## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION



## **WELL COMPLETION FORM** -**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License #_33936	API No. 15 - 077-2166 00-00
Name: Charles N. Griffin	Spot Description:
Address 1: P.O. Box 347	sw_ne_nw_sec. 26 _Twp. 34 _s. R. 9 East \(  \) West
Address 2:	990 Feet from North / South Line of Section
City: Pratt State: KS Zip: 67124 + 0347	3717 Feet from 🗾 East / 🗌 West Line of Section
Contact Person: Charles Griffin	Footages Calculated from Nearest Outside Section Corner:
Phone: (720 ) 490-5648	✓ NE □NW □SE □SW
CONTRACTOR: License # 34233	County: Harper
Name: Duke Drilling Co., LLC	Lease Name: Koblitz Well #: 3
Wellsite Geologist: Bruce Reed	Field Name: Hibbord
Purchaser: Plains	Producing Formation: Mississippi
Designate Type of Completion:	Elevation: Ground: 1271' Kelly Bushing: 1282'
New Well Re-Entry Workover	Total Depth: 4800' Plug Back Total Depth: 4764'
Oil SWD SIOW ∘	Amount of Surface Pipe Set and Cemented at: 224' Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set: Feet
Dry Other	If Alternate II completion, cement circulated from:
(Core, WSW, Expl., Cathodic, etc.)	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan AH I NW 3-30-10 (Data must be collected from the Reserve Pit)
Well Name:	, '
Original Comp. Date: Original Total Depth: Conv. to SWD	Chloride content: ppm Fluid volume: bbls
Plug Back:Plug Back Total Depth	Dewatering method used:
Commingled Docket No.:	Location of fluid disposal if hauled offsite:
Dual Completion	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
1/8/10 1/16/10 1/22/10	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workover or of side two of this form will be held confidential for a period of 12 months if re	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information equested in writing and submitted with the form (see rule 82-3-107 for confidence) report shall be attached with this form. ALL CEMENTING TICKETS MUST form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulate are complete and correct to the best of my knowledge.	the oil and gas industry have been fully complied with and the statements herein
Signature:	KCC Office Use ONLY
0/00/40	• /
Subscribed and sworn to before me this 22 day of March	Letter of Confidentiality Received RECEIVED RANSAS CORPORATION COMMISSION  If Denied, Yes Date:
20 10	Wireline Log Received MAR 2.5 2010
	Geologist Report Received 73-25-10
Notary Public: George 1 September 2 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5 A	ACK CONTRACTOR OF THE CONTRACT
Date Commission Expires: 2/15/2 P12	or Ransas

Onera	perator Name: Charles N. Griffin					Lease Name: Koblitz			well #: 3		
	26 <sub>Twp.</sub> 34 <sub>S. R.</sub> 9			County	,: Harr	er			***************************************		
INSTF	RUCTIONS: Stool open and clery, and flow rate	now important tops a osed, flowing and sh	nd base of ut-in press est, along	formations per ures, whether s	shut-in pres	sure rea	ched static le	vel, hydrostatic	pressures, bottom	s giving interval tested, n hole temperature, fluid Electric Wireline Logs	
	tem Tests Take		ΘY	es No		₽L	og Forma	ation (Top), Dep	th and Datum	Sample	
·	Attach Additional es Sent to Geo	Sheels) ological Survey	<b>⊘</b> Y	′es □No		Nam KCL			Top 4067'	Datum -2785'	
	Taken		□ Y			Star			4215'	-2933'	
	c Log Run Submit Copy)		Y	es No		1	rokee		4477'	-3195'	
List Al Dua Dua	List All E. Logs Run: Dual Induction Dual Compensated Porosity Sonic Cement Bond					Miss	sissippi		4579'	-3297'	
			Ren	CASING ort all strings set-	RECORD	Ne Urface into		luction etc			
P	urpose of String	Size Hole Drilled	Siz	ze Casing t (In O.D.)	Wei	ght	Setting Depth	Type o		Type and Percent Additives	
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Purp	Perforate Protect Casing	Depth Top Bottom	Турє	pe of Cement #Sacks Use			Type and Percent Additives				
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Sh	ots Per Foot			RD - Bridge Plug Each Interval Pen			Acid,		ement Squeeze Rec of Material Used)	ord Depth	
3		4596'-4612'				2000 Gallons 10% HCL					
		Management							KANSAS CORPOR	ATION COMMISSION	
					·				MAR S	<b>2</b> 5 2010	
					<del></del>				CONSERV	ATION DIVISION HITA, KS	
TUBIN	IG RECORD:	Size: 7/8"	Set At: 4638'		Packer A	t:	Liner Run:	Yes •	√ No	11114115	
Date o		Production, SWD or En	hr.	Producing Meth	nod:	Flowing	) Pun	nping G	as Lift O	ther (Explain)	
	ted Production or 24 Hours	Oil 32	Bbls.	Gas <b>tstm</b>	Mcf	Wate	er 12	Bbls.	Gas-Oil Ratio	Gravity <b>34</b>	
	<b></b>			-		00115: =	7101				
	ented Sold	ON OF GAS: Used on Lease			AETHOD OF		_	Commingled	4596'-4612	ION INTERVAL:	
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To: 16205942274



