



**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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

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

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

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

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

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

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

Total 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**

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



1061832

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

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

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

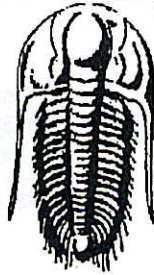
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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
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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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil & Gas LLC**

PO Box 40  
Spivey, KS 67142

ATTN: Gary Adelhardt/ Tim P

**19-29s-6w Kingman KS**

### **Schrag #1**

Start Date: 2011.07.30 @ 11:25:03

End Date: 2011.07.30 @ 18:27:03

Job Ticket #: 42540                      DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Wildcat Oil & Gas LLC

**Schrag #1**

PO Box 40  
Spivey, KS 67142

**19-29s-6w Kingman KS**

Job Ticket: 42540

DST#: 1

ATTN: Gary Adelhardt/ Tim PS 67142

Test Start: 2011.07.30 @ 11:25:03

## GENERAL INFORMATION:

Formation: **KC**

Deviated: **No Whipstock: ft (KB)**

Time Tool Opened: **13:18:18**

Time Test Ended: **18:27:03**

Test Type: **Conventional Bottom Hole**

Tester: **Chris Staats**

Unit No: **34**

Interval: **3726.00 ft (KB) To 3742.00 ft (KB) (TVD)**

Reference Elevations: **1552.00 ft (KB)**

Total Depth: **3742.00 ft (KB) (TVD)**

**1542.00 ft (CF)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

KB to GR/CF: **10.00 ft**

**Serial #: 8166**

**Outside**

Press@RunDepth: **200.71 psig @ 3727.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.07.30**

End Date: **2011.07.30**

Last Calib.: **2011.07.30**

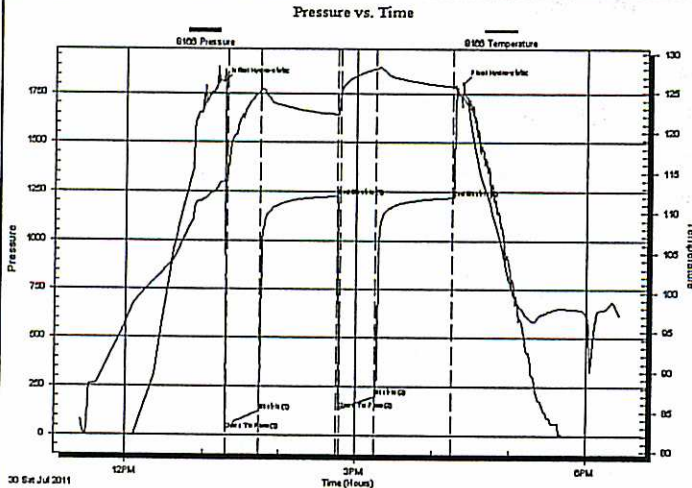
Start Time: **11:25:08**

End Time: **18:27:02**

Time On Btm: **2011.07.30 @ 13:15:18**

Time Off Btm: **2011.07.30 @ 16:22:48**

TEST COMMENT: IF: Strong blow BOB 16 min  
IS: No blow back  
FF: Strong blow BOB 22 min  
FS: No blow back



## PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1810.93	113.84	Initial Hydro-static
3	24.87	114.17	Open To Flow (1)
29	123.97	125.20	Shut-In(1)
90	1226.77	122.31	End Shut-In(1)
92	134.08	124.61	Open To Flow (2)
120	200.71	128.04	Shut-In(2)
180	1220.08	125.80	End Shut-In(2)
188	1805.00	124.43	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
310.00	M/W 5% mud 95% water	3.27

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Wildcat Oil & Gas LLC

**Schrag #1**

PO Box 40  
Spivey, KS 67142

**19-29s-6w Kingman KS**

Job Ticket: 42540

**DST#: 1**

ATTN: Gary Adelhardt/ Tim PS 67142

Test Start: 2011.07.30 @ 11:25:03

## Tool Information

Drill Pipe:	Length: 3598.00 ft	Diameter: 3.80 inches	Volume: 50.47 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: 25000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 60000.00 lb
			<b>Total Volume: 51.05 bbl</b>	Tool Chased 2.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3726.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	37.00 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			3706.00	
Shut In Tool	5.00			3711.00	
Hydraulic tool	5.00			3716.00	
Packer	5.00			3721.00	21.00 Bottom Of Top Packer
Packer	5.00			3726.00	
Stubb	1.00			3727.00	
Recorder	0.00	6773	Outside	3727.00	
Recorder	0.00	8166	Outside	3727.00	
Perforations	12.00			3739.00	
Bullnose	3.00			3742.00	16.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>37.00</b>				





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Wildcat Oil & Gas LLC

**Schrag #1**

PO Box 40  
Spivey, KS 67142

**19-29s-6w Kingman KS**

Job Ticket: 42540      DST#: 1

ATTN: Gary Adelhardt/ Tim PS 67142

Test Start: 2011.07.30 @ 11:25:03

## 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:	ppm
Viscosity: 40.00 sec/qt	Cushion Volume: bbl		
Water Loss: 15.16 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5500.00 ppm			
Filter Cake: 0.02 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	M/W 5% mud 95% water	3.274

