

JUL 25 2005

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

Operator: License # 6039
Name: L. D. Drilling, Inc.
Address: 7 SW 26 Avenue
City/State/Zip: Great Bend, KS 67530
Purchaser: SemKan, LLC
Operator Contact Person: L. D. Davis
Phone: (620) 793-3051
Contractor: Name: Petromark Drlg. LLC
License: 33323
Wellsite Geologist: Terry McLeod

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. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____
5-10-05 5-19-05 5-24-05
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 145-21528-00-00
County: Pawnee
_____-NE/4Sec. 27 Twp. 23 S. R. 17 East West
1380 feet from S N (circle one) Line of Section
460 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Stude Well #: 1
Field Name: Wildcat
Producing Formation: Cherekee/ Mississippi
Elevation: Ground: 2087 Kelly Bushing: 2092
Total Depth: 4590 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 270 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 AH 1 NCR 8-11-08
(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: [Signature]
Title: Clerk Date: 7/22/05
Subscribed and sworn to before me this 22 day of July,
20_05_
Notary Public: [Signature] Bessie M. DeWerff
Date Commission Expires: 5/20/09

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

ORIGINAL

Operator Name: L. D. Drilling, Inc. Lease Name: Stude Well #: 1
 Sec. 27 Twp. 23 S. R. 17 East West County: Pawnee

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)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

(See Attached Daily Drilling Report for Sample Tops and Log Tops) **RECEIVED**
 KANSAS CORPORATION COMMISSION

List All E. Logs Run: All Logs:
 Dual Compensated Porosity Log
 Borehole Compensated Sonic Log
 Dual Induction Log
 Sonic Cement Bond Log

JUL 25 2005
 CONSERVATION DIVISION
 WICHITA, KS

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	7 7/8	8 5/8"	23#	270'	60/40 Poz	275	2% gel 3% cc
Production		5 1/2"	14#	4575'	AA-Con	175/25RH	FLA Gil

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
	4200 - 4218'		

TUBING RECORD	Size <u>2 3/8 "</u>	Set At <u>4218.88'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
---------------	---------------------	------------------------	-----------	--

Date of First, Resumerd Production, SWD or Enhr. <u>6/23/05</u>	Producing Method <input checked="" 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
		<u>250</u>	<u>0</u>		

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify)

DAILY DRILLING REPORT

ORIGINAL

OPERATOR: L.D. DRILLING, INC. LEASE: STUDE #1
 Ap: 60' S & 130' W of E/2 E/2 NE
 WELLSITE GEOLOGIST: KIM SHOEMAKER Sec 27-23-17, Pawnee Co., KS
 / TERRY McLEOD
 CONTRACTOR: PETROMARK DRILLING CO. ELEVATION: GR: 2087'
 KB: 2092'
 SPUD: 5/10/05 8:00 P.M. PTD: 4400'
 SURFACE: Ran 6 jts 23# 8 5/8" Casing, Set @ 270' w/ 275 sx., 60/40 Pozmix 2% gel, 3%CC
 1/4# Cell Flake. Did Circulate, Plug Down @ 3:30 A.M. by Acid Service
 Ticket 10505 - Survey 3/4 degree @ 278'

5/10/05 MIRU (wait on water well)
 5/11/05 278' WOC
 5/12/05 1545' Drilling - Will call Geo @ 1800'
 5/13/05 2356' Drilling
 5/14/05 3000' Drilling
 5/15/05 3580' Drilling
 5/16/05 4021' Drilling - On back for bit trip, chg out
 drlg. line
 5/17/05 4250' Trip out for DST #1
 5/18/05 4390' Drilling 5 1/2" Casing on location
 5/19/05 4590' RTD - Survey 3/4 deg @ TD
 4594' LTD Going in hole w/ bit to LDDP & run 5 1/2" Casing
 Ran 107 jts New 5 1/2" Csg, Set @ 4575' w/ 175 sx.,
 Ticket # 10589 Plug Down 5/19/05 @ 5:30 P.M.

