

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 6039
Name: L. D. DRILLING, INC.
Address 1: 7 SW 26 AVE.
Address 2: _____
City: GREAT BEND State: KS Zip: 67530 + _____
Contact Person: L. D. DAVIS
Phone: (620) 793-3051
CONTRACTOR: License # 5929
Name: DUKE DRILLING CO., INC.
Wellsite Geologist: KIM SHOEMAKER
Purchaser: NCRA

Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover
 Oil _____ SWD _____ SIOW
_____ Gas _____ ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
_____ 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. _____ Conv. to SWD
_____ Plug Back: _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
2/09/09 2/017/09 2/24/09
Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date

API No. 15 - 151-22326-00-00
Spot Description: _____
SW_NW_SE_NE Sec. 14 Twp. 26 S. R. 15 East West
1800 Feet from North / South Line of Section
1000 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: PRATT
Lease Name: BARBOUR / HEMPHILL Well #: 1-14
Field Name: WILDCAT
Producing Formation: BASE KANSAS CITY
Elevation: Ground: 2034' Kelly Bushing: 2042'
Total Depth: 4660' Plug Back Total Depth: 4653'
Amount of Surface Pipe Set and Cemented at: 440 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 I nee 5-26-09
(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: _____
Title: CLERK Date: MAY 1, 2009
Subscribed and sworn to before me this 8 day of May,
20 09.
Notary Public: Sharis Bayless
Date Commission Expires: 6-02-09

NOTARY PUBLIC - State of Kansas
SHARIS BAYLESS
My Appt. Exp. 6-2-2009

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

UIC Distribution
KANSAS CORPORATION COMMISSION
MAY 11 2009

RECEIVED

Operator Name: L. D. DRILLING, INC. Lease Name: BARBOUR / HEMPHILL Well #: 1-14
 Sec. 14 Twp. 26 S. R. 15 East West County: PRATT

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: DUAL INDUCTION, DUAL COMPENSATED POROSITY, MICRORESISTIVITY, & SONIC CEMENT BOND LOG	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED
---	---

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"	28#	440'	60/40 POZMIX	400	2%Gel,3%CC,1/4#CF
PRODUCTION	7 7/8"	4 1/2"	10.5#	4657'	60/40 POZMIX	200	2%Gel,5%FR,8%Salt
RATHOLE					60/40 POZMIX	25	

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
	4153 - 4160'	1000 gal 15% HCL	
KANSAS CORPORATION COMMISSION			
MAY 11 2009			
RECEIVED			

TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>4241'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. MARCH 1, 2009	Producing Method: <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. <u>5</u>	Gas Mcf	Water Bbls. <u>Trace</u>	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	---	--

DAILY DRILLING REPORT

OPERATOR: **L.D. DRILLING, INC.** LEASE: **BARBOUR/HEMPHILL #1-14**
 SW NW SE NE Sec 14-26-15
 WELLSITE GEOLOGIST: Kim Shoemaker Pratt Co., KS

CONTRACTOR: Duke Drilling Co. ELEVATION: GR: 2034'
 KB: 2042'

SPUD: 2/09/09 @ 4:00 P.M. PTD: 4650'

SURFACE: Ran 10 jts 28# 8 5/8" Surface Casing, Tally 424', Set @ 440', w/ 400 sx
 60/40 Pozmix, 2% Gel, 3% CC, 25 sx Cellflake, Plug Down @ 11:45 P.M.
 Did Circulate, by Basic Energy, 1/4 degree @ 440'

2/09/09 Move in and Rig up
 2/10/09 440' WOC
 2/11/09 1395' Work on Mud Pump
 2/12/09 2581' Drilling
 Survey: 1/4 degree @ 1581', 2078', & 2581'
 2/13/09 3500' Drilling
 2/14/09 4230' Drilling
 2/15/09 4361' Drilling - 3/4 degree @ 4361'
 2/16/09 4434' Drilling
 2/17/09 4600' Drilling ahead for Log
 2/18/09 4660' RTD

Set 110 jts 10.5# 4 1/2" Production Casing,
 Tally 4657', Set @ 4657' w/ 200 sx 60/40 Pozmix
 2% Gel, 5% Friction Reducer, 8% Salt, 5# Gilsonite
 25 sx 60/40 Pozmix in Rathole & Mousehole
 by Basic Energy on 2/18/09, Plug Down @ 5:30 A.M.