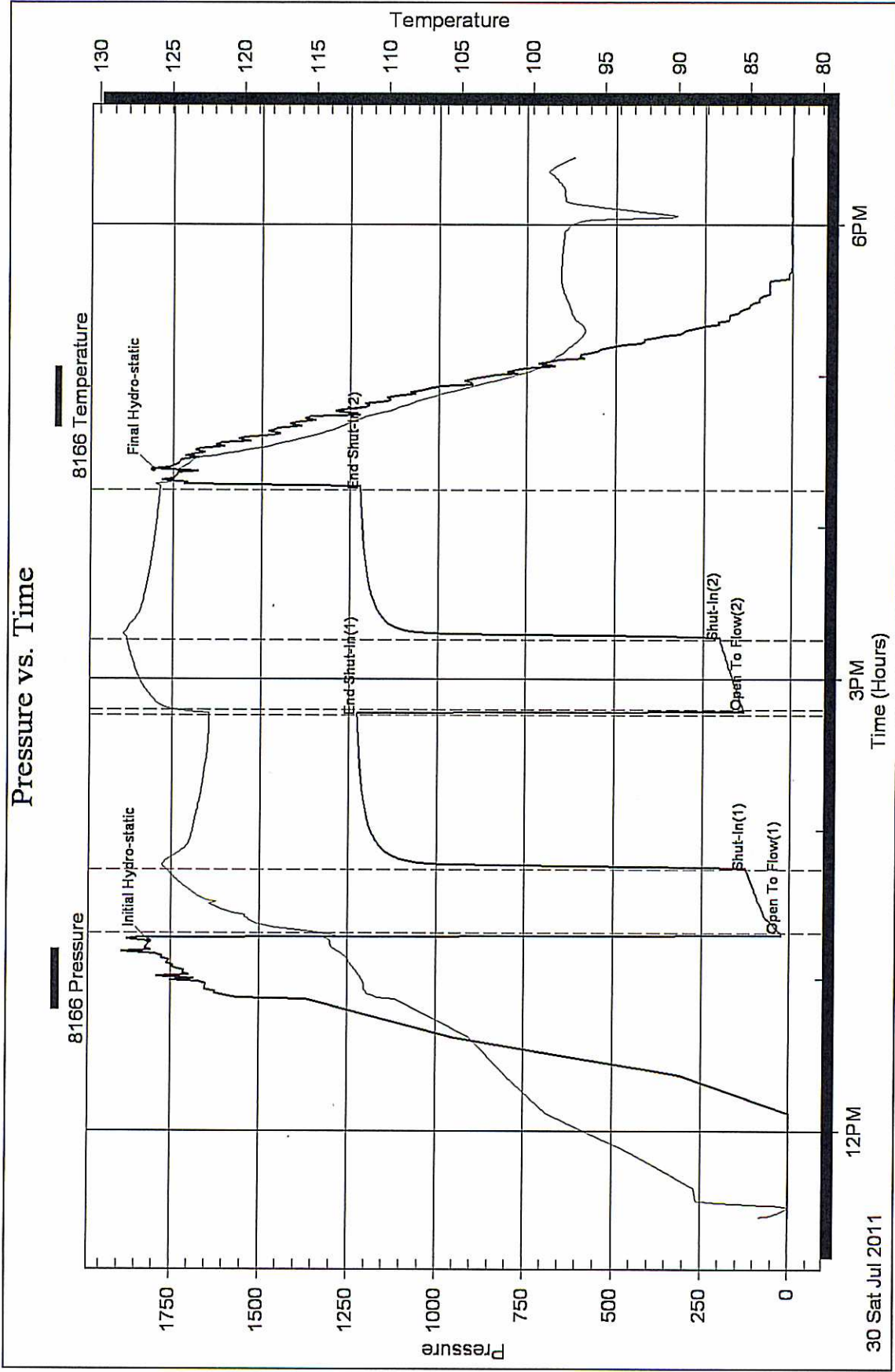
Total Length: 310.00ft      Total Volume: 3.274 bbl

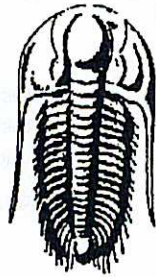
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

# Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil & Gas LLC**

PO Box 40  
Spivey, KS 67142

ATTN: Gary Adelhardt/ Tim P

### 19-29s-6w Kingman KS

#### Schrag #1

Start Date: 2011.08.01 @ 10:34:55

End Date: 2011.08.01 @ 17:23:55

Job Ticket #: 42541                      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Wildcat Oil & Gas LLC

**Schrag #1**

PO Box 40  
Spivey, KS 67142

**19-29s-6w Kingman KS**

Job Ticket: 42541

**DST#: 2**

ATTN: Gary Adelhardt/ Tim PS 67142

Test Start: 2011.08.01 @ 10:34:55

**GENERAL INFORMATION:**

Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:21:25  
 Time Test Ended: 17:23:55

Test Type: Conventional Bottom Hole  
 Tester: Chris Staats  
 Unit No: 34

Interval: **4115.00 ft (KB) To 4143.00 ft (KB) (TVD)**  
 Total Depth: **4143.00 ft (KB) (TVD)**  
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: **1552.00 ft (KB)**  
**1542.00 ft (CF)**  
 KB to GRVCF: 10.00 ft

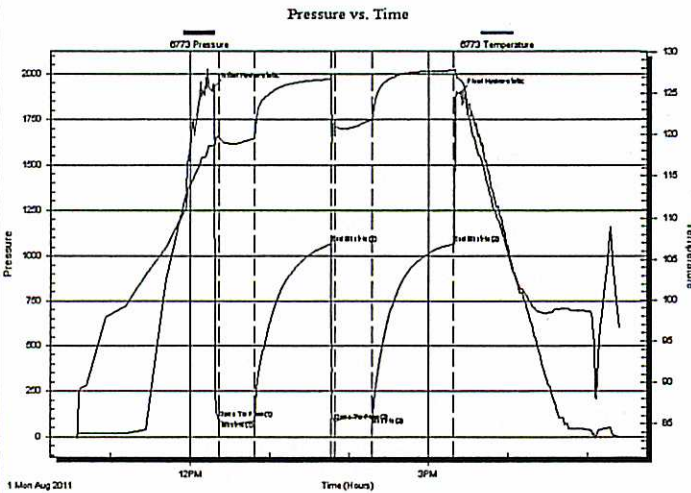
**Serial #: 6773**

Outside

Press@RunDepth: 111.17 psig @ 4116.00 ft (KB)  
 Start Date: 2011.08.01 End Date: 2011.08.01  
 Start Time: 10:35:00 End Time: 17:23:54

