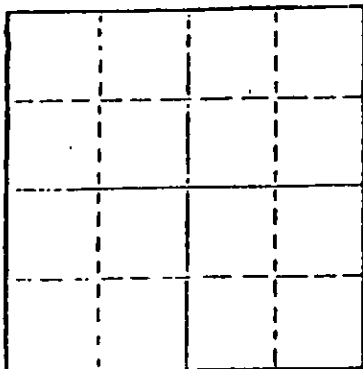


STATE OF KANSAS  
STATE CORPORATION COMMISSION

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

Ness County. Sec. 21 Twp. 17S Rge. 24 xE/W  
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines \_\_\_\_\_  
NW NW SW  
Lease Owner John Jay Darrah, Jr.  
Lease Name Rupp Well No. 4  
Office Address 405 Century Plaza, Wichita, Ks. 67202  
Character of Well (Completed as Oil, Gas or Dry Hole) \_\_\_\_\_



Locate well correctly on above  
Section Plot

Dry hole  
Date Well completed December 4 1981  
Application for plugging filed \_\_\_\_\_ 19\_\_\_\_  
Application for plugging approved December 4 1981  
Plugging commenced December 4 1981  
Plugging completed December 4 1981  
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

Name of Conservation Agent who supervised plugging of this well Marion Schmidt  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 4408  
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
		0	290	8-5/8"	282'	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.

Hole plugged with 50/50 pozmix as follows:

- 1st plug at 960' with 70 sacks
- 2nd plug at 270' with 40 sacks
- 3rd plug at 40', bridge plug with 10 sacks
- 5 sacks in rathole
- 5 sacks in mousehole

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

Name of Plugging Contractor Halliburton

STATE OF KANSAS COUNTY OF SEDGWICK, ss.  
John Jay Darrah, Jr. (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) [Signature]  
405 Century Plaza, Wichita, Ks. 67202  
(Address)

SUBSCRIBED AND SWORN TO before me this 9th day of December, 19 81

[Signature]  
Dianne R. Fowler, Notary Public.

My commission expires August 25, 1984

RECEIVED  
STATE CORPORATION COMMISSION

DEC 10 1981  
12-10-1981  
CONSERVATION DIVISION  
Wichita, Kansas

15-135-22111-00-00

D R I L L E R S ' L O G

COMPANY: JOHN JAY DARRAH, JR.  
CONTRACTOR: MALLARD DRILLING CO., INC.  
405 Century Plaza  
Wichita, Kansas 67202

WELL NAME: RUPP #4  
DESCRIPTION:  
NW NW SW  
Section 21-17-24W

RIG NO.: 1  
TOTAL DEPTH: 4408  
COMMENCED: November 27, 1981

COUNTY: Ness  
ELEVATION: 2381 gr.  
2389 KB  
COMPLETED: December 4, 1981

CASING RECORD:  
7 jts. new 8 5/8" 24# surface

D & A

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Surface soil, shale	0	290	Ran 282' new 24# 8-5/8" surface casing; set and cemented with 185 sacks common cement, 2% gel, 3% CaCl at 290' with landing joint. Cement circulated. Plug down @ 11:15 P.M. November 27, 1981.
Shale and sand	290	1676	
Anhydrite	1676	1706	
Shale	1706	3064	
Lime	3064	3398	
Shale with lime	3398	4012	
Lime	4012	4239	
Lime with Shale	4239	4323	
Lime	4323	4408	TD Hole plugged with 50-50 pozmix, 4% gel, 3% CaCl, as follows: 70 sacks @ 960'; 40 sacks @ 270'; 10 sacks and bridge plug @ 40', rubber plug and 5 sacks in mousehole; 5 sacks in rat-hole. Plugging completed at 8:00 p.m., December 4, 1981.

STATE OF KANSAS )  
                                  ) SS.  
COUNTY OF SEDGWICK )

I, JOHN JAY DARRAH, JR. of MALLARD DRILLING CO., INC., certify that this is a true and correct copy of the log of the Rupp #4 well, to the best of my knowledge.

John Jay Darrah, Jr.  
John Jay Darrah, Jr., President

SUBSCRIBED AND SWORN to before me this 9 day of December, 1981.

Dianne R. Fowler  
Dianne R. Fowler, **RECEIVED**  
STATE CORPORATION COMMISSIONER

My Commission Expires:  
August 25, 1984

DEC 10 1981  
12-10-1981  
CONSERVATION DIVISION  
Wichita, Kansas