DST #1 4246 - 4361' Marmaton/Mississippi

TIMES: 30-45-50-60
 BLOW: 1st Open: strong 3" blow bb in 6 min
 2nd Open: strong 4" blow bb in 17 min
 RECOVERY: 465'gip, 30'vsocm(1%o,99%m)
 IFP: 22-24 ISIP: 199
 FFP: 27-24 FSIP: 303
 TEMP: 116 degrees

DST #2 4140 - 4164' Lansing/Kansas City

TIMES: 30-45-45-60
 BLOW: 1st Open: strong blow bb in 1 min
 2nd Open: strong blow bb instantaneously
 RECOVERY: 3920'gip, 10'sgocm(6%g,19%o,75%m)
 60'sgvhocm(2%g,48%o,50%m);60'smhocg(50%g,
 38%o,12%m);65'swsmco(78%o,14%w,8%m)
 IFP: 31-57 ISIP: 1186
 FFP: 69-100 FSIP: 1144
 TEMP: 118 degrees

DST #3 4387 - 4434' Viola

TIMES: 30-45-45-60
 BLOW: 1st Open: weak surface blow bld to 8 1/2"
 2nd Open: 1/2" building to 6'
 RECOVERY: 65' sg,so,swcm(10%g,3%o,5%w
 82%m)
 IFP: 33-37 ISIP: 1287
 FFP: 39-45 FSIP: 1438
 TEMP: 118 degrees

KANSAS CORPORATION COMMISSION

**MAY 11 2009
 RECEIVED**

DAILY DRILLING REPORT

OPERATOR: L.D. DRILLING, INC. LEASE: BARBOUR/HEMPHILL #1-14
SW NW SE NE Sec 14-26-15
WELLSITE GEOLOGIST: Kim Shoemaker Pratt Co., KS
CONTRACTOR: Duke Drilling Co. ELEVATION: GR: 2034'
KB: 2042'
SPUD: 2/09/09 @ 4:00 P.M. PTD: 4650'

DST #4 4430 - 4450' Viola
TIMES: 30-30-30-30
BLOW: 1st Open: weak blow bldg to 2"
2nd Open: weak blow bldg to 1/2"
RECOVERY: 10' Mud (100% Mud)
IFP: 22-18 ISIP: 35
FFP: 17-20 FSIP: 36
TEMP: 110 degrees

<u>SAMPLE TOPS:</u>		<u>LOG TOPS:</u>			
Anhy	Top	1002	(+1040)	1002	(+1040)
Anhy	Base	1020	(+1022)	1020	(+1022)
Heebner		3701	(-1659)	3702	(-1660)
Brown Lime		3853	(-1811)	3854	(-1812)
Lansing		3877	(-1835)	3883	(-1841)
Base Kansas City		4202	(-2160)	4201	(-2159)
Mississippi		4317	(-2275)	4317	(-2275)
Kinderbook Chert		4383	(-2341)		
Viola		4383	(-2341)	4383	(-2341)
Simpson		4570	(-2528)	4568	(-2526)
Arbuckle		4648	(-2606)	4650	(-2608)
RTD		4660	(-2618)	4662	(-2620)

BASIC

energy services, L.P.

FIELD ORDER 19287

Subject to Correction

Date	2-18-09	Customer ID	Lease	Barbour-Hemphill	Well #	1-14	Legal	14-265-15W
			County	Pratt	State	KS	Station	Pratt
C H A R G E	L.D. Drilling, Incorporated		Depth		Formation		Shoe Joint	13 Feet
			Casing	4 1/2 10.5Lb	Casing Depth	4,659 Ft.	TD	4,660 Ft.
			Customer Representative	Steve Stephens	Treater	Clarence R. Messick	Job Type	C.W. - Longstring

AFE Number		PO Number	Materials Received by	X <i>Steve Stephens</i>	DL5
------------	--	-----------	-----------------------	-------------------------	-----

