



KANSAS CORPORATION COMMISSION 1061832
OIL & GAS CONSERVATION DIVISION

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31337
Name: Wildcat Oil & Gas LLC
Address 1: P.O. Box 40
Address 2: _____
City: SPIVEY State: KS Zip: 67142 + _____
Contact Person: Gary Adelhardt
Phone: (620) 243-4401
CONTRACTOR: License # 33902
Name: Hardt Drilling LLC
Wellsite Geologist: Timothy Pierce
Purchaser: Pacer Energy(oil); WWGG (gas)

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 #: _____

<u>07/25/2011</u>	<u>08/02/2011</u>	<u>08/19/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-095-22228-00-00
Spot Description: _____
E2 SW NW Sec. 19 Twp. 29 S. R. 6 East West
3300 Feet from North / South Line of Section
990 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Kingman
Lease Name: Schrag Well #: 1
Field Name: _____
Producing Formation: Mississippi
Elevation: Ground: 1542 Kelly Bushing: 1552
Total Depth: 4268 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 220 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 cm.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 48000 ppm Fluid volume: 700 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Wildcat Oil & Gas, LLC
Lease Name: Adelhardt SWD License #: 31337
Quarter SW Sec. 7 Twp. 30 S. R. 8 East West
County: Kingman Permit #: D30389

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: Deanna Garrison Date: 11/02/2011



1061832

Operator Name: Wildcat Oil & Gas LLC Lease Name: Schrag Well #: 1
 Sec. 19 Twp. 29 S. R. 6 East West County: Kingman

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual compensated Porosity Log Dual Induction Log Sonic Cement Bond Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner Shale</td> <td>3056</td> <td>-1504</td> </tr> <tr> <td>Lansing</td> <td>3296</td> <td>-1744</td> </tr> <tr> <td>Kansas City</td> <td>3570</td> <td>-2019</td> </tr> <tr> <td>Stark Shale</td> <td>3720</td> <td>-2168</td> </tr> <tr> <td>Cherokee Shale</td> <td>3969</td> <td>-2417</td> </tr> <tr> <td>Mississippi</td> <td>4110</td> <td>-2558</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner Shale	3056	-1504	Lansing	3296	-1744	Kansas City	3570	-2019	Stark Shale	3720	-2168	Cherokee Shale	3969	-2417	Mississippi	4110	-2558
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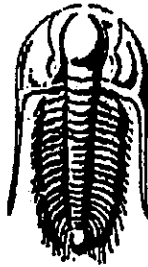
CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.6250	23.0	207	60:40	165	3% + 2%
Production	7.8750	4.50	10.5	4261	60:40	40	4% gel + 4% sms

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
4	4112-4118	2900 gal. 10% HCL acid; 900 gal.	
4	4127-4128	2900 gal 10% HCL Acid; 900 ea	
4	4158-4162	MIRA; 6 ea CIA-1 EP; 2000 ea of	
		FE & NE Acid; 3 ea Claymax;	
		84 eac ball sealer	

TUBING RECORD:	Size: <u>2-3/8"</u>	Set At: <u>4200'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>10/18/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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 checked="" 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 checked="" 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

Wildcat Oil & Gas LLC

Schrag #1

19-29s-6w Kingman KS

DST # 1

KC

2011.07.30



PO BOX 31 Russell, KS 67665

RECEIVED AUG 08 2011

INVOICE

Invoice Number: 128022

Invoice Date: Jul 25, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

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

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		

Subtotal	5,269.65
Sales Tax	159.04
Total Invoice Amount	5,428.69
Payment/Credit Applied	
TOTAL	5,428.69

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

\$ 1053.93

ONLY IF PAID ON OR BEFORE

Aug 19 2011

ALLIED CEMENTING CO., LLC. 040719

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

SERVICE POINT:
ML

DATE <u>7-25-11</u>	SEC <u>19</u>	TWP <u>29S</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>Bqo, Jct 4 N,</u>			COUNTY <u>Kingman</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)		<u>3E, S/S</u>					

