



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1214961  
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: \_\_\_\_\_

1214961

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

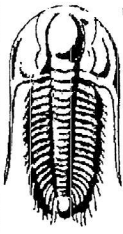
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> 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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**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Victory Oper. Inc.

**16-26s-15w Pratt Co. KS**

6 N. Scottsdale  
Wichita, KS 67230

**Smith-Curtis 1-16**

Job Ticket: 52491

**DST#: 1**

ATTN: Keith Reavis

Test Start: 2014.04.12 @ 06:30:13

**GENERAL INFORMATION:**

Formation: **Lansing B**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 09:20:43

Time Test Ended: 14:11:58

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Reynolds

Unit No: 68

Interval: **3922.00 ft (KB) To 3955.00 ft (KB) (TVD)**

Reference Elevations: 2063.00 ft (KB)

Total Depth: 3955.00 ft (KB) (TVD)

2051.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 8790**

**Inside**

Press@RunDepth: 124.76 psig @ 3923.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.12

End Date:

2014.04.12

Last Calib.:

2014.04.12

Start Time: 06:30:18

End Time:

14:11:57

Time On Btm:

2014.04.12 @ 09:17:43

Time Off Btm:

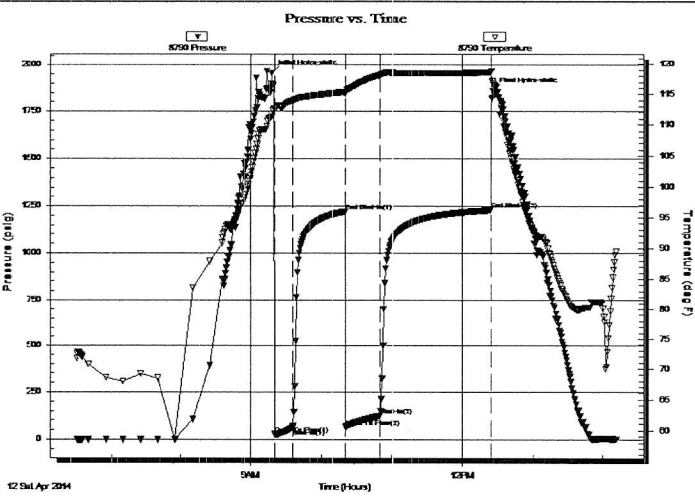
2014.04.12 @ 12:25:58

TEST COMMENT: IF: Strong blow . BOB @ 30sec. No GTS

IS: No blow

FF: Fair blow . surf. - 6"

FSI: No blow



**PRESSURE SUMMARY**

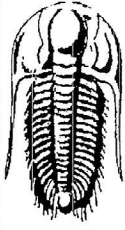
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1954.64	111.27	Initial Hydro-static
3	25.81	112.59	Open To Flow (1)
19	59.18	113.95	Shut-In(1)
63	1220.90	115.35	End Shut-In(1)
64	63.73	115.04	Open To Flow (2)
93	124.76	118.14	Shut-In(2)
187	1229.08	118.63	End Shut-In(2)
189	1858.34	116.82	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
150.00	MCW 4%w, 96%w	0.74
60.00	WCM 33%w, 67%w	0.30
	595' GIP	

**Gas Rates**

Choke (inches)	Pressure (psig)	Gas Rate (m <sup>3</sup> /d)



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Victory Oper. Inc.

**16-26s-15w Pratt Co. KS**

6 N. Scottsdale  
Wichita, KS 67230

**Smith-Curtis 1-16**

Job Ticket: 52491

**DST#: 1**

ATTN: Keith Reavis

Test Start: 2014.04.12 @ 06:30:13

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

91000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 0.02 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
150.00	MCW 4%m, 96%w	0.738
60.00	WCM 33%w, 67%m	0.295
	595' GIP	

