

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

CO-1
number 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

7696

Operator: License # _____
 Name: Stich Oil
 Address: 7335 140th
 City/State/Zip: Chanute, Kansas 66720
 Purchaser: Cooperative Refining
 Operator Contact Person: Frank Stich
 Phone: (316) 763-2459
 Contractor: Name: Blair Drilling
 License: 32622
 Wellsite Geologist: Thomas H. Oast
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
 If Workover/Re-entry: Old Well Info as follows:
 Operator: _____
 Well Name: _____
 Original Comp. Date: 9-11-00 Original Total Depth: 1920'
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>7-19-00</u>	<u>9-5-00</u>	<u>9-11-00</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

CONSERVATION DIVISION
Wichita, Kansas

NOV 20 2000

API No. 15 - 019-26,522,0000
 County: Chautauqua
 Approx. W 1/2 E 1/2 Sec. 15 Twp. 32S S. R. 12 East West
2640 feet from (S) N (circle one) Line of Section
1740 feet from (E) W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE (SE) NW SW 10
 Lease Name: Stich Well #: _____
 Field Name: Hale-Inge
 Producing Formation: Arbuckle
 Production: Ground: 1014 est. Kelly Bushing: 1021 est.
 Total Depth: 1920 Plug Back Total Depth: -----
 Amount of Surface Pipe Set and Cemented at 45.3 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1920
 feet depth to Surface w/ 205 sx cmt.
 Drilling Fluid Management Plan DP-#2 KJR 8/13/07
 (Data must be collected from the Reserve Pit)
 Chloride content N/A ppm Fluid volume 400 bbls
 Dewatering method used _____
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

RECEIVED
STATE CORPORATION COMMISSION

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 statement herein are complete and correct to the best of my knowledge.

Signature: Thomas H. Oast Thomas H. Oast
 Title: Agent/Geologist Date: 11-6-00
 Subscribed and sworn to before me this 11 day of November,
 19 2000
 Notary Public: Reda Talbott
 Date Commission Expires: February 5, 2001

NOTARY PUBLIC, State of Kansas
 REDA TALBOTT
 My Comm. Exp. 2/5/2001

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 TIC Distribution

Operator Name: Stich Oil Lease Name: Stich Well #: 10
 Sec. 15 Twp. 32 S. R. 12 East West County: Chautauqua

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: <p style="text-align: center;">Gamma Ray/Neutron - CBL</p>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Layton Sandstone</td> <td>748'</td> <td>+266</td> </tr> <tr> <td>Lenapah Limestone</td> <td>1020'</td> <td>- 6</td> </tr> <tr> <td>Altamont Limestone</td> <td>1074'</td> <td>- 60</td> </tr> <tr> <td>Pawnee Limestone</td> <td>1212'</td> <td>-198</td> </tr> <tr> <td>Fort Scott Limestone</td> <td>1276'</td> <td>-262</td> </tr> <tr> <td>Verdigris Limestone</td> <td>1372'</td> <td>-358</td> </tr> <tr> <td>Mississippi Chat</td> <td>1624'</td> <td>-610</td> </tr> <tr> <td>Arbuckle Dolomite</td> <td>1854'</td> <td>-840</td> </tr> </tbody> </table>	Name	Top	Datum	Layton Sandstone	748'	+266	Lenapah Limestone	1020'	- 6	Altamont Limestone	1074'	- 60	Pawnee Limestone	1212'	-198	Fort Scott Limestone	1276'	-262	Verdigris Limestone	1372'	-358	Mississippi Chat	1624'	-610	Arbuckle Dolomite	1854'	-840
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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	# Sacjs Used	Type and Percent Additives
Surface	12"	8.625"		45.3	Portland	10	
Production	6.75"	4.50"	9.50#	1920	Portland	205	Gel 4%, CaCl

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	1854-1855	100 Gallons 15%Hcl acid	1854-55
		50 Barrels saltwater	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Swab) <i>(Explain)</i>
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Estimated Production Per 24 Hours	Oil Bbls. <u>Trace</u>	Gas Mcf <u>None</u>	Water Bbls. <u>Trace</u>	Gas-Oil Ratio	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

ORIGINAL

BLUE STAR
ACID SERVICE, INC.

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

No. 2363

Date	Customer Order No.	Sec.	Twp.	Range	Truck Called Out	On Location	Job Began	Job Completed
9-6-00		15	32S	12E	4:30 PM	6:30	7:15	8:00 AM
Owner		Contractor			Charge To			
Stich Oil		BLAIR Drlg.			Stich Oil			
Mailing Address		City			State			
7335 140 th		Chanute			KS 66720			
Well No. & Fgrm		Place		County		State		
Stich #10		N.W. Hale		Chautauqua		KS		
Depth of Well	Depth of Job	Casing	(New/Used)	Size	Weight	Size of Hole Amt. and Kind of Cement	Cement Left in casing by	Request Necessity
1920'	1935'		(Used)	4 1/2"	10.5	205 SKS		0' feet
Kind of Job					Drillpipe	(Rotary/Cable)	Truck No.	
LongString							UNIT #2	

Price Reference No.	# 1
Price of Job	550.00
Second Stage	
Mileage	60 > 126.00
Other Charges	
Total Charges	676.00

Remarks: RAN WIRE LINE TO CHECK CASING DEPTH, Big up to 4 1/2" CASING. BREAK CIRCULATION WITH 10 BBLs FRESH WATER, MIXED 70 SKS REGULAR CEMENT WITH 4% GEL, 1% CACL2, 1/4" FLOCELE. TAIL IN WITH 135 SKS THICK SET CEMENT. SHUT DOWN, WASH OUT PUMP & LINES. RELEASE PLUG. DISPLACE WITH 31.0 BBLs FRESH WATER. FINAL PUMPING PRESSURE 700 PSI. BUMP PLUG TO 1100 PSI. CHECK FLOAT. FLOAT HELD. GOOD CEMENT RETURNS (3 BBLs). SHUT IN @ 0 PSI.

Cementor: Kevin McCoy
 Helper: Brad - Steve - Mike District: EUREKA State: KS
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below.
"Thank you" x Kevin McCoy Agent of contractor or operator
Tom OAST

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
135 SKS	THICK SET CEMENT (TAIL IN CEMENT)	9.75	1,316.25
34 "	Flocele 1/4" per/sk	1.00	34.00
70 SKS	Regular Class "A" Cement	6.75	472.50
300 "	Gel 4%	9.50	28.50
65 "	CACL2 1%	.35	22.75
17 "	Flocele 1/4" per/sk	1.00	17.00
PAID BY CHECK # 1071 BY BLAIR DRLG.			
1	4 1/2" Top Rubber Plug	35.00	35.00
		205 SKS Handling & Dumping	.50
		2 1/2" TONS Mileage 60	.70
		Sub Total	3,154.32
		Discount	
Delivered by Truck No. #3 #4		Sales Tax	5.9%
Delivered from EUREKA		Total	186.10
Signature of operator Kevin McCoy			3,340.42