

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

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

API NUMBER 15-163-03213-00-00

LEASE NAME Nettie Unit

WELL NUMBER 1-02

2970 Ft. from S Section Line

4290 Ft. from E Section Line

SE SW NW

SEC. 33 TWP. 9 RGE. 17 (E) or (W)

COUNTY Rooks

Date Well Completed 11-30-55

Plugging Commenced 04-10-90

Plugging Completed 04-12-90

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

LEASE OPERATOR Phillips Petroleum Company

ADDRESS Route #3, Box 20-A, Great Bend, Kansas 67530

PHONE# (316) 793-8421 OPERATORS LICENSE NO. 5229

Character of Well Oil

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

The plugging proposal was approved on April 10, 1990 (date)

by Dennis L. Hamel (KCC District Agent's Name).

Is ACO-1 filed? Yes If not, is well log attached? _____

Producing Formation LKC Depth to Top 3240 Bottom 3477 T.D. 3535

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
LKC	Oil & Gas	Surface	203	8 5/8"	203	0
		Surface	3534	5 1/2"	3534	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 section. Pumped in 5 1/2" casing w/350 sacks cement plus 5 sacks hulls. Max pump pressure 600 psi. Shut in pressure - 300 psi. Pumped in 8 5/8" surface casing w/25 sacks cement. Max pressure 500 psi, SI 200 psi. Cement - 65/35 Pozmix w/10% gel.

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

Name of Plugging Contractor Phillips Petroleum Company License No. 5229

Address Route #3, Box 20-A, Great Bend, Kansas 67530

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Phillips Petroleum Company

STATE OF Kansas COUNTY OF Barton, ss.

6-3-90
W. Taylor

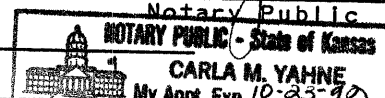
(Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained and the log of the above-described well as filed the the same are true and correct, so help me God.

(Signature) [Signature]

(Address) Route #3, Box 20-A, Great Bend, KS

SUBSCRIBED AND SWORN TO before me this and day of May, 1990

My Commission Expires: 10-23-92



P & A Procedure No. 47-89

80 - 7159

March 30, 1989

Great Bend, KS

Nettie Unit No. 1-02

SE SW NW Sec. 33 - T9S - R17W

Rooks County, Kansas

Nettie field, Toronto, LKC Formations

Lease # 350125

W.I. - 31.65017

R.I. - 27.52178

Cost Est. \$3500

Elevation: 2096' GL, 2099' DF, 2101' KB

Casing: 8 5/8" set @ 203' w/ 100 sx cement circ to surface.

5 1/2", 14# set @ 3534 w/ 100 sx cement.

PBSD: 3472' Total Depth: 3535'

Perforations: 3219-24', 3276-82', 3303-07', 3326-30',

3382-90', 2404-08', 3422-28'

Note: Casing leaks at 832'- no record of amount of cement used,

1064' squeezed w/ 123 sx cement.

Procedure is per KCC requirements.

Procedure:

1. Notify KCC representative a minimum of 24 hours prior to beginning plugging operations. (KCC Hays: 628-1200)
2. Supervisor to hold tailgate safety meeting at location with personnel involved in operations.
3. MIRU perforating company. Perforate w/ squeeze gun, 1'-2 SPF at 50' below bottom of Dakota-1115' and at Anhydrite - 1365'.
RDMO perforating company.
4. MIRU cementing services company. Pump 250 - 300 sx 65/35 posmix w/ 10% gel down 5 1/2" casing. (Water requirements ~4 sx/bbl fresh water).
5. Pump 25 sx cement into 5 1/2" - 8 5/8" annulus. Pressure up and shut in to set cement. RDMO cementing company.
6. Check fillup in casing and annulus. If necessary fill to surface w/ redimix.
7. Cut casing off 3' below ground level. Weld steel plate over casing. Plate to be marked with "PPCo, well name, and date plugged."
8. Restore Location.

MAY 16 1990

GEOLOGICAL REPORT

R. P. NIXON

NETTIE UNIT #1-02

WELL #2

LOCATION ^{SE SW NW} ~~NW SW SE~~, Sec. 33-9S-17W, Rooks Co., Ks.

