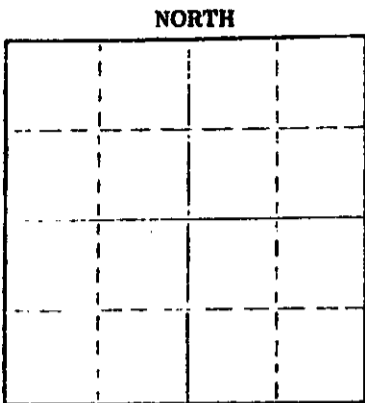


STATE OF KANSAS
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
P. O. BOX 17027
WICHITA, KANSAS 67217

FORM CP-4

WELL PLUGGING RECORD

Rush County, Sec. 19 Twp. 19S Rge. (E) 17 (W)
Location as "NE/CNW&SW2" or footage from lines. App. SE NW NW



Locate well correctly on above Section Plat

Lease Owner National Oil Company
Lease Name Graver Well No. 1
Office Address Suite 550 200 W. Douglas Wichita, Kansas 67202
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed Sept. 20 19 77
Application for plugging filed Sept. 20 19 77
Application for plugging approved Sept. 20 19 77
Plugging commenced Sept. 20 19 77
Plugging completed Sept. 20 19 77
Reason for abandonment of well or producing formation dry

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 Leo Massey
Producing formation Depth to top Bottom Total Depth of Well 3950
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	246	

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 420' w/25 sx.
2nd plug 240' w/10 sx.
3rd plug 40' w/50/50 posmix & 2% gel
SEP 20 1977
9-13-77

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

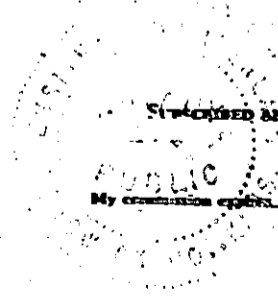
Name of Plugging Contractor Woodman & Iannitti Drilling Co.
Address 1008 Douglas Building 104 So. Broadway, Wichita, Kansas

STATE OF KANSAS COUNTY OF SEDGWICK
K. T. Woodman (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) K. T. Woodman
1008 Douglas Bldg., 104 So. Broadway (Address)

Subscribed and sworn to before me this 21st day of September 1977

My commission expires Feb. 11, 1980
Justina Chamberlain Notary Public



15-165-28644-0000

K. T. WOODMAN
REG. PHONE 733-0418
OFF. PHONE 265-7650
WICHITA, KANSAS

D. J. IANNITTI
PHONE 792-2921
GREAT BEND, KANSAS

WOODMAN & IANNITTI DRILLING COMPANY
Rotary Drilling Contractors

1008 DOUGLAS BUILDING
104 S. BROADWAY
WICHITA, KANSAS 67202

September 21, 1977

Company;	National Oil Company
Farm;	#1 Graver
Location;	Approx. SE NW NW
Section;	19-19S-17W
County;	Rush
Contractor;	Woodman & Iannitti Drilling Co.
Comm;	September 10, 1977
Compl;	September 20, 1977
Total Depth;	3950'
Casing;	8 5/8 @ 246 w/200 sx.
Production;	D & A

RECEIVED
SEP 28 1977
9-23-77
WICHITA, KANSAS

Figures Indicate Bottom Of Formations:

40	Surface soil
250	Shale & shells
1139	Shale
1540	Shale & red bed
2543	Shell
3054	Shell
3474	Shale & lime
3747	Lime & shale
3875	Lime
3905	Lime
3917	Lime
3924	Arbuckle
3950	Arbuckle

I certify the above to be a true and correct copy of the drillers log to the best of my knowledge and belief.

Woodman & Iannitti Drilling Co.

K. T. Woodman
K. T. Woodman