

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 6039
Name: L. D. DRILLING, INC.
Address: 7 SW 26 AVE.
City/State/Zip: GREAT BEND, KANSAS 67530
Purchaser: _____
Operator Contact Person: L. D. DAVIS
Phone: (620) 793-3051
Contractor Name: L. D. DRILLING, INC.
License: 6039
Wellsite Geologist: KIM SHOEMAKER

API No. 15 - 185-23321-00-00
County: STAFFORD
NW SE NE Sec. 21 Twp. 21 S. R. 13 East West
1420 feet from S (N) (circle one) Line of Section
850 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: SAMUEL Well #: A-1
Field Name: SHAEFFER-ROTHGARN

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Producing Formation: _____
Elevation: Ground: 1887' Kelly Bushing: 1892'
Total Depth: 3737' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 415' 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.

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. _____
7/14/05 7/21/05
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan AH. I. SB 8-20-08
(Data must be collected from the Reserve Pit) PEA 7-21-05
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.: _____

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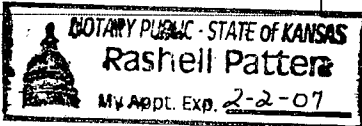
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: Ressie Dewuff
Title: Sec/ Treasurer Date: 8-2-05
Subscribed and sworn to before me this 2 day of August,
20 05.
Notary Public: Rashell Patten
Date Commission Expires: 2-2-07

KCC Office Use ONLY

NO Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution



Operator Name: L. D. DRILLING, INC. Lease Name: SAMUEL Well #: A-1
 Sec. 21 Twp. 21 S. R. 13 East West County: STAFFORD

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum <p style="text-align: center; font-size: 1.2em;">SEE ATTACHED</p> <p style="text-align: right; font-weight: bold; font-size: 1.2em;">RECEIVED AUG 03 2005 KCC WICHITA</p>
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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	12 1/4"	8 5/8"	22#	415'	60/40 POZMIX	350	3% CC, 2% GEL

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

TUBING RECORD		Size	Set At	Packer At	Liner Run			
						<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First, Resumerd Production, SWD or Enhr.			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	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled _____
 Other (Specify) _____

Production Interval

DAILY DRILLING REPORT

ORIGINAL

OPERATOR: L.D. DRILLING, INC. LEASE: SAMUEL A #1
NW SE NE Sec: 21-21-13 W
WELLSITE GEOLOGIST: KIM SHOEMAKER Stafford Co., Kansas

CONTRACTOR: L.D. DRILLING, INC. ELEVATION: GR: 1887'
KB: 1892'

SPUD: 7/14/05 3:00 P.M. PTD: 3650'

SURFACE: Ran 10 jts New 22# 8 5/8" Tally 408.58', Set @ 415', w/ 350 sx 60/40 Pozmix
3% CC 2% Gel, Did Circulate, by Acid Service Plug Down 1:45 A.M. 7/15/05

7/14/05 Move Rig In & Spud
7/15/05 418' Waiting on Cement
7/16/05 1710' Rig Check
7/17/05 2727' Drilling
7/18/05 3395' Drilling
7/19/05 3702' Trip out w/ DST #1
7/20/05 3725' DST #3 ob - Will start out of hole 9:50
7/21/05 3737' RTD

KCC: Jim Holland

Plugged: 1st Plug 3695' w/ 40sx
2nd Plug 800' w/ 50sx
3rd Plug 425' w/ 50 sx
4th Plug 40' w/ 10sx & wood pl
5th Plug @ Rathole w/15 sx

Total 165sx - 60/40 Pozmix 6% gel

Plug Down - 8:15 A.M. 7-21-05

Reference Well:
#4 Hoffman Abandon
producer to north

SAMPLE TOPS:

Anhy	751	+1141	
Heebner	3196	-1304	
Brown Lime	3321	-1429	
Lansing KC	3334	-1442	-2' to Hoff 4
Base Kansas City	3557	-1665	
Viola	3591	-1699	
Simpson	3640	-1748	
Arbuckle	3695	-1803	-25'to N hole
RTD	3737	-1845	

