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

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

15-051-02226-0000

API NUMBER None

LEASE NAME Peavy

WELL NUMBER # 1

SPOT LOCATION NW NE NW

SEC. 19 TWP. 11 RGE. 17 (E) or (W)

COUNTY Ellis

Date Well Completed July 1958

Plugging Commenced 7-15-86

Plugging Completed 7-15-86

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

LEASE OPERATOR Tomlinson Oil Company

ADDRESS Box 1588, Gt. Bend, Kansas 67530

PHONE # (316) 792-2361 OPERATORS LICENSE NO. 5025

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

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

Which KCC/KDHE Joint Office did you notify? Hays

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

Producing formation Arbuckle Depth to top 3356' bottom 3450' T.D. 3450'

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
		0	150	8 5/8"	150'	none
		0	3350	5 1/2"	3349.5	none
		DV Tool at 1113' cemented w/ 600 sxs, circulated				

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. Plugged well down 2 3/8" 8R EUE tubing, spotted 30 sxs 50/50 Posmix cement 4% gel with 1 sx hulls from 3415 to 3100' spotted 6 sxs gel from 3100' to 2500' spotted 60 sxs 50/50 Posmix cement 4% gel from 2500' to 1900' spotted 9 sxs gel from 1900' to 1150' filled from 1150' to surface with 115 sxs 50/50 Posmix cement 4% gel, cement stayed in place, hooked pump truck to 8 5/8" surface pipe, pressured to 500# could not pump into, job complete @ 1:30 PM.

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

Name of Plugging Contractor B. J. Titan Cementing Co License No.

Address Gt. Bend, Kansas

STATE OF Kansas COUNTY OF Barton, ss.

Joe Casper (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) Joe Casper

(Address) Box 1588, Gt. Bend, Ks

SHELLY SHELTON
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 7-8-87

SUBSCRIBED AND SWORN TO BEFORE ME this 16th day of July, 1986

Shelly Shelton
Notary Public

My Commission expires: July 8, 1987

RECEIVED
STATE CORPORATION COMMISSION
JUL 18 1986
CONS. DIV. WICHITA, KS

RCW
07-18-86

Form CP-4 1-84
Revised 06-83

TOMLINSON & KATHOL
CONSULTING GEOLOGISTS
414 UNION CENTER PHONE AM 7-3062
WICHITA 2, KANSAS

15-051-02226-0000

June 26, 1958

Tomlinson-Kathol, Inc.
414 Union Center
Wichita, Kansas

Subject: Tomlinson-Kathol, Inc.
1 Peavey
NW NE NW, Sec. 19-11-17W
Ellis County, Kansas

Gentlemen:

The following is a sample analysis report of the above captioned well.

The well was under geological supervision from 2900 to 3450 feet, rotary total depth. Samples were examined from 2900 to 3450 feet, rotary total depth.

All tops and zones of porosity are based on kelly bushing measurements.

The following formation tops were determined from sample examination:

Elevation 1845 DF - 1847 RB

Top Topeka	2800	-953
Top Heebner	3032	-1185
Top Toronto	3053	-1206
Top Lansing	3079	-1232
Top Arbuckle Chert	3347	-1500
Top Arbuckle	3353	-1506
5-1/2" Casing	3449½	-1602½
Rotary Total Depth	3450	-1603

Note: Structurally the Arbuckle formation is two (2) feet lower than the Arbuckle dolomite top of the west producing offset and thirteen (13) feet higher than the producing well 1-1/2 locations to the North.

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Zones of porosity and staining:

Lansing-Kansas City Section:

There were no zones sufficiently porous to be considered as oil reservoirs in the entire Lansing-Kansas City section.

Arbuckle Section:

3347 - 3352 Chert white gray smoky vitreous semi-translucent. Part leached and psuedo crystalline (dolomite replacement). Free oil and odor. Tested by Drill Stem Test # 1.

3353 - 3370 Dolomite, tan medium fine crystalline with streaks of vugular and oolocastic porosity. Very cherty. Free oil, odor and stain. Tested by Drill Stem Test # 1.

Drill Stem Test # 1

3347 - 3370 Open 1 hour, fair blow. Recovered 60 feet gas, 216' muddy oil. IBHP 1007#, FBHP 830#, FP 0-165#.

3370 - 3374 Dolomite and chert medium crystalline, good vugular and inter-crystalline porosity. Free oil and saturated stain. Tested by Drill Stem Test # 2.

3378 - 3384 Shale and broken dolomite.

3384 - 3394 Dolomite tan fine crystalline. Fine inter-crystalline porosity. Free oil and saturation. Tested by Drill Stem Test # 2.

Drill Stem Test # 2

3371 - 3394 Open 1 hour, good blow, recovered 200 feet gas, 311 feet oil. IBHP 1073#, FBH 865#, FP 0-160#.

3396 - 3406 Dolomite, cream medium to large crystalline. Inter-crystalline porosity. Free oil, spotted saturation, odor. Tested by Drill Stem Test # 3.

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3408 - 3416 Dolomite, similar to dolomite above. Good porosity. Good show of oil. Tested by Drill Stem Test # 3.

Drill Stem Test # 3

3396 - 3412 Open 1 hour, fair to good blow, recovered 215 feet muddy oil. IBHP 1100#, FBHP 920#, FP 0-105#.

3417 - 3430 Dolomite, cream fine to medium crystalline. Inter-crystalline and oolocastic porosity. Free oil, odor and stain. Zone warrants testing.

3430 - 3442 Similar to description above.

Electric Log Interpretation:

A very careful study was made of the Lateral Log survey of the Arbuckle section by Schlumberger Engineer and computation indicate that between 80 to 90 feet of the Arbuckle section is sufficiently low in water percentage to be considered oil productive. This entire section cannot be considered continuous pay due to thin shale breaks and streaks of poorer porosity but it is estimated that between 45 and 55 feet of the section can be considered the oil reservoir.

In view of the favorable structural position, the oil recovered in the three drill stem tests and the excellent electric log computation, 5-1/2" casing was run to rotary total depth and cemented so that selective zones can be perforated and tested.

Respectfully submitted,

TOMLINSON & KATHOL

By:_____
Gerald J. Kathol