



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1193941
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: _____

1193941

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Chieftain Oil Co., Inc.
Well Name	Smith A 1
Doc ID	1193941

All Electric Logs Run

Geologist Log
Sonic Cement Bond Log
Dual Induction Log
Compensated Density/Neutron Log
Micro Log

Form	ACO1 - Well Completion
Operator	Chieftain Oil Co., Inc.
Well Name	Smith A 1
Doc ID	1193941

Tops

Name	Top	Datum
Heebner	3603	-1947
Lower Douglas SD	3746	-2090
Brown Lime	3773	-2117
Reworked Miss	4247	-2591
Mississippian	4288	-2632
Kinderhook	4345	-2689
Viola	4418	-2762
Base Viola	4528	-2872
Simpson SD	4546	-2890
Arbuckle	4632	-2976
Total Depth	4673	-3017



PAGE	CURT NO	INVOICE DATE
1 of 1	1000719	12/19/2013
INVOICE NUMBER		
1718 - 91364948		

Pratt (620) 672-1201
 B CHIEFTAIN OIL COMPANY
 I PO Box: 124
 L KIOWA
 L KS US 67070
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Smith A 1
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40673359	19905		Net - 30 days	01/18/2014

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 12/17/2013 to 12/17/2013				
0040673359				
171809595A Cement-New Well Casing/Pi 12/17/2013 Cement 13 3/8 Conductor.				
60/40 POZ	350.00	EA	9.00	3,150.14 T
Celloflake	88.00	EA	2.78	244.21 T
Calcium Chloride	903.00	EA	0.79	711.14 T
"Unit Mileage Chg (PU, cars one way)"	45.00	MI	3.19	143.44
Heavy Equipment Mileage	90.00	MI	5.25	472.52
"Proppant & Bulk Del. Chgs., per ton mil	677.00	EA	1.20	812.44
Depth Charge; 0-500'	1.00	EA	750.03	750.03
Blending & Mixing Service Charge	350.00	BAG	1.05	367.52
"Service Supervisor, first 8 hrs on loc.	1.00	EA	131.26	131.26

ENTERED
 12/26/2013
 9/21/BC

(PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,782.70
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	293.54
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	7,076.24
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 09595 A

17-315-13W

DATE _____ TICKET NO. _____

DATE OF JOB 12-17-13		DISTRICT Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER Chieftain Oil Company, Inc.				LEASE Smith "A"				WELL NO. 1	
ADDRESS				COUNTY Barber		STATE Kansas			
CITY		STATE		SERVICE CREW C. Messick; M. McGraw; S. Young					
AUTHORIZED BY				JOB TYPE: C. N. W. - Conductor					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
27,283	1						12-16-13	AM	9:00
						ARRIVED AT JOB	12-16-13	AM	11:00
77,626-19,905	1					START OPERATION	12-17-13	AM	1:45
						FINISH OPERATION	12-17-13	AM	2:45
19,826-73,768	1					RELEASED	12-17-13	AM	3:00
						MILES FROM STATION TO WELL			45

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: *Orndell Maestas*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P CP103	60/40 Poz Blend Cement	sh	350	\$	4,200 00
P CC102	Cellflite	Lb	88	\$	325 60
P CC109	Calcium Chloride	Lb	903	\$	948 15
P E100	Pickup Mileage	Mi	45	\$	191 25
P E101	Heavy Equipment Mileage	Mi	90	\$	630 00
P E113	Bulk Delivery	tm	677	\$	1,083 60
P CE200	Cement Pump: 0 Feet To 500 Feet	hrs	4	\$	1,000 00
P CF240	Blending and Mixing Service	sh	350	\$	490 00
P S003	Service Supervisor	hrs	8	\$	175 00

SUB TOTAL \$ 6,782 70

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE *Orndell Maestas*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Orndell Maestas*