FIELD SERVICE ORDER NO.

10244 NE Hwy. 61 P.O. Bax 8613 Prutt, Kansas 67124 Phone 620-672-1201

## PIELD SERVICE TICKET 1096 A 1718

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		MANAGOM	المامات	١١	LEASE K	-64	<i>†</i> 2		3	WELL NO.
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AUTHORIZED BY	<del></del>				JOB TYPE:		855 5		BYAG	AM TIME
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			+			†	MILES PROM	A STATION TO	WELL	65
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CONTRACT CONDITIONS (This contract must be eighed before the job is commenced or merchandise is delivered)

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract as an agent of the customer as such, the undersigned agrees and acknowledges that this contract as an agent of the customer and acknowledges that this contract as an agent of the undersigned agrees and acknowledges that this contract as an agent of the undersigned agrees and acknowledges that this contract as an agent of the undersigned agrees and acknowledges that this contract as an agent of the undersigned agrees and acknowledges that this contract as an agent of the undersigned agrees and acknowledges that this contract to services, materials, and/or supplies includes all of and only those terms and conditions appearing on the trent and back of this document, No additional or substitute terms and/or conditions shall be undersigned agrees. become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT) **S AMOUNT** UNIT PRICE UNIT QUANTITY MATERIAL, EQUIPMENT AND SERVICES USED 800 æ **a** modern ont 00 9/0 F JUN 2 ص ع . 000 14 CH DOO RECEIVED KANSAS CORPORATION COMMISSION MAR 25 2010 CONSERVATION DIVISION WICHITA, KS SUB TOTAL CHEMICAL / ACID DATA: SERVICE & EQUIPMENT %TAX ON \$ %TAX ON S MATERIALS

> THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY

(WELL OWNER APERATOR CONTRACTOR OR AGENT)

# BASIC PROPERTY SERVICES LA

## TREATMENT REPORT

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10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

## MULTISERVICE TICKET 1265 A 1718

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CONTRACT CONDITIONS (This contract must be signed before the job is commenced or merchandise is delive

The undersigned is authorized to execute this contract as an egent of the customer. As such, the undersigned agrees and asknowledges that this contract for services, motorials products, and/or supplies includes all of and only tines terms and conditions appearing on the front and back of this document. No additional or subditions forms and/or conditions appearing on the front and back of this document. No additional or subditions forms and/or conditions appearing on the front and back of this document. become a part of this contract without the written consent of an citicer of Basic Energy Services LP.

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT) **\$ AMOUNT** ITEM/PRICE REF. NO UNIT PRICE QUANTITY MATERIAL, EQUIPMENT AND SERVICES USED UNIT 00 CP105 50 sk CP103 Cement 979 triction Keducer CC Gilsonite 20 Ga Claymax 500 Down Plus and Da 60 607 29 ٥eq 30 M ing and Mixing Service Super visor Service. 520 m 20 **SUB TOTA** RECEIVED KANSAS COMPORATION COMMISSION CHEMICAL / ACID DATA: %TAX ON \$ SERVICE & EQUIPMENT %TAX ON S MATERIALS MAR 25 2010 TOTAL CONSERVATION DIVISION

