



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1208294  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., 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       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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

(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 #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1208294

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# ALLIED CEMENTING CO., LLC.

040182

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

*Medicine Lodge, KS*

DATE <i>4-28-2011</i>	SEC. <i>23</i>	TWP. <i>3/5</i>	RANGE <i>12W</i>	CALLED OUT <i>1:30 pm</i>	ON LOCATION <i>3:00 pm</i>	JOB START <i>5:30 pm</i>	JOB FINISH <i>6:00 pm</i>
LEASE <i>Pirelopsberg 14-</i>	WELL # <i>2</i>	LOCATION <i>Medicine Lodge, KS north of</i>				COUNTY <i>Butler</i>	STATE <i>KS</i>

OLD OR NEW (Circle one) NEW

CONTRACTOR *Terry* OWNER *Prestt Well Service*

TYPE OF JOB *Surface* CEMENT

HOLE SIZE *12 1/4* T.D. *265* AMOUNT ORDERED *1655 x 60 no. 20% 601*

CASING SIZE *8 5/8* DEPTH *265* *3%CC*

TUBING SIZE DEPTH DEPTH DEPTH

DRILL PIPE DEPTH DEPTH DEPTH DEPTH

TOOL DEPTH DEPTH DEPTH DEPTH

PRES. MAX. MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *20'*

PERFS.

DISPLACEMENT *15 1/2 bbls of freshwater*

EQUIPMENT

PUMP TRUCK CEMENTER *Deron E.*

# *471-265* HELPER *Jason T.*

BULK TRUCK DRIVER *Dustin E.*

BULK TRUCK DRIVER

#

REMARKS: *Pipe on bottom & break circulation*

*pump 3 bbls of freshwater, mix 1655*

*of cement, shut down & brush pump. Relieve*

*plug, stop displacement, pump 1 1/2 bbls*

*of freshwater, shut in cement & d*

*circulate*

CHARGE TO: *Prestt Well Service*

STREET \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

CITY \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

*8 5/8*

*1 wooden plug*

DEPTH OF JOB *265*

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE \_\_\_\_\_

MILEAGE \_\_\_\_\_

MANIFOLD \_\_\_\_\_

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**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET  
1718 03974 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 5-10-11 DISTRICT PRATT KS NEW WELL  OLD WELL  PROD  INJ  WDW  CUSTOMER ORDER NO.:

CUSTOMER PRATT Well Service LEASE Pike/Uppegraff STATE KS WELL NO. \_\_\_\_\_

ADDRESS BARCEL COUNTY BARCEL STATE KS

CITY \_\_\_\_\_ SERVICE CREW Sullivan, Metall, Funnell, McKeay

AUTHORIZED BY \_\_\_\_\_ JOB TYPE: CPW 5 1/2 hole string

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
33208-20920	55					ARRIVED AT JOB	5-4-11	AM	12:20
19826-19860	55					START OPERATION	5-5-11	AM	0500
37900						FINISH OPERATION		AM	0545
						RELEASED		AM	0630
						MILES FROM STATION TO WELL			30

CONTRACT CONDITIONS: (This contract must be signed 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 for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Robert Sullivan  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA-2 CNT	SK	180		3,060.00
CP 103	60% puz cnt	SK	50		600.00
CC 102	CalTrake	LB	45		166.50
CC 105	20 FLOWLINE	LB	34		136.00
CC 111	SALT	LB	836		418.00
CC 112	CNT FISHING TOOL	LB	85		510.00
CC 201	gibsonite	LB	901		603.67
CF 607	Hand down pipe, BARCEL 5 1/2	SA	1		400.00
CF 1001	CNT Pike Shoe	SA	1		3,700.00
CF 1651	Turbolizer	SA	5		550.00
PF 1901	Basket	SA	1		290.00
CC 151	muo-Flurb	YAL	500		430.00
E 100	Huber rodlog	mi.	30		127.50
E 101	Heavy Spot rodlog	mi.	60		970.00
E 113	Bulk Delivery	Tm	320		511.20
CE 205	Depth Charge	SM	1		2,520.00
CE 240	Blending - mixing	SK	230		322.00
CE 304	Plec Container Rental	SA	1		250.00
S 003	Sullivan Seal truck	SA	1		175.00
CE 405	Additional hrs on loc	SA	6		900.00
				SUB TOTAL	11,696.20

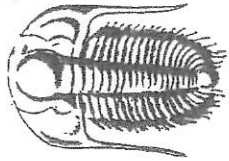
CHEMICAL / ACID DATA:


SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE Robert Sullivan THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Robert Sullivan

FIELD SERVICE ORDER NO. \_\_\_\_\_

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



**TRILOBITE  
TESTING, INC.**

**Ydoo**

EAST HIGHWAY 40 \* PO BOX 1733 \* HAYS, KANSAS 67601  
TELEPHONE: (785) 625-4778 FAX: (785) 625-5620

Pratt Well Service Inc.  
PO Box 847  
Pratt KS 67124

DATE 5/16/2011 INVOICE # 15719

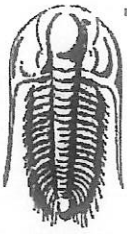
Pike Updegraff #2		23 31S 12W Barber KS	PO/PAYEE #	TERMS	DUE DATE
Date	Ticket #	Description	Amount		
5/6/11	37476	DST #1 4298-4328 Jars Safety Joint 60 Miles @ \$1.40 (Round Trip) 4 Hour(s) @ \$100/hr for additional time		Net 30	6/15/2011
					1,225.00
					250.00
					75.00
					84.00
					400.00