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer Chieftain Oil Company	Lease No. Inc.	Date 12-17-13
Lease Smith "A"	Well # 1	
Field Order # 4595	Station Pratt, Kansas	Casing 13 3/8 48lb.
	Depth 306 Feet	County Barber
Type Job C.N.W.-Conductor	Formation	State Kansas
		Legal Description 15-35-13W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
Casing Size 13 3/8"	Tubing Size 4 1/2" L.P.	Shots/Ft	350 sacks	60/40 Poz	with	RATE	PRESS	ISIP
Depth 306F	Depth	From	To	28 Gel	Total, 38 Calcium Chloride,	25Lb/sh	5 Min.	cell late
Volume 48 Bbl.	Volume	From	To		Min		10 Min.	
Max Press 250 P.S.F.	Max Press	From	To		Avg		15 Min.	
Well Connection Swedge and Val	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 296 feet	Packer Depth	From	To	Flush	44 Bbl. Fresh Water	Gas Volume	Total Load	

Customer Representative Jim	Station Manager Kevin Gordley	Treater Clarence R. Messick
--------------------------------	----------------------------------	--------------------------------

Service Units	27,283	77,686	19,905	19,826	73,768
Driver Names	Messick	McGraw	Young		

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00	12-16-13				Trucks on location and hold safety meeting.
12:20	Fossil	Drilling	start to run	7 Joints	new 48Lb./Ft. 13 3/8" casing.
1:30					Casing in well. Circulate for 15 minutes.
1:50	225			5	Start Fresh water Pre-Flush.
	250		10	5	start mixing 350 sacks 60/40 Poz cement.
2:09	125		84	5	start Fresh water Displacement
2:15	250		128		Plugdown. Shut in well.
					Circulated 15 Bbl. cement to the pit.
					Wash up pump truck.
3:00					Job Complete.
					Thank You.
					Clarence, Milte, Steve



PAGE 1 of 1	CUSTOMER NO 1000719	INVOICE DATE 12/30/2013
INVOICE NUMBER 1718 - 91372587		

Pratt (620) 672-1201
 B CHIEFTAIN OIL COMPANY
 I PO Box: 124
 L KIOWA
 L KS US 67070
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Smith A 1
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40676051	19905		Net - 30 days	01/29/2014

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 12/27/2013 to 12/27/2013				
0040676051				
171809826A Cement-New Well Casing/Pi 12/27/2013				
Cement 5 1/2" Longstring				
AA2 Cement	250.00	EA	11.90	2,974.91 T
C-41P	47.00	EA	2.80	131.60 T
Salt	1,238.00	EA	0.35	433.29 T
C-44	235.00	EA	3.60	847.16 T
FLA-322	188.00	EA	5.25	986.98 T
Mud Flush	500.00	EA	0.60	300.99 T
Super Flush II	500.00	EA	1.07	535.49 T
Gilsonite	1,250.00	EA	0.47	586.24 T
Claymax KCL Substitute	5.00	EA	24.50	122.50 T
"Latch Down Plug & Baffle, 5 1/2" (Blue)	1.00	EA	279.99	279.99
"Auto Fill Float Shoe 5 1/2" (Blue)"	1.00	EA	251.99	251.99
"Turbolizer, 5 1/2" (Blue)"	7.00	EA	77.00	538.99
"5 1/2" Basket (Blue)"	2.00	EA	203.00	405.99
"Unit Mileage Chg (PU, cars one way)"	45.00	MI	2.97	133.87
Heavy Equipment Mileage	90.00	MI	4.90	440.99
"Proppant & Bulk Del. Chgs., per ton mil	529.00	EA	1.12	592.47
Depth Charge; 4001'-5000'	1.00	EA	1,763.96	1,763.96
Blending & Mixing Service Charge	250.00	BAG	0.98	244.99
Plug Container Util. Chg.	1.00	EA	175.00	175.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	122.50	122.50

JAN 08, 2013
 9121 BC

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	11,869.90
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	494.72
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	12,364.62
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		