DST #1 3637 - 3702' Arbuckle
TIMES: 30-45-45-60
BLOW: 1st Open: blt to 2 1/2"
2nd Open: blo died in 15 min
RECOVERY: 30' gip, 30' ocm, trace water,
15% oil, 3% water, 82% mud
IFP: 23-31 ISIP: 65
FFP: 28-31 FSIP: 54
TEMP: 106 degrees

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DST #2 3638 - 3713' Arbuckle
TIMES: 30-30 out of hole
BLOW: 1st Open: died in 12 min
2nd Open:
RECOVERY: 35' muddy oil 30% mud,
70% oil
IFP: 25-36 ISIP: 98
FFP: FSIP:
TEMP: 101 degrees

DST #3 3705 - 3725' Arbuckle
TIMES: 45-45-45-45
BLOW: 1st Open: blow blt to 3 1/2"
2nd Open: blow blt to 1"
RECOVERY: 50' Gas in pipe, 10' clean oil, 37' gra
60' oil & gas cut mud, (20% oil, 10% gas, 70% mud)
IFP: 26-42 ISIP: 226
FFP: 50-52 FSIP: 171
TEMP: 106 degrees

DAILY DRILLING REPORT

ORIGINAL

OPERATOR: L.D. DRILLING, INC.

LEASE: SAMUEL A #1

NW SE NE Sec: 21-21-13 W

WELLSITE GEOLOGIST: KIM SHOEMAKER

Stafford Co., Kansas

CONTRACTOR: L.D. DRILLING, INC.

ELEVATION: GR:

KB:

SPUD: 7/14/05 3:00 P.M.

PTD: 3650'

DST #4 3720 - 3737' Arbuckle

TIMES: 30-45-45-60

BLOW: 1st Open: 1st Strong 9"

2nd Open: 2nd Weak 1/2"

RECOVERY: 220'osmw, 26,000 ppm chlorides

10% mud 90% water

IFP: 40-82 ISIP: 985

FFP: 79-122 FSIP: 939

TEMP: 110 degrees

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ORIGINAL

FIELD ORDER 10580 ✓



INVOICE NO.		Subject to Correction		Well # 1		Legal 21-215-13W		
Date 7/21/05	Lease SAMUEL 'A'	Customer ID	County STAFFORD	State Ks	Station PRATT			
L.D. DRILLING Co.		Depth	Formation	Shoe Joint N/A		Job Type P.T.A. NEW WELL		
Casing 4 1/2 O.P.	Casing Depth 3695	TD 3737	Customer Representative BILL					Treater T-SBA

CHARGE

AFE Number	PO Number	Materials Received by
		X Bill Owen

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-203	165 SKS	60/40 Poz	-			
C-320	568 lbs	CMT GEL	-			
F-163	1 EA	WOODEN Plug 85/8	-			
E-100	45 MI	HEAVY Veh mē				
E-101	45 MI	PU mē				
E-104	320 TM	Bulk DELIVERY				
E-107	165 SKS	CMT SERV. CHARGE				
R-400	1 EA	Ramp CHARGE P.T.A.				
		DISCOUNTED PRICE :				
		+ TAXES				
				\$2,817.24		

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TREATMENT REPORT



Customer ID		Date	
Customer L.J. Data Co.		7/21/05	
Lease SAMUEL "A"	Lease No.	Well # 1	

