

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

Form CP-4
Rev. 12-15-80

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit

COUNTY Graham SEC. 25 TWP. 9S RGE. 23 E/W
Location as in quarters or footage from lines:
N/2 SE SE

			○

Locate Well
correctly on above
Section Platt.

Lease Owner Petroleum, Inc.
Lease Name Redline L-KC Unit (LaCerte A) Well No. 5-4 (#4)
Office Address P. O. Box 1447, Great Bend, Kansas 67530
Character of Well (Completed as Oil, Gas or Dry Hole): Oil
Date Well Completed February, 1965
Application for plugging filed September 20, 1982
Plugging commenced November 11, 1982
Plugging completed November 11, 1982
Reason for abandonment of well or producing formation Uneconomical

Was permission obtained from the Conservation Division or it's Agent's before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Carl Goodrow
Producing formation L-KC Depth to top 3663 bottom 3885 T.D. 3895
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"	228'	-0-
				4 1/2"	3892'	-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 hold. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

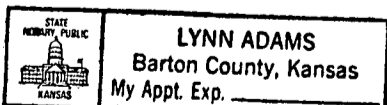
Pumped 230 sacks 50/50 pozmix down 4 1/2" casing with two sacks hulls. Maximum pressure 400#. Shut in pressure 400#.

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

Name of Plugging Contractor Allied Cementing Co., Inc.

STATE OF Kansas COUNTY OF Barton, ss.
Monte Chadd (employee of owner) or (owner or operator) of the 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 and that the same are true and correct. So help me God.

(Signature) Monte Chadd
P.O. Box 1447, Great Bend, KS
(Address)



SUBSCRIBED AND SWORN TO before me this 18th day of November, 19 82

Lynn Adams RECEIVED
STATE CORPORATION COMMISSION
11-19-82
NOV 19 1982

My Commission expires: 12-20-83

15-065-30036-0000

GEOLOGICAL WELL REPORT

D. G. Hansen No. 4 La Certe "A"
N/2 SE SE Section 25-9S-23W
Graham County, Kansas

REDLINE 5-4
RECEIVED
STATE CONSERVATION COMMISSION
SEP 21 1982
CONSERVATION DIVISION
Wichita, Kansas

Contractor: C-G Drilling Company Rig No. 1
Commenced: January 22, 1965
Completed: February 1, 1965
Electric Log: Great Guns (R. A. Guard Log)
Field: Red Line Northwest

Elevation: 2388' Kelly Bushing

Casing Record: 8-5/8" at 228'
4-1/2" at 3892' (1' off bottom - Log Depth)

One foot drilling time and ten foot samples from 3400 feet to 3650 feet;
five foot samples from 3650 feet to 3895 feet - Rotary Total Depth;
3893 feet - Electric Log Total Depth.

Circulated for Samples

1 hr. at 3768' 1 hr. at 3846'
1 hr. at 3810' 1 hr. at 3895'
1 hr. at 3826'

<u>Formation</u>	<u>Sample Tops</u>	<u>Log Tops</u>
Anhydrite	1948' (+440)	1946' (+442)
Topeka	3407' (-1019)	3408' (-1020)
Heebner	3628' (-1240)	3625' (-1237)
Toronto	3651' (-1263)	3648' (-1260)
Lansing-Kansas City	3663' (-1275)	3663' (-1275)
Base Kansas City	3889' (-1501)	3885' (-1497)
Total Depth	3895' (-1507)	3893' (-1505)

Sample Description

Topeka 3408' (-1020)

Heebner 3625' (-1237)

Toronto 3648' (-1260)

3650-55 Limestone, dense, white, chalky, partly cherty, no staining.

Lansing-Kansas City 3663' (-1275)

3663-68 Limestone, finely crystalline, white - light gray, fossiliferous, slightly cherty, poor - fair porosity having fair - dark spotted staining; show of free oil. Please Note: This zone gave up salt water in the No. 1 La Certe "A", which is five feet higher structurally than the No. 4 La Certe "A".

3699-3703 Limestone, dense, cherty, trace chalky lime having poor porosity with asphaltic residue.

3737-40 Limestone, dense - finely crystalline, white, partly fossiliferous and cherty, scattered poor - fair pinpoint porosity with fair spotted staining; show of free oil.

3747-50 Limestone as above.

