

plugged  
1028-87

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 # 5706  
Name L. & F. Oil Operators  
Address Box 415  
City/State/Zip Plainville, Ks. 67663

Purchaser

Operator Contact Person Floyd Kelly  
Phone 913-434-2830

Contractor: License # 5671  
Name Reylin Drlg. Inc. Box 293  
Russell, Kansas 67665

Wellsite Geologist Cliff Ottoway  
Phone 913-628-6900

Designate Type of Completion

New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If **OWO**: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
10-21-87 10-28-87 10-28-87  
Spud Date Date Reached TD Completion Date  
3465 1420  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 217 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt  
Cement Company Name  
Invoice #

API NO. 15-147-20-503-00-00  
County Phillips  
C. N. NE NE Sec. 15. Twp. 5. Rge. 18 East West

4950 Ft North from Southeast Corner of Section  
660 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

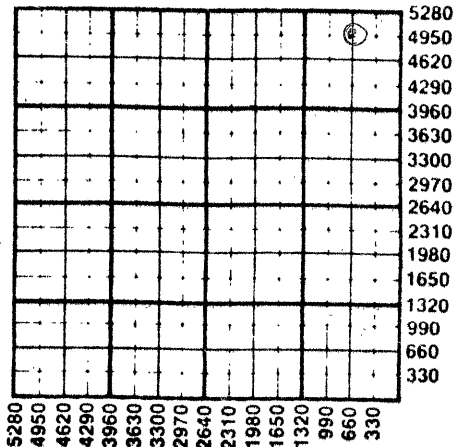
Lease Name Shaw A Well # 1

Field Name

Producing Formation

Elevation: Ground 1947 KB 1952

Section Plat



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 Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West

Other (explain) Farmers pond less than .15 acre (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 Floyd E. Kelly, D.B.A. L & F Oil Operators

Title Owner Date 11-17-87

Subscribed and sworn to before me this 17 day of November 1987  
Notary Public Harlan E. Meade

Date Commission Expires 3-7-90

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)  
NOV 20 1987  
Form ACO-1 (5-86)



Sec. 15 Twp. 5. Rge. 18 E

SIDE TWO

Operator Name L & F Oil Operators Lease Name Shaw "A" Well # 1  
 Sec. 15 Twp. 5 Rge. 18  East  West County Phillips

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 <input type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample																																														
<table border="0" style="width: 100%;"> <tr> <th style="width: 20%;">Drill stem test #1</th> <th style="width: 20%;">Drill Stem #2</th> <th style="width: 20%;">Name</th> <th style="width: 10%;">Top</th> <th style="width: 10%;">Bottom</th> </tr> <tr> <td>I H Mud 1687 PSI</td> <td>I H Mud 1677 PSI</td> <td>Topeka</td> <td>-924</td> <td>2876</td> </tr> <tr> <td>F I F P 42 PSI</td> <td>F I F P 36 PSI</td> <td>Neabner</td> <td>-1027</td> <td>2979</td> </tr> <tr> <td>F F F P 42 PSI</td> <td>F F F P 36 PSI</td> <td>Toronto</td> <td>-1153</td> <td>3103</td> </tr> <tr> <td>I S I P 527 PSI</td> <td>I S I P 577 PSI</td> <td>Lansing-Kansas City</td> <td>-1169</td> <td>3121</td> </tr> <tr> <td>S I F P 52 PSI</td> <td>S I F P 47 PSI</td> <td>Base LKC</td> <td>-1299</td> <td>3366</td> </tr> <tr> <td>S F F P 52 PSI</td> <td>S F F P 47 PSI</td> <td>Conglomerate</td> <td>-1432</td> <td>3384</td> </tr> <tr> <td>F S I P 712 PSI</td> <td>F S I P 577 PSI</td> <td>R.T.D.</td> <td>-1511</td> <td>3463</td> </tr> <tr> <td>F H Mud 1666 PSI</td> <td>F H Mud 1656 PSI</td> <td></td> <td></td> <td></td> </tr> </table>		Drill stem test #1	Drill Stem #2	Name	Top	Bottom	I H Mud 1687 PSI	I H Mud 1677 PSI	Topeka	-924	2876	F I F P 42 PSI	F I F P 36 PSI	Neabner	-1027	2979	F F F P 42 PSI	F F F P 36 PSI	Toronto	-1153	3103	I S I P 527 PSI	I S I P 577 PSI	Lansing-Kansas City	-1169	3121	S I F P 52 PSI	S I F P 47 PSI	Base LKC	-1299	3366	S F F P 52 PSI	S F F P 47 PSI	Conglomerate	-1432	3384	F S I P 712 PSI	F S I P 577 PSI	R.T.D.	-1511	3463	F H Mud 1666 PSI	F H Mud 1656 PSI				
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Interval Tested 3266-3310  Interval Tested 3172-3230 Recovered 20" Slightly OCM T O B ISI 30 Mins I S I 30 " T O B ISI 30 Mins F P 30 " I N S I 30 " F S I 30 " F F 30 " F S I 30 "																																															

