

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED
JUL 26 2002
KCC WICHITA
COPY

Operator: License # 9313
Name: James D. Lorenz
Address: 543A 22000 Rd.
City/State/Zip: Cherryvale, KS 67335-8515
Purchaser: none
Operator Contact Person: James D. Lorenz
Phone: (620) 328-4433
Contractor: Name: L & S Well Service
License: 32450
Wellsite Geologist: none

Designate Type of Completion:
____ New Well ____ Re-Entry ____ Workover
 Oil ____ SWD ____ SIOW ____ 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:	Original Total Depth:
Deepening	Re-perf.
Plug Back	Conv. to Enhr./SWD
Commingled	Docket No.
Dual Completion	Docket No.
Other (SWD or Enhr.?)	Docket No.

<u>6-8-02</u>	<u>6-11-02</u>	<u>6-19-02</u>
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API No. 15 - 205-2554-0000
County: Wilson
NE. SW' NW NE Sec. 35 Twp. 29 S. R. 15 East West
4455' feet from S / N (circle one) Line of Section
2145' feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Thornton Well #: 5
Field Name: Fredonia
Producing Formation: Bartlesville
Elevation: Ground: unknown Kelly Bushing: _____
Total Depth: 1207' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 20' x 7" Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1207'
feet depth to surface w/ 80 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ 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.: _____

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 statements herein are complete and correct to the best of my knowledge.

Signature: James D. Lorenz
Title: agent Date: 7-15-02
Subscribed and sworn to before me this 15th day of July
2002
Notary Public: Maria D. Sexton
Date Commission Expires: 4-25-05

KCC Office Use ONLY

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

Operator Name: James D. Lorenz Lease Name: Thornton Well #: 5

Sec. 35 Twp. 29 S. R. 15 East West County: Wilson

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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run:</p>	<p><input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <p>Name Top Datum</p> <div style="text-align: center; font-size: 24px; font-weight: bold; margin-top: 20px;">RECEIVED</div> <div style="text-align: center; font-size: 18px; margin-top: 5px;">JUL 26 2002</div> <div style="text-align: center; font-size: 18px; margin-top: 5px;">KCC WICHITA</div>
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CASING RECORD <input 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	11 1/4"	7"	20'	20-0'	Portland	5	none
production	5 1/4"	2 7/8"	1207'	1207-0'	Portland	80	OWC

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 <i>(Amount and Kind of Material Used)</i>	Depth
2	2 1/8" DML-RTG 9 shots at 1176-1180'	150 gal. 15% HCL	1176-1180'
		5 sx 20/40 sand 40 sx 12/20 sand	
		1 acid spot	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
				1" weighted anchor
Date of First, Resumed Production, SWD or Enhr.		Producing Method		
July 24, 2002		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	3	N/A	1	

Disposition of Gas N/A METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Sumit ACO-18.) Other (Specify) _____

L S Well Service
543-A 22000 Rd.
Cherryvale, KS 67335
620-328-4433

DRILLER LOG

L S WELL SERVICE

THORNTON #5
API#15-205-2554-0000
4455' FSL 2145' FEL
WILSON CO. KS

- 0-20 DIRT
- 20-55 LIME
- 55-74 SHALE
- 74-160 LIME
- 160-310 SHALE
- 310-362 LIME
- 362-412 SHALE
- 412-416 LIME
- 416-423 SHALE
- 423-443 LIME
- 443-446 SHALE
- 446-508 LIME
- 508-516 SHALE
- 516-520 LIME
- 520-550 SHALE
- 550-572 LIME
- 572-618 SHALE
- 618-624 LIME
- 624-672 SHALE
- 672-700 LIME
- 700-706 SHALE
- 706-722 LIME
- 722-728 SHALE
- 728-736 LIME
- 736-776 SHALE
- 776-780 LIME
- 780-836 SHALE
- 836-860 LIME
- 860-898 SHALE
- 898-924 LIME
- 924-930 SHALE
- 930-940 LIME
- 940-948 SHALE
- 948-952 LIME
- 952-1056 SHALE
- 1056-1061 COAL
- 1061-1102 SHALE
- 1102-1117 SAND
- 1117-1166 SHALE
- 1166-1185 SAND
- 1185-1206 SHALE

6-8-02 Drilled 11 1/4" hole and
Set 20' of 7" Surface pipe
Set with 5 sacks of Portland Cement

6-10-02 Drilled 6 3/4" hole to TD

6-11-02 Finished drilling

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