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP103	200sk	60/40 Poz		\$2,400.00
P	CP103	25sk	60/40 Poz		\$ 300.00
P	CC111	1,772Lb	Salt (Fine)		\$ 886.00
P	CC112	86Lb	Friction Reducer		\$ 516.00
P	CC201	1,000Lb	Gilsonite		\$ 670.00
P	C704	1Gal	CS-1 L		\$ 35.00
P	CC151	500Gal	Mud Flush		\$ 430.00
P	CF102	1ea	Top Rubber Plug, 4 1/2"		\$ 80.00
P	CF250	1ea	Regular Guide Shoe, 4 1/2"		\$ 225.00
P	CF1450	1ea	Insert Float Valve, 4 1/2"		\$ 200.00
P	CF1650	6ea	Turbolizer, 4 1/2"		\$ 510.00
P	E101	40mi	Heavy Equipment Mileage		\$ 280.00
P	E113	194tm	Bulk Delivery		\$ 310.40
P	E100	20mi	Pickup Mileage		\$ 85.00
P	CE240	225sk	Blending and Mixing service		\$ 315.00
P	5003	1ea	Service Supervisor		\$ 175.00
P	CE205	1ea	Pump Charge: 4,001 Feet To 5,000 Feet		\$2,520.00
P	CE504	1 Job	Plug Container		\$ 250.00

Discounted Price = **KANSAS CORPORATION COMMISSION** \$ 7,334.93
 Plus Taxes
MAY 11 2009
RECEIVED

Customer L.D. Drilling, Incorporated	Lease No. Barbour-Hemphill	Date 2-18-09
Field Order 1,287	Station Pratt	Well # 1-14
Type Job C.N.W. - Longstring	Formation	Legal Description 14-265-15W
Casing 4 1/2"	Depth 10.5 Lb./Ft.	County Pratt
State KS		

4 1/2" PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft	Rate	Pressure	ISIP	Friction	
1.659 Feet		200 Sacks 60/40 Poz with 28 Gel	58		5 Min.		
Depth	Depth	From	Reduce 88 Salt, 5 Lb./Sk. Gilsonite	Max	5 Min.		
74 Bbl.	Volume	From	To 5.4 Lb./Gal., 4.29 Gal./Sk., 1.18 CU.FT.	Min	10 Min.		
Max Press 1,500 P.S.I.	Max Press	From	To 25 sacks 60/40 Poz top plug Rat and Mouse holes.	Avg	15 Min.		
Well Connection Plug container	Annulus Vol.	From	To	HHP Used		Annulus Pressure	
Plug Depth 4,840 Feet	Racker Depth	From	To	Flush	74 Bbl. Fresh Water	Gas Volume	Total Load

Customer Representative Steve Stephens	Station Manager David Scott	Treater Clarence R. Messick
---	--------------------------------	--------------------------------

Service Units	19,870	19,903	19,905	19,960	19,918				
Driver Names	Messick	Rovsch	Phye						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00					Trucks on location and hold safety meeting.
2:05					Duke Drilling start to run Regular Guide Shoe, Shoe Joint with Auto-Fill. Insert screwed into collar and a total of 110 Joints new 10.5 Lb./Ft. 4 1/2" casing. Ran Turbolizers on Collars # 1, 3, 5, 7, 9 and # 11.
3:50					Casing in well. Circulate for 1 hour.
5:00	350		6	5	Start 28 KCL Pre-Flush.
	300		20	5	Start mud Flush.
	300		32	5	Start Fresh Water Spacer.
	300		37	5	Start mixing 200 sacks 60/40 Poz cement.
	-0-		79		Stop pumping. Shut in well. Wash pump and lines. Release Top Rubber Plug. Open Well.
5:20	150		62	6.5	Start Fresh Water Displacement.
			74	5	Start to lift cement.
5:36	500				Plug down.
	1,500				Pressure up.
					Release pressure. Insert held.
	-0-		4-3	3	Plug Rat and Mouse holes.
					Wash up pump truck.
6:15					Job Complete.
					Thank You.
					Clarence, Chad, Dale

KANSAS CORPORATION COMMISSION

MAY 11 2009

RECEIVED

BASIC

energy services, L.P.