Total Length: 210.00 ft

Total Volume: 1.033 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

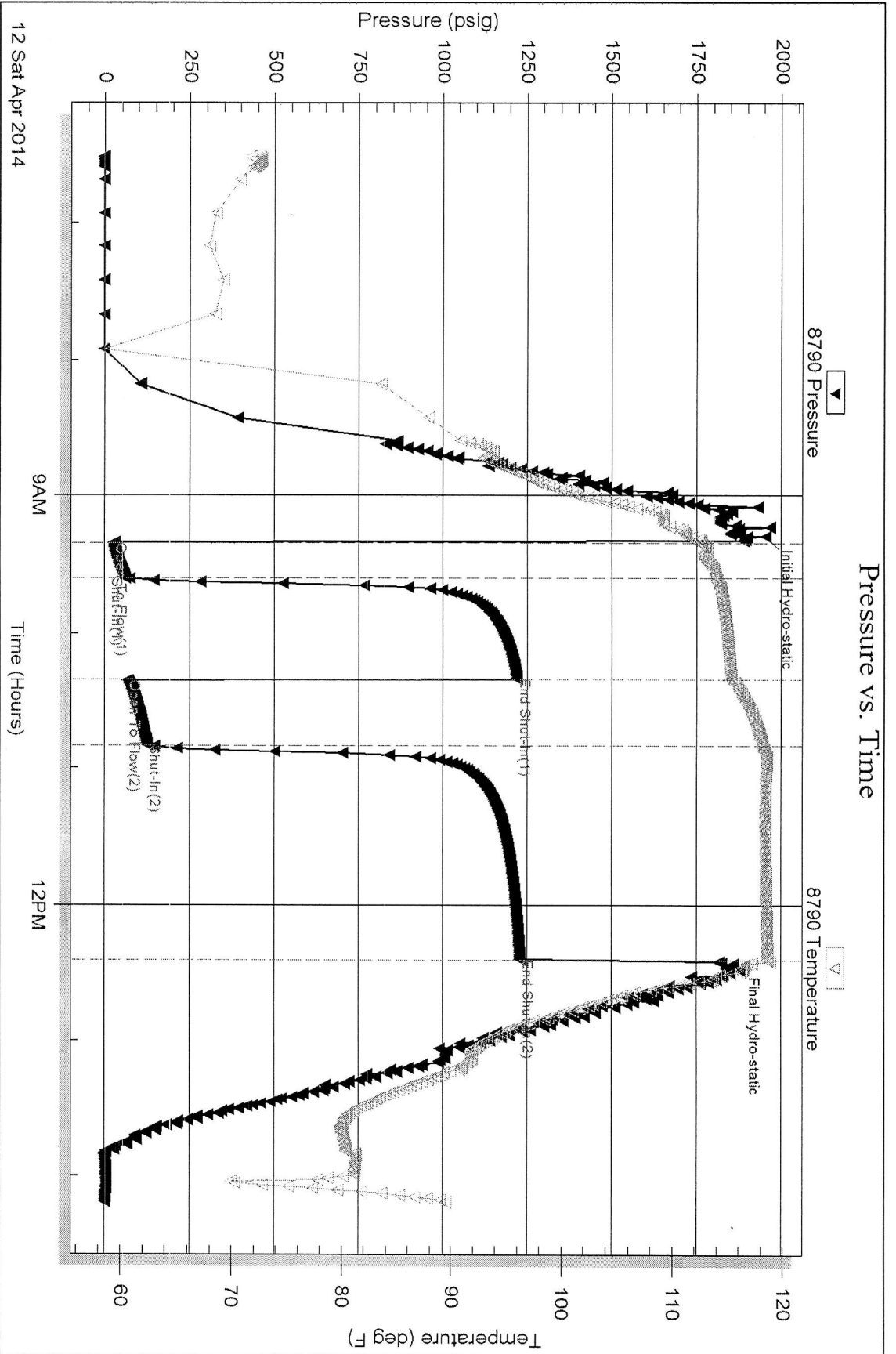
Serial #: 8790

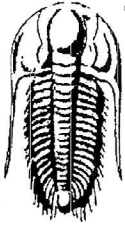
Inside

Victory Oper. Inc.

