



**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: \_\_\_\_\_



1068874

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)* \_\_\_\_\_

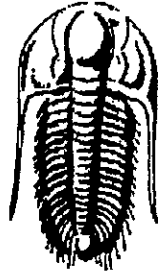
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD 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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Molitor Oil, Inc.
Well Name	Cross #3
Doc ID	1068874

All Electric Logs Run

Dual Compensated Porosity Log
Microresistivity Log
Dual Induction Log
Sonic Cement Bond Log



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

## DRILL STEM TEST REPORT

Prepared For: **Molitor Oil Co.**

9517 SW 80th Ave.  
Spivey, KS 67142

ATTN: Max Lovely

**31-29s-8w Kingman,KS**

**Cross #3**

Start Date: 2011.07.17 @ 04:31:35

End Date: 2011.07.17 @ 12:03:50

Job Ticket #: 042516          DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Molitor Oil Co.

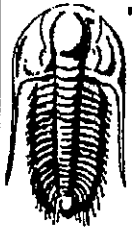
Cross #3

31-29s-8w Kingman,KS

DST # 1

Lansing Dennis

2011.07.17



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Mollitor Oil Co.  
9517 SW 80th Ave.  
Spivey, KS 67142  
ATTN: Max Lovely

**Cross #3**  
**31-29s-8w Kingman, KS**  
Job Ticket: 042516      DST#: 1  
Test Start: 2011.07.17 @ 04:31:35

## GENERAL INFORMATION:

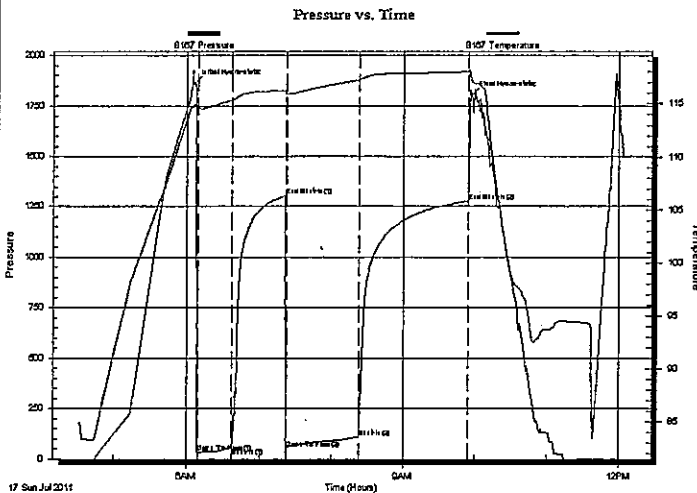
Formation: **Lansing Dennis**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 06:08:50  
Time Test Ended: 12:03:50  
Interval: **3793.00 ft (KB) To 3810.00 ft (KB) (TVD)**  
Total Depth: **3810.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Poor**  
Test Type: **Conventional Bottom Hole**  
Tester: **Gary Fevotiaux**  
Unit No: **56**  
Reference Elevations: **1570.00 ft (KB)**  
**1560.00 ft (CF)**  
KB to GR/CF: **10.00 ft**

## Serial #: 8167

**Inside**

Press@RunDepth: **111.15 psig @ 3794.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2011.07.17**      End Date: **2011.07.17**      Last Calib.: **2011.07.17**  
Start Time: **04:31:40**      End Time: **12:03:49**      Time On Btm: **2011.07.17 @ 06:06:05**  
Time Off Btm: **2011.07.17 @ 09:56:20**

TEST COMMENT: IF: Strong blow . B.O.B. in 90 secs. GTS in 28 mins.  
IS: Weak blow . 1/2" Dead in 15 mins.  
FF: Strong blow . (see gas flow report)  
FS: Weak blow . 1/2 - 2".