3756-62 Limestone, finely crystalline, fossiliferous, scattered poor - fair pinpoint to vuggy porosity having light - fair spotted staining; show of free oil.

Drill Stem Test No. 1 3733-68' (Lsg. Pen. 70' - 105')

Open 1 hour (strong blow), recovered 520' fluid - 280' of gas and oil cut mud, 90' of froggy oil, 30' oil, 120' salt water; IBHP 1091#/20", FBHP 861#/20", IFP 71#, FFP 232#.

3796-98 Limestone, dense - finely crystalline, buff, fossiliferous, slightly cherty, poor - fair vuggy porosity with fair - dark spotted staining, show of free oil.

Drill Stem Test No. 2 3784-3810' (Lsg. Pen. 121' - 147')

Open 1 hour (good blow), recovered 420' fluid - 60' gas and slightly oil cut mud, 60' gas and oil cut mud, 300' gassy oil; IBHP 1295#/20" FBHP 1126#/20", IFP 53#, FFP 160#.

3819-25 Limestone, finely crystalline, gray, fossiliferous, fair porosity having light - fair spotted saturation, show of free oil.

Drill Stem Test No. 3 3809-26' (Lsg. Pen. 146' - 163')

Open 1 hour (strong blow), recovered 1530' of gas in drill pipe, 990' of gassy oil; IBHP 366#/20", FBHP 366#/20", IFP 178#, FFP 351#.

3835-39 Limestone, dense, white - light gray, partly chalky, poor porosity with dark spotted staining; slight show of free oil.

Drill Stem Test No. 4 3825-46' (Lsg. Pen. 162' - 183')

Open 1/2 hour (weak blow 14 minutes), recovered 10' mud; IBHP 285#/20", FBHP 60#, IFP 17#, FFP 34#.

3854-59 Limestone, dense, white, chalky, trace of poor - fair fossiliferous lime with dark spotted staining; trace of free oil.

3873-76 Limestone, dense, buff, chalky and cherty, poor porosity with dark spotted staining.

Drill Stem Test No. 5 3844-95' (Lsg. Pen. 181' - 232')

Open 1/2 hour (weak blow for 7 minutes), recovered 15' mud; IBHP 142#/20", FBHP 98#/20", IFP 44#, FFP 62#.

Base Kansas City 3885' (-1497)

Rotary Total Depth 3895' (-1507)

Log Total Depth 3893' (-1505)

4-1/2" casing at 3892' (1' off bottom)

RECEIVED
 STATE CORRELATION COMMISSION
 SEP 21 1982
 CONSERVATION DIVISION
 Wichita, Kansas
 No. 4 La

Geological Well Report

Quantitative Interpretation

<u>Depth</u>	<u>Zone</u>	<u>% Porosity</u>	<u>% water Saturation</u>	<u>DST</u>
3650-52	Toronto	8	59	
52-54		10 Shly	75	
54-56		8 Shly	77	
56-58		7 Shly	80	
3737-40	70'	8	52	1
3747-50	80'	7-1/2	48	1
3756-58	90'	11	68	
58-60		12	59	1
60-62		10	80	
3794-96	140'	8-1/2	45	2
3819-21	160'	8	30	3
21-23		10	35	
23-25		8	39	
3835-37	180'	7	50	4
37-39		8	59	
3854-56	200'	11	60	5
3873-75	220'	Tight		5

REMARKS

Structural position of the No. 4 La Certe on the Lansing-Kansas City formation:

<u>No. 1 La Certe "A"</u>	<u>No. 2 La Certe "A"</u>	<u>No. 3 La Certe "A"</u>	<u>No. 4 La Certe "A"</u>
(-1270)	(-1278)	(-1276)	(-1275)

It is recommended the following zones in the Lansing-Kansas City formation be perforated and acidized in the No. 4 La Certe "A":

- 160' Zone 3819-25' Covered by DST No. 3
- 140' Zone 3796-3800' Covered by DST No. 2

Geological Well Report

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No. 4 La Certe "A"

90' Zone 3756-62' Covered by DST No. 1
Note: It is felt future development to the
South and to the West will better
evaluate this zone prior to the time
the question comes up to perforate the
90' Zone.

80' Zone 3747-50' Covered by DST No. 1
70' Zone 3737-40' Covered by DST No. 1

Respectfully submitted,

Benny C. Singleton, Jr.
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