Capacity: 8000.00 psig  
 Last Calib.: 2011.08.01  
 Time On Btrr: 2011.08.01 @ 12:17:55  
 Time Off Btrr: 2011.08.01 @ 15:23:55

TEST COMMENT: IF: Strong blow BOB 5 sec { see gas report}  
 IS: Weak surface blow back  
 FF: Strong blow BOB 1 sec { see gas report}  
 FS: Weak blow back



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1929.02	118.78	Initial Hydro-static
4	98.66	119.67	Open To Flow (1)
31	86.34	119.56	Shut-In(1)
89	1068.55	126.75	End Shut-In(1)
91	85.23	121.33	Open To Flow (2)
120	111.17	121.86	Shut-In(2)
181	1070.03	127.76	End Shut-In(2)
186	1896.16	126.65	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
75.00	G,M 5% gas 95% mud	0.37

**Gas Rates**

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	7.00	33.95
Last Gas Rate	0.13	34.00	18.12
Max. Gas Rate	0.13	34.00	18.12



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Wildcat Oil & Gas LLC

**Schrag #1**

PO Box 40  
Spivey, KS 67142

**19-29s-6w Kingman KS**

Job Ticket: 42541

DST#: 2

ATTN: Gary Adelhardt/ Tim PS 67142

Test Start: 2011.08.01 @ 10:34:55

**Tool Information**

Drill Pipe:	Length: 4003.00 ft	Diameter: 3.80 inches	Volume: 56.15 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: 25000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 62000.00 lb
			<b>Total Volume: 56.73 bbl</b>	Tool Chased 3.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4115.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	49.00 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			4095.00	
Shut In Tool	5.00			4100.00	
Hydraulic tool	5.00			4105.00	
Packer	5.00			4110.00	21.00 Bottom Of Top Packer
Packer	5.00			4115.00	
Stubb	1.00			4116.00	
Recorder	0.00	6773	Outside	4116.00	
Recorder	0.00	8166	Outside	4116.00	
Perforations	24.00			4140.00	
Bullnose	3.00			4143.00	28.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>49.00</b>				



**TRILOBITE**  
**TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Wildcat Oil & Gas LLC

**Schrag #1**

PO Box 40  
Spivey, KS 67142

**19-29s-6w Kingman KS**

Job Ticket: 42541

**DST#: 2**

ATTN: Gary Adelhard/ Tim PS 67142

Test Start: 2011.08.01 @ 10:34:55

## 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:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
75.00	G.M 5% gas 95% mud	0.369

Total Length: 75.00 ft

Total Volume: 0.369 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Wildcat Oil & Gas LLC

**Schrag #1**

PO Box 40  
Spivey, KS 67142

**19-29s-6w Kingman KS**

Job Ticket: 42541

DST#: 2

ATTN: Gary Adelhardt/ Tim PS 67142

Test Start: 2011.08.01 @ 10:34:55

## Gas Rates Information

Temperature: 59 deg C  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

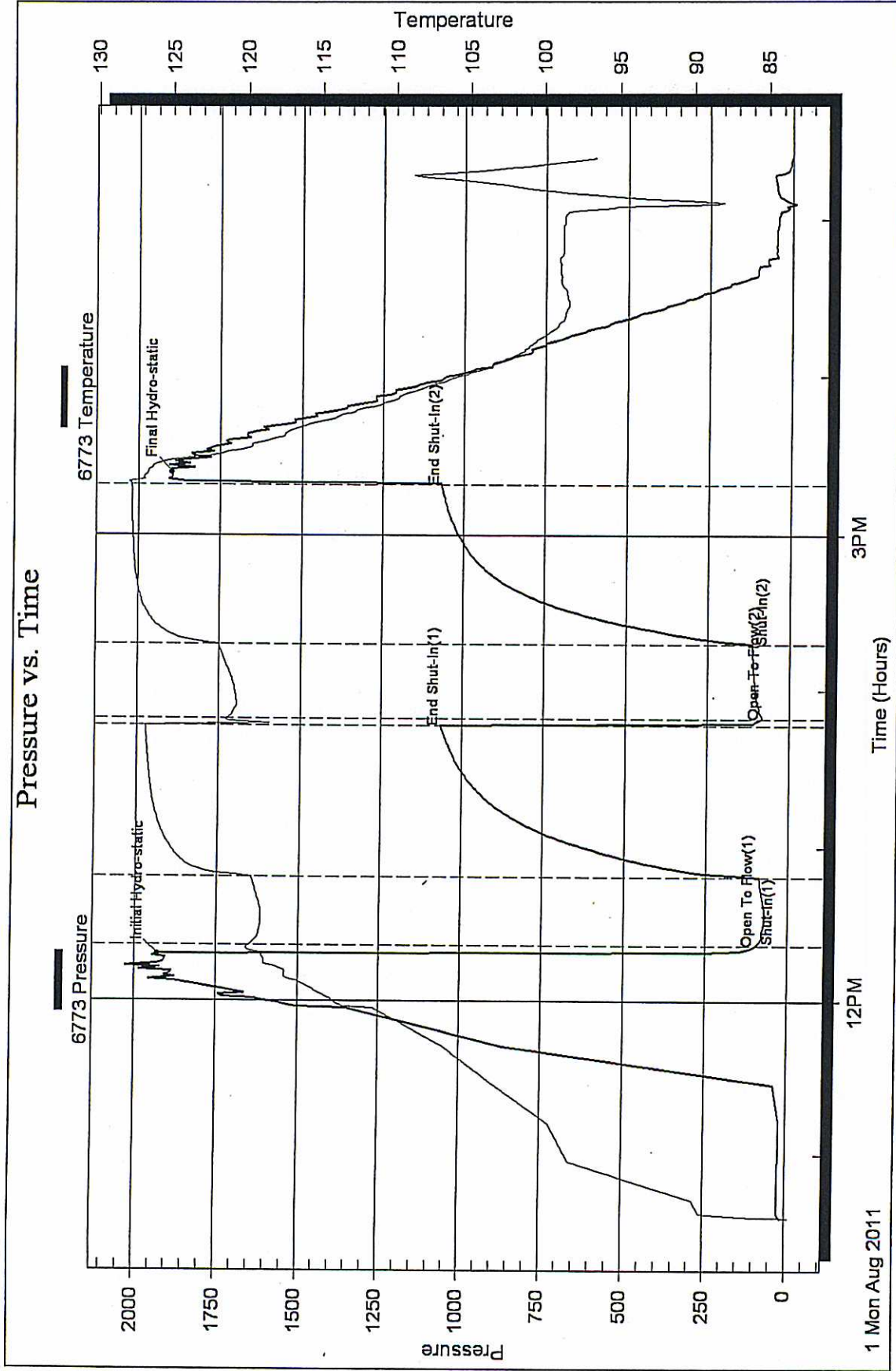
Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
1	5	0.25	7.00	33.95
1	10	0.25	7.00	33.95
1	20	0.13	10.00	9.13
1	30	0.13	19.00	12.50
2	2	0.13	12.00	9.88
2	10	0.13	27.00	15.50
2	20	0.13	32.00	17.37
2	30	0.13	34.00	18.12