11



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 09826 A

17-315-13W

DATE _____ TICKET NO. _____

DATE OF JOB: 12-27-13		DISTRICT: Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER: Chieftain Oil Company, Inc.				LEASE: Smith "A"				WELL NO. 1	
ADDRESS:				COUNTY: Barber		STATE: Kansas			
CITY:		STATE:		SERVICE CREW: C. Messick, M. McGraw, J. Hamby					
AUTHORIZED BY:				JOB TYPE: C.N.W. - Longstring					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
37,216	2						12-27-13	AM	1:00
						ARRIVED AT JOB		AM/PM	3:30
77,686-19,905	2					START OPERATION		AM/PM	9:00
						FINISH OPERATION		AM/PM	11:00
19,960-21,010	2					RELEASED	12-27-13	AM/PM	11:15
						MILES FROM STATION TO WELL	46		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P CP 105	AA2 Blend Cement	sh	200	\$	3,400.00
P CP 105	AA2 Blend Cement	sh	50	\$	850.00
P CC 105	Defoamer	Lb	47	\$	1,880.00
P CC 111	Salt	Lb	1,238	\$	619.00
P CC 115	Gas Blot	Lb	235	\$	1,210.25
P CC 129	Fluid Loss	Lb	188	\$	1,410.00
P CC 201	Gilsonite	Lb	1,250	\$	837.50
P CF 607	Latch Down Plug and Baffle, 5 1/2"	ea	1	\$	400.00
P CF 1251	Auto Fill Float Shoe, 5 1/2"	ea	1	\$	360.00
P CF 1651	Turbolizer, 5 1/2"	ea	7	\$	770.00
P CF 1901	Basket, 5 1/2"	ea	2	\$	580.00
P C T04	Clay Max	Gal	5	\$	175.00
P CC 151	Mud Flush	Gal	500	\$	430.00
P CC 155	Super Flush II	Gal	500	\$	765.00

CHEMICAL / ACID DATA:			

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

SUB TOTAL

TOTAL

SERVICE REPRESENTATIVE:	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
-------------------------	---

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 ~~09827~~ A
Continuation

17-315-13W

DATE TICKET NO. 9,826

DATE OF JOB: 12-27-13		DISTRICT: Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER: Chieftain Oil Company, Inc.				LEASE: Smith "A"				WELL NO. 1	
ADDRESS:				COUNTY: Barber		STATE: Kansas			
CITY:		STATE:		SERVICE CREW: C. Messick; M. McGraw; J. Hamby					
AUTHORIZED BY:				JOB TYPE: C.N.W. - Longstring					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
						ARRIVED AT JOB		AM	PM
						START OPERATION		AM	PM
						FINISH OPERATION		AM	PM
						RELEASED		AM	PM
						MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P E 100	Pickup Mileage	mi	45		\$ 191 25
P E 101	Heavy Equipment Mileage	mi	90		\$ 630 00
P E 113	Bulk Delivery	tm	529		\$ 846 00
P CE 205	Cement Pump: 4,000 Feet To 5,000 Feet	hrs	4		\$ 2,520 00
P CE 240	Blending and Mixing Service	sh	250		\$ 350 00
P CE 504	Plug Container	Job	1		\$ 250 00
RES					
P S003	Service Supervisor	hrs	8		\$ 175 00

SUB TOTAL \$11,869 90

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE:	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)	

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer Chieftain Oil Company, Incorporated	Lease No. Smith "A"	Well # 1	Date 12-27-13
Field Order # 1826	Station Pratt, Kansas	Casing 5 1/2 15.5Lb.	Depth 4,671 ft
Type Job C.N.W. - Longstring	Formation	County Barber	State Kansas
		Legal Description 17-315-13W	