CONTRACTOR Hard #1 OWNER Wildcat Oil + Gas
TYPE OF JOB Surface

HOLE SIZE	T.D.	CEMENT
CASING SIZE <u>8-9/8</u>	DEPTH <u>207'</u>	AMOUNT ORDERED
TUBING SIZE	DEPTH	<u>165 sx 60:40:3+2</u>
DRILL PIPE	DEPTH	
TOOL	DEPTH	

PRES. MAX <u>280</u>	MINIMUM	COMMON <u>Class A 99</u>	@ <u>16.25</u>	<u>1608.75</u>
MEAS. LINE	SHOE JOINT	POZMIX <u>80</u>	@ <u>8.50</u>	<u>561.00</u>
CEMENT LEFT IN CSG.		GEL <u>3</u>	@ <u>21.25</u>	<u>63.75</u>
PERFS.		CHLORIDE <u>5</u>	@ <u>58.20</u>	<u>174.60</u>
DISPLACEMENT <u>13 Bbls</u>		ASC	@	

EQUIPMENT

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

HANDLING <u>173</u>	@ <u>2.25</u>	<u>389.25</u>
MILEAGE <u>173</u>	@ <u>1.1</u>	<u>190.30</u>
TOTAL		<u>3368.25</u>

REMARKS:
Run 207' 8-9/8
+ 15' 8-9/8
Break circulation
Mix 165 sx 60:40:3+2
Displace w/ 13 Bbls
Lauca 15' cement in
pipe + shut in
Cement did circulate.

CHARGE TO: Wildcat Oil + Gas
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>207'</u>	
PUMP TRUCK CHARGE	<u>1125</u>
EXTRA FOOTAGE	@
MILEAGE <u>60</u>	@ <u>7.00</u> <u>420</u>
MANIFOLD	@
<u>light vehicle 60</u>	@ <u>4.00</u> <u>240</u>
TOTAL <u>1785</u>	

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

RECEIVED AUG 15 2011

Voice: (785) 483-3887

Fax: (785) 483-5566

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

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

\$ 20,222.00

ONLY IF PAID ON OR BEFORE
AUG 28 2011

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



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

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

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	
TOTAL	10,473.46

ALLIED CEMENTING CO., LLC. 037775

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
LEASE <i>SCHrag</i>	WELL # <i>1</i>	LOCATION <i>Raga KS, 4N, 3E, 5/4</i>			COUNTY <i>Kingman</i>	STATE <i>KS</i>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR *Hardt* OWNER *Wildcat*

TYPE OF JOB: *Production Casing*

HOLE SIZE *7 7/8* T.D. *4268* CEMENT AMOUNT ORDERED: *40% 60:40:40 + 4%*

CASING SIZE *4 1/2* DEPTH *4263* *SMS # 125 x class # 4 + 10% salt + 5% Kalsol*

TUBING SIZE DEPTH *Sodged ASF & Regals Clips*

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX. *1000* MINIMUM: *—* COMMON: *24 Class A @ 16.25 390.*

MEAS. LINE SHOE JOINT *30.72* POZMIX *16 @ 8.50 136.*

CEMENT LEFT IN CSG: *31* GEL *2 @ 21.25 42.50*

PERFS: CHLORIDE @

DISPLACEMENT: *6 7/8 BGLs 2% RCL Water* ASC @

EQUIPMENT

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

Class # <i>125</i>	@ <i>14.25</i>	<i>2406.25</i>
SALT <i>13</i>	@ <i>23.75</i>	<i>311.25</i>
Kalsol <i>625 #</i>	@ <i>8.75</i>	<i>550.25</i>
SMS <i>14 #</i>	@ <i>3.00</i>	<i>42.00</i>
	@	
	@	
	@	
	@	
	@	
HANDLING <i>194</i>	@ <i>2.25</i>	<i>436.50</i>
MILEAGE <i>180/30/11</i>	@	<i>640.20</i>
		TOTAL: <i>4961.05</i>