Serial #: 6773

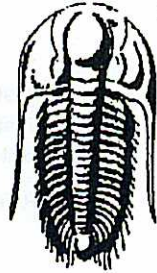
Outside Wildcat Oil & Gas LLC

19-29s-6w Kingman KS

DST Test Number: 2







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil & Gas LLC**

PO Box 40  
Spivey, KS 67142

ATTN: Gary Adelhardt/ Tim P

**19-29s-6w Kingman KS**

### Schrag #1

Start Date: 2011.08.02 @ 02:34:39

End Date: 2011.08.02 @ 08:55:54

Job Ticket #: 042525      DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Wildcat Oil & Gas LLC

**Schrag #1**

PO Box 40  
Spivey, KS 67142

**19-29s-6w Kingman KS**

Job Ticket: 042525      **DST#: 3**

ATTN: Gary Adelhardt/ Tim PS 67142

Test Start: 2011.08.02 @ 02:34:39

**GENERAL INFORMATION:**

Formation: **Miss.**

Deviated: **No Whipstock:**                      **ft (KB)**

Time Tool Opened: 04:16:54

Time Test Ended: 08:55:54

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **56**

Interval: **4170.00 ft (KB) To 4190.00 ft (KB) (TVD)**

Reference Elevations:                      **1552.00 ft (KB)**

Total Depth: **4190.00 ft (KB) (TVD)**

**1542.00 ft (CF)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **10.00 ft**

**Serial #: 8167**

**Inside**

Press@RunDepth: **30.46 psig @ 4171.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.08.02**

End Date:

**2011.08.02**

Last Calib.: **2011.08.02**

Start Time: **02:34:44**

End Time:

**08:55:53**

Time On Btmr **2011.08.02 @ 04:16:39**

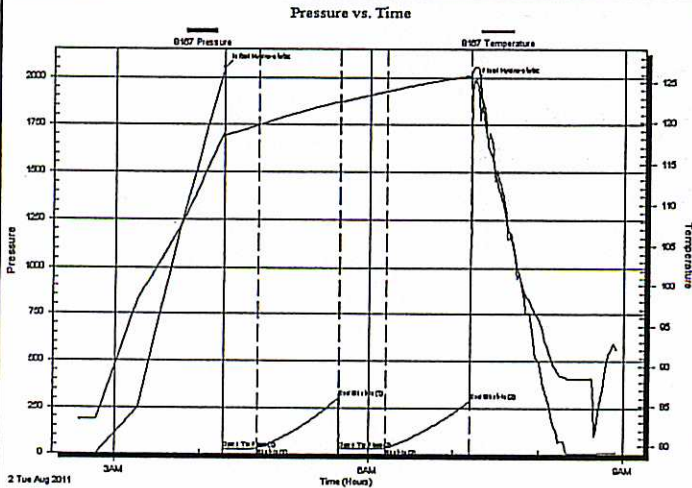
Time Off Btmr **2011.08.02 @ 07:14:09**

TEST COMMENT: IF:Weak blow . 1/2 - 3 1/2".

IS:No blow .

FF:Weak blow . 1/2 - 3 1/2".

FSI:No blow .



