-7-82

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Initial Production: \_\_\_\_\_

Electric Log \_\_\_\_\_ Type and Depths Covered 12-10-81 - 12-19-81  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

CONSERVATION DIVISION  
 Wichita, Kansas