CASING RECORD <input checked="" type="checkbox"/> New <input 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	8.5/8	8.5/8	20 1/2	217	60-40 Poz	165	2% gel 3% CC
Production	Dry Hole						
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				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 .....

# CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

## DRILL-STEM TEST DATA

Company	L & F Oil Operations	Test No.	1
Well Name & Number	Shaw #A-1	Zone Tested	Lansing
Company Address	Box 415, Plainville, KS. 67663	Date	10-26-87
Company Rep.	Cliff Ottaway	Tester	Kenneth Cheney
Contractor	Revlin Drilling Co., Inc.	Elevation	1952 K.B.
Location: Sec. 15 Twp. 5S Rge. 18W Co. Phillip State Ks.		Est. Feet of Pay	

Recorder No. 13805 Type AK-1 Range 4250 PSI

Recorder No. 13768 Type AK-1 Range 4175 PSI

Recorder Depth 3224 Clock # 29992

Recorder Depth 3227 Clock # 29993

(A) Initial Hydrostatic Mud 1687 PSI

Tool Open Before I.S.I. 30 Mins.

(B) First Initial Flow Pressure 42 PSI

Initial Shut-in 30 Mins.

(C) First Final Flow Pressure 42 PSI

Flow Period 30 Mins.

(D) Initial Shut-in Pressure 827 PSI

Final Shut-in 30 Mins.

(E) Second Initial Flow Pressure 52 PSI

Top Choke Size 1" Hole Size 7 7/8"

(F) Second Final Flow Pressure 52 PSI

Bottom Choke Size 3/4" Rubber Size 6 3/4"

(G) Final Shut-in Pressure 712 PSI

Tool Open @ 9:14 P.M.

(H) Final Hydrostatic Mud 1666 PSI

Blow Remarks Very Weak Blow for 25 min.

Temperature --

Flush tool on 2nd Opening.

Mud Weight 9.3 Viscosity 51

Fluid Loss 8.0 cc

Interval Tested 3172-3230

Anchor Length 58

Top Packer Depth 3167

Bottom Packer Depth 3172

Total Depth 3230

Drill Pipe Size 4 1/2" X.H.

Wt. Pipe I. D. -- Ft. Run --

Recovery-Total Feet 20

Recovered 20 Feet Of Slightly Oil-Cut Mud.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment

Price of Job

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CONSERVATION DIVISION  
Wichita, Kansas

# CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

## DRILL-STEM TEST DATA

Company <u>L &amp; F Oil Operations</u>	Test No. <u>2</u>
Well Name & Number <u>Shaw # A-1</u>	Zone Tested <u>Kansas City</u>
Company Address <u>Box 415, Plainville, Ks. 67663</u>	Date <u>10-26-87</u>
Company Rep. <u>Cliff Ottaway</u>	Tester <u>Kenneth Cheney</u>
Contractor <u>Revlin Drilling Co., Inc.</u>	Elevation <u>1952 K.B.</u>
Location: Sec. 15 Twp. 5S Rge. 18W CoPhillip State Ks.	Est. Feet of Pay _____