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2050.84	118.80	Initial Hydro-static
1	25.39	118.40	Open To Flow (1)
25	28.15	119.75	Shut-In(1)
82	305.12	122.63	End Shut-In(1)
83	22.33	122.59	Open To Flow (2)
116	30.46	123.91	Shut-In(2)
176	288.98	125.91	End Shut-In(2)
178	1979.90	126.91	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
15.00	Drig.mud/Good oil show @top of tool	0.07
0.00	230 ft.of GIP	0.00

**Gas Rates**

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Wildcat Oil & Gas LLC

**Schrag #1**

PO Box 40  
Spivey, KS 67142

**19-29s-6w Kingman KS**

Job Ticket: 042525

**DST#: 3**

ATTN: Gary Adelhard/ Tim PS 67142

Test Start: 2011.08.02 @ 02:34:39

**Tool Information**

Drill Pipe:	Length: 4033.00 ft	Diameter: 3.80 inches	Volume: 56.57 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 74000.00 lb
			<u>Total Volume: 57.16 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4170.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

**Tool Description**

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

C.O. Sub	1.00			4151.00	
Shut in tool	5.00			4156.00	
HMV	5.00			4161.00	
Packer	4.00			4165.00	20.00 Bottom Of Top Packer
Packer	5.00			4170.00	
Stubb	1.00			4171.00	
Recorder	0.00	8167	Inside	4171.00	
Recorder	0.00	8370	Outside	4171.00	
Perforations	14.00			4185.00	
Bullnose	5.00			4190.00	20.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>40.00</b>				



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Wildcat Oil & Gas LLC

**Schrag #1**

PO Box 40  
Spivey, KS 67142

**19-29s-6w Kingman KS**

Job Ticket: 042525      **DST#: 3**

ATTN: Gary Adelhardt/ Tim PS 67142

Test Start: 2011.08.02 @ 02:34:39

**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:	5000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.20 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
15.00	Drig.mud/Good oil show @top of tool	0.074
0.00	230 ft.of GIP	0.000

Total Length: 15.00ft      Total Volume: 0.074 bbl

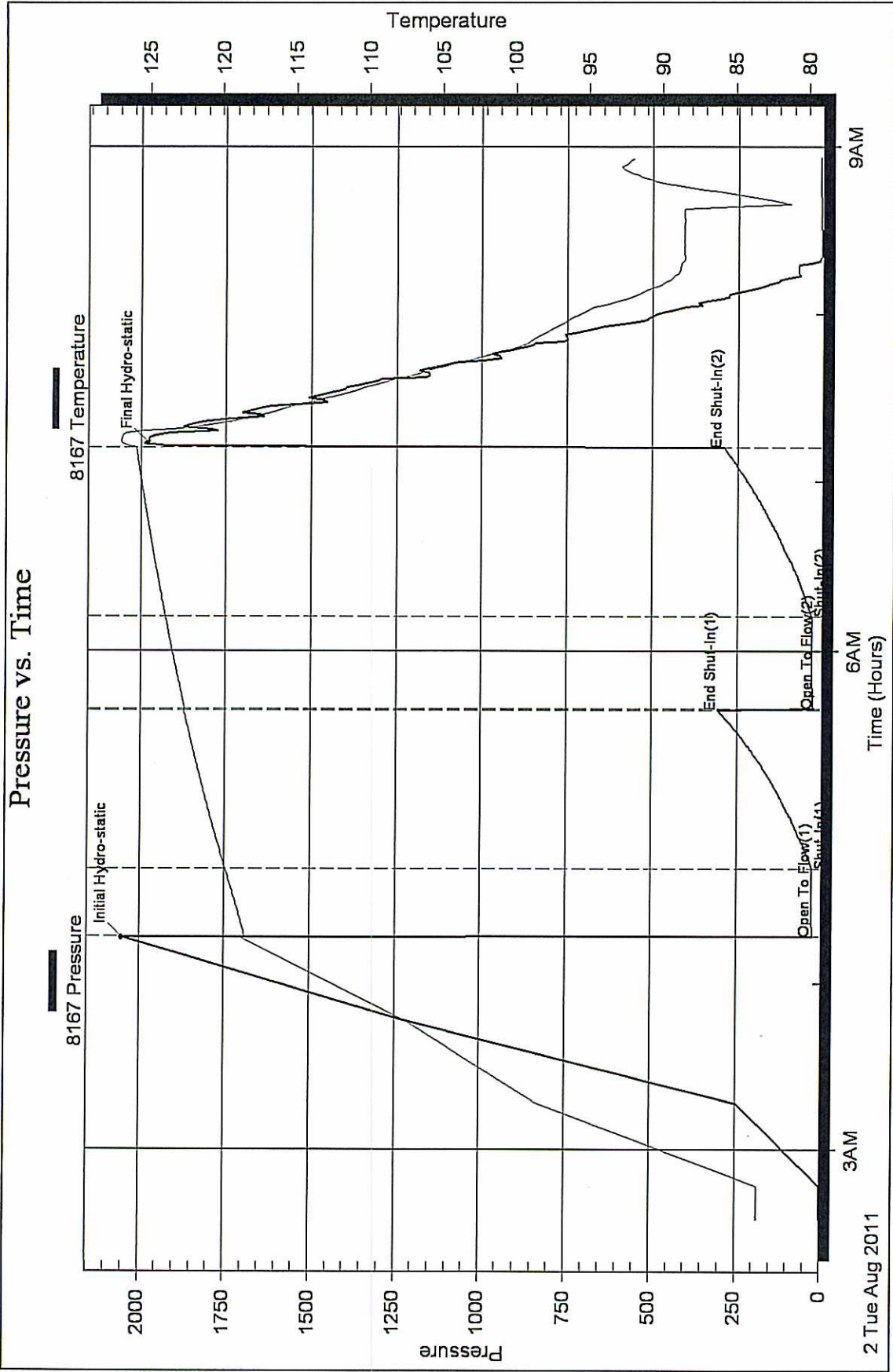
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial#: none

Laboratory Name:      Laboratory Location:

Recovery Comments:



### Pressure vs. Time







# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
AUG 03 2011

## Test Ticket

NO. 042540

Well Name & No. Schrag #1 Test No. 1 Date 7-30-11  
 Company Wildcat Oil & Gas Elevation 1552 KB 1542 GL  
 Address PO Box 40 Spiro KS 67142  
 Co. Rep / Geo. GARY Adelhardt / Tim Pierce Rig HARDT #1  
 Location: Sec. 19 Twp. 29s Rge. 6W Co. Kingman State KS

Interval Tested 3726 - 3742 Zone Tested KC  
 Anchor Length 16' Drill Pipe Run 3598 Mud Wt. 9.3  
 Top Packer Depth 3721 Drill Collars Run 118 Vis 40  
 Bottom Packer Depth 3726 Wt. Pipe Run 0 WL 15.2  
 Total Depth 3742 Chlorides 5500 ppm System LCM 0  
 Blow Description IF: STRONG blow BOB 16min  
ISI: NO blow back  
FF: STRONG blow BOB 22min  
FSI: NO blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>310</u>	<u>M, W</u>		<u>95</u>	<u>5</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 310 BHT 125 Gravity API RW, S3 @ 102° F Chlorides 9000 ppm

(A) Initial Hydrostatic 1810  Test 1125 T-On Location 10:30  
 (B) First Initial Flow 24  Jars \_\_\_\_\_ T-Started 11:25  
 (C) First Final Flow 123  Safety Joint \_\_\_\_\_ T-Open 13:18  
 (D) Initial Shut-In 1226  Circ Sub \_\_\_\_\_ T-Pulled 16:30  
 (E) Second Initial Flow 134  Hourly Standby \_\_\_\_\_ T-Out 18:30  
 (F) Second Final Flow 200  Mileage 100 miles 140' Comments \_\_\_\_\_  
 (G) Final Shut-In 1220  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1805  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 8  
 Initial Shut-In 60  Day Standby \_\_\_\_\_ Total 1265  
 Final Flow 30  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 60 Sub Total 1265

Approved By Tim Pierce Our Representative Chi [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
AUG 03 2011

## Test Ticket

NO. 042541

Well Name & No. Schragg #1 Test No. 2 Date 8-1-11  
 Company Wildcat oil & gas Elevation 1552 KB 1542 GL  
 Address PO Box 40 Spivey KS 67142  
 Co. Rep / Geo. GARY Adelhardt / Tim Pierce Rig Hardt #1  
 Location: Sec. 19 Twp. 29.5 Rge. 6W Co. Kingman State KS

Interval Tested 4115 - 4143 Zone Tested Mississippi  
 Anchor Length 28' Drill Pipe Run 4003 Mud Wt. 9.3  
 Top Packer Depth 4110 Drill Collars Run 118 Vis 47  
 Bottom Packer Depth 4115 Wt. Pipe Run 0 WL 10.0  
 Total Depth 4143 Chlorides 6.000 ppm System LCM 0

Blow Description IF: STRONG blow BOB 5 sec GTS 5 MIN (see gas Report)  
ISI: Weak surface blow back  
FF: STRONG blow BOB 2 sec (see gas Flow Report)  
FSL: Weak blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>75'</u>	<u>G, M</u>	<u>5</u>		<u>95</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 75' BHT 127 Gravity MC API RW - @ - °F Chlorides 6.000 ppm

(A) Initial Hydrostatic <u>1929</u>	<input checked="" type="checkbox"/> Test <u>1225</u>	T-On Location <u>9:45</u>
(B) First Initial Flow <u>98</u>	<input type="checkbox"/> Jars	T-Started <u>10:34</u>
(C) First Final Flow <u>86</u>	<input type="checkbox"/> Safety Joint	T-Open <u>12:21</u>
(D) Initial Shut-In <u>1068</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>15:30</u>
(E) Second Initial Flow <u>85</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>17:15</u>
(F) Second Final Flow <u>111</u>	<input checked="" type="checkbox"/> Mileage <u>100 miles 140</u>	Comments
(G) Final Shut-In <u>1070</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1896</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>8</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1365</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1365</u>	

Approved By Tim Pierce Our Representative Ch' St

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
AUG 05 2011

## Test Ticket

NO. 042525

Well Name & No. SCHIRAG #1 Test No. 3 Date 08-02-11  
 Company WILDCAT OIL & GAS LLC Elevation 1552 KB 1542 GL  
 Address P.O. Box 40, SPIVEY Ks. 62142  
 Co. Rep / Geo. TIM PIERCE Rig HARDT DRUG #1  
 Location: Sec. 19 Twp. 29S Rge. 6W Co. KINGMAN State Ks.

Interval Tested 4170 - 4190' Zone Tested MISS.  
 Anchor Length 20' Drill Pipe Run 4033' Mud Wt. 9.1  
 Top Packer Depth 4165' Drill Collars Run 120 Vis SI  
 Bottom Packer Depth 4170' Wt. Pipe Run 0 WL 9.6cc  
 Total Depth 4190' Chlorides 5000 ppm System LCM 2#  
 Blow Description IF: Weak blow. 1/2 - 3 1/2". ISI: No blow.

FF: Weak blow. 1/2 - 3 1/2". FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>230</u>	<u>Gas in pipe</u>				
<u>15</u>	<u>Drilg. Mud / Good show of</u>				
	<u>oil @ top of tool.</u>				

Rec Total 15 Fluid BHT 126° Gravity N/A API RW N.C. @ — °F Chlorides 5000 ppm

(A) Initial Hydrostatic	<u>2051</u>	<input checked="" type="checkbox"/> Test	<u>1225-</u>	T-On Location	<u>0157</u>
(B) First Initial Flow	<u>25</u>	<input type="checkbox"/> Jars		T-Started	<u>0234</u>
(C) First Final Flow	<u>28</u>	<input type="checkbox"/> Safety Joint		T-Open	<u>0416</u>
(D) Initial Shut-In	<u>305</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>0710</u>
(E) Second Initial Flow	<u>22</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>0855</u>
(F) Second Final Flow	<u>30</u>	<input checked="" type="checkbox"/> Mileage	<u>1005 140</u>	Comments	
(G) Final Shut-In	<u>289</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1980</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 30  
 Final Shut-In 60

Shale Packer  
 Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility  
 Sub Total 1365-

Ruined Packer  
 Extra Copies  
 Sub Total 8  
 Total 1365-  
 MP/DST Disc't

Approved By Tim Pierce

Our Representative Cory P. ...





