

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 06867
Name ..Steinle..Oil.....
Address 624.E...3rd.St.....
.....Russell,KS.....
City/State/Zip 67665.....
Purchaser.....None.....
Operator Contact Person Lavern Steinle.....
Phone913-483-3905.....

Contractor: License #
NameEmphases Oil Operators Rig # 5.....
Wellsite Geologist David M. Shumaker.....
Phone.....913-483-5209.....

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)
If OWNO: old well info as follows:
Operator
Well Name
Comp. DateOld Total Depth.....

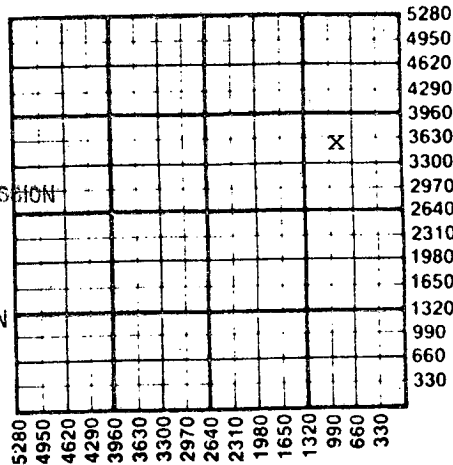
WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
1-30-89 2-5-89 2-5-89
Spud Date Date Reached TD Completion Date
3324
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 350 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from 350 feet depth to surface 200 SX cmt
Cement Company Name Allied
Invoice # 53390 & 53367
API OPA

API NO. 15-.....167-22835-00-00.....
County: Russell
..... 12 14S 13W * East
..... Sec..... Twp..... Rge..... West
3560 Ft North from Southeast Corner of Section
8.80 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Steinle..... Well # I.....
Field Name 1/4 mi. N.W. Mahoney
Producing Formation Dry Hole
Elevation: Ground 1799 1804 KB.....

Section Plat



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STATE CORPORATION COMMISSION
JUL 25 1989
07-25-89
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

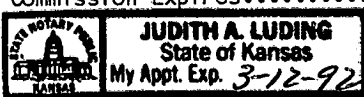
Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #.....
 Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West
 Surface Water 500 Ft North from Southeast Corner
(Stream, pond etc) 1650 Ft West from Southeast Corner
19 Sec 14 Twp 12 Rge East West
 Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Lavern Steinle
Title Pres Date 7-24-89
Subscribed and sworn to before me this 24th day of July 1989
Notary Public Judith A. Luding
Date Commission Expires March 12, 1992



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
Form ACO-1 (5-86)

Sec. 12 14 Rge. 13 W

(4)

Operator Name Stearns Oil Co. Lease Name Stearns Well # 1

Sec. 12 Twp. 14S Rge. 13W East West County Russell

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name _____ Top _____ Bottom _____

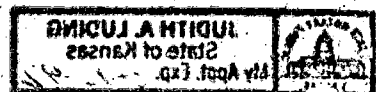
*Info ref. enclosed. (Too much to get into this small square.)

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/2"	8 5/8"	17.5	350'	60/40 pauze	200	2% jel & 3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled



15-167-22835-00-00

SWIFT FORMATION TESTERS

1309 VAN FLEET PHONE 793,5177

GREAT BEND, KANSAS

Date February 4, 1989

Test No. 1

Company Steinle Oil Company

Test Ticket No. 5135 County Russell Lease Steinle Well 1

Initial Shut-In - Hr. 30 Min. Tool Open - Hr. 30 Min. Final Shut-In - Hr. 30 Min.