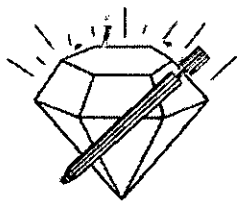
PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 5 1/2	Tubing Size 15.5Lb./ft	Shots/Ft 200	sacks AA 2	with 88F	fluid Loss	RATE 28	PRESS Defoamer
Depth 4,671 ft	Depth	From 108	To 6	alt. 5	LB/ft sk. Gilsonite	Max	ISIP 5 Min.
Volume 11.2 Bbl.	Volume	From	To	15Lb./Gal.	5.44 Gal./s	Min 1.43 cu	10 Min 4.1 sk.
Max Press 1,500 P.S.I.	Max Press	From	To	Avg			15 Min.
Well Connection Plug container	Annulus Vol.	From 50	To	sacks of above blend to Plug	Rate Used Rat (30sts) and Mouse	Annulus Pressure (20sts) Holes	
Plug Depth 4,630 feet	Packer Depth	From	To	Flush 110.7 Bbl.	28	Gas Volume ACL	Total Load

Customer Representative Ryan Molz	Station Manager Kevin Gordley	Operator Clarence R. Messich
Service Units 37,216	77,686	19,905
Driver Names Messich	Mc Graw	Hamby
19,960	21,010	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:30					Truck on location and hold safety meeting.
4:45					Fossil Drilling start to run Auto Fill Float Shoe, Shoe Joint with Latch Down Baffle screwed into Collar and a total of 109 58 Joints used tested and then 58 Joints new 15.5Lb./ft 5 1/2" casing. A Basket was installed above Collars #3 and #9. A Turbolizer was installed on Collars #3, 5, 7, 8, 11, 13, and #14.
8:00					Casing in well. Circulate for 1 Hour.
9:00		2,000			Shut in well. Pressure Test. Open Well.
9:05	460			6	Start Mud Flush.
			12	6	Start Fresh Water Spacer.
			32	6	Start Super Flush. II.
			44	6	Start Fresh water Spacer.
9:32	400		47	5	Start mixing 200 sacks AA 2 cement.
	-0-		98		Stop pumping. Shut in well. Wash pump and lines. Release Latch Down Plug. Open well.
9:47	150			6.5	Start 28 tcl Displacement.
			78	5	Start to lift cement.
10:04	700		110.7		Plug down.
	1,500				Pressure up.
					Release Pressure. Float shoe held.
	-0-		7.5	3	Plug Rat and mouse holes.
					Wash up pump truck.

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

11:00 A.M. Job Complete. Thank You. Clarence, Mike, Jerry



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
smitha1dst1

Company Chieftain Oil Company, Inc. Lease & Well No. Smith "A" No. 1
Elevation 1643 GL Formation Viola Effective Pay _____ Ft. Ticket No. K070
Date 12-24-13 Sec. 17 Twp. 31S Range 13W County Barber State Kansas
Test Approved By David Barker Diamond Representative Jason McLemore

Formation Test No. 1 Interval Tested from 4,410 ft. to 4,445 ft. Total Depth 4,445 ft.
Packer Depth 4,405 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4,410 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 4,391 ft. Recorder Number 5513 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 4,392 ft. Recorder Number 5588 Cap. 6,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Fossil Drilling, Inc. - Rig 3 Drill Collar Length 210 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 51 Weight Pipe Length _____ ft I.D. _____ in.
Weight 9.3 Water Loss 7.0 cc. Drill Pipe Length 4,167 ft I.D. 3 1/2 in.
Chlorides 4,300 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 6 Anchor Length 35 ft. Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak blow increasing to 2 1/2 ins. No blow back during shut-in.
2nd Open: Weak blow increasing to 1/2 in. No blow back during shut-in.

Recovered 10 ft. of drilling mud = .049200 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks _____

Time Set Packer(s) 4:30 A.M. Time Started off Bottom 6:45 A.M. Maximum Temperature 120°
Initial Hydrostatic Pressure.....(A) 2111 P.S.I.
Initial Flow Period.....Minutes 30 (B) 11 P.S.I. to (C) 21 P.S.I.
Initial Closed In Period.....Minutes 60 (D) 1225 P.S.I.
Final Flow Period.....Minutes 15 (E) 24 P.S.I. to (F) 27 P.S.I.
Final Closed In Period.....Minutes 30 (G) 977 P.S.I.
Final Hydrostatic Pressure.....(H) 2095 P.S.I.



JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	Chieftain Oil Company, Inc	Contact	Ron Molz	Job Number	K070
Well Name	Smith A #1	Representative	Jason McLemore		
Unique Well ID	DST #1 Viola 4410-4445	Well Operator	Chieftain Oil Company, Inc		
Surface Location	17-31s-13w-Barber	Prepared By	Jason McLemore		
Field	Wildcat	Qualified By	David Barker		
Well Type	Vertical	Test Unit	#6		

Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Viola	Well Operator	Chieftain Oil Company, Inc
Well Fluid Type		Report Date	
Test Purpose (AEUB)		Prepared By	Jason McLemore

Start Test Date	2013/12/24	Start Test Time	00:57:00
Final Test Date	2013/12/24	Final Test Time	09:30:00

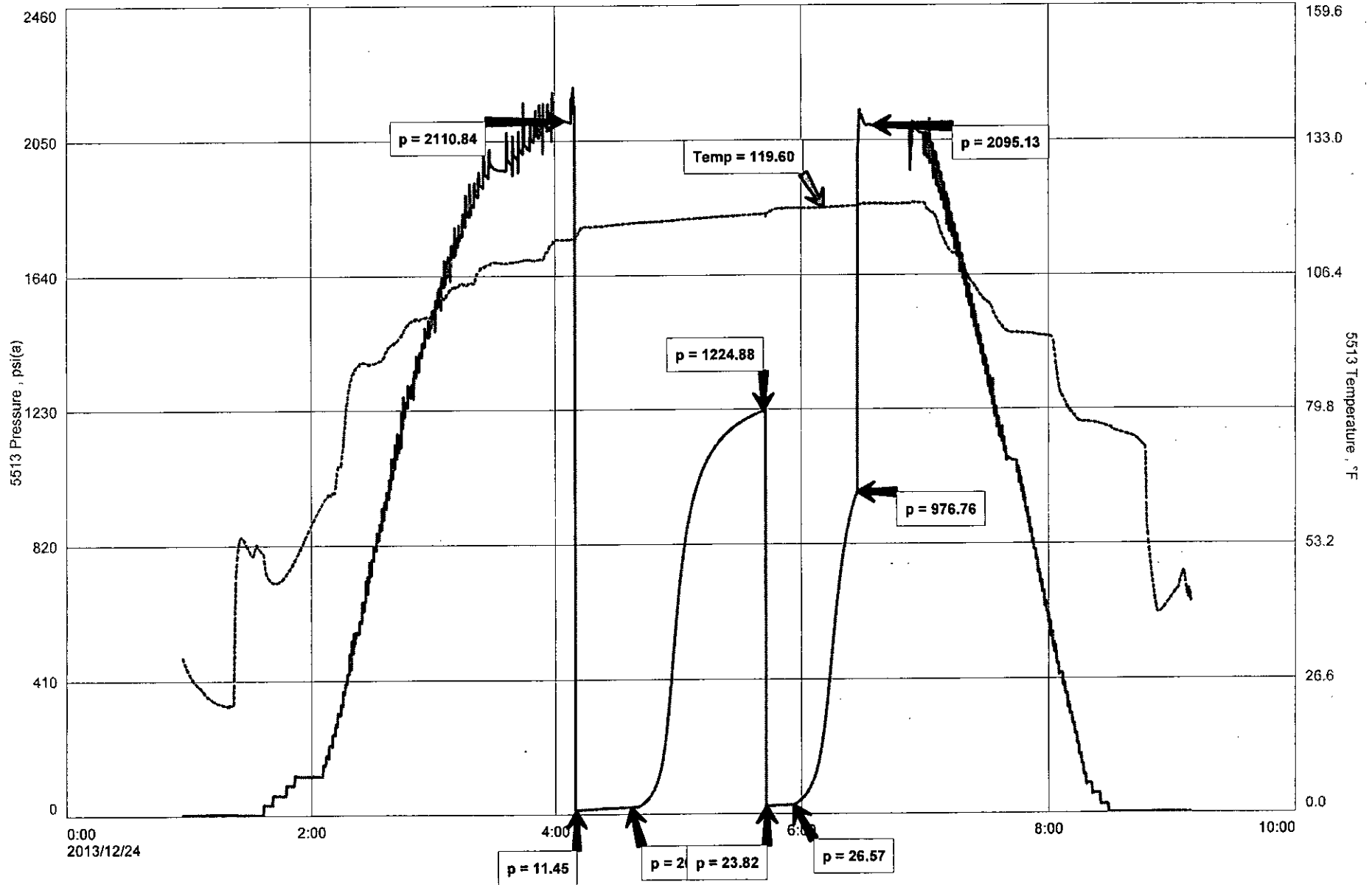
Test Results

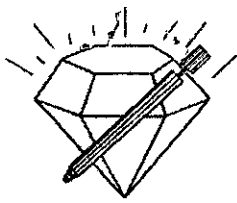
RECOVERED:	
10	Drilling Mud
10	Total Fluid

Chieftain Oil Company, Inc
DST #1 Viola 4410-4445
Start Test Date: 2013/12/24
Final Test Date: 2013/12/24

Smith A #1
Formation: Viola
Pool: Wildcat
Job Number: K070

Smith A #1





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
smitha1dst2

Company Chieftain Oil Company, Inc. Lease & Well No. Smith "A" No. 1
Elevation 1643 GL Formation Simpson Effective Pay Ft. Ticket No. K071
Date 12-25-13 Sec. 17 Twp. 31S Range 13W County Barber State Kansas
Test Approved By David Barker Diamond Representative Jason McLemore

Formation Test No. 2 Interval Tested from 4,541 ft. to 4,562 ft. Total Depth 4,562 ft.
Packer Depth 4,536 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 4,541 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,522 ft. Recorder Number 5513 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 4,523 ft. Recorder Number 5588 Cap. 6,000 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Fossil Drilling, Inc. - Rig 3 Drill Collar Length 210 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 52 Weight Pipe Length ft I.D. in.