PO BOX 31 Russell, KS 67665

# INVOICE

Invoice Number: 128022

Invoice Date: Jul 25, 2011

Page: 1

Voice: (785) 483-3887  
 Fax: (785) 483-5566

RECEIVED AUG 08 2011

<b>Bill To:</b>
Wildcat Oil & Gas P O Box 40 Spivey, KS 67142

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Wild	Schrag #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Medicine Lodge	Jul 25, 2011	8/24/11

Quantity	Item	Description	Unit Price	Amount
99.00	MAT	Class A Common	16.25	1,608.75
66.00	MAT	Pozmix	8.50	561.00
3.00	MAT	Gel	21.25	63.75
5.00	MAT	Chloride	58.20	291.00
173.00	SER	Handling	2.25	389.25
30.00	SER	Mileage	19.03	570.90
1.00	SER	Surface	1,125.00	1,125.00
60.00	SER	Heavy Vehicle Mileage	7.00	420.00
60.00	SER	Light Vehicle Mileage	4.00	240.00
1.00	CEMENTER	Carl Balding		
1.00	CEMENTER	David Felio		
1.00	OPER ASSIST	Dustin Elam		

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF  <b>\$ 1053.93</b>  ONLY IF PAID ON OR BEFORE <b>Aug 19, 2011</b>	Subtotal	5,269.65
	Sales Tax	159.04
	Total Invoice Amount	5,428.69
	Payment/Credit Applied	
	<b>TOTAL</b>	<b>5,428.69</b>

# ALLIED CEMENTING CO., LLC. 040719

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

ML

DATE <u>7-25-11</u>	SEC <u>19</u>	TWP <u>28S</u>	RANGE <u>6W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>2:40 PM</u>
LEASE <u>Schrag</u>	WELL # <u>1</u>	LOCATION <u>Bagg, Jct 4 N,</u>			COUNTY <u>Kingman</u>	STATE <u>Ks.</u>	
OLD OR NEW (Circle one)		<u>3E, 9/2</u>					

CONTRACTOR <u>Hard #1</u>	OWNER <u>Wildcat Oil + Gas</u>
TYPE OF JOB <u>Surface</u>	

HOLE SIZE	T.D.
CASING SIZE <u>8 5/8</u>	DEPTH <u>207'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>200</u>	MINIMUM <u>—</u>
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>13 Bbls</u>	

CEMENT	
AMOUNT ORDERED	<u>165 5x 60:40:3+2</u>

COMMON <u>Class A 99</u>	@ <u>16.25</u>	<u>1608.75</u>
POZMIX <u>06</u>	@ <u>8.50</u>	<u>561.00</u>
GEL <u>3</u>	@ <u>21.25</u>	<u>63.75</u>
CHLORIDE <u>5</u>	@ <u>34.80</u>	<u>174.60</u>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	

HANDLING <u>173</u>	@ <u>2.25</u>	<u>389.25</u>
MILEAGE <u>173 / 1.11 / 30</u>	@	<u>570.90</u>
TOTAL		<u>3368.25</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Carl Redding</u>
# <u>360-265</u>	HELPER <u>Dave Felin</u>
BULK TRUCK	
# <u>363-210</u>	DRIVER <u>Dustin Elam</u>
BULK TRUCK	
#	DRIVER

REMARKS:

Run 207' 8 5/8  
+ 15' 8 5/8 1/2  
Break circulation  
Mix 165 5x 60:40:3+2  
Displace w/ 13 Bbls  
Leave 15' cement in  
pipe + shut in.  
Cement did circulate

SERVICE

DEPTH OF JOB <u>207'</u>	
PUMP TRUCK CHARGE	<u>1125.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>60</u>	@ <u>7.00</u> <u>420.00</u>
MANIFOLD	@
<u>light vehicle 60</u>	@ <u>4.00</u> <u>240.00</u>
TOTAL <u>1785.00</u>	

CHARGE TO: Wildcat Oil + Gas

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment  
and furnish cementer and helper(s) to assist owner or





PO BOX 31 Russell, KS 67665

# INVOICE

Invoice Number: 128104

Invoice Date: Aug 3, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

RECEIVED AUG 15 2011

**Bill To:**

Wildcat Oil & Gas  
P O Box 40  
Spivey, KS 67142

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Wild	Schrag #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-02	Medicine Lodge	Aug 3, 2011	9/2/11

Quantity	Item	Description	Unit Price	Amount
24.00	MAT	Class A Common	16.25	390.00
16.00	MAT	Pozmix	8.50	136.00
2.00	MAT	Gel	21.25	42.50
125.00	MAT	Class H Premium	19.25	2,406.25
13.00	MAT	Salt	23.95	311.35
625.00	MAT	Kolseal	0.89	556.25
14.00	MAT	SMS	3.00	42.00
194.00	SER	Handling	2.25	436.50
30.00	SER	Mileage	21.34	640.20
1.00	SER	Production	2,405.00	2,405.00
60.00	SER	Heavy Vehicle Mileage	7.00	420.00
1.00	SER	Manifold Head Rental	200.00	200.00
60.00	SER	Light Vehicle Mileage	4.00	240.00
1.00	EQP	4 1/2 Guide Shoe	192.00	192.00
1.00	EQP	4 1/2 AFU Insert	249.00	249.00
10.00	EQP	4 1/2 Reciprocating Scratchers	118.00	1,180.00
1.00	EQP	4 1/2 Top Rubber Plug	71.00	71.00
4.00	EQP	4 1/2 Centralizers	48.00	192.00
1.00	CEMENTER	David Felio		
1.00	EQUIP OPER	Ron Gilley		
1.00	EQUIP OPER	Adam Miller		