FIELD ORDER 19284

Subject to Correction

Date	2-00-09	Customer ID	Lease	Barbour-Hemphill	Well #	-14	Legal	4-265-15W
			County	Pratt	State	KS	Station	Pratt
C H A R G E	L.D. Drilling, Incorporated		Depth		Formation		Shoe Joint	36 Feet
			Casing	8 5/8" 28lb	Casing Depth	439ft	TD	440ft
			Customer Representative	Steve Stephens	Treated	Clarence R. Messick	Job Type	C.N.W.-Surface

AFE Number		PO Number	Materials Received by	X <i>Steve Stephens</i>	DLS
------------	--	-----------	-----------------------	-------------------------	-----

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	CP103	400sk	60/40 Poz	/	\$ 4,800.00
P	CC102	100Lb	Cellflake	/	\$ 370.00
P	CC109	1,032Lb	Calcium Chloride	/	\$ 1,083.60
P	CF105	1ea	Top Rubber Plug, 8 5/8"	/	\$ 225.00
P	CF753	1ea	Aluminum Baffle Plate, 8 5/8"	/	\$ 170.00
P	E101	40mi	Heavy Equipment Mileage		\$ 280.00
P	E113	344tm	Bulk Delivery		\$ 550.40
P	E100	20mi	Pickup Mileage		\$ 85.00
P	CE240	400sk	Blending and Mixing Service		\$ 560.00
P	5003	1ea	Service Supervisor		\$ 175.00
P	CE200	1ea	Pump Charge: 0 Feet To 500 Feet		\$ 1,000.00
P	CE504	1Job	Plug Container		\$ 250.00
Discounted Price =				KANSAS CORPORATION COMMISSION	\$ 6,875.28
Plus Taxes				MAY 11 2009	
				RECEIVED	

Customer: L.D. Drilling, Incorporated	Lease No.:	Date: 2-09-09
Lease: Barbour-Hemphill	Well #: 1-14	
Field Order #: 4284	Station: Pratt	Casing: 8 7/8 28Lb. Depth: 439Ft. County: Pratt State: KS
Type Job: C.N.W. - Surface	Formation:	Legal Description: 14-265-15W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size: 8 7/8	Tubing Size: 28 Lb./Ft.	Shots/Ft: 400	Sacks: 5	Size: 60/40	Rate: Poz with	PRESS: 25 Lb./sk.	ISIP: 5 Min.	Cellflake
Depth: 439 Feet	Depth:	From: 286	To: 286	Fluid: 38 Calcium Chloride	Max: 1.25 cu. Ft./sk.	Min: 1.25 cu. Ft./sk.	10 Min.	
Volume: 2.4 Bbl.	Volume:	From: 14.7	To: 14.7	Gal.: 5.7	Avg: 1.25		15 Min.	
Max Press: 350 P.S.I.	Max Press:	From: /	To: /		HHP Used:			Annulus Pressure
Wall Connection: Plug Container	Annulus Vol.:	From: /	To: /					
Plug Depth: 40 Feet	Racker Depth:	From: /	To: /	Flush: 25.2 Bbl.	Gas Volume: Water			Total Load

Customer Representative: Steve Stephens	Station Manager: David Scott	Treater: Clarence R. Messick		
Service Units: 19,870	19,903	19,905	19,832	21,010
Driver Names: Messick	Mattal	LaChance		

Time	P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:30						Trucks on location and hold safety meeting.
10:15						Duke Drilling start to run shoe joint with Aluminum Baffle Plate screwed into collar and a total of 10 Joints 28Lb./Ft. 8 7/8 casing.
11:20						Casing in well. Circulate for 10 minutes.
11:30		250			5	Start Fresh Water Pre-Flush.
		250		10	5	Start mixing 400 sacks 60/40 Poz cement.
		200		100		Stop pumping. Shut in well. Release top rubber plug. Open well.
11:50		200			5	Start Fresh Water Displacement.
11:55		350		25		Plug down. Shut in well.
						Circulated 15 sacks cement to pit.
						Wash up pump truck.
						Job Complete.
						Thank You.
						Clarence, Milre, Billy, Stephen

KANSAS CORPORATION COMMISSION

MAY 11 2009

RECEIVED