## PRESSURE SUMMARY

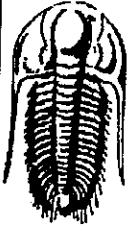
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1861.78	114.91	Initial Hydro-static
3	30.83	114.65	Open To Flow (1)
31	55.79	115.36	Shut-In(1)
76	1304.64	116.26	End Shut-In(1)
76	49.58	115.99	Open To Flow (2)
137	111.15	117.27	Shut-In(2)
229	1278.05	118.01	End Shut-In(2)
231	1806.54	117.29	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCMV 6%o 8% m 86%w	0.30
122.00	GM&WCO 23%g 9% m 12%w 46%o	1.16
85.00	GOCM 45%g 21%o 34% m	1.19

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	3.00	27.60
Last Gas Rate	0.25	2.00	26.02
Max. Gas Rate	0.25	3.50	28.40



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Molitor Oil Co.  
9517 SW 80th Ave.  
Spivey, KS 67142  
  
ATTN: Max Lovely

**Cross #3**  
**31-29s-8w Kingman, KS**  
Job Ticket: 042516      DST#: 1  
Test Start: 2011.07.17 @ 04:31:35

**Tool Information**

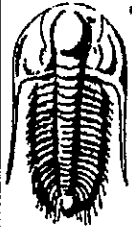
Drill Pipe: Length: 3657.00 ft	Diameter: 3.80 inches	Volume: 51.30 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe: Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar: Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 69000.00 lb
	<b>Total Volume: 51.89 bbl</b>		Tool Chased 0.00 ft
Drill Pipe Above KB: 12.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer: 3793.00 ft			Final 58000.00 lb
Depth to Bottom Packer: ft			
Interval between Packers: 17.00 ft			
Tool Length: 45.00 ft			
Number of Packers: 2	Diameter: 6.75 inches		

Tool Comments:

**Tool Description**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3766.00	
Shut in tool	5.00			3771.00	
HMV	5.00			3776.00	
Jars	5.00			3781.00	
Safety Joint	3.00			3784.00	
Packer	4.00			3788.00	28.00      Bottom Of Top Packer
Packer	5.00			3793.00	
Stubb	1.00			3794.00	
Recorder	0.00	8167	Inside	3794.00	
Recorder	0.00	8370	Outside	3794.00	
Perforations	11.00			3805.00	
Bullnose	5.00			3810.00	17.00      Bottom Packers & Anchor

**Total Tool Length: 45.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Molitor Oil Co.  
9517 SW 80th Ave.  
Spivey, KS 67142  
ATTN: Max Lovely

Cross #3  
**31-29s-8w Kingman,KS**  
Job Ticket: 042516      DST#: 1  
Test Start: 2011.07.17 @ 04:31:35

**Mud and Cushion Information**

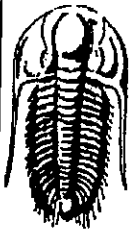
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	81000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.17 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 0.20 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
60.00	OCCMV6%o 8%m 86%w	0.295
122.00	GM&VCO 23%g 9%m 12%w 46%o	1.165
85.00	GOCM 45%g 21%o 34%m	1.192

Total Length: 267.00ft      Total Volume: 2.652 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 1      Serial #: gp-1  
 Laboratory Name: Caraway      Laboratory Location:  
 Recovery Comments: Rw .062 @ 107



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Molitor Oil Co.

Cross #3

9517 SW 80th Ave.  
Spivey, KS 67142

31-29s-8w Kingman, KS

Job Ticket: 042516

DST#: 1

ATTN: Max Lovely

Test Start: 2011.07.17 @ 04:31:35

## 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)
2	10	0.25	3.00	27.60
2	10	0.25	3.00	27.60
2	10	0.25	3.00	27.60
2	20	0.25	3.50	28.40
2	30	0.25	3.00	27.60
2	40	0.25	2.00	26.02