REMARKS:

*Pipe on Btm, Break Circ, Pump Pre flush Plug out
Hole w/ 15% 60:40 cement, Pump # 255 Scavenger
Cement, Mix 125 x class # 4, Cement Stop Pump, Wash
Pump & Lines, Release Plug, Start Disp w/ 2% RCL
Water, See Sme in case in Pst, Slow rate
Stop Recip Pipe, Slow Rate, Pump Plug out 6 7/8
BGLs 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>420.00</i>
MANIFOLD <i>Head Rental</i>	@ <i>200.</i>	<i>200.00</i>
<i>Light Vehicle 60</i>	@ <i>4.00</i>	<i>240.00</i>
	@	
		TOTAL <i>3265.</i>

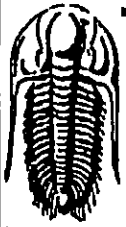
CHARGE TO: *Wildcat*
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

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



**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

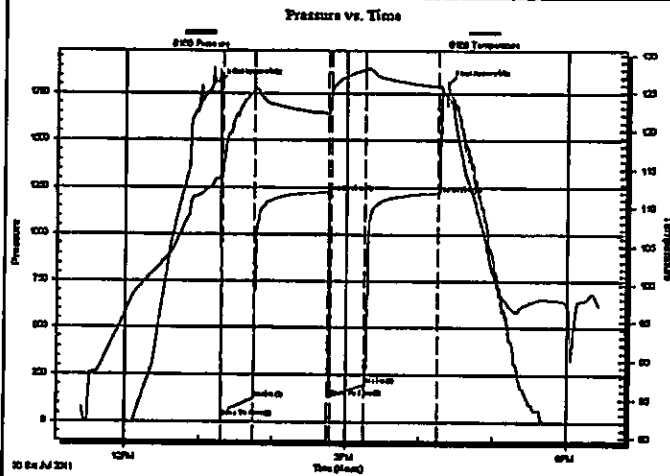
Test Start: 2011.07.30 @ 11:25:03

GENERAL INFORMATION:

Formation: **KC**
 Deviated: **No** Whipstock: ft (KB)
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **13:18:18**
 Tester: **Chris Staats**
 Time Test Ended: **18:27:03**
 Unit No: **34**
 Interval: **3728.00 ft (KB) To 3742.00 ft (KB) (TVD)**
 Reference Bevatons: **1552.00 ft (KB)**
 Total Depth: **3742.00 ft (KB) (TVD)**
1542.00 ft (CF)
 Hole Diameter: **7.88 inches** hole Condition: **Foor**
 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 Blm: **2011.07.30 @ 13:15:18**
 Time Off Blm: **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

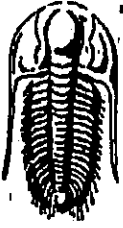
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1810.93	113.84	Initial Hydro-static
3	24.87	114.17	Open To Flow (1)
29	123.97	125.20	Shut-In (1)
90	1226.77	122.31	End Shut-In (1)
92	134.08	124.61	Open To Flow (2)
120	200.71	128.04	Shut-In (2)
180	1220.08	125.80	End Shut-In (2)
188	1805.00	124.43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

Recovery

Length (ft)	Description	Volume (bbl)
310.00	MW 5% mud 95% water	3.27

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mc/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
			Total Volume: 51.05 bbl	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
Total Tool Length:	37.00				



