

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

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

API NUMBER 15-101-21,606-0000

LEASE NAME Haaq

WELL NUMBER 1

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

2260 Ft. from S Section Line

4240 Ft. from E Section Line

SEC. 19 TWP. 19S RGE. 27 (E) (W)

COUNTY Lane

LEASE OPERATOR National Petroleum Reserves, Inc.

ADDRESS 250 N. Rock Rd., Suite #340, Wichita, KS 67206

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

Character of Well _____

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

Date Well Completed 11/13/91

Plugging Commenced 11/13/91

Plugging Completed 11/13/91

The plugging proposal was approved on 11/13/91 (date)

by Steve Middleton (KCC District Agent's Name).

Is ACO-1 filed? No If not, is well log attached? Yes

Producing Formation _____ Depth to Top _____ Bottom _____ T.D. 4650

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

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STATE CORPORATION COMMISSION

11-18-91
NOV 18 1991

Formation	Content	From	To	Size	Put in	Pulled out
				8-5/8"	296'	-0-

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.

Mud laden fluid 4650'-2090' 50 sks cement @ 310'

50 sks cement @ 2090' 10 sks cement @ 40'

80 sks cement @ 1160' 15 sks in rathole

50 sks cement @ 580'

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

Name of Plugging Contractor Emphasis Oil Operations License No. 750

Address P. O. Box 506, Russell, KS 67665-0506

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: National Petroleum Reserves, Inc.

STATE OF KANSAS COUNTY OF RUSSELL, ss.

Kyle B. Branum

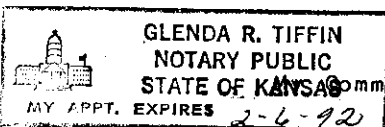
(Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) Kyle B. Branum

(Address) Box 506, Russell, KS 67665-0506

SUBSCRIBED AND SWORN TO before me this 14th day of November, 19 91

Glenda R. Tiffin
Glenda R. Tiffin, Notary Public



EFFECTIVE DATE: 11-6-91
DISTRICT #
SEAT: Yes, No

State of Kansas 101-21,606-0000
NOTICE OF INTENTION TO DRILL
ALL BLANKS MUST BE FILLED

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date 11-5-91 approx NE NW SW Sec 19 Twp 19 S. Rg 27 XX East
month day year

OPERATOR: License # 9482
Name: National Petroleum Reserves, Inc.
Address: 250 N. Rock Rd. Suite 340
City/State/Zip: Wichita, KS 67206
Contact Person: Ted C. Bradehoff
Phone: 316-681-3515

2260 feet from South / West line of Section
4240 feet from East / West line of Section
IS SECTION X REGULAR IRREGULAR?

(NOTE: Locate well on the Section Plat on Reverse Side)
County: Lane
Lease Name: HAAG Well #: 1
Field Name: UNNAMED

CONTRACTOR: License #
Name: Undetermined

Is this a Prorated/Spaced Field? yes X no
Target Formation(s): LKC Marm Miss
Nearest lease or unit boundary: 380'

Well Drilled For: Well Class: Type Equipment:
X Oil ... Enh Rec ... Infield X Mud Rotary
... Gas ... Storage X Pool Ext. ... Air Rotary
... OUVG ... Disposal ... Wildcat ... Cable
... Seismic: ... # of Holes ... Other

Ground Surface Elevation: N.A. feet MSL
Water well within one-quarter mile: yes X no
Public water supply well within one mile: yes X no
Depth to bottom of fresh water: 100'
Depth to bottom of usable water: 1150'

If OUVG: old well information as follows:
Operator:
Well Name:
Comp. Date: Old Total Depth

Surface Pipe by Alternate: 1 X 2
Length of Surface Pipe Planned to be set: 280'
Length of Conductor pipe required: 0'
Projected Total Depth: 4700'
Formation at Total Depth: MISS
Water Source for Drilling Operations:
... well X farm pond ... other

Directional, Deviated or Horizontal wellbore? yes X no
If yes, true vertical depth:
Bottom Hole Location:

DWR Permit #:
Will Cores Be Taken?: yes X no
If yes, proposed zone:

NOV 18 1991

Exp. 5/1/92

11-18-91

AFFIDAVIT

200' Alt. II Req.

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.
It is agreed that the following minimum requirements will be met:

Pusher Jack Fox
SPUD DATE Nov 5 INIT. GB
LENGTH SURFACE PLANNED 296' 5 7/8
RESERVE PIT STATUS- REMOVE FLUID LINED
after salt sect. bbls. when done bbls.
RATHOLED AHEAD? Y N SIZE HOLE
SURFACE PIPE 5/8" @ 296 CONDUCTOR
ANHYDRITE T- 2061 B- 2088 ELEVATION
TD FORMATION M55
RAN PIPE @ DV TOOL ALT II DONE
@ SX SX Y N
Arbuckle Plug @ Ft. W/ SX
Hug./Council @ Ft. W/ SX
Anhydrite Base @ 2090 Ft. W/ 50 SX
1/2 Base Anyh. @ 1160 Ft. W/ 80 SX
1/2, 1/2 Plug @ 580 Ft. W/ 50 SX
Bottom Surface @ 310 Ft. W/ 50 SX
40' Plug @ 40 Ft. W/ 10 SX
RAT HOLE CIRC/W SX MOUSE HOLE W/ 11 SX
WATER WELL SX (Irr. Well Pond
Hauling
TECHNICIAN SM DATE 11-12-91
TYPE OF CEMENT 60/10 67 114 Flo Seal
STARTING TIME 9:00 (AM/PM) DATE 11-23-91
COMPLETION TIME 11:30 (AM/PM) DATE 11-23-91
CEMENT COMPANY Halliburton gm

15101-21606-0000

RECEIVED
STATE CORPORATION COMMISSION

NOV 18 1991
11-18-91
CONSTRUCTION DIVISION
Wichita, Kansas

EMPHASIS OIL OPERATIONS

P. O. BOX 506
RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: National Petroleum Reserves, Inc.
250 N. Rock Road, Suite #340
Wichita, Kansas 67206

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Haag

WELL #1

LOCATION: Approx. NE NW SW
Section 19-19S-27W
Lane County, Kansas

LOGGERS TOTAL DEPTH: 4649'

ROTARY TOTAL DEPTH: 4650'

COMMENCED: 11/5/91

CASING: 8-5/8" @ 296' w/190 sks cement

ELEVATION: 2745' K.B.

COMPLETED: 11/13/91

STATUS: Dry Hole

DEPTHS & FORMATIONS

(All measurements from K.B.)

200' Time

3000'