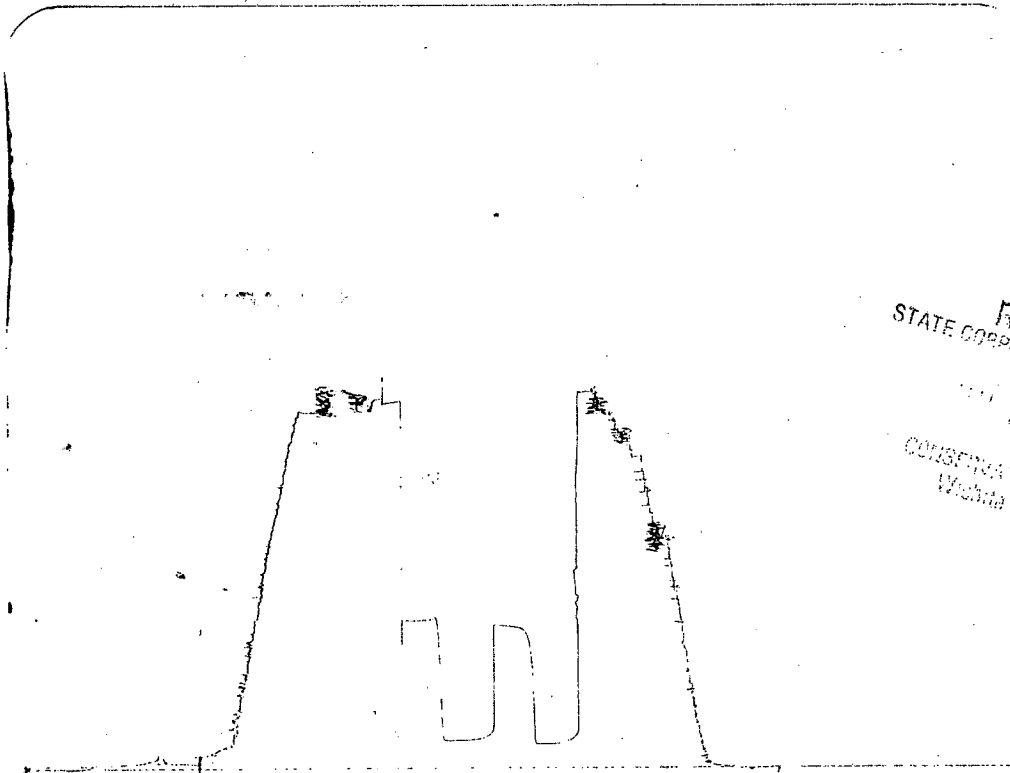
Interval Tested 2986 to 3031 Total Depth 3031

Blow: Weak increasing to fair 30 Minutes Initial Flow Period

Recovery and Remarks: 90' Thin mud - No show

Initial BHP: 596# Final BHP: 618# Initial FP: 67-67# Final FP: 75-75#

Tester Nelson Call Approved By: David Shumaker



DST # 1

TK # 5135

RECEIVED
 STATE GEOLOGICAL COMMISSION
 FEB 25 1989
 CONSERVATION DIVISION
 Wichita, Kansas

15-167-22835-00-00

Steinle Oil Company
624 East 3rd
Russell, Kansas 67665

GEOLOGICAL REPORT:

Steinle No. 1
NW-SE-NE, 12-14S-13W
Russell County, Kansas

CONTRACTOR:

Emphasis Oil Operations Rig 5
Russell, Kansas 67665

DRILLING COMMENCED:

January 30, 1989

DRILLING COMPLETED:

February 5, 1989

CASING RECORD:

8 5/8 set at 350' with 200 sx.
60/40 poz., 2 1/2 gal, 3 1/2 cc.

SAMPLES:

10' intervals from 2280' to
3325' R.T.D. -

DRILLING TIME:

By Geolograph.
1' intervals plotted and
recorded from 2100' to
3325' R.T.D.

DRILL STEM TEST:

1 by Swift Formation Testers
Great Bend, Kansas
1 by Western Testing Company
Great Bend, Kansas

LOGS:

Radiation- Guard Log
Great Guns -Hays, Kansas

ELEVATION:

Kelly Bushing 1804'
Ground Level 1799'
Measurements from K.B.