**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 Adelhard / 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:

bbbl

Water Loss: 15.16 in³

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: 310.00 ft

Total Volume: 3.274 bbl

Num Fluid Samples: 0

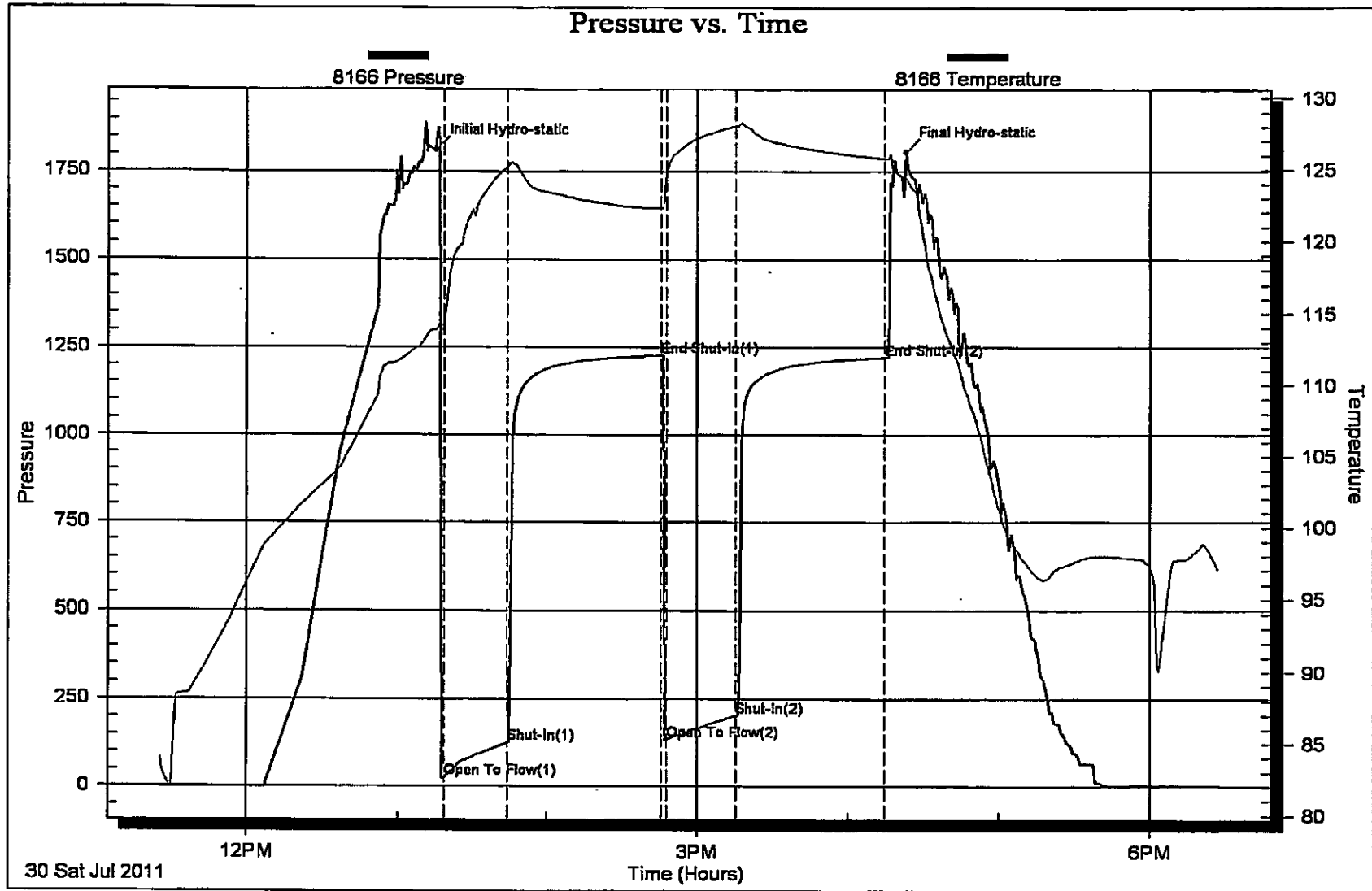
Num Gas Bombs: 0

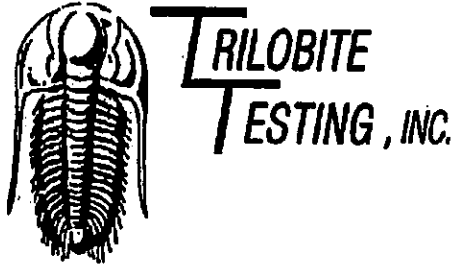
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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



