

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

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

API NUMBER 15-185-22,793-0000

LEASE NAME Schrader

TYPE OR PRINT

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

WELL NUMBER 4-16

660 Ft. from S Section Line

660 Ft. from E Section Line

SEC. 4 TWP. 22 RGE. 12 (E) or (W)

COUNTY Stafford

LEASE OPERATOR Energy Operating Company, Inc.

ADDRESS 621 17th Street, Suite 845 Denver, CO 80293

PHONE# (303) 392-1224 OPERATORS LICENSE NO. 30774

Date Well Completed 08-15-91

Character of Well D&A

Plugging Commenced 08-15-91

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

Plugging Completed 08-15-91

The plugging proposal was approved on 08-14-91 (date)

by Duane Rankin (KCC District Agent's Name).

Is ACO-1 filed? to be filed
by operating If not, Is well log attached? yes

Producing Formation _____ Depth to Top _____ Bottom T.D. 3720

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 |
|-----------|---------|------|----|------|--------|------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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.

Bottom Plug: @ 3656' w/50 sacks cement thru drill pipe

Next plug: @ 680' w/50 " " " " " 15 sacks in Rat Hole

Next Plug: @ 340' w/50 " " " " " 10 sacks in Mouse Hole

Top Plug: @ 40' w/10 " " " " "

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

Name of Plugging Contractor Duke Drilling Co., Inc. License No. 5929

Address P.O. Box 823 Great Bend, KS 67530

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Duke Drilling Co., Inc.

STATE OF Kansas COUNTY OF Barton, ss.

John Armbruster

(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) John Armbruster

(Address) P.O. Box 823 Great Bend, KS 67530

RECEIVED
STATE CORPORATION COMMISSION

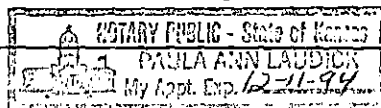
AUG 21 1991

SUBSCRIBED AND SWORN TO before me this 20th day of August, 19 91

Paula Ann Laudick

Notary Public

My Commission Expires: _____



Form CP-4
Revised 05-88

DRILLER'S WELL LOG

DATE COMMENCED: August 9, 1991
DATE COMPLETED: August 15, 1991

Energy Operating Company, Inc.
SCRADDER #4-16
C SE SE
Sec. 4, T22S, R12W
Stafford County, Ks.

ELEVATION: 1865 K.B.

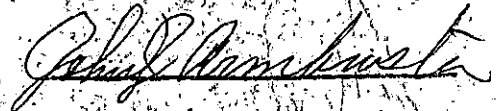
0 - 660' Surface Soil, Sand, Clay
660 - 682' Anhydrite
682 - 1660' Shale w/lime streaks
1660 - 3337' Lime & Shale
3337 - 3500' Lime
3500 - 3646' Chert
3646 - 3720' Dolomite
3720' RTD

Surface Pipe: Set new
8-5/8", 20# pipe @ 311'
w/180 sacks 60/40 pozmix
2% gel 3% cc.

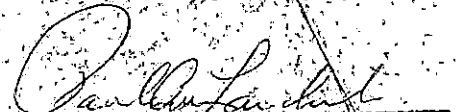
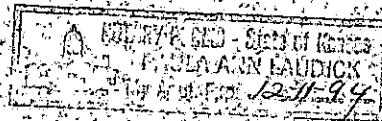
AFFIDAVIT

STATE OF KANSAS
COUNTY OF BARTON) ss

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



Subscribed and sworn to before me this 20 day of August 1991.


Notary Public

RECEIVED
STATE CORPORATION COMMISSION

AUG 21 1991

Office of the Secretary of State
Topeka, Kansas