

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

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

API NUMBER 15-167-23,062-00-00

LEASE NAME Rein

TYPE OR PRINT

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

WELL NUMBER 3

4290 Ft. from S Section Line

2310 Ft. from E Section Line

LEASE OPERATOR Bennett & Schulte Oil Co.

SEC. 13 TWP. 14S RGE. 13 (P) (W)

ADDRESS P. O. Box 329, Russell, KS 67665

COUNTY Russell

PHONE# 013) -483-2721 OPERATORS LICENSE NO. 6246

Date Well Completed 6/30/93

Character of Well D&A

Plugging Commenced 6/30/93

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

Plugging Completed 6/30/93

The plugging proposal was approved on 6-30-93 (date)

by Ed Shumaker (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. 3140'

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"	810'	-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 3140'-850' 15 sks in rathole
40 sks cement @ 850'
80 sks cement @ 410'
10 sks cement @ 40'

(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

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NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Bennett & Schulte Oil Company

STATE OF KANSAS COUNTY OF RUSSELL, ss.

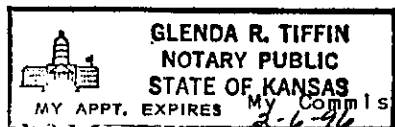
JUL - 6 1993

K. Scott Branum (Employee of Operator) of Emphasis Oil Operations of Wichita, Kansas 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) K. Scott Branum
K. Scott Branum

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

SUBSCRIBED AND SWORN TO before me this 30th day of June, 19 93



Glenda R. Tiffin
Glenda R. Tiffin, Notary Public

15-167-23062-00-00

EMPHASIS OIL OPERATIONS

A Division of N-B Company, Inc.

P. O. BOX 506

RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: Bennett & Schulte Oil Company
P. O. Box 329
Russell, Kansas 676655

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Rein

WELL #3

LOCATION: SW NW NE
Section 13-14S-13W
Russell County, Kansas

ROTARY TOTAL DEPTH: 3140'

ELEVATION: 1865' K.B.

COMMENCED: 6/25/93

COMPLETED: 6/30/93

CASING: 8-5/8" @ 810' w/275 sks cement

STATUS: Dry Hole

DEPTHS & FORMATIONS

(All measurements from K.B.)

Sand	280'	Lime & Shale	2575'
Shale	370'	Shale & Lime	2929'
Anhydrite	800'	Lime & Shale	3050'
Shale	838'	Shale & Lime	3102'
Lime & Shale	2055'	R.T.D.	3140'
Shale & Lime	2252'		

STATE OF KANSAS)
) ss
COUNTY OF RUSSELL)


K. Scott 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.



K. Scott Branum

Subscribed and sworn to before me on June 30, 1993.

My commission expires: February 6, 1996.

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 **GLEND A. R. TIFFIN**
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 2-6-96


Glenda R. Tiffin, Notary Public
JUL - 6 1993
STATE CORPORATION COMMISSION
Wichita, Kansas

15-167-23062-00-00

BENNETT & SCHULTE OIL COMPANY
P.O. Box 329
Russell, Kansas 67665

GEOLOGICAL REPORT

Rein No. 3
SW-NW-NE, Section 13,
Twp. 14 South, Rge. 13 West
Russell County, Kansas

API# 15-167-23062

July 5, 1993

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CONSERVATION DIVISION
Wichita, Kansas

15-167-23062-00-00

Bennett & Schulte Oil Company
P.O. Box 329
Russell, Kansas 67665

ORIGINAL

GEOLOGICAL REPORT: Rein No. 3
SW-NW-NE, 13-14S-13W
Russell County, Kansas

CONTRACTOR: Emphasis Oil Operations Rig 5
Russell, Kansas 67665

DRILLING COMMENCED: June 24, 1993

DRILLING COMPLETED: June 29, 1993

CASING RECORD: 8 5/8 set at 810' with 275 sx.
No production casing.

DRILLING TIME: By Geologist.
1 foot intervals plotted and
recorded from 2200' to 3140' R.T.D.

SAMPLES: 10' intervals from 2250' to 2510'
then 10' interval from 2700' to
3140' R.T.D.

DRILL STEM TESTS: 1 by Swift Formation Testers
Great Bend, Kansas

LOGS: No logs were run on the Rein No. 3.

MUD TYPE: Drispac and Freshwater gel.
(Chemical Mud)

ELEVATION: American Elevations, Inc.
Kelly Bushing 1865'
Ground Level 1860'
Measurements from K.B.

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Wichita, Kansas

FORMATION TOPS
(Sample Tops)

<u>FORMATION</u>	<u>DEPTH</u>	<u>MINUS DATUM</u>
Anhydrite	800	+1065
Base-Anhydrite	838	+1027
Grand Haven Lime	2373	-508
1st Tarkio Sand	2386	-521
Dover Lime	2398	-533
2nd Tarkio Sand	2405	-540
Tarkio Lime	2445	-580
Willard Shale (3rd Sand)	2470	-605
Elmont Lime	2511	-646
Topeka	2718	-853
Heebner	2954	-1089
Toronto	2970	-1105
Douglas	2987	-1122
Lansing-Kansas City	3026	-1161
Rotary Total Depth	3140	-1275

Lithology: Zones of Interest

1st Tarkio Sand 2386 (-521)
2386-92

SS; Light gray, fine to medium
grained and micaceous. Poor
porosity with no show of oil.
Very slight show of gas.

2nd Tarkio Sand 2405 (-540)
2407-15

LS; White, medium grained and micaceous
fair porosity with a show of gas.
No free oil or odor.

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Lithology: Page 2

3rd Tarkio Sand (Willard) 2470 (-605)
2486-97

SS:

White to light gray, medium grained
and micaceous sand clusters. No
visible stain. Very slight show
of free oil, but no odor.

Lansing-Kansas City 3026 (-1161)

3044-47

B Zone

LS:

White, oolitic to suboolitic
porosity, slightly with fossil-
iferous scattered light spotty stain.
Very slight show of free oil and
very faint odor.

Tested by D.S.T. No. 1

Drill Stem Test No. 1 3033-50 B Zone

Time: 30-30

Flows: 1st Open - Very weak for 5 min.

2nd Open - No blow - flushed tool - no help

Recovery: 5 feet of drilling mud

Pressures: IHMP: 1488# IFP: 28#
FSIP: 28# FFP: 28#
FHMP: 1475# BHT: N.A.

Mud Properties: Viscosity: 42 Weight: 9.2 Water loss: 12.0 cc

3065-72

C Zone

LS:

White to buff, poor oolitic and
oolicastic porosity with scattered
spotty light stain. Very slight
show of free oil. Fair odor.

3112-32

G Zone

LS:

White, fair barren oolitic and
oolicastic porosity.

3132-40

LS:

As above. Chalky. No shows.

Rotary Total Depth 3140 (-1275)

No Log

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Wichita, Kansas

15-167-23062-00-00

REMARKS AND RECOMMENDATIONS

The Bennett & Schulte Oil Co. Rein No. 3 ran 11 feet lower (-1161) than the Rein No. 1 (1 location west) when comparing the Lansing-Kansas City tops. The B Zone in the No. 3 well did not develop and was tested with negative results. The C and G Zones did not look worthy of testing, probably due to the low structural position.

The Tarkio contained minor shows of oil and was not considered worthy of testing as it was tested on the first two wells.

The lack of a positive drill stem test and the low structural position prompted the plugging of the Rein No. 3 and completing it as a dry hole.

DMS/das

Respectfully Submitted,



David M. Shumaker
Petroleum Geologist

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