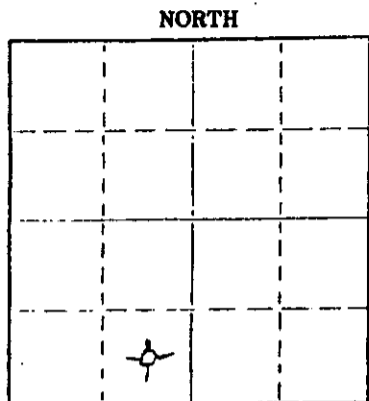


STATE OF KANSAS
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
P. O. BOX 17027
WICHITA, KANSAS 67217

FORM CP-4

WELL PLUGGING RECORD



Locate well correctly on above Section Plot

Barber County, Sec. 20 Twp. 31S Rge. 11W (E) (W)

Location as "NE/CNW&SW" or footage from lines SE SW

Lease Owner A & J Oil Company

Lease Name Ivan Watkins Well No. 1

Office Address 935 Fourth Financial Center, Wichita, Kansas

Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole

Date well completed May 25 19 76

Application for plugging filed May 25 19 76

Application for plugging approved May 25 19 76

Plugging commenced May 25 19 76

Plugging completed May 25 19 76

Reason for abandonment of well or producing formation Dry Hole

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, verbally

Name of Conservation Agent who supervised plugging of this well G. R. Biberstein

Producing formation Depth to top Bottom Total Depth of Well 4461 Feet

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"	212	

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 for each plug set.

1st plug set at 200' with 35 sacks
2nd plug set at 40' with 15 sacks, 8 sacks in rathole

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

Name of Plugging Contractor Union Drilling Co., Inc.

Address 505 Union Center, Wichita, Kansas

STATE OF KANSAS COUNTY OF SEDGWICK

R. D. Messinger (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) R. D. Messinger

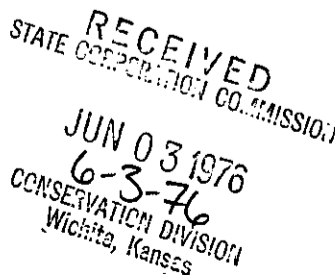
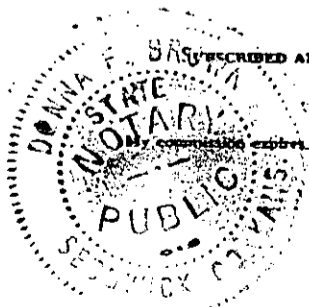
505 Union Center, Wichita, Kansas

(Address)

Subscribed and sworn to before me this 29th day of May 19 76

July 29, 1978

Donna F. Brown Notary Public.



CONTRACTOR'S WELL LOG

OPERATOR:	A & J Oil Company
CONTRACTOR:	Union Drilling Co., Inc.
WELL NAME:	Ivan Watkins #1
LOCATION:	SE SW Section 20-31S-11W Barber County, Kansas
COMMENCED:	May 14, 1976
COMPLETED:	May 25, 1976

0	212	Sand and Shale	8-5/8" casing set at 212 with
212	1740	Shale	165 sacks
1740	2158	Shale and lime	
2158	2333	Lime and shale	
2333	2731	Shale and lime	
2731	3302	Lime and shale	
3302	3597	Shale	
3597	3655	Sand	
3655	3665	Lime and shale	
3665	3720	Sand	
3720	3920	Sand and shale	
3920	3966	Lime and shale	
3966	4136	Lime	
4136	4241	Lime and shale	
4241	4381	Lime	
4381	4411	Chert	
4411	4418	Lime	
4418	4461	Lime and shale	
4461	T. D.		

RECEIVED
STATE CORPORATION COMMISSION
JUN 07 1976
6-7-76
CONSERVATION DIVISION
Wichita, Kansas

We certify that the above and foregoing is a true and correct copy of the log of the Ivan Watkins #1, SE SW Section 20-31S-11W, Barber County, Kansas.

UNION DRILLING CO., INC.

By R. D. Messinger
R. D. Messinger

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

Subscribed and sworn to before me, a Notary Public in and for the aforesaid county and state as of this 29th day of May, 1976.

Donna F. Brown
Donna F. Brown, Notary Public



My commission expires:
July 29, 1978