Serial #: 8167

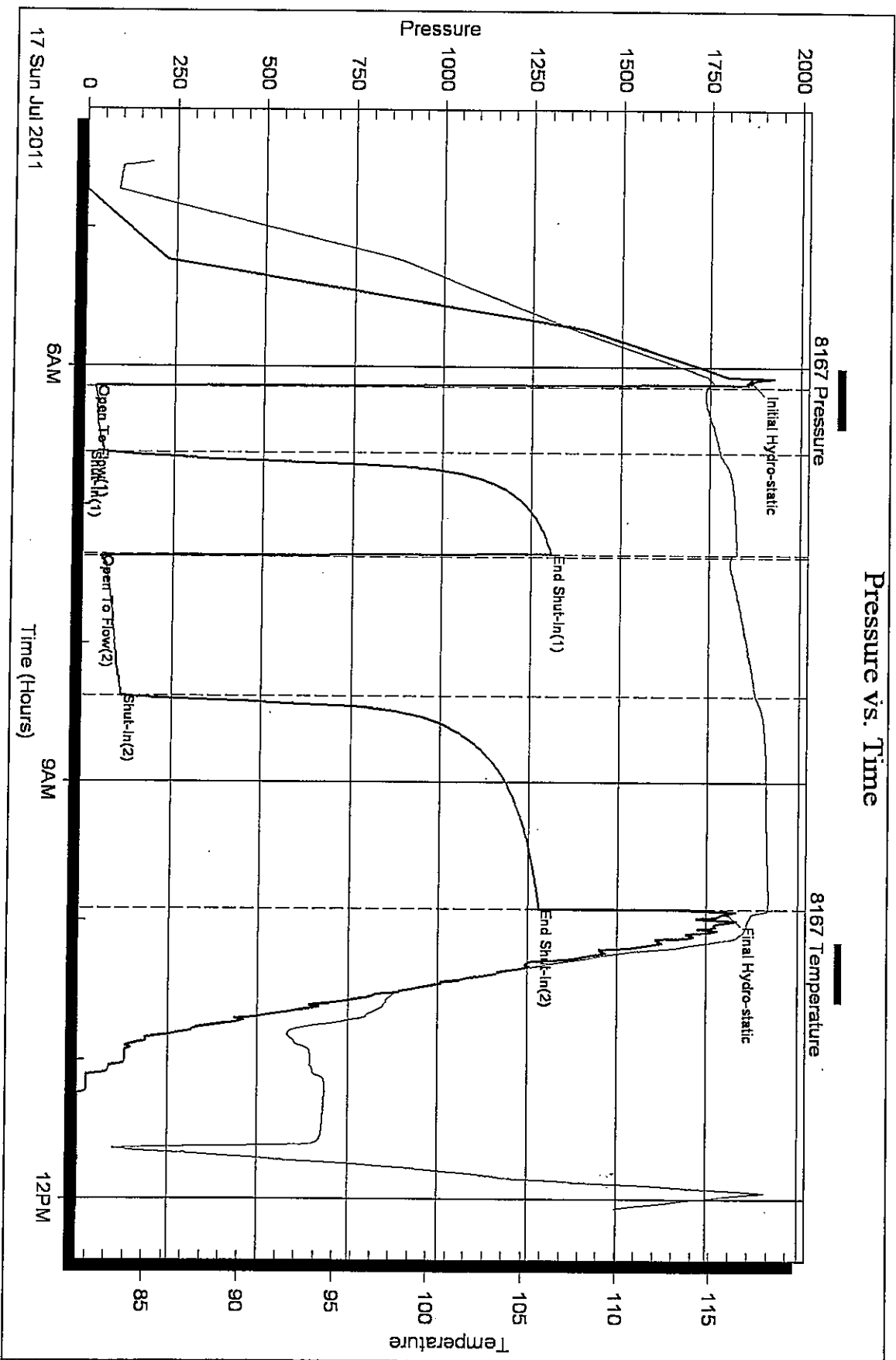
Inside

Molitor Oil Co.

