

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

Operator: License # 31086
Name: Richlan DRilling
Address: 598 2nd ave
City/State/Zip: Beaver, Ks 67525
Purchaser: NCRA
Operator Contact Person: Rick Schreiber
Phone: (620) 793 2032
Contractor: Name: Duke DRLG Rig 2
License: 5929
Wellsite Geologist: Robert Schreiber
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: _____ Original Total Depth: _____
 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. _____
6/13/00 6/20/00
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 009-24678 0000
County: Barton
50' N-SE-SW-SE Sec. 25 Twp. 17 S. R. 12 East West
380 feet from S / N (circle one) Line of Section
1650 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: B & D Well #: 4
Field Name: Drews Ext
Producing Formation: Arbuckle
Elevation: Ground: 1803 Kelly Bushing: 1811
Total Depth: 3480 Plug Back Total Depth: 3409
Amount of Surface Pipe Set and Cemented at 321' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 10,000 ppm Fluid volume 400 bbls
Dewatering method used let dry
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

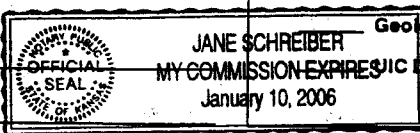
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: Rick L. Schreiber
Title: Owner Date: 4-3-02
Subscribed and sworn to before me this 3rd day of April,
2002
Notary Public: Jane Schreiber
Date Commission Expires: _____

KCC Office Use ONLY

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



Operator Name: Richlan DRilling Lease Name: B & D Well #: 4
Sec 25 Twp. 17 S. R. 12 East West County: Barton

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 Yes No
(Attach Additional Sheets)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
(Submit Copy)
List All E. Logs Run: ELI Wireline Guard Log (radiation)
L-K Wireline Gamma Ray
Correlation Bond Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	654	+1157
TopekaLS	2617	- 806
Heebner SH	2907	-1096
Toronto LS	2927	-1116
Douglas SH	2940	-1125
LKC LS	3030	-1219
BKC	3279	-1468
Conglomerate	3296	-1483
Arbuckle DOL	3327	-1516
LTD	3480	-1669

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	# Sacjs Used	Type and Percent Additives
surface	12 1/4	8 5/8"	20#	322'	60/40 Poz	195	3%cc 2%gel
production	7 7/8	5 1/2"	15.5#	3404'	ASC	150	5#/sk kolseal

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	
12	3267 to 3270	250 gals 15% mud acid, diplace w. lse water	
24	3200 to 3206	250 gals 15% FE-NE acid with silt suspender	
		flushw/ lse water	
16	3170 to 3174	500 gals 15% NEFE with silt suspender	
		flush w/ lse water	
		250 gals 15% mud acid followed with	
		750 gals NE-FE Acid & silt suspender	
		flush w/ LSE water	

TUBING RECORD				Liner Run		
Size	Set At	Packer At		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
used 2 3/8"	3300'					
Date of First Resumerd Production, SWD or Enhr.			Producing Method			
7-20-00			<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	
	31.7		22		43.	

Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.)
METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
Production Interval _____