Recorder No. 13768 Type AK-1 Range 4175 PSI  
 Recorder Depth 3304 Clock # 29992  
 (A) Initial Hydrostatic Mud 1677 PSI  
 (B) First Initial Flow Pressure 36 PSI  
 (C) First Final Flow Pressure 36 PSI  
 (D) Initial Shut-in Pressure 577 PSI  
 (E) Second Initial Flow Pressure 47 PSI  
 (F) Second Final Flow Pressure 47 PSI  
 (G) Final Shut-in Pressure 577 PSI  
 (H) Final Hydrostatic Mud 1656 PSI

Temperature \_\_\_\_\_  
 Mud Weight 9.7 Viscosity 48  
 Fluid Loss 11.0  
 Interval Tested 3266-3310  
 Anchor Length 44  
 Top Packer Depth 3261  
 Bottom Packer Depth 3266  
 Total Depth 3310  
 Drill Pipe Size 4 1/2" X.H.  
 Wt. Pipe I. D. - Ft. Run --  
 Recovery-Total Feet 5

Recovered 5 Feet Of Drilling Mud.  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Extra Equipment \_\_\_\_\_

Recorder No. 13805 Type AK-1 Range 4250 PSI  
 Recorder Depth 3307 Clock # 29993  
 Tool Open Before I.S.I. 30 Mins.  
 Initial Shut-in 30 Mins.  
 Flow Period 30 Mins.  
 Final Shut-in 30 Mins.  
 Top Choke Size 1" Hole Size 7 7/8"  
 Bottom Choke Size 3/4" Rubber Size 6 3/4"  
 Tool Open @ 2:55 P.M.  
 Blow Remarks 1st Open: Weak for 15 min.  
2nd Open: Flush Tool on 2nd Opening.

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Price of Job \_\_\_\_\_

CONSERVATION DIVISION  
Wichita, Kansas

**CLIFTON K. OTTAWAY**  
**CONSULTING PETROLEUM GEOLOGIST**

(913) 628-6900

P.O. BOX 494

HAYS, KANSAS 67601

October 31, 1987

GEOLOGIC REPORT

L. & F. Oil Shaw A-1  
C-N/2 NE NE Sec. 15-5-18  
Phillips County, Kansas  
Commenced: 10-21-87  
Completed: 10-28-87

Pipe Record  
8 5/8" @ 217' w/165 sks.  
D/A Congl. @ 3465  
Anhydrite: 1410-1452  
Drilled by: Revlin Drlg.  
Rig # 2

ELEVATION 1952 K. B.  
1947 G. L. 1949 D. F.

FORMATION DATA  
(Sample tops)

<u>FORMATION</u>	<u>MINUS DATA</u>	<u>DEPTH</u>
TOPEKA .....	-924 .....	2876
HEEBNER .....	-1027 .....	3179
TORONTO .....	-1153 .....	3105
LANSING-KANSAS CITY .....	-1169 .....	3121
BASE LKC. ....	-1394 .....	3346
CONGLOMERATE .....	-1432 .....	3384
R. T. D. ....	-1511 .....	3463

CORES: NONE

DRILL STEM TESTS: Two. see below

ELECTRIC LOGS: None Corrected to strape @ 3442

FORMATION DESCRIPTIONS

TOPEKA: 2876-3178

This section consisted mostly of barren limestones and shale stringers. There was one zone (2903-06) that had a show of oil but it was tight and didn't warrant testing.

TORONTO: 3105-18

There were no shows in this section.

LANSING-KANSAS CITY: 3121-3346

A, B Bench: 3121-51 A trace of free oil and light staining in a white to offwhite, fine crystalline, dense, slightly cherty, fossiliferous limestone with very poor porosity.