31-299-8w Kingman, KS

DST Test Number: 1

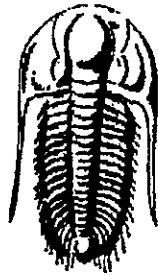
### Pressure vs. Time



Tribolite Testing, Inc

Ref. No: 042516

Printed: 2011.07.28 @ 14:45:09 Page 6



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Molitor Oil Co.**

9517 SW 80th Ave.  
Spivey, KS 67142

ATTN: Max Lovely

**31-29s-8w Kingman,KS**

**Cross #3**

Start Date: 2011.07.17 @ 23:43:52

End Date: 2011.07.18 @ 10:46:37

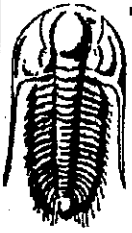
Job Ticket #: 042517      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Molitor Oil Co.  
9517 SW 80th Ave.  
Spivey, KS 67142  
ATTN: Max Lovely

**Cross #3**  
**31-29s-8w Kingman, KS**  
Job Ticket: 042517      DST#: 2  
Test Start: 2011.07.17 @ 23:43:52

**Tool Information**

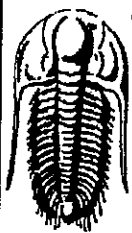
Drill Pipe:	Length: 3719.00 ft	Diameter: 3.80 inches	Volume: 52.17 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 71000.00 lb
			<u>Total Volume: 52.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3849.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

**Tool Description**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3822.00	
Shut in tool	5.00			3827.00	
HMV	5.00			3832.00	
Jars	5.00			3837.00	
Safety Joint	3.00			3840.00	
Packer	4.00			3844.00	28.00      Bottom Of Top Packer
Packer	5.00			3849.00	
Stubb	1.00			3850.00	
Recorder	0.00	8167	Inside	3850.00	
Recorder	0.00	8370	Outside	3850.00	
Perforations	20.00			3870.00	
Bullnose	5.00			3875.00	26.00      Bottom Packers & Anchor

**Total Tool Length: 54.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

FLUID SUMMARY

Molitor Oil Co.

Cross #3

9517 SW80th Ave.  
Spivey, KS 67142

31-29s-8w Kingman, KS

Job Ticket: 042517

DST#: 2

ATTN: Max Lovely

Test Start: 2011.07.17 @ 23:43:52

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41.3 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

84000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.17 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
120.00	SWw oil specs	0.590
1640.00	CGO 50%g 50%o	23.005

Total Length: 1760.00ft      Total Volume: 23.595 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: RW.065 @ 100



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Molitor Oil Co.  
9517 SW 80th Ave.  
Spivey, KS 67142  
ATTN: Max Lovely

Cross #3  
31-29s-8w Kingman, KS  
Job Ticket: 042517      DST#: 2  
Test Start: 2011.07.17 @ 23:43:52

## 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	10	0.38	7.00	78.39
1	10	0.38	7.00	78.39
1	10	0.38	7.00	78.39
1	20	0.38	10.00	89.38
1	30	0.38	8.00	82.06
2	10	0.25	5.00	30.78
2	20	0.25	5.00	30.78
2	30	0.25	4.00	29.19
2	40	0.25	3.00	27.60