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 2022.01

ONLY IF PAID ON OR BEFORE Aug 28, 2011

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
<b>TOTAL</b>	<b>Continued</b>



PO BOX 31 Russell, KS 67665

# INVOICE

Invoice Number: 128104

Invoice Date: Aug 3, 2011

Page: 2

Voice: (785) 483-3887

Fax: (785) 483-5566

<b>Bill To:</b>
Wildcat Oil & Gas P O Box 40 Spivey, KS 67142

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Wild	Schrag #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-02	Medicine Lodge	Aug 3, 2011	9/2/11

Quantity	Item	Description	Unit Price	Amount
1.00	OPER ASSIST	Dustin Elam		

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 2022.01

ONLY IF PAID ON OR BEFORE  
Aug 28, 2011

Subtotal	10,110.05
Sales Tax	363.41
Total Invoice Amount	10,473.46
Payment/Credit Applied	
<b>TOTAL</b>	<b>10,473.46</b>



# ALLIED CEMENTING CO., LLC. 037775

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
*Medicine Lodge, KS*

DATE <i>08-03-11</i>	SEC. <i>19</i>	TWP. <i>29S</i>	RANGE <i>06W</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>9:00 Am</i>
LEASE <i>Schrag</i>	WELL # <i>1</i>	LOCATION <i>Rago, KS, 4N, 3E, 5/4th</i>			COUNTY <i>Kingman</i>	STATE <i>KS</i>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR *Handt* OWNER *Wildcat*

TYPE OF JOB <i>Production Casing</i>	
HOLE SIZE <i>7 7/8</i>	T.D. <i>4268</i>
CASING SIZE <i>4 1/2</i>	DEPTH <i>4263</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <i>1000</i>	MINIMUM <i>-</i>
MEAS. LINE	SHOE JOINT <i>30.72</i>
CEMENT LEFT IN CSG. <i>31'</i>	
PERFS.	
DISPLACEMENT <i>6 7/8 Bbls 2% KCL Water</i>	

EQUIPMENT

PUMP TRUCK	CEMENTER <i>D. Felix</i>
# <i>471-302</i>	HELPER <i>R. Gilley</i>
BULK TRUCK	
# <i>421-252</i>	DRIVER <i>A. Miller / D. Elam</i>
BULK TRUCK	
#	DRIVER

CEMENT			
AMOUNT ORDERED	<i>40s x 60:40:40 @ 4% + 4%</i>		
	<i>SMS # 1255 r class H + 10% salt + 5# Kalscal #</i>		
	<i>500 gal ASF # 8 gal 5 Clapco</i>		
COMMON	<i>24 Class A</i>	@ <i>16.25</i>	<i>390.</i>
POZMIX	<i>16</i>	@ <i>8.50</i>	<i>136.</i>
GEL	<i>2</i>	@ <i>21.25</i>	<i>42.50</i>
CHLORIDE		@	
ASC		@	
	<i>Class # 125</i>	@ <i>19.25</i>	<i>2406.25</i>
	<i>SALT 13</i>	@ <i>23.95</i>	<i>311.35</i>
	<i>Kalscal 625 #</i>	@ <i>.89</i>	<i>556.25</i>
	<i>SMS 14 #</i>	@ <i>3.-</i>	<i>42.-</i>
		@	
		@	
		@	
		@	
HANDLING	<i>194</i>	@ <i>2.25</i>	<i>436.50</i>
MILEAGE	<i>194/30/11</i>		<i>640.20</i>
			<b>TOTAL <i>4961.05</i></b>

REMARKS:

*Pipe on Bttm, Break Circ., Pump Pre flush, Plug Rat Hole w/ 155x60:40 cement, Pump 25x Scavenger Cement, Mix 1255x tool Cement, Stop Pump, Wash Pump & Lines, Release Plug, Start Disp w/ 2% KCL Water, See Study, increase in Pst, Slow rate, Stop Recip. Pipe, Slow Rate, Pump Plug at 6 7/8 Bbls total Disp., Release Pst, Float Did*

SERVICE

DEPTH OF JOB	<i>4263</i>	
PUMP TRUCK CHARGE		<i>2405.-</i>
EXTRA FOOTAGE	@	
MILEAGE	<i>60</i>	@ <i>7.00</i> <i>420.-</i>
MANIFOLD <i>Head Rental</i>	@ <i>200.</i>	<i>200.-</i>
<i>Light+Vehicle</i>	<i>60</i>	@ <i>4.00</i> <i>240.-</i>
	@	

TOTAL *3265.*

CHARGE TO: *Wildcat*  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

<i>1-Guide Shoe</i>	@ <i>192.</i>	<i>192.</i>
<i>1-AFU insert</i>	@ <i>249.</i>	<i>249.</i>
<i>10-Recip. Scratchers</i>	@ <i>118.</i>	<i>1180.</i>
<i>1-TRP</i>	@ <i>71.</i>	<i>71.</i>
<i>* 4-centralizers (W-G)</i>	@ <i>48.</i>	<i>192.</i>

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or

*4 1/2"*