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C Bench: 3162-74 A trace of light staining in a offwhite, fine to medium crystalline, slightly oolitic, tight limestone.

D Bench: 3180-94 A trace of free oil and staining in a white to offwhite fine crystalline, fossiliferous limestone with intercrystalline and fossiliferous porosity. This was included in DST. No. 1.

E,F,G Bench:3198-3240 A trace to minor free oil and staining and faint odor in a white to offwhite, fine to medium crystalline, slightly chalky, fossiliferous, cherty limestone with intercrystalline to fossiliferous porosity. This was included in DST. No. 1.

DRILL STEM TEST NO. 1: 3170-3228

Recovery: 20' Slightly Oil Cut Mud

Times: 30-30-30-30

IF: 42-42

FF: 52-52

ISIP: 827

FSIP: 712

H Bench: 3254-68 There were no oil shows in this section.

I Bench: 3276-87 A trace of free oil and scattered staining and very faint odor in a offwhite, fine to medium crystalline, slightly chalky, fossiliferous limestone with intercrystalline and fossiliferous porosity. This was included in DST NO. 2.

J Bench: 3292-3307 Free oil, scattered staining and faint odor in a white to offwhite, fine to medium crystalline, slightly oolitic, chalky, tight limestone with intercrystalline and vugy porosity. This was included in DST. NO. 2.

DRILL STEM TEST NO 2: 3264-3308

Recovery: 5' Mud

Times: 30-30-30-30

IF: 36-36

FF: 47-47

ISIP: 577

FSIP: 577

K Bench: 3318-30 There were no oil shows in this section.

L Bench: 3336-46 There were no oil shows in this section.

CONGLOMERATE: 3384-3463 There were no oil shows in this section.

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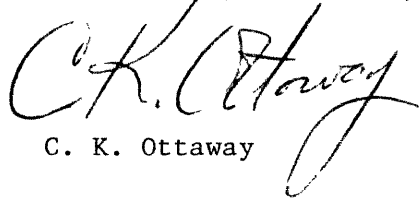
L. & F. Oil Shaw A-1  
C-N/2 NE NE Sec. 15-5-18  
Phillips County, Kansas

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RECOMMENDATIONS

Structurally, this well was 4 foot higher on the Lansing-Kansas city top, but it was tighter and poorer porosity than the Shaw #2. The shows were tested and condemned. Base on the drill stem tests and samples it was recommended to plug and abandon this well.

Respectfully submitted,



C. K. Ottaway

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Wichita, Kansas

L. & F. Oil Shaw A-1  
C-N/2 NE NE Sec. 15-5-18  
Phillips County, Kansas

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ONE FOOT DRILL TIME FROM 2800 to 3465

2801 42334/32232/33222/33545/56443/32473/33457/32333/12232/34233  
2900 33332/43421/21111/23233/32347/43344/55544/54454/43345/55355  
  
2901 54622/54334/44554/45544/44344/45522/34454/56465/44312/32234  
3000 56653/24332/56666/56 cor. to pipe st.344/35523/12223/22212/12223/34444  
  
3001 44445/44455/45566/55554/32334/66555/53356/54132/34334/54555  
3100 55578/64343/55452/44545/55556/47655/54434/76446/54435/65665  
  
3101 54333/32344/33345/55556/55333/53554/66564/96666/77777/75866  
3200 75466/34645/64354/34546/66665/55856/55343/34555/55655/68445  
  
3201 45456/45544/44555/45455/54445/54345/35767/75576/87564/56536  
3300 65467/77655/54445/56788/56656/57774/65645/66677/65556/44345  
  
3301 53455/56677/32444/44433/44555/55655/65 /55595/85544/66555  
3400 76453/35644/32223/22224/33434/46543/33232/34665/46656/68677  
  
3401 77888/88776/74778/77764/58785/42377/65656/53233/55445/64548  
3465 99873/34344/52124

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