

Kansas Corporation Commission Oil & Gas Conservation Division 1096714

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

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

OPERATOR: License # 33936	API No. 15 - 15-077-21844-00-00
Name: Griffin, Charles N.	Spot Description: NW/4 SWNESENW
Address 1: PO BOX 347	SW_NE_SE_NW Sec. 26 Twp. 34 S. R. 9 ☐ East ✓ West
Address 2:	
City: PRATT State: KS Zip: 67124 + 0347	
Contact Person: Charles N Griffin	Footages Calculated from Nearest Outside Section Corner:
Phone: ( 620 ) 672-9700	✓ NE □NW □SE □SW
CONTRACTOR: License # 34484	County: Harper
Name: Fossil Drilling, Inc.	Lease Name: KOBLITZ Well #: 6X
Wellsite Geologist: Bruce Reed/TerraTech Energy LLC	Field Name: Hibbord
Purchaser:	Producing Formation: Mississippi
Designate Type of Completion:	Elevation: Ground: 1274 Kelly Bushing: 1282
✓ New Well Re-Entry Workover	Total Depth: 4754 Plug Back Total Depth:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW	Amount of Surface Pipe Set and Cemented at: 265 Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✔ No
✓ OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt
If Workover/Re-entry: Old Well Info as follows:	icet depirite.
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: 9500 ppm Fluid volume: 640 bbls
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Chloride content: 9000 ppm Fluid volume: 640 bbls  Dewatering method used: Hauled to Disposal
Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name: Bemco LLC
Dual Completion Permit #:	Lease Name: Cole SWD License #: 32613
SWD Permit #:	Quarter NW Sec. 25 Twp_32 S. R. 12 East West
ENHR Permit #:	County: Barber Permit #: D-19886
GSW Permit #:	County. Permit #:
05/27/2012 06/03/2012 06/04/2012	
Spud Date or Pate Reached TD Completion Date or Recompletion Date  Completion Date Recompletion Date	

#### **AFFIDAVIT**

I am the affiant and I hereby certify that 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.

**Submitted Electronically** 

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
<b>✓</b> Wireline Log Received
Geologist Report Received
UIC Distribution
ALT JI JII Approved by: Deanna Garrisox Date: 11/21/2012

Side Two



Operator Name: Griff	in, Charles N.			Lease N	Name: _	KOBLITZ		Well #:6X		·
Sec. 26 Twp. 34	s. R. <u>9</u>	East	✓ West		Harp					
INSTRUCTIONS: Sho time tool open and clos recovery, and flow rates line Logs surveyed. At	sed, flowing and shu s if gas to surface te	it-in pressi est, along v	ures, whether s with final chart(	hut-in press	sure read	ched static level,	hydrostatic pres	sures, bottom h	ole temp	perature, fluid
Drill Stem Tests Taken (Attach Additional St	heetsl	<b>✓</b> Y	es 🗌 No		L	og Formatio	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geolo	•	₹ Y	es No		Nam			Тор		Datum
Cores Taken	· ·		_		Kansa Stark	•		4069 4218		2787 2936
Electric Log Run		₹ Y	es 🔲 No		B/KC	Silaie		4308		3026
Electric Log Submitted (If no, Submit Copy)	-	<b>√</b> Ye	esNo		Chero	kee		4487		3205
List All E. Logs Run:					Missis			4608		3326
Compensated Density Neut Dual Induction	iron									
		Repo		RECORD	✓ Ne urface, inte	ew Used	ion, etc.			
Purpose of String	Size Hole Drilled	Siz	ze Casing t (In O.D.)	Weig	ght	Setting Depth	Type of Cement	# Sacks Used		and Percent
Surface	12.25	8.625	- (	23		265	Common	200.		
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks				Percent Additives		
Perforate Protect Casing				-						
Plug Back TD Plug Off Zone	-									····
	-									
Shots Per Foot			RD - Bridge Plug Each Interval Per				cture, Shot, Cemer mount and Kind of M		i	Depth
							, 100-11			
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:	Yes No	)		
Date of First, Resumed F	Production, SWD or EN	IHR.	Producing Met	hod:	g 🗆	Gas Lift (	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio		Gravity
DISPOSITIO	N OF GAS:		·	METHOD OF	COMPLE	ETION:		PRODUCTIO	ON INTER	
Vented Sold	Used on Lease		Open Hole	Perf.			mmingled			
(If vented, Subr			Other (Consist)		(Submit i	4CO-5) (Sub	mit ACO-4)			



