

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 15-101-21,457-0000

LEASE NAME K. Cramer

WELL NUMBER #1

2310 Ft. from S Section Line

2970 Ft. from E Section Line

SEC. 22 TWP. 16 RGE. 30 (E) or (W)

COUNTY Lane

Date Well Completed 5-15-88

Plugging Commenced 5-15-88

Plugging Completed 5-15-88

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

LEASE OPERATOR National Petroleum Reserves Inc.

ADDRESS 260 N. Rock Rd., Ste. 215, Wichita, KS 67206

PHONE# (316) 681-3515 OPERATORS LICENSE NO. 9482

Character of Well D & A

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on 5-12-88 (date)

by Paul Luthi (KCC District Agent's Name).

Is ACQ-1 filed? Operator will be by Operator If not, is well log attached? Yes

Producing Formation _____ Depth to Top _____ Bottom _____ T.D. 4490'

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	283'	8 5/8"	283'	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 hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set.
50 sks @ 2180', 80 sks @ 1290', 50 sks @ 310', 10 sks @ 40' & 15 sks in rathole, 205 sks of 60/40 Poz, 6% gel.

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

Name of Plugging Contractor Lobo Drilling Co. License No. 586

Address Box 877, Great Bend, KS 67530

STATE OF KANSAS COUNTY OF BARTON, ss.

Ervin Neighbors

(Employee of Operator) or (Operator) of

above-described well, being first duly sworn on oath, says: That I have knowledge of the well, its statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) Ervin Neighbors

(Address) Box 877, Great Bend, KS 67530

SUBSCRIBED AND SWORN TO before me this 15th day of May, 19 88

Dorothy M Hague
Notary Public

My Commission Expires: _____



RECEIVED
STATE CORPORATION COMMISSION
5-27-88
MAY 27 1988

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Starting Date February 12 1988 month day year

API Number 15-101-21,457-0000

NE NE SW Sec. 22 Twp. 16 S, Rg. 30 East West 2310 2970 Ft. from South Line of Section Ft. from East Line of Section

OPERATOR: License # 9482 Name National Petroleum Reserves, Inc Address 260 N. Rock Rd., Ste. 215 City/State/Zip Wichita, KS. 67206 Contact Person Ted c. Bredehoff Phone (316) 681-3515

(Note: Locate well on Section Plat on reverse side) Nearest lease or unit boundary line 330 feet County Lane

CONTRACTOR: License # undetermined Name City/State

Lease Name K. CRAMER Well # 1 Ground surface elevation feet MSL Domestic well within 330 feet: yes no Municipal well within one mile: yes no

Well Drilled For: Well Class: Type Equipment: X Oil SWD Infield XX Mud Rotary Gas Inj Pool Ext Air Rotary OWWO Expl X Wildcat Cable

Depth to bottom of fresh water 120 Depth to bottom of usable water 180-130 Surface pipe by Alternate: 1-2 X Surface pipe planned to be set 280

If OWWO: old well info as follows: Operator Well Name Comp Date Old Total Depth

Conductor pipe required Projected Total Depth 4,600 feet Formation Lansing KC, Cherokee, Miss.

I certify that well will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to KCC specifications. Date 1/28/88 Signature of Operator or Agent Title Pres/Treas.

For KCC Use: Conductor Pipe Required feet; Minimum Surface Pipe Required 200 feet per Alt. This Authorization Expires 7-29-88 Approved By 1-29-88

EFFECTIVE DATE: 2-3-88 5-8-88

280+8 8/18

? WW

NE NE SW Sec. 22 Twp. 16 S, Rg. 30 East West X

PLUGGING PROPOSAL IF ABOVE IS D & A

This plugging proposal will be reviewed and approved or revised at the time the district office is called prior to setting surface casing (call 7 a.m. to 5 p.m. workdays).

1st plug @ base of Anhydrite feet depth with 50 sxs of 60-40. poz. 6% gel 2nd plug @ base of Cheyenne sand feet depth with 80 sxs of 60-40. poz. 6% gel 3rd plug @ 30' below base surface feet depth with 40 sxs of 60-40. poz. 6% gel 4th plug @ .40' to 0 feet depth with sxs of 5th plug @ feet depth with sxs of (2) Rathole with sxs (b) Mousehole with sxs

PUSHER Ervin Neighbord TD 4490 FORMATION Miss SURFACE PIPE 8 3/4 @ 283 ANHYDRITE 2148 ELEVATION 2176 STARTING TIME & DATE 4:00 am 5-15-88 COMPLETION TIME & DATE 6:20 am 5-15-88 1st PLUG @ 2180 FT. W/ 50 SX 2nd PLUG @ 1270 FT. W/ 80 SX 3rd PLUG @ 310 FT. W/ 50 SX 4th PLUG @ 40-0 FT. W/ 10 SX RAT HOLE CIRCULATED W/ 15 SX MOUSE HOLE CIRCULATED W/ SX WATER WELL PLUGGED W/ SX CEMENT COMPANY B.G. Titan TECHNICIAN Paul 60/40 w/ 62 gel

RECEIVED STATE CORPORATION COMMISSION MAY 1 1988 CONSERVATION DIVISION Wichita, Kansas

1510121457.0000

DRILLERS WELL LOG

DATE COMMENCED: 5-7-88
DATE COMPLETED: 5-15-88

National Petroleum Reserves, Inc
K. Cramer #1
NE NE SW
Sec. 22-16S-30W
Lane County, KS

0 - 80'	Clay, Shale
80 - 880'	Shale
880 - 993'	Sand
993 - 1318'	Shale
1318 - 1428'	Sand
1428 - 1655'	Lime & Shale
1655 - 1770'	Shale
1770 - 1941'	Sand
1941 - 2148'	Lime, Shale
2148 - 2174'	Anhydrite
2174 - 2556'	Shale
2556 - 3820'	Lime, Shale
3820 - 3913'	Lime
3913 - 4133'	Lime, Shale
4133 - 4361'	Lime
4361 - 4465'	Lime, Sand, Shale
4465 - 4490'	Lime
4490'	RTD

Surface Pipe: Set new
8 5/8" pipe, 23#, at 283'
with 160 sacks 60/40 Poz,
2% gel, 3% C.C.

A F F I D A V I T

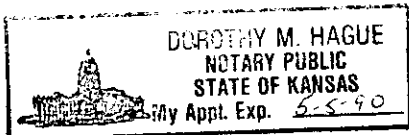
STATE OF KANSAS
COUNTY OF BARTON) ss

ERVIN NEIGHBORS of lawful age, does swear and state that the facts
and statements herein are true and correct to the best of his knowledge.

Ervin Neighbors
Ervin Neighbors

SUBSCRIBED AND SWORN to before me this 26 day of May, 1988.

Dorothy M Hague
Notary Public



RECEIVED
STATE CORPORATION COMMISSION
MAY 27 1988
CONSERVATION DIVISION
Wichita, Kansas