**TRIOBITE
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 Adelhard/ 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 GR/CF: 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

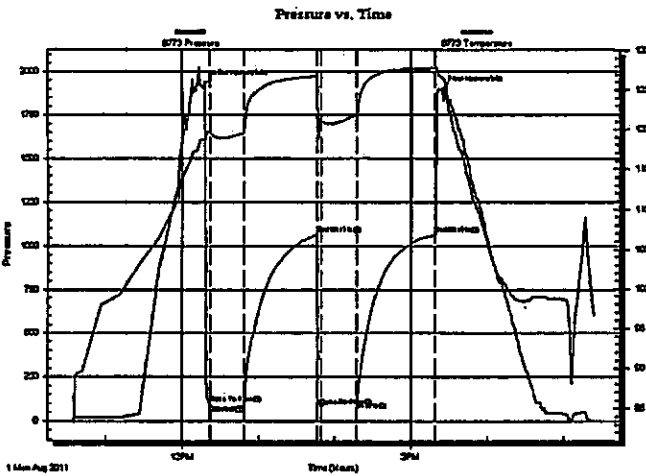
Capacity: 8000.00 psig

Last Calib.: 2011.08.01

Time On Btm: 2011.08.01 @ 12:17:55

Time Off Btm: 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

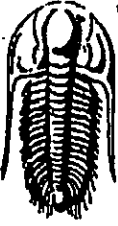
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1929.02	118.78	Initial Hydro-static
4	98.66	119.67	Open To Flow (1)
31	86.34	119.56	Shut-In(1)
89	1068.55	126.75	End Shut-In(1)
91	85.23	121.33	Open To Flow (2)
120	111.17	121.86	Shut-In(2)
181	1070.03	127.76	End Shut-In(2)
186	1896.16	126.65	Final 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 Adelhard/ 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
			<u>Total Volume: 56.73 bbl</u>	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
Total Tool Length:	49.00				



**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 Adelhardt/ 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 in³