Smith-Curtis 1-16

DST Test Number: 1





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Victory Oper. Inc.

16-26s-15w Pratt Co. KS

6 N. Scottsdale  
Wichita, KS 67230

Smith-Curtis 1-16

Job Ticket: 52492

DST#: 2

ATTN: Keith Reavis

Test Start: 2014.04.13 @ 07:08:44

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 08:42:59

Time Test Ended: 13:42:14

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Reynolds

Unit No: 68

Interval: **4332.00 ft (KB) To 4388.00 ft (KB) (TVD)**

Total Depth: 4388.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2063.00 ft (KB)

2051.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: **8790**

Inside

Press@RunDepth: 28.22 psig @ 4337.00 ft (KB)

Start Date: 2014.04.13

End Date:

2014.04.13

Capacity: 8000.00 psig

Last Calib.: 2014.04.13

Start Time: 07:08:49

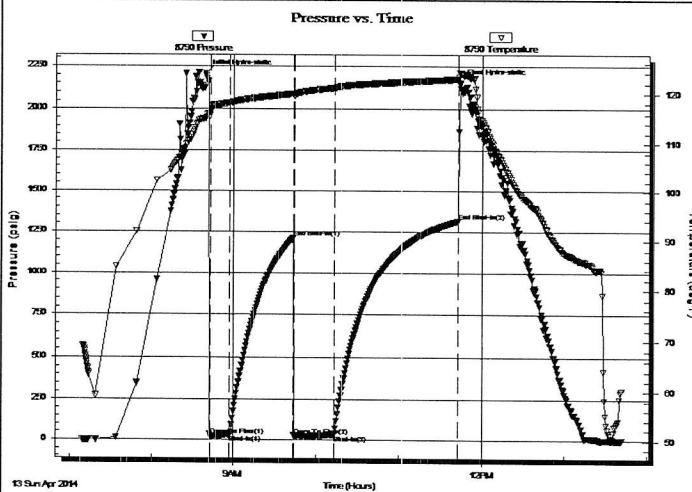
End Time:

13:42:13

Time On Btm: 2014.04.13 @ 08:39:44

Time Off Btm: 2014.04.13 @ 11:44:14

TEST COMMENT: IF: Strong blow . BOB @ 15sec. NO GTS  
IS: Weak surf. BB  
FF: Strong blow . BOB immed. GTS @ 29min. TSTM  
FSI: No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2203.28	115.44	Initial Hydro-static
4	21.01	116.34	Open To Flow (1)
18	28.93	118.29	Shut-In(1)
64	1209.54	120.02	End Shut-In(1)
65	22.70	119.73	Open To Flow (2)
94	28.22	121.14	Shut-In(2)
184	1315.07	122.89	End Shut-In(2)
185	2150.09	124.04	Final Hydro-static

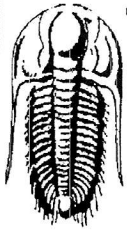
## Recovery

Length (ft)	Description	Volume (bbl)
40.00	drlg mud 100%m	0.20

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE**  
TESTING, INC.

# DRILL STEM TEST REPORT

FLUID SUMMARY

Victory Oper. Inc.

16-26s-15w Pratt Co. KS

6 N. Scottsdale  
Wichita, KS 67230

Smith-Curtis 1-16

Job Ticket: 52492

DST#: 2

ATTN: Keith Reavis

Test Start: 2014.04.13 @ 07:08:44

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

4000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	drlg mud 100%m	0.197

Total Length: 40.00 ft      Total Volume: 0.197 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