Field Order # 70280	Station PRATT	Casing 4 1/2"	Depth 3695	County STAFFORD	State KS
Type Job P.T.A. NEW WELL			Formation TD=3737	Legal Description 21-215-13W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid 165 SKS 60/40 Poz	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad 6% GEL	Max		5 Min.
Volume	Volume	From	To	Pad 13.3 #/GAL	Min		10 Min.
Max Press	Max Press	From	To	Frac 159 FT3	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative BILL	Station Manager D. SCOTT	Treater T. SEBA
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Service Units	123	380	457	347	501				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00					CALLED OUT
3:30					ONLINE W/ TEL'S SAFETY MTG.
4:40	150		20	4	1st Plug 3695' 40 SKS 60/40 Poz 6% GEL
			11.3		Ramp H2O
			10		MIX 1 Pump 40 SKS @ 13.3 #/GAL
5:00	0		34		Ramp H2O
					BAL DISP W/ MUD
6:50	100		15	3	2nd Plug 800' 50 SKS 60/40 Poz 6% GEL
			14.16		Ramp H2O
6:59	0		7.7		MIX 1 Pump 50 SKS @ 13.3 #/GAL
					BAL DISP
7:10	100		10	3	3rd Plug 425' 50 SKS 60/40 Poz 6% GEL
			14.16		Ramp H2O
7:20	0		2.3		MIX 1 Pump 50 SKS @ 13.3 #/GAL
					BAL DISP
8:15	0			1	4th Plug 40' 10 SKS 60/40 Poz 6% GEL
			2.83		MIX 1 Pump 10 SKS @ 13.3 #/GAL
					CIRC OUT TO SURFACE
				1	Plug R M HOLES
9:00	0				JOB COMPLETE



ORIGINAL
FIELD ORDER 10662 ✓

INVOICE NO.	Subject to Correction		
Date 07-14-05	Lease SAMUEL	Well # A-1	Legal 21-215-13W
Customer ID	County STAFFORD	State KS	Station PRM
Depth		Formation	Shoe Joint
Casing 8 7/8		Casing Depth	TD 418
Customer Representative Bill Owen		Treater M McVire	

CHARGE

L.P. PRILLING INC

Job Type
SURFACE 8 7/8 NW

AFE Number	PO Number	Materials Received by X Bill Owen
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	350SK	60/40 P02	-			
C194	85 lb	CELLFLAKE	-			
G310	903 lb	CALCIUM CARBIDE	-			
F163	1	WOODSON CEMENT PUMP 8 7/8	-			
E100	45mi	HEAVY VEHICLE MILEAGE				
E101	45mi	PICKUP MILEAGE				
E104	6777M	PROPPANT + BULK DELIVERY P/M				
E107	350SK	CEMENT SERVICE CHARGE				
R201	1	CASING CEMENT PUMP 301-500'				
R201	1	CEMENT HEAD RENTAL				
		DISCOUNTED PRICE				
		+ TAXES		5551.76		

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TREATMENT REPORT



Customer ID		Date	
Customer L.D. DRILLING INC		07-14-05	
Lease SAMUEL	Lease No.	Well # A-1	

Field Order # 10662	Station PRAT	Casing 8 5/8	Depth	County STAFFORD	State KS
Type Job SURFACE New well 8 5/8			Formation	Legal Description 21-215-13W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid 350 SKS 60/40 P02		RATE	PRESS	ISIP
Depth 408	Depth	From	To	Pre Pad 290 PERV. GEL 3%	Max			5 Min.
Volume 25.6	Volume	From	To	Pad CMC, CHLORIDE, 25% HX	Min			10 Min.
Max Press	Max Press	From	To	Frac CELL FRAC	Avg			15 Min.
Well Connection 2 1/2" CWV	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 398	Packer Depth	From	To	Flush FRESH H₂O	Gas Volume			Total Load

Customer Representative BILL OWEN	Station Manager DAVE AVTRY	Treater M. MCHURR			
Service Units	109	380	457	303	570

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2200					ON LOCATION / SAFETY MEET
					RUN INTS 8 5/8 CASING
0105					CIRCULATE w/ R/L
					HOOK UP TO PUMP TRUCK
0117	100		78	5.5	MIX 350 SKS 60/40 P02 @ 14.7
0137					RELEASE PLUG
0138	100		25.6	5.	DISPLACEMENT
0142					PLUG DOWN
					CIRCULATE ?? SKS TO PIT
					JOB COMPLETE
					THANK U