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 Adelhard/ Tim PS 67142

Test Start: 2011.08.01 @ 10:34:55

Gas Rates Information

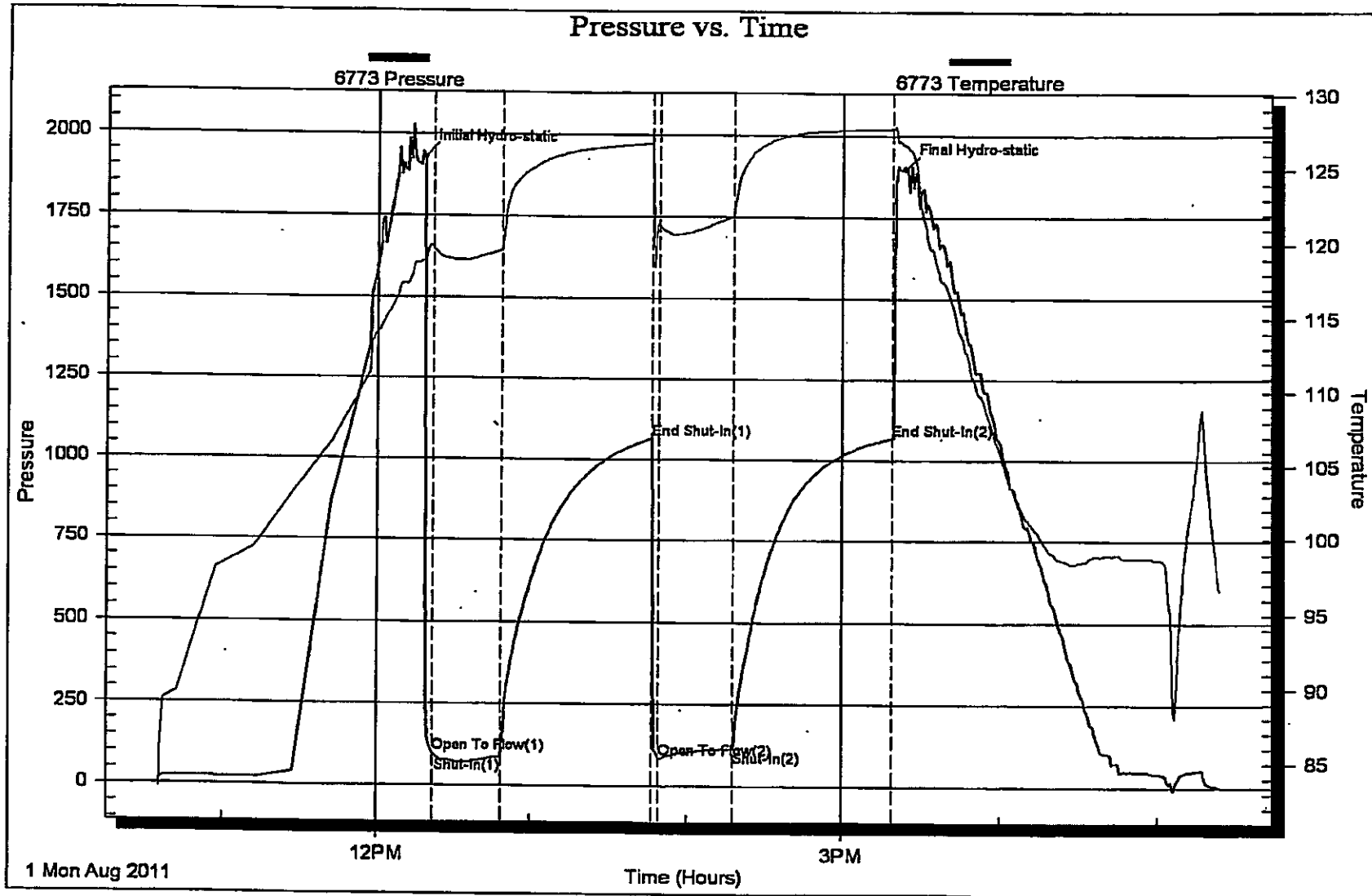
Temperature: 59 deg C

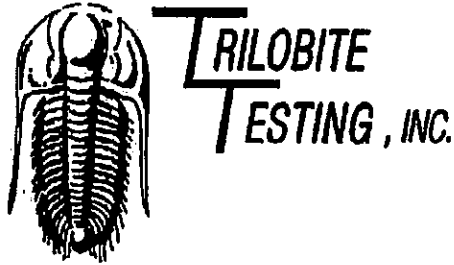
Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /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





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

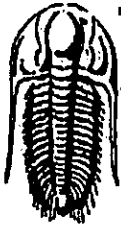
Schrag #1

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 Fevoteaux

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 Btm

2011.08.02 @ 04:16:39

Time Off Btm

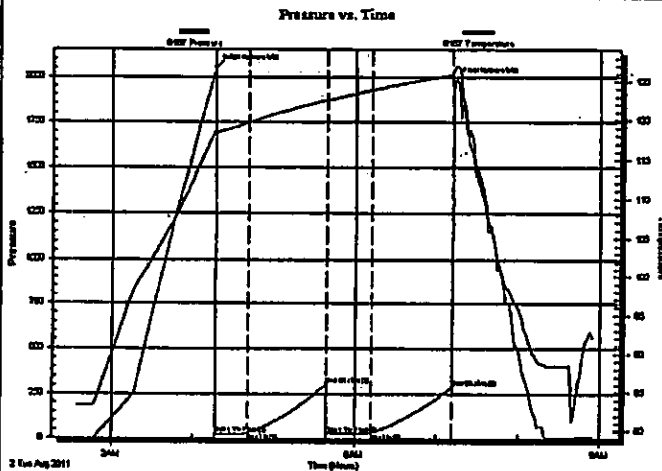
2011.08.02 @ 07:14:09

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

IS:No blow.