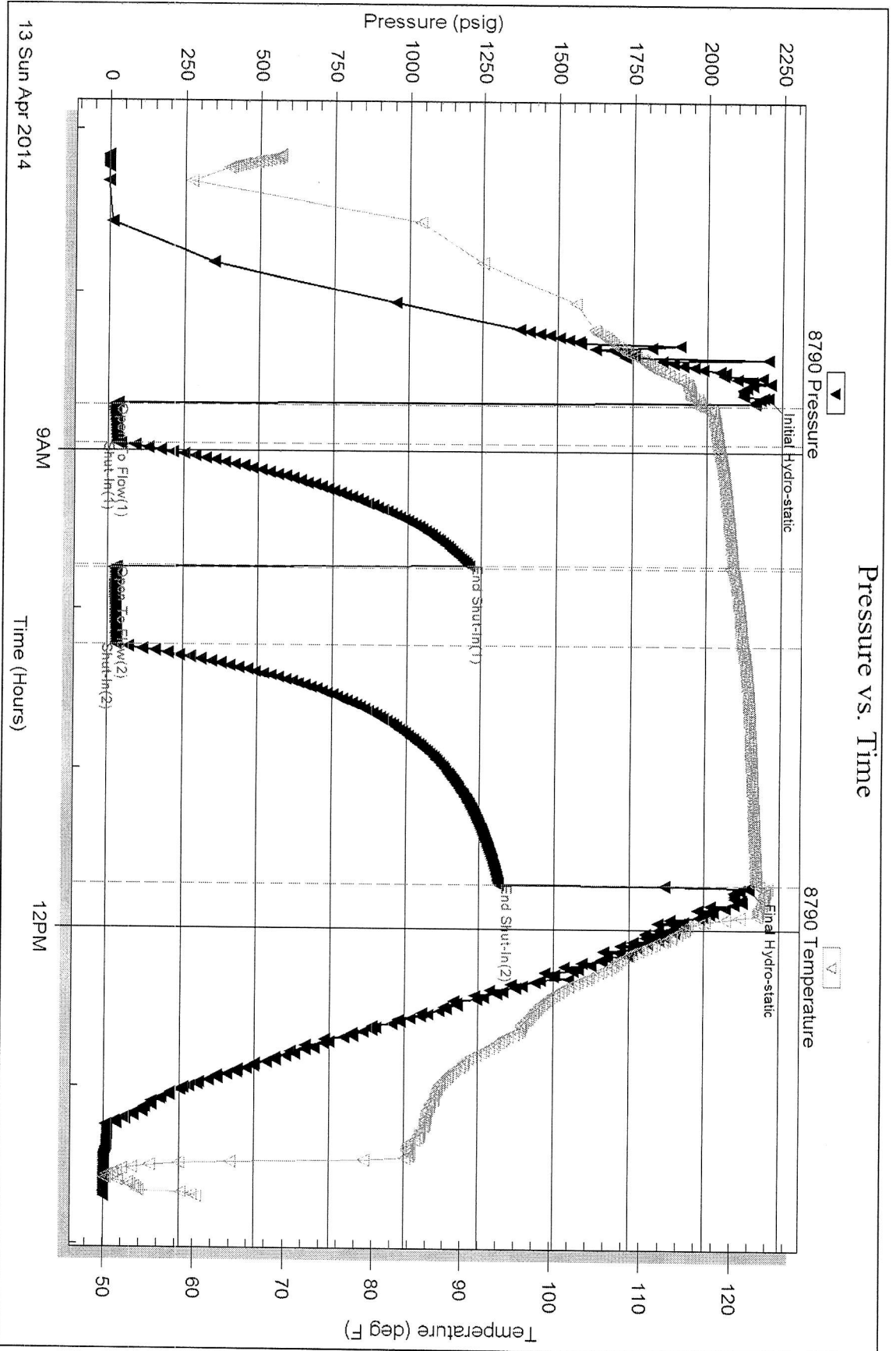
Serial #: 8790

Inside

Victory Oper., Inc.