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

# FIELD SERVICE TICKET

1718 06236 A

DATE OF SOOT DISTRICT PARTY					NEW OLD PROD INJ WDW CUSTOMER ORDER NO.:								
CUSTOMER 6	1.77.	marryon	ent		LEASE \	اماتة	34 2 11º	100		WELL NO.	6		
ADDRESS				ile k	COUNTY A STATE AS								
CITY		STATE	A.	7/1 /8 - 31	Action in the second second	No. of Street,	يارك رحال	J. L. J. C.	1				
AUTHORIZED BY			1 1 1		JOB TYPE:			5000					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQU	JIPMENT#	HRS	TRUCK CALLE		DATI	E AM TII	IME		
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# FIELD SERVICE TICKET

1718 06240 A

DATE OF LIVE DISTRICT PLAN					NEW WELL PROD INJ WDW CUSTOMER NO.:									
000		Marajos	ne, t		LEASE YOUNG WELL NO.C. F.									
ADDRESS		17.5515.54			COUNTY	Carl Carl	la e, lè	STATE	R. 5					
					SERVICE CF	REW (	Visio M	. V. Let	V Ver	ing Contract				
CITY STATE					JOB TYPE:	- 4	0.4	A						
AUTHORIZED BY		COLUMN TENTA	HRS	FOI	JIPMENT#	HRS	TRUCK CALLE	D /	DATE	AM TIP	ME			
EQUIPMENT#	HRS	EQUIPMENT#	nno	EQ	JIF WILLIAT #	11110	ARRIVED AT J		44 - 1	AM /				
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							RELEASED	· ·		AM AM				
		100					MILES FROM	STATION TO	O WELL	(g) (5)				
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ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES US			SED	UNIT	QUANTITY	UNIT PR	IICE	\$ AMOU	NT				
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Prepared For: Charles N. Griffin

PO Box 347 Pratt KS 67124

ATTN: Bruce Reed

### Koblitz #6x

### 26-34s-9w Harper, KS

Start Date: 2012.06.02 @ 18:21:48
End Date: 2012.06.03 @ 03:09:33
Job Ticket #: 47542 DST #: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

ORIGINAL
Printed: 2012.06.08 @ 14:36:17



Charles N Griffin

26-34s-9w Harper, KS

PO Box 347

Koblitz #6x

Pratt KS 67124

Job Ticket: 47542

**DST#: 1** 

ATTN: Bruce Reed

Test Start: 2012.06.02 @ 18:21:48

#### **GENERAL INFORMATION:**

Time Tool Opened: 20:56:18

Formation:

Miss.

Deviated:

Whipstock: No

ft (KB)

Test Type: Conventional Bottom Hole (Initial) Tester:

Gary Pevoteaux

Time Test Ended: 03:09:33

Unit No:

1282.00 ft (KB)

Reference Elevations:

1274.00 ft (CF)

KB to GR/CF:

PRESSURE SUMMARY

130.86 End Shut-In(2)

131.75 Final Hydro-static

8.00 ft

Interval: Total Depth:

Start Date:

Start Time:

Hole Diameter:

Press@RunDepth:

4609.00 ft (KB) To 4634.00 ft (KB) (TVD)

4634.00 ft (KB) (TVD)

7.88 inchesHole Condition: Fair

Serial #: 8352

Inside

14.44 psig @

2012.06.02

18:21:53

4610.00 ft (KB) End Date: End Time:

2012.06.03 03:09:33

191

192

521.20

2290.06

Capacity:

8000.00 psig

Last Calib.: Time On Btm: 2012.06.03

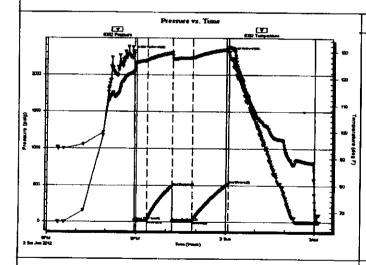
Time Off Btm:

2012.06.02 @ 20:53:48 2012.06.03 @ 00:05:48

TEST COMMENT: IF:Strong blow . B.O.B. in 2 - 3 secs.