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

FS:No blow.



PRESSURE SUMMARY

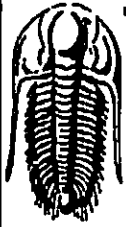
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2050.84	118.80	Initial Hydro-static
1	25.39	118.40	Open To Flow (1)
25	28.15	119.75	Shut-In(1)
82	305.12	122.63	End Shut-In(1)
83	22.33	122.59	Open To Flow (2)
118	30.46	123.91	Shut-In(2)
176	288.98	125.91	End Shut-In(2)
178	1979.90	126.91	Final Hydro-static

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

Wldcat 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

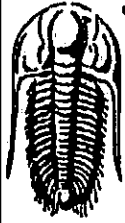
Tool Information

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	
HW	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
Total Tool Length:	40.00				



**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 Adelhard/ Tim FS 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:

bbbl

Water Loss: 9.59 in³

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 bbbl
15.00	Drig.mud/Good oil show @top of tool	0.074
0.00	230 ft.Lof GIP	0.000

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

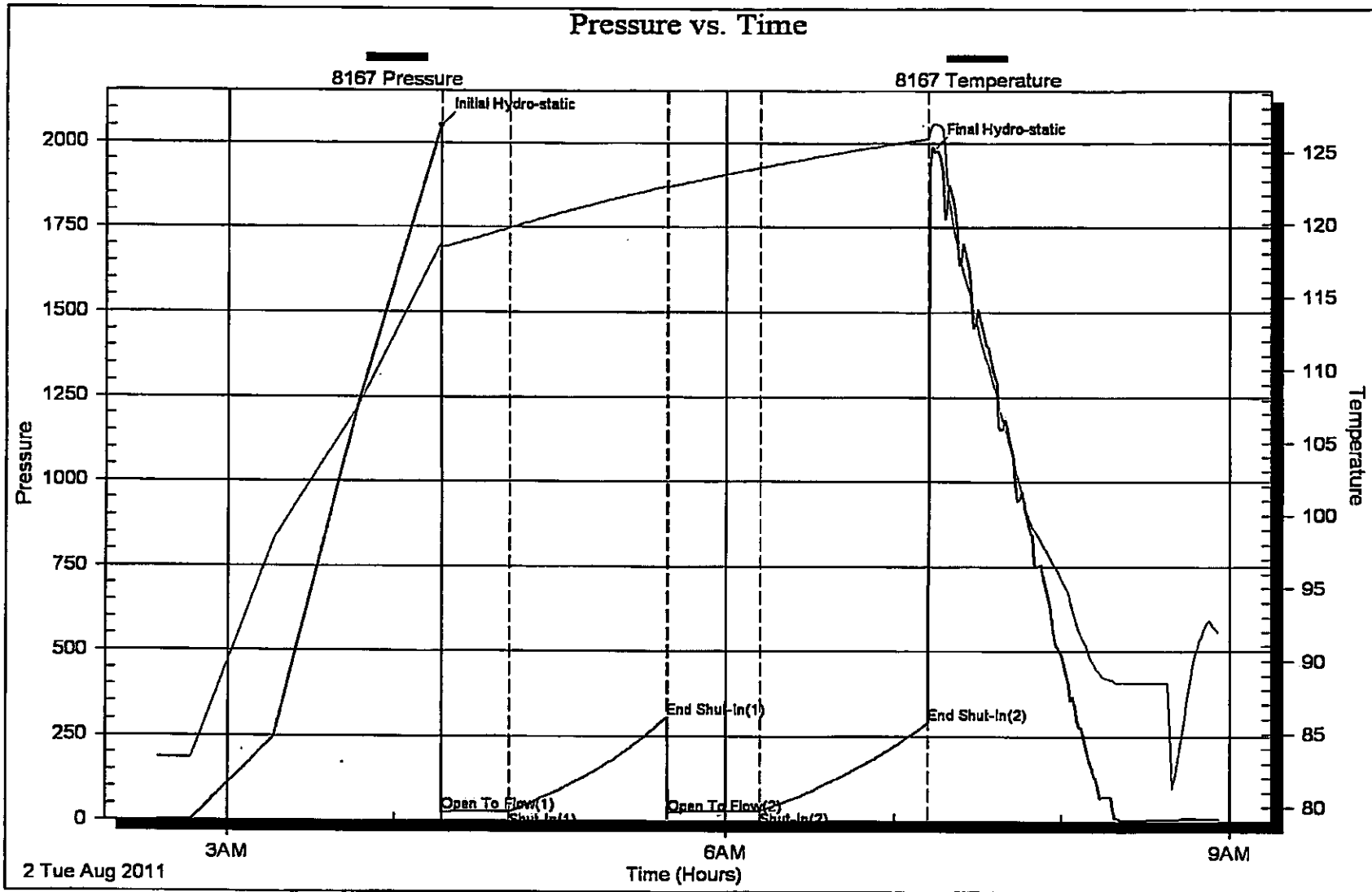
Num Gas Bombs: 0

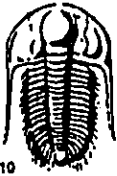
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





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 Spivey 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 16 min
ISI: NO blow back
FF: STRONG blow BOB 22 min
FSI: NO blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>310</u>	<u>M, W</u>		<u>9.5</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 Total 310 BHT 125 Gravity 1125 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 _____
 Extra Recorder _____ Sub Total 8
 Day Standby _____ Total 1265
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1265

Approved By Tim Pierce Our Representative Ch. [Signature]

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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)
IS: Weak surface blow back