WICHITA, KS THE ABOVE MATERIAL AND SERVICE BERDERED BY CUSTOMER AND RECEIVED BY, REPRESENTATIVE DELMA R M (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

To: 16205942274

# BASIC energy services LE

## TREATMENT REPORT

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## **DRILLING INFORMATION** AND GEOLOGICAL REPORT

Operator:

Charles N. Griffin

Lease:

Koblitz #3

Survey:

SW NE NW

Section 26-34S-9W

Field:

Hibbord

County:

Harper

State:

Kansas

Contractor:

Duke Drilling, Rig 10

Elevation:

1271' GL / 1282' KB

Surface Casing:

8-5/8" @ 224'

Production:

5-1/2"

Mud Up:

3417'

Geologist:

4470'

Pipe Strap:

Strap @ 4420' (-0.66 to the board)

Survey:

Straight hole @ 4420' (1-1/4 degree deviation)

Testing:

Trilobite (2)

Log:

**Dual Compensated Porosity / Dual Induction** 

Detail:

3300' to RTD

RTD:

4800'

LTD:

4801'

## **Daily Penetration**

01/09/10 Spud 228' 01/10/10 1539' 01/11/10 01/12/10 2764' 01/13/10 3705' 01/14/10 4444' 01/15/10 4625' 01/16/10 4721' 4800' 01/17/10

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MAR 25 2010

CONSERVATION DIVISION WICHITA, KS



#### **Drill Stem Tests**

DST #1 4594' to 4625'. Strong blow on the initial flow period. Strong blow, gas to surface in 2 minutes of the second flow period. Recovered: 60' GOCM (26% gas, 30% oil and 44% mud), 90' GMCWO (12% gas, 55% oil, 23% water and 10% mud). IFP/30" 42-42#, ISIP/45" 1668#, FFP/60" 43-59#, FSIP/60" 1706#.

<u>DST #2 4628' to 4646'</u>. Fair blow building to a strong blow on the initial flow period. Strong blow throughout the second flow period. Recovered: 1,640' Gas in Pipe, 45' GOCMW (6% gas, 15% oil, 15% water and 64% mud). IFP/30" 33-25#, ISIP/45" 709#, FFP/30" 29-32, FSIP/60" 682#.

### **Formation Tops**

<u>Formation</u>	Sample Top	<u>Datum</u>	Log Top	<u>Datum</u>	Structural Comparison*
Kansas City	4067'	-2785	4065′	-2783	-7
Stark	4215'	-2933	4216'	-2934	-9
B/KC	4305'	-3023	4305'	-3023	-8
Labette	4465'	-3183	4466'	-3184	-8
Cherokee	4477'	-3195	4477'	-3195	-5
Mississippi	4579'	-3297	4580'	-3295	-3

<sup>\*</sup>Reference well for structural comparison: Charles N. Griffin, #1 Koblitz, NW NE NW of Section 26-34-9W, Harper County, Kansas

## Zones of Interest

4598′-4608′

Mississippi Formation. Dolomitic limestone and dolomite: white, brown to light gray, fine crystalline, sucrosic to granular. There were a few pieces of mottled white to gray chert. Fair visible inter-crystalline and poor pinpoint porosity. There was no odor in the fresh sample with a very slight showing of free oil (scum) and light indication of gas bubbles. This section was covered in DST #1.

4629'-4641'

<u>Mississippi Formation</u>. Dolomite: cream, white to brown, more medium crystalline with some scattered fair vuggy porosity. There was an odor in the fresh sample with few spots of live brown oil to a rainbow showing of oil. Scattered pieces of vitreous chert. This section was covered in DST #2.

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MAR 25 2010

CONSERVATION DIVISION WICHITA, KS



### **Comments and Recommendations**

All tops have been corrected to the electric log for structural comparison. This well ran structurally lower than the producer to the north. Commercial shows of oil and gas were recovered from Drill Stem Test #1 from 4594' to 4625' in the primary producing formation that has developed in the offset wells.

It is therefore recommended that an oil string of casing be run to further test this well through selected perforations. From the electric log analysis, the zone of interest should be perforated from 4596' to 4608'.

Respectfully submitted,

–Bruce A. Reed – Well site Geologist

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MAR **25** 2010

CONSERVATION DIVISION WICHITA, KS