ISI:No blow .

FF:Strong blow . B.O.B. in 2 secs. FSI:Weak blow . 1/2" decreasing.



Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2301.59	122.26	Initial Hydro-static
3	17.61	122.38	Open To Flow (1)
28	18.18	126.70	Shut-In(1)
78	490.78	129.62	End Shut-In(1)
79	9.24	129.35	Open To Flow (2)
119	14.44	127.69	Shut-In(2)

Recovery

Length (ft)	Description	Valume (bbl)
25.00	Drig.mud	0.12
0.00	2105 ft.of GIP	0.00
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Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 47542

Printed: 2012.06.08 @ 14:36:18



Charles N. Griffin

26-34s-9w Harper, KS

PO Box 347 Pratt KS 67124

Koblitz #6x

Job Ticket: 47542

**DST#: 1** 

ATTN: Bruce Reed

Test Start: 2012.06.02 @ 18:21:48

### GENERAL INFORMATION:

Time Tool Opened: 20:56;18

Time Test Ended: 03:09:33

Formation:

Miss. No

Deviated:

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Gary Pevoteaux

Unit No:

Reference Elevations:

1282.00 ft (KB)

1274.00 ft (CF)

KB to GR/CF:

8.00 ft

Interval:

4609.00 ft (KB) To 4634.00 ft (KB) (TVD)

Total Depth: Hole Diameter:

4634.00 ft (KB) (TVD)

7.88 inchesHole Condition: Fair

Serial #: 8370

Outside

Press@RunDepth:

psig @ 2012.06.02

4610.00 ft (KB) End Date:

2012.06.03

Capacity: Last Calib.: 8000.00 psig

2012.06.03

Start Date: Start Time:

18:18:11

End Time:

03:07:36

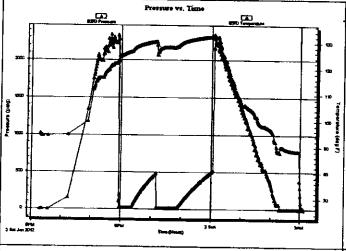
Time On Btm.

Time Off Btm:

TEST COMMENT: IF:Strong blow , B.O.B. in 2 - 3 secs.

ISI:No blow.

FF:Strong blow . B.O.B. in 2 secs. FSI:Weak blow . 1/2" decreasing.



Description	Volume (bb)		
Drig.mud	0.12		
2105 ft.of GIP	0.00		
	Drig.mud		

PRESSURE SUMMARY

Gas Rates

Choke (inches) Pressure (psig) Gas Rale (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 47542

Printed: 2012.06.08 @ 14:36:18



Length:

### DRILL STEM TEST REPORT

**TOOL DIAGRAM** 

Charles N. Griffin

26-34s-9w Harper,KS

PO Box 347 Pratt KS 67124

Koblitz #6x
Job Ticket: 47542

DST#:1

ATTN: Bruce Reed

Test Start: 2012.06.02 @ 18:21:48

**Tool Information** 

Drill Collar:

Drill Pipe: Length: Heavy Wt. Pipe: Length:

Length: 4495.00 ft Diameter: Length: 0.00 ft Diameter:

120.00 ft Diameter:

3.80 inches Volume: 63.05 bbf 0.00 inches Volume: 0.00 bbf 2.25 inches Volume: 0.59 bbf

Total Volume:

Tool Weight: 2400 00 lb Weight set on Packer: 24000.00 lb

Drill Pipe Above KB:

26.00 ft

Weight to Pull Loose: 76000.00 lb Tool Chased 0.00 ft

Depth to Top Packer:

4609.00 ft

Tool C

63.64 bbl

String Weight: Initial 59000.00 to

Depth to Bottom Packer: Interval between Packers: ft 25.00 ft String

Final 59000.00 lb

Tool Length: Number of Packers: 45.00 ft

2 Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
C.O. Sub	1.00	,	<del></del>	4590.00		
Shut in tool	5.00			4595.00		
HMV	5.00			4600.00		
Packer	4.00			4604.00	20.00	Bottom Of Top Packer
Packer	5.00			4609.00		
Stubb	1.00			4610.00		
Recorder	0.00	8352	Inside	4610.00		
Recorder	0.00	8370	Outside	4610.00		
Perforations	19.00			4629.00		
Bullnose	5.00			4634.00	25.00	Bottom Packers & Anchor
Total Tool Length	: 45.00					



**FLUID SUMMARY** 

Charles N. Griffin

26-34s-9w Harper,KS

PO Box 347 Pratt KS 67124

Koblitz #6x

fŧ

bbl

psig

Job Ticket: 47542

DST#: 1

ATTN: Bruce Reed

Test Start: 2012.06.02 @ 18:21:48

### Mud and Cushion Information

Mud Type: Ge! Chem Mud Weight:

9.00 fb/gat

Viscosity: 46.00 sec/qt

Water Loss: Resistivity:

12.78 in<sup>3</sup> 0.00 ohm.m

Salinity: Filter Cake: 9500.00 ppm 0.20 inches **Cushion Type:** 

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure

Oil API:

deg API

Water Salinity:

9500 ppm

## Recovery Information

### Recovery Table

Length ft	Description	Volume bbl
25.00	Drig.mud	0.123
0.00	2105 ft.of GIP	0.000

Total Length:

25.00 ft

Total Volume:

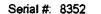
0.123 bbl

Num Fluid Samples: 0 Laboratory Name:

Num Gas Bombs: 0 Laboratory Location

Serial #: none

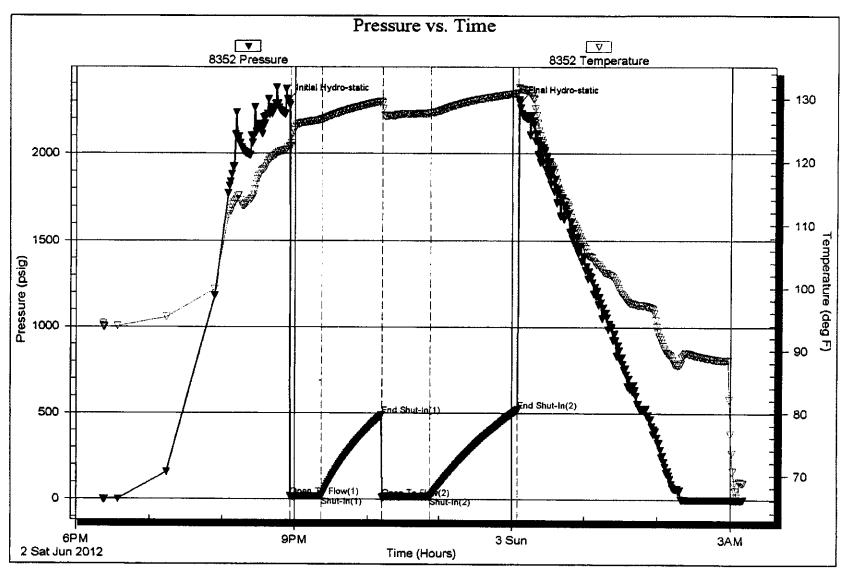
Recovery Comments: LCM 8#/bbl



Inside Charles N. Griffin

Koblitz #6x

DST Test Number: 1

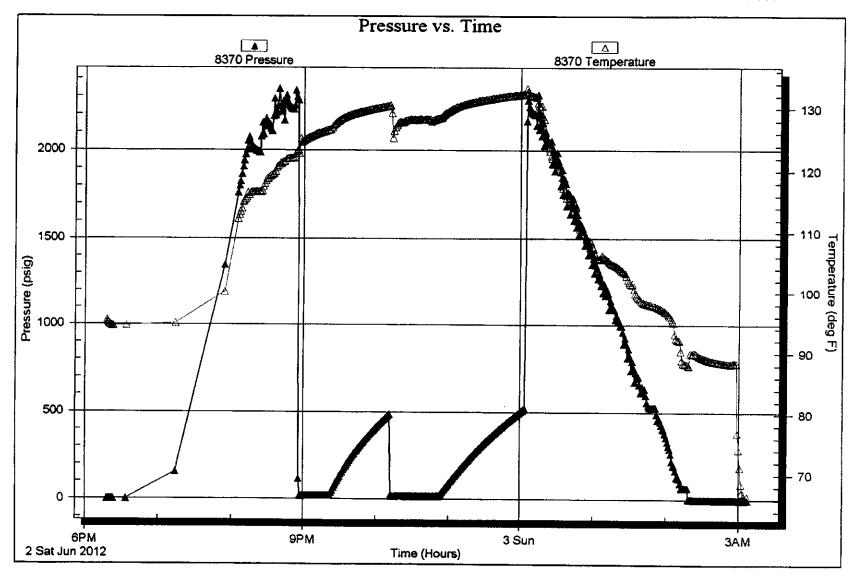




Outside Charles N. Griffin

Koblitz #6x

DST Test Number: 1





## RILOBITE ESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

### **Test Ticket**

NO. 47542

Well Name & No. KOBLITZ #	<i>د</i> ×	Test No	Dat	e 6-2	- 12
COMPANY CHARLES N. GIR					
Address P.D. Buy 347 Piz				<u> </u>	
Co. Rep/Geo. BRUZE REED		Rig Fos	SIL DRU	رى. ≠ ک	
Location: Sec. 26 Twp. 34	Rge. へい	Co. HAR	2138/2	State\	<u>. د</u>
Interval Tested 4609 - 4634	Zone Tested	M 255.			
Anchor Length	Drill Pipe Run	પ્પ	CS Mud V	vi. 9.0	
Top Packer Depth 460	1 Drill Collars Run			46	
Bottom Packer Depth 460	· ·	- n	O WL_	12.5	<u>کرد</u>
Total Depth L(63c	·····	9500 ppm	System LCM	8 #	
Blow Description IF: Strong War	3.0.0 in	2-3 see		J. Jele	_ س
FF: Strong blow 3.0.3. i	n 2 sus.	FSI: Wash	م ليابين.	1/2 " done	ning
Rec 2105 Feet of GTP		%gas	%oil	%water	%mud
Rec 25 Feet of Dulg Mud	<del></del>	%gas	%orl	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
RecFeet of		<b>%g</b> as	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total 25 BHT 1310	Gravity N	APIRW りに。@	F Chlor	ides <u>950</u>	<u>O</u> ppm
(A) Initial Hydrostatic 2302	Test 1250	of the state of th	T-On Location	160	<u> </u>
(B) First Initial Flow	🖸 Jars		T-Started	183	
(C) First Final Flow	C Safety Joint	The second secon	T-Open	_	
(D) Initial Shut-In	Circ Sub		T-Pulled		
(E) Second Initial Flow	☐ Hourly Standby	1h 100	T-Out	<u> </u>	99
(F) Second Final Flow	Mileage 140	217	Comments	<u> </u>	
(G) Final Shut-In <u> </u>	☐ Sampler		<del></del>		<del></del>
(H) Final Hydrostatic 2290	☐ Straddle		O Ruined Sh	ale Packer	····
	☐ Shale Packer			cker	
Initial Open30	☐ Extra Packer			es	
Initial Shut-In US	☐ Exira Recorder			0	
Final Flow US	Day Standby		Total 1567		
Final Shut-In 60	☐ Accessibility		MP/DST Disc	ttes 6	
$G_{k}$				/	<i>y</i>
Approved By Luce A. Tu	Our	Representative (	Jam Lun	temo	,
Trilobite Testing Inc. shall not be liable for damaged of any kind of the property equipment, or its statements or opinion concerning the results of any test, tools	v serreggel of the one to		suffered or systained, direct for whom the fest is made	dy or indirectly, through	the use of its