FF: STRONG blow BOB 2 sec (see gas flow report)
FST: 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 NC API RW - @ - °F Chlorides 6.000 ppm

- (A) Initial Hydrostatic 1929
- (B) First Initial Flow 98
- (C) First Final Flow 86
- (D) Initial Shut-In 1068
- (E) Second Initial Flow 85
- (F) Second Final Flow 111
- (G) Final Shut-In 1070
- (H) Final Hydrostatic 1896

- Test 1225
- Jars
- Safety Joint
- Circ Sub
- Hourly Standby
- Mileage 100 miles 140
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 1365

T-On Location 9:45
 T-Started 10:34
 T-Open 12:21
 T-Pulled 15:30
 T-Out 17:15

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

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

Approved By Tim Pierce Our Representative Ch' [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
AUG 05 2011

Test Ticket

NO. 042525

Well Name & No. SCHPAG #1 Test No. 3 Date 08-02-11
 Company WILCOAT OIL & GAS LLC Elevation 1552 KB 1542 GL
 Address P.O. Box 40, SPIVEY Ks. 62142
 Co. Rep / Geo. TIM PIERCE Rig HARDT DRLLG #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". IST: No blow.
FF: Weak blow. 1/2 - 3 1/2". FST: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>230</u>	<u>Gas in pipe</u>				
<u>25</u>	<u>Drly 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 5,000 ppm

(A) Initial Hydrostatic 205.1 Test 1225- T-On Location 0157
 (B) First Initial Flow 25 Jars _____ T-Started 0234
 (C) First Final Flow 28 Safety Joint _____ T-Open 0416
 (D) Initial Shut-In 305 Circ Sub _____ T-Pulled 0710
 (E) Second Initial Flow 22 Hourly Standby _____ T-Out 0855
 (F) Second Final Flow 30 Mileage (100) 140 Comments _____
 (G) Final Shut-In 289 Sampler _____
 (H) Final Hydrostatic 1980 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1365-

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

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

Approved By Tim Pierce Our Representative Craig P. Swartz

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