DST #1 4175 - 4250'
 TIMES: 30-45-60-60
 BLOW: 1st Open: Strong blow, 1 1/2choke,
 3.3MCF, in 10 min, 3.3 in 20 min, 3.3 in 30 min
 2nd Open: 10,20,30,40,50,60 - 3.4 MCF
 RECOVERY: 2' gcm
 IFP: 679 - 784 ISIP: 1375
 FFP: 770-784 FSIP: 1358
 TEMP: 114 degrees HP: 2049 - 1983

Formation	Log Tops:		Sample Tops:		
Herrington	2152	-60	2145	-53	+2
Red Eagle	2747	-655	2751	-659	-8
Langdon Shale	3003	-911	3001	-809	-4
Stotler	3062	-970	3061	-969	Flat
Howard Limestone	3201	-1109	3203	-1111	-1
Topeka	3260	-1168	3261	-1169	+1
Heebner Shale	3639	-1547	3640	-1548	+4
Lansing	3770	-1678	3766	-1674	+6
Base Kansas City	4044	-1952	4043	-1951	+7
Cherokee Sh	4182	-2090	4180	-2088	+7
Mississippi	4210	-2118	4213	-2121	+11
Viola	4300	-2208	4292	-2200	+10
Simpson	4436	-2344	4436	-2344	
Arbuckle	4496	-2404	4501	-2409	

RECEIVED
 KANSAS CORPORATION COMMISSION
 JUL 25 2005
 CONSERVATION DIVISION
 WICHITA, KS

BEFORE-N TO C.L. - 2N-4W-44S-W DWTO

ORIGINAL



INVOICE NO.	Subject to Correction			FIELD ORDER	10505 ✓
Date	5-11-05	Lease	STUDE	Well #	1
Customer ID		County	RAWNEE	State	KS
		Depth		Formation	280'
		Casing	8 5/8	Casing Depth	306'
		Customer Representative	ED	Treater	K. GORDLEY

CHARGE

L.D. DRAWING

Job Type SURFACE-NW

AFE Number	PO Number	Materials Received by	x CD MILLS
------------	-----------	-----------------------	------------

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	275 SK	60/40 POZ	-			
C310	711 lb.	CALCIUM CHLORIDE	-			
C194	64 lb.	CELL PLATE	-			
F163	1 EA.	8 5/8 WOOD PLUG	-			
E100	50 mile	TRUCK MILE				
E101	50 mile	PICKUP MILE				
E104	593 TM	BUCK DELIVERY				
E107	275 SK.	CMT. SERV. CHARGE				
R201	1 EA.	PUMP CHARGE				
R701	1 EA.	CEMENT HEAD				
PRICE =				4591.79		

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 25 2005
CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

TREATMENT REPORT



Customer ID		Date	
Customer <i>C.D. DRELLING</i>		<i>5-11-05</i>	
Lease <i>STUDE</i>		Lease No.	Well #
Field Order # <i>10505</i>	Station <i>PRATT, KS.</i>	Casing <i>8 7/8</i>	Depth <i>306'</i>
Type Job <i>SURFACE - NW</i>	Formation <i>280</i>	County <i>PRAWNEE</i>	State <i>KS</i>
		Legal Description <i>27-23-17</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 7/8</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>306</i>	Depth	From	To	Pre Pad	Max			5 Min.
Volume <i>280</i>	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	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 <i>ED</i>	Station Manager <i>ANDREW</i>	Treater <i>GORDLEY</i>
-----------------------------------	-------------------------------	------------------------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0030</i>					<i>ON LOCATION</i>
					<i>RUN ²⁸⁰ 306' 8 7/8 CASING</i>
					<i>TRAC BOTTOM - BREAK CALL.</i>
					<i>MIX CEMENT</i>
<i>0300</i>	<i>200</i>		<i>61</i>	<i>5</i>	<i>275 sk. 60/40 POZ 2% GEL, 3% CC, 1/4 #/sk CELLFLAKE</i>
					<i>STOP - DROP WOOD PLUG</i>
	<i>0</i>		<i>0</i>	<i>5</i>	<i>START DISP.</i>
<i>0330</i>	<i>200</i>		<i>18</i>	<i>5</i>	<i>PLUG DOWN</i>
					<i>CODE 50 SK. CEMENT TO BOT</i>
<i>0400</i>					<i>JOB COMPLETE</i>
					<i>THANKS - KEVIN</i>