Due to the current cost of Diesel our mileage charge has been increased to \$1.40/mile round trip. Effective 5/1/2011.  
For a complete price list go to <http://www.trilobitetesting.com>  
If you are interested in Paperless Invoices please contact us at [trilobite@eaglecom.net](mailto:trilobite@eaglecom.net)

Thank You

Payments/Credits \$0.00  
TOTAL \$2,034.00  
Balance Due \$2,034.00

Rate of Finance Charge on Past Due Accounts: 1.50% Monthly - 18% Annually



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Pratt Well Service INC

Pike Updegraff # 2

PO Box 847  
Pratt, KS 67124

23-31s-12w Barber,KS

ATTN: Kenneth Gates

Job Ticket: 37476

DST#: 1

Test Start: 2011.05.06 @ 03:38:47

## GENERAL INFORMATION:

Formation: Miss

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:05:47

Time Test Ended: 15:32:17

Test Type: Conventional Bottom Hole

Tester: Chris Staats

Unit No: 34

Interval: 4298.00 ft (KB) To 4328.00 ft (KB) (TVD)

Reference Elevations: 1614.00 ft (KB)

Total Depth: 4328.00 ft (KB) (TVD)

1601.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6773

Outside

Press@RunDepth: 82.11 psig @ 4299.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.06

End Date: 2011.05.06

Last Calib.: 2011.05.06

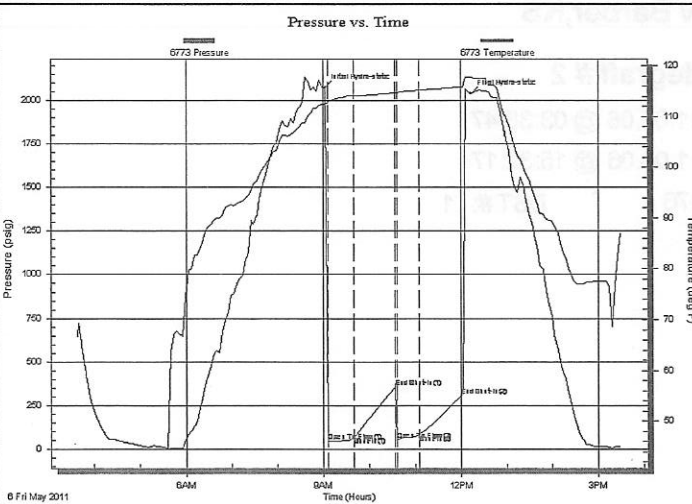
Start Time: 03:38:52

End Time: 15:32:17

Time On Btm: 2011.05.06 @ 09:02:32

Time Off Btm: 2011.05.06 @ 12:13:47

TEST COMMENT: IF: Strong blow BOB 3 min  
IS: No blow back  
FSI: Strong blow BOB 2 sec  
FSI: No blow back



## PRESSURE SUMMARY

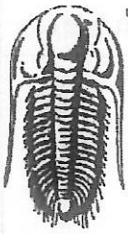
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2073.69	112.33	Initial Hydro-static
4	46.02	112.71	Open To Flow (1)
38	70.76	114.10	Shut-In(1)
92	354.07	114.70	End Shut-In(1)
94	49.41	114.67	Open To Flow (2)
122	82.11	115.24	Shut-In(2)
178	304.42	115.86	End Shut-In(2)
192	2040.28	117.65	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP 995'	0.00
45.00	Mud with oil spots 2%oil 98%mud	0.35

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

TOOL DIAGRAM

Pratt Well Service INC

Pike Updegraff # 2

PO Box 847  
Pratt, KS 67124

23-31s-12w Barber, KS

Job Ticket: 37476

DST#: 1

ATTN: Kenneth Gates

Test Start: 2011.05.06 @ 03:38:47

## Tool Information

Drill Pipe:	Length: 4246.00 ft	Diameter: 3.80 inches	Volume: 59.56 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 59.71 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4298.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.25 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4270.00	
Shut In Tool	5.00			4275.00	
Hydraulic tool	5.00			4280.00	
Jars	5.00			4285.00	
Safety Joint	3.00			4288.00	
Packer	5.00			4293.00	29.00 Bottom Of Top Packer
Packer	5.00			4298.00	
Stubb	1.00			4299.00	
Recorder	0.00	6773	Outside	4299.00	
Recorder	0.00	8166	Outside	4299.00	
Perforations	26.00			4325.00	
Bullnose	3.00			4328.00	30.00 Bottom Packers & Anchor

**Total Tool Length: 59.00**



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Pratt Well Service INC

Pike Updegraff # 2

PO Box 847  
Pratt, KS 67124

23-31s-12w Barber, KS

ATTN: Kenneth Gates

Job Ticket: 37476

DST#: 1

Test Start: 2011.05.06 @ 03:38:47

### Tool Information

Drill Pipe:	Length: 4246.00 ft	Diameter: 3.80 inches	Volume: 59.56 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 59.71 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4298.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.25 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4270.00	
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Bullnose	3.00			4328.00	30.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>59.00</b>				



### Pressure vs. Time