Serial #: 8167

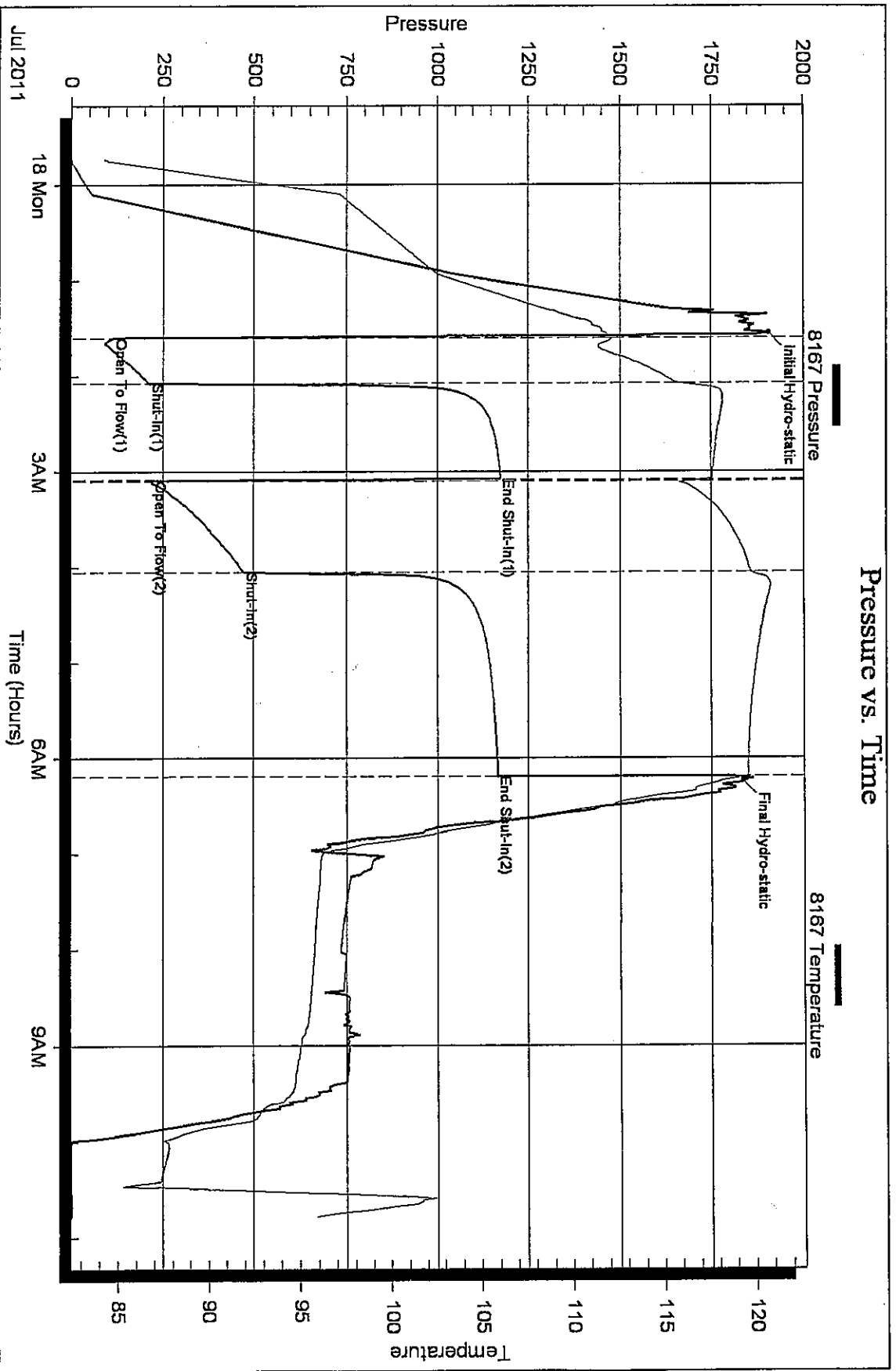
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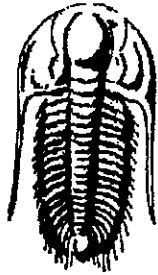
Mollitor Oil Co.

31-29s-8w Kingman, KS

DST Test Number 2

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Molitor Oil Co.**

9517 SW 80th Ave.  
Spivey, KS 67142

ATTN: Max Lovely

**31-29s-8w Kingman,KS**

**Cross #3**

Start Date: 2011.07.20 @ 12:19:19

End Date: 2011.07.20 @ 20:07:49

Job Ticket #: 42535                      DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Molitor Oil Co.

Cross #3

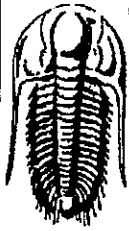
31-29s-8w Kingman,KS

DST # 3

Simpson

2011.07.20





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Molitor Oil Co.  
9517 SW 80th Ave.  
Spivey, KS 67142  
ATTN: Max Lovely

**Cross #3**  
**31-29s-8w Kingman, KS**  
Job Ticket: 42535      DST#: 3  
Test Start: 2011.07.20 @ 12:19:19

### GENERAL INFORMATION:

Formation: **Simpson**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 14:10:19  
Time Test Ended: 20:07:49

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

Interval: **4442.00 ft (KB) To 4449.00 ft (KB) (TVD)**  
Total Depth: **4449.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: **1570.00 ft (KB)**  
**1560.00 ft (CF)**  
KB to GR/CF: **10.00 ft**

