

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

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

API NUMBER 15-199-20,093-00-00

LEASE NAME Radiel

TYPE OR PRINT

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

WELL NUMBER 1

2310 Ft. from S Section Line

4950 Ft. from E Section Line

SEC. 17 TWP. 13S RGE. 39 (E) or (W)

COUNTY Wallace

LEASE OPERATOR Castle Resources
Interstate Exploration, Inc.

ADDRESS RR #1, Box 90, Hays, KS 67601

PHONE# (913) 625-5155 OPERATORS LICENSE NO. 9860

Character of Well Dry

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

Date Well Completed 12/4/86

Plugging Commenced 12/4/86

Plugging Completed 12/4/86

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? Yes

Which KCC/KDHE Joint Office did you notify? 6

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

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

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" | 328 | -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 5200-2620'

25 sks cement @ 2620 10 sks cement @ 40'

100 sks cement @ 1665 15 sks cement in rat hole

40 sks cement @ 470 10 sks cement in mouse hole

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

Name of Plugging Contractor Emphasis Oil Operations License No. 750

Address Box 506, Russell, KS 67665

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.

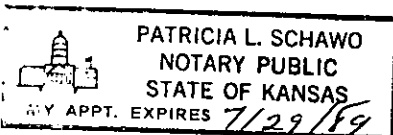
(Signature) [Signature]

(Address) Box 506, Russell, KS 67665

SUBSCRIBED AND SWORN TO before me this 8th day of December, 19 86

[Signature]
Notary Public

My Commission Expires July 29, 1989



DEC 9 1986
12-09-1985
CONSERVATION DIVISION
Wichita, Kansas

15-199-20093-00-00

EMPHASIS OIL OPERATIONS

P. O. Box 506

Russell, KS 67665

DRILLERS LOG

OPERATOR: Interstate Exploration, Inc.
RR #1, Box 90
Hays, KS 67601

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Radiel

WELL #1

LOCATION: NW NW SW
Section 17-13S-39W
Wallace County, Kansas

Log Total Depth: 5197'

Rotary Total Depth: 5200'

Commenced: 11/24/86

Casing: 8-5/8" @ 328' w/180 sks cement

Elevation: 3422' K.B.

Completed: 12/04/86

Status: Dry Hole

DEPTHS & FORMATIONS

(All measurements from K.B.)

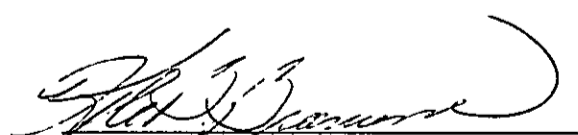
| | | | |
|-----------------|-------|---------------|-------|
| Top soil & Sand | 40' | Anhydrite | 2644' |
| Shale | 195' | Shale | 2955' |
| Sand | 230' | Shale & Lime | 3862' |
| Shale | 2315' | Lime & Shale | 4843' |
| Shale & Redbed | 2616' | Lime (R.T.D.) | 5200' |

STATE CORPORATION COMMISSION

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Wichita, Kansas

STATE OF KANSAS)
 ss
COUNTY OF RUSSELL)

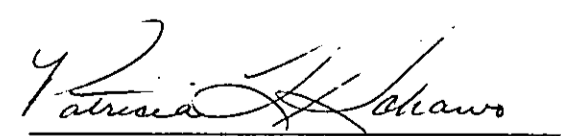
Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.



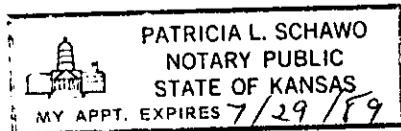
Kyle B. Branum

Subscribed and sworn to before me this 8th of December, 1986.

My Commission Expires: July 29, 1989.



Patricia L. Schawo, Notary Public



15-199-20093-00-00

EMPHASIS OIL OPERATIONS

P. O. Box 506
Russell, KS 67665

CC

DRILLERS LOG

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RR #1, Box 90
Hays, KS 67601

CONTRACTOR: Emphasis Oil Operations
Box 506
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LEASE: Radiel

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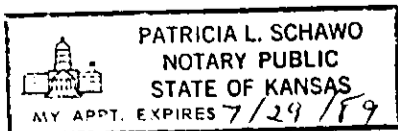
Kyle B. Branum

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Patricia L. Schawo

Patricia L. Schawo, Notary Public



DEC 21 1986
12-22-1986
Wichita, Kansas