GEOLOGIST

LEASE Westhusin

September 9, 1955

OPERATOR: Fred Haynes
Russell, Kansas

CONTRACTOR: Anchutz Drlg. Co.
Great Bend, Kansas

CREW: Tool Pusher: J. Grandclair
Drillers: 1. M. Burris
2. H. Zemp
3. W. E. Montgomery

ELEVATION: Laughlin - Simmons Co:
Derrick Floor --2099'
Rotary Bushing--2101'

SAMPLES: Five-foot intervals from 3100'
to 3535' R.T.D.

TIME LOG: One-foot intervals from 3100'
to 3535'.

All measurements are from the top of the rotary bushing.

All samples were examined and described.

A copy of the time log is included with this report.

FEB 26 1990

AMERICAN
GEOLOGICAL INSTITUTE

CONT: (NETTIE UNIT 1-02)
 Westhusin #2
 NW SW SE *SESWNW*
 Sec. 33-9S-17W
 Rooks County, Kansas

FORMATION TOPS:

	<u>Depth</u>	<u>Datum</u>
Anhydrite (Drillers)	1355	+746
Heebner Shale	3199	-1098
Toronto Lime	3218	-1117
Lansing-Kansas City	3241	-1140
Base of Kansas City	3477	-1376
Simpson Dolomite	3509	-1408
Simpson Shale	3513	-1412
Arbuckle	3533	-1432
Rotary Total Depth	3535	-1434

SAMPLE DESCRIPTION:

Topeka Lime:

A drilling break occurring from 3143-49' held off-white, mealy lime with occasional dark, heavy, stain in low order of porosity. This show was considered to be of no commercial importance.

Lansing-Kansas City:

The 3280 to 85' and 3330 to 35' samples contained finely crystalline lime with rare stain in poor pin-point porosity. Neither of these shows was of any commercial value.

A good drilling break occurring from 3337 to 45' was made up of soft, off-white oolitic and oolitic lime with spotty stain and good oolitic porosity. The wet samples had strong odor and abundant free oil.

FEB 23 1990

CONT:

NETTIE UNIT 1-02

Westhusin #2

NW SW SE SE SW NW

Sec. 33-9S-17W

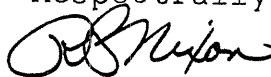
Rooks County, Kansas

REMARKS AND RECOMMENDATIONS:

On top of the Lansing the #2 Westhusin was one-foot lower than the #1 well. This interval was maintained until Arbuckle was cut at minus 1432, which is flat with the #1 well.

Because of the good arbuckle show and high structural position, pipe was advised to be run to 3534' and cemented. A 500 gallon acid treatment is recommended before any further penetration is commenced.

Respectfully Submitted,



R. P. Nixon

RPN:jh

FEB 26 1990

CONT: NETTIE UNIT 1-02
 Westhusin #2
 NW SW SE SE SW NW
 Sec. 33-9S-17W
 Rooks County, Kansas

Lansing-Kansas City Cont:

Drill Stem Test #1:

Drill stem test #1 was taken from 3334 to 51'. The tool was open one hour with a weak, steady blow. Recovery was 80 feet of soft water. The bottom hole pressure was 335 lbs in 20 minutes. This test also condemns this break in the #1 well.

A short break from 3408 to 11' contained finely crystalline, light grey lime with occasional stain and poor pin-point porosity. This break was considered to be commercially unimportant.

A zone of broken drilling from 3423 to 29' held finely crystalline to chalky, off-white lime with occasional stain and slight pin-point porosity. This zone should be evaluated on the gamma ray-neutron log and tested if sufficient porosity is observed.

The 3445 to 50' sample contained soft, chalky to maaly, off-white lime with spotty stain and slight pin-point porosity. I believe these samples come from 3442 to 46' but this interval should be verified on the porosity log before testing is commenced.

Simpson Section:

There were no shows of oil or gas observed in the Simpson Section.

Arbuckle Dolomite:

The arbuckle consisted of tan, medium crystalline, dolomite with spotty stain and fair intercrystalline to good vugular porosity. The wet samples had odor and abundant free oil.

FEB 28 1990