

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

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

API NUMBER 15-145-21,347-0000

LEASE NAME Duford

WELL NUMBER 1

1980 Ft. from S Section Line

1980 Ft. from E Section Line

SEC. 6 TWP. 21S RGE. 15 NW/64 (W)

COUNTY Pawnee

Date Well Completed 12/7/90

Plugging Commenced 12/7/90

Plugging Completed 12/7/90

LEASE OPERATOR National Petroleum Reserves, Inc.

ADDRESS 250 N. Rock Rd., Ste. #340, 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 12/7/90 (date)

by Richard Lacey (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. 3870'

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"	966'	-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 3870'-3820' 10 sks cement in rathole
 50 sks cement @ 3820' 15 sks cement in mousehole
 50 sks cement @ 990' 10 sks in water well
 40 sks cement @ 400'

(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

DEC 14 1990
12-14-90

SUBSCRIBED AND SWORN TO before me this 13th day of December, 19 90

GLENDA R. TIFFIN
 NOTARY PUBLIC
 STATE OF KANSAS
 MY APPT. EXPIRES 2-6-92 Comm

Glenda R. Tiffin
 Glenda R. Tiffin, Notary Public

Commission Expires: February 6, 1992

EMPHASIS OIL OPERATIONS

P. O. BOX 506
 RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: National Petroleum Reserves, Inc.
 250 N. Rock Rd., Ste. #340
 Wichita, KS 67206

CONTRACTOR: Emphasis Oil Operations
 Box 506
 Russell, KS 67665

LEASE: Duford

WELL #1

LOCATION: C NW SE
 Section 6-21S-15W
 Pawnee County, Kansas

ROTARY TOTAL DEPTH: 3870'

ELEVATION: 1964' K.B.

COMMENCED: 12/1/90

COMPLETED: 12/7/90

CASING: 8-5/8" @ 966' w/325 sks cement

STATUS: Dry Hole

DEPTHS & FORMATIONS

(All measurements from K.B.)

Top Soil & Sand	60'	Lime & Shale	2800'
Dakota Sand	382'	Lime	3260'
Red Bed	497'	Lime & Shale	3288'
Anhydrite	957'	Lime	3551'
Shale & Red Bed	989'	Lime & Shale	3638'
Shale & Lime	1670'	Lime	3721'
Lime & Shale	1962'	R.T.D.	3870'
Shale & Lime	2228'		

RECEIVED
 STATE CORPORATION COMMISSION
 DEC 14 1990
 CONSERVATION DIVISION
 Wichita, Kansas

STATE OF KANSAS)
) ss
 COUNTY OF RUSSELL)

Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

Kyle B. Branum
 Kyle B. Branum

Subscribed and sworn to before me on December 13, 1990.

My commission expires: February 6, 1992.

GLEND A. R. TIFFIN
 NOTARY PUBLIC
 STATE OF KANSAS
 MY APPT. EXPIRES 2-6-92

Glenda R. Tiffin
 Glenda R. Tiffin, Notary Public