### Serial #: 8166

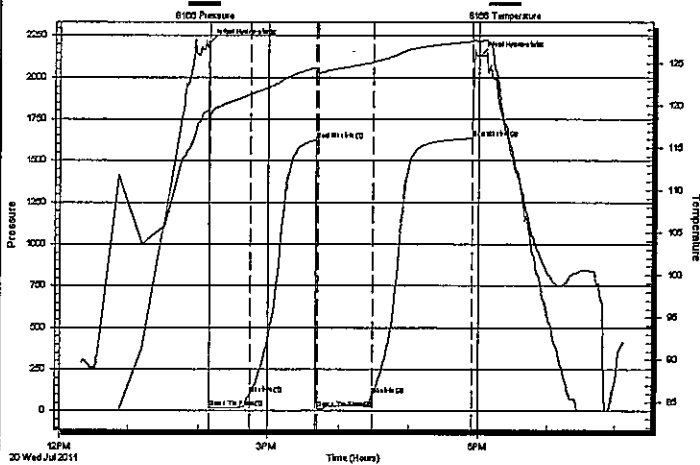
Outside

Press@RunDepth: 96.03 psig @ 4448.00 ft (KB)  
Start Date: 2011.07.20      End Date: 2011.07.20  
Start Time: 12:19:24      End Time: 20:07:48

Capacity: 8000.00 psig  
Last Calib.: 2011.07.20  
Time On Btm: 2011.07.20 @ 14:09:19  
Time Off Btm: 2011.07.20 @ 18:00:34

TEST COMMENT: IF: Strong blow BOB 20 min  
IS: No blow back  
FF: Strong Blow BOB 2 sec  
FS: No blow back

Pressure vs. Time



### PRESSURE SUMMARY

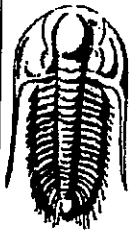
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2208.71	119.47	Initial Hydro-static
1	18.19	118.91	Open To Flow (1)
36	100.95	121.37	Shut-In(1)
91	1623.50	124.46	End Shut-In(1)
93	11.95	123.94	Open To Flow (2)
139	96.03	125.16	Shut-In(2)
226	1634.62	127.61	End Shut-In(2)
232	2133.29	127.66	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
30.00	GWOM 50%gas 20% oil20% mud 10% v0.15	

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Molitor Oil Co.

**Cross #3**

9517 SW 80th Ave.  
Spivey, KS 67142

**31-29s-8w Kingman,KS**

Job Ticket: 42535

**DST#: 3**

ATTN: Max Lovely

Test Start: 2011.07.20 @ 12:19:19

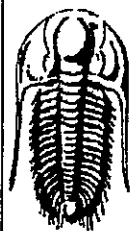
## Tool Information

Drill Pipe:	Length: 4307.00 ft	Diameter: 3.80 inches	Volume: 60.42 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 68000.00 lb
		<b>Total Volume:</b>	<b>61.01 bbl</b>	Tool Chased 2.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4442.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	2	Diameter: 6.25 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4419.00	
Shut In Tool	5.00			4424.00	
Hydraulic tool	5.00			4429.00	
Jars	5.00			4434.00	
Safety Joint	3.00			4437.00	
Packer	5.00			4442.00	24.00 Bottom Of Top Packer
Packer - Shale	5.00			4447.00	
Stubb	1.00			4448.00	
Recorder	0.00	6773	Outside	4448.00	
Recorder	0.00	8166	Outside	4448.00	
Perforations	3.00			4451.00	
Bullnose	3.00			4454.00	12.00 Anchor Tool

**Total Tool Length: 36.00**



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Molitor Oil Co.

**Cross #3**

9517 SW 80th Ave.  
Spivey, KS 67142

**31-29s-8w Kingman, KS**

Job Ticket: 42535

**DST#: 3**

ATTN: Max Lovely

Test Start: 2011.07.20 @ 12:19:19

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GWOM 50%gas 20% oil 20% mud 10% wate	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