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STATE COOPERATION COMMISSION

JUN 25 1989

CONSTRUCTION DIVISION
WELL No. Kansas

FORMATION TOPS
 (Great Guns Guard Log)

<u>FORMATION</u>	<u>DEPTH</u>	<u>MINUS DATUMS</u>
Anhydrite	748	+1056
Base Anhydrite	784	+1020
Grand Haven Lime	2320	-516
-1st Tarkio Sand	2333	-529
Dover Lime	2350	-546
2nd Tarkio Sand	2360	-556
Tarkio Lime	2388	-584
3rd Tarkio Sand	2428	-624
Elmont Lime	2457	-653
Topeka	2666	-862
Heebner	2900	-1096
Toronto	2921	-1117
Douglas	2934	-1130
Lansing-Kansas City	2976	-1172
Base-Kansas City	3243	-1439
Conglomerate	3280	-1476
Arbuckle	Not Encountered	
Rotary Total Depth	3325	-1521
Log Total Depth	3324	-1520

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 JUL 25 1933
 CONSERVATION DIVISION
 Wichita, Kansas

Lithology: Zones of Interest

NOTE: All sample descriptions have been adjusted to the open hole log measurements.

Tarkio Section:

The Tarkio Sands consisted of micaceous fine to medium grained sandstone. Porosity appeared tight in the samples and was confirmed by the Neutron on the Guard log. The only show occurred in the 1st Sand from 2337-42 and it was only very spotty stain, with no visible

15-167-22835-00-00

Con't

show of free oil or odor. No other shows were logged in the other Tarkio sands.

Topeka 2666 (-862)
No shows were logged in the Topeka.

Heebner 2900 (-1096)

Toronto 2921 (-1117)
2925-28

LS; White, fine crystalline and dense above 2925. 2925-28-Traces of crystalline porosity and very spotty stain. Trace of white chert. No free oil or odor.

Douglas 2934 (-1130)

Lansing-Kansas City 2976 (-1172)
2976-78

A Zone

LS; White to buff, fine crystalline and dense. No shows.

2989-92

B Zone

LS; White, chalky oolitic porosity with scattered light to dark stain. No free oil or odor.

2994-96

B₁ Zone

LS; White, fair oolitic and oolitic porosity with scattered light stain. No free oil or odor.

Tested by D.S.T. No. 1

3013-21

C Zone

LS; Buff, crystalline, oolitic to sub-oolitic. Trace of stain in tight porosity. No free oil or odor.

Tested by D.S.T. No. 1

3058-60

F Zone

LS; Light gray, crystalline to slightly granular. Tight porosity with a trace of spotty stain. Very slight show of free oil, no odor.

3072-81

G Zone

LS; White, fair to poor barren oolitic porosity. Slightly oolitic.

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MAR 05 1939

SECRETARY OF STATE

15-167-22,835-00-00

Lithology: Page 3

3124-26
H Zone

LS; Light gray-white, fine crystalline and dense. Oolitic. Trace of chalk. No free oil or odor.

3145-47
I Zone

LS; White, fine crystalline dense to chalky. No free oil or odor.

3166-71
J Zone

LS; White, fair to poor chalky oolitic porosity. Slightly oolitic and sub-oolitic. No free oil or odor.

3199-3200
K Zone

LS; White to buff, fine crystalline and dense.

3226-27
L Zone

LS; Buff, fine crystalline and dense. Trace of chert.

Base-Kansas City 3243 (-1439)

Conglomerate 3280 (-1476)
3286-94

Congl; Weathered white lime with varicolored shales. Traces of weathered cherts. No shows.

3305-25

Congl; Weathered white to buff lime with blood red soft shales. Varicolored vitreous and weathered cherts. Traces of rounded to subrounded sand grains in the tray. No visible shows.

Rotary Total Depth 3325 (-1521)

Log Total Depth 3325 (-1520)

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MAR 25 1933

CONSERVATION DIVISION
Wichita, Kansas

15-167-22835-00-00

DRILL STEM TESTS

Drill Stem Test No. 1 2986-3031 Lansing-Kansas City

Time Intervals: 30-30-30-30

Initial Blow- Weak increasing to fair

Final Blow - weak increasing to fair

Recovery: 90 feet of thin mud - no show of oil

Pressures:

IHMP: 1607#

IFP: 67# -67#

ISIP: 596#

FFP: 75# -75#

FSIP: 618#

BHT: N.A.