Weight 9.4 Water Loss 8.0 cc. Drill Pipe Length 4,298 ft I.D. 3 1/2 in.
Chlorides 4,900 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 6 Anchor Length 21 ft. Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak blow increasing to 1/2 in. No blow back during shut-in.
2nd Open: Weak, surface blow. No blow back during shut-in.

Recovered 3 ft. of drilling mud = .014760 bbls.
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks

Time Set Packer(s) 11:05 A.M. Time Started off Bottom 2:35 P.M. Maximum Temperature 119°
Initial Hydrostatic Pressure.....(A) 2172 P.S.I.
Initial Flow Period.....Minutes 30 (B) 10 P.S.I. to (C) 13 P.S.I.
Initial Closed In Period.....Minutes 60 (D) 1315 P.S.I.
Final Flow Period.....Minutes 30 (E) 14 P.S.I. to (F) 17 P.S.I.
Final Closed In Period.....Minutes 90 (G) 1303 P.S.I.
Final Hydrostatic Pressure.....(H) 2149 P.S.I.



JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	Chieftain Oil Company, Inc		
Contact	Ron Molz	Job Number	K071
Well Name	Smith A #1	Representative	Jason McLemore
Unique Well ID	DST #2 Simpson 4541-4562	Well Operator	Chieftain Oil Company, Inc
Surface Location	17-31s-13w-Barber	Prepared By	Jason McLemore
Field	Wildcat	Qualified By	David Barker
Well Type	Vertical	Test Unit	#6

Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Simpson	Well Operator	Chieftain Oil Company, Inc
Well Fluid Type	01 Oil	Report Date	2013/12/25
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore

Start Test Date	2013/12/25	Start Test Time	08:25:00
Final Test Date	2013/12/25	Final Test Time	17:22:00

Test Results

RECOVERED:

3	Drilling Mud
3	Total Fluid

Chieftain Oil Company, Inc
DST #2 Simpson 4541-4562
Start Test Date: 2013/12/25
Final Test Date: 2013/12/25

Smith A #1
Formation: Simpson
Pool: Wildcat
Job Number: K071

Smith A #1