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 25 2005
CONSERVATION DIVISION
WICHITA, KS

ORIGINAL



INVOICE NO.	Subject to Correction			FIELD ORDER	10589
Date	5-19-05	Lease	Stude	Well #	1
Customer ID		County	Pawnee	State	KS
		Depth		Formation	
				Shoe Joint	42.78'
		Casing	5 1/2" 14 #/ft	Casing Depth	4582'
				TD	4590'
		Customer Representative	L.D. Davis	Treater	Clarence R. Measdel
				Job Type	Cement-Long String New Well

CHARGE

AFE Number	PO Number	Materials Received by	X
------------	-----------	-----------------------	---

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-205	175 sk	AA-2 (common)				
D-203	25 sk	60/40 Poz (common)				
C-195	132 lb	FLA-322				
C-221	908 lb	Salt (Fine)				
C-243	17 lb	Defoamer				
C-244	42 lb	Cement Friction Reducer				
C-312	124 lb	Gas Blok				
C-321	875 lb	Gilsonite				
C-141	2 gal	CC-1				
C-302	500 gal	Mud Flush				
F-101	6 ea	Turbolizer, 5 1/2"				
F-143	1 ea	Top Rubber Cement Plug, 5 1/2"				
F-121	1 ea	Basket, 5 1/2"				
F-191	1 ea	Guide Shoe - Regular, 5 1/2"				
F-231	1 ea	Flapper Type Insert Float Valves, 5 1/2"				
E-100	50 mi	Heavy Vehicle Mileage - 1-way				
E-101	50 mi	Pickup Mileage				
E-104	468 tm	Bulk Delivery				
E-107	200 sk	Cement Service Charge				
R-209	1 ea	Casing Cement Pumper, 4,000' - 4,500'				
R-701	1 ea	Cement Head Rental				
		Discounted Price =		\$ 7,791.64		
		Plus taxes				

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 25 2005
CONSERVATION DIVISION
WICHITA, KS



ORIGINAL TREATMENT REPORT

Customer ID		Date	
Customer L.D. Drilling, Inc.		5-19-05	
Lease Stude	Lease No.	Well # 1	

Field Order # 10589	Station Pratt	Casing 5 1/2" 14#/ft.	Depth	County Pawnee	State KS.
Type Job Cement-Long String-New Well			Formation	Legal Description 27-235-17W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2" 14#/ft.	Tubing Size	Shots/Ft		Cement 175 Sacks AA-2 (common)	RATE	PRESS	ISIP	
Depth 4582'	Depth	From	To	Rate Part .2% Defoamer, .8%	Max	10% Salt,	5 Min. Friction Reducer,	
Volume 112 bbl.	Volume	From	To	PSI 5 #/skt Gilsonite 15 #	Min	Gal, 6.26 gal./skt, 1.4	10 Min. Gas Blt.,	
Max Press 1500 PSI	Max Press	From	To	Flow 25 Sacks 60/40 Poz (common) for mousey rat holes	Avg		15 Min.	
Well Connection Plug Cont.	Annulus Vol.	From	To	Flush	HHP Used		Annulus Pressure	
Plug Depth 4539'	Packer Depth	From	To		Gas Volume		Total Load	

Customer Representative L.D. Davis	Station Manager Dave Autry	Treater Clarence R. Messich		
Service Units	119	228	347	501

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:30					Trucks on location and hold Safety meeting
2:30					Petromark Drilling start to run 107jts new 14#/ft 5 1/2" casing. Run regular Guide shoe, Shoe joint with insert in collar. Run turbolizers on joints #1, 3, 5, 7, 9, 11. Run basket on top of shoe joint
4:30					Casing in well. Circulate for 20 minutes
4:50	400			6	Start ²² HCL Pre-Flush
	400		20	6	Start Mud-Flush
	400		32	5	Start H ₂ O Spacer
5:00	400		37	5	Start to mix 175 sack AA-2 Cement
			82		Stop pumping. Wash pump & line. Release plug
5:15	100			7	Start Fresh H ₂ O Displacement
5:30			110		Plug down
	1500				Pressure up
					Release pressure, Insert held
			5	3	Plug rat hole
					Washup pump truck
6:00					Job Complete
					Thanks
					Clarence R. Messich