FHMP: 1590#

Mud Properties:

Voscosity: 44 -- Weight: 9.8 Waterloss: 10.4

Drill Stem Test No. 2 2015-2056 Neva Lime

Misrun - Hook would not set.

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MAR 25 1953

CONSERVATION DIVISION
Topeka, Kansas

15-167-22835-00-00

REMARKS AND RECOMMENDATIONS

The table below compares the Steinle Oil Co. Steinle No. 1 with the Mast Drilling Letsch No. 1.

	<u>Steinle Oil Co.</u>	<u>Mast Drilling</u>
	Steinle No. 1 NW-SE-NE, 12-14S-13W Russell County, Ks.	Letsch No. 1 SW-SW-NW, 12-14S-13W Russell County, Ks.
Lansing-Kansas City	2976 (-1172)	3008 (-1155)
Conglomerate	3280 (-1476)	3327 (-1474)
Arbuckle	T.D. 3325 (-1521)	3367 (-1514)

After reviewing the table above, you will note that the Steinle No. 1 was 17 feet lower than the Letsch No. 1 when comparing the Lansing-Kansas City tops.

The Indian Cave and Tarkio section contained no commercial shows of oil as did the Topeka and Conglomerate.

The Lansing-Kansas City B and C zones were tested with negative results. Also a hook wall test was attempted on the Neva Limestone and not completed as the tool bridged off 5-7 stands from the test interval.

Due to the low structural position and the lack of commercial shows of oil, it was recommended that the Steinle No. 1 be plugged and completed as a dry hole.

Respectfully Submitted,

David M. Shumaker
Petroleum Geologist

DMS/das

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STATE CORPORATION COMMISSION

MAR 25 1953

CONSERVATION DIVISION
Wichita, Kansas

ALLIED CEMENTING CO., INC.

N^o 4990

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date 2-6-89	Sec 12	Twp 14s	Range 13w	Called Out 12:00 AM	On-Location 2:00 AM	Job Start 5:00 AM	Finish 7:15 AM
Lease Steinle	Well No. #1	Loc. T-20 Bunker Hill V&G KW			County Russell	State Kansas	

Contractor Emphasis Drilling Rig #5	
Type Job Rotary Plug	
Hole Size 7 7/8	T.D. 3325'
Csg. 8 5/8 Surface	Depth 353'
Tbg. Size	Depth
Drill Pipe 4 1/2 - X-H	Depth 785'
Tool	Depth
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	

EQUIPMENT

Pumptrk # 177	Cementer	<i>[Signature]</i>
	Helper	<i>[Signature]</i>
Pumptrk # 160	Cementer	
	Helper	
Bulktrk	Driver	<i>Mike</i>
Bulktrk	Driver	

DEPTH of Job		
Reference:	Pump Truck chg.	360.00
	1 1/2 per mile	8.00
	1-8 5/8 DRY Hole Plug	20.00
	Sub Total	388.00
	Tax	
	Total	

Remarks:

- 20 SK @ 7.55**
- 80 SK @ 4.00**
- 10 SK @ 40 & Bridge Plug**
- 15 SK @ Rat Hole**

Owner: _____
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To **STEINLE OIL COMPANY**
 Street **624 E 3rd**
 City **Russell** State **Kan 67665**
 The above was done to satisfaction and supervision of owner, agent or contractor.

Purchase Order No. _____
 X *[Signature]*
CEMENT

Amount Ordered **125 SK @ 4.00 6% gel 15% F/S**
 Consisting of
 Common **75** **300** **375.00**
 Poz. Mix **50** **200** **162.50**
 Gel **8** **64** **31.00**

Chloride _____
 Quickset _____
1 SK Flu Seal **40.00**

Handling **.90** **112.50**
 Mileage **.03** **40.00** **Mile 8 mi**
 Sub Total **734.00**
 Total **734.00**

Floating Equipment _____
[Signature]