Smith-Qurtis 1-16

DST Test Number: 2





Customer <i>Victory Operating</i>	Lease No.	Date <i>4-14-14</i>
Lease <i>Smith-Curtis unit</i>	Well # <i>1-16</i>	
Field Order # <i>9348</i>	Station <i>Pratt</i>	Casing <i>DP</i>
		Depth <i>4400</i>
Type Job <i>CNW PTA</i>	Formation	County <i>Pratt</i>
		State
		Legal Description <i>16-26-15</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>DP</i>								
Depth <i>4500</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>1050</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>Allen</i>	Station Manager <i>Kevin</i>	Treater <i>Joe</i>
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Service Units	<i>78882</i>	<i>78983</i>	<i>19959</i>	<i>73768</i>	<i>28443</i>				
Driver Names	<i>James</i>	<i>Shaw</i>			<i>Joe</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0830</i>					<i>on loc / safety meeting</i>
					<i>Rig still pulling DP</i>
<i>0945</i>					<i>DP out of hole</i>
					<i>Start Running DP for Plug</i>
					<i>Plug 1 1050' 50SK</i>
<i>10:30</i>	<i>100</i>		<i>15</i>	<i>5</i>	<i>H2O space</i>
			<i>12</i>	<i>5</i>	<i>mix 50SK 60/40 POZ @ 13.7<sup>#</sup></i>
<i>10:45</i>	<i>100</i>		<i>3</i>	<i>5</i>	<i>H2O space</i>
					<i>Plug 2 360' 100SK</i>
<i>11:25</i>	<i>150</i>		<i>5</i>	<i>6</i>	<i>H2O spacer</i>
	<i>150</i>		<i>25</i>	<i>6</i>	<i>mix 100SK 60/40 @ 13.7<sup>#</sup></i>
<i>11:35</i>	<i>150</i>		<i>1</i>	<i>6</i>	<i>H2O spacer</i>
					<i>Plug 3 60' 40SK</i>
<i>12:25</i>			<i>10</i>		<i>mix 40SK 60/40 POZ @ 13.7<sup>#</sup></i>
			<i>5</i>		<i>mix 30SK for Bat Hole</i>
			<i>6</i>		<i>mix 20SK for mouse Hole</i>
<i>12:30</i>					<i>Plug Down</i>
					<i>JOB complete</i>
					<i>Thank you Joe</i>



Customer <i>Victory Operations</i>	Lease No.	Date <i>4/9/2014</i>
Lease <i>Smith-Curtis Unit</i>	Well # <i>1-16</i>	
Field Order # <i>10194</i>	Station <i>Pratt, KS</i>	Casing <i>13 3/4</i>
		Depth <i>321</i>
Type Job <i>CNU/ Surface</i>	Formation <i>TD-341</i>	County <i>Pratt</i>
		State <i>KS</i>
		Legal Description <i>16-26-15</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>13 3/4</i>								
Depth <i>321</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>48</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>315</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>Dillon</i>	Station Manager <i>Kevin Goldrey</i>	Treater <i>Darin Franklin</i>
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Service Units	<i>27283</i>	<i>19903</i>	<i>19843</i>	<i>70955</i>	<i>19918</i>				
Driver Names	<i>Darin</i>	<i>Ed</i>	<i>Ed</i>	<i>Dale</i>	<i>Dale</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>4:00 AM</i>					<i>On location / Safety meeting</i>
					<i>Run 7 joints 13 3/4 casing - 321</i>
					<i>8 5/8 LT - set at 335'</i>
<i>9:00</i>	<i>200</i>		<i>3</i>		<i>Pump 3 bbls water spacer</i>
	<i>200</i>		<i>59</i>		<i>mix 200 sy H Serv. Lite 6% Gel</i>
					<i>3% CC, .25# Celloclisic, 13.3 ppg</i>
					<i>8.39 water Req., 1.66 slurry yield</i>
	<i>200</i>		<i>36</i>		<i>mix 170 sy Common Cement, 2% CC</i>
					<i>.25# Celloclisic, 15.6 ppg, 5.23</i>
					<i>water Req., 1.20 slurry yield</i>
	<i>200</i>		<i>48</i>		<i>Displace with water</i>
					<i>Job complete / Drin &amp; crew</i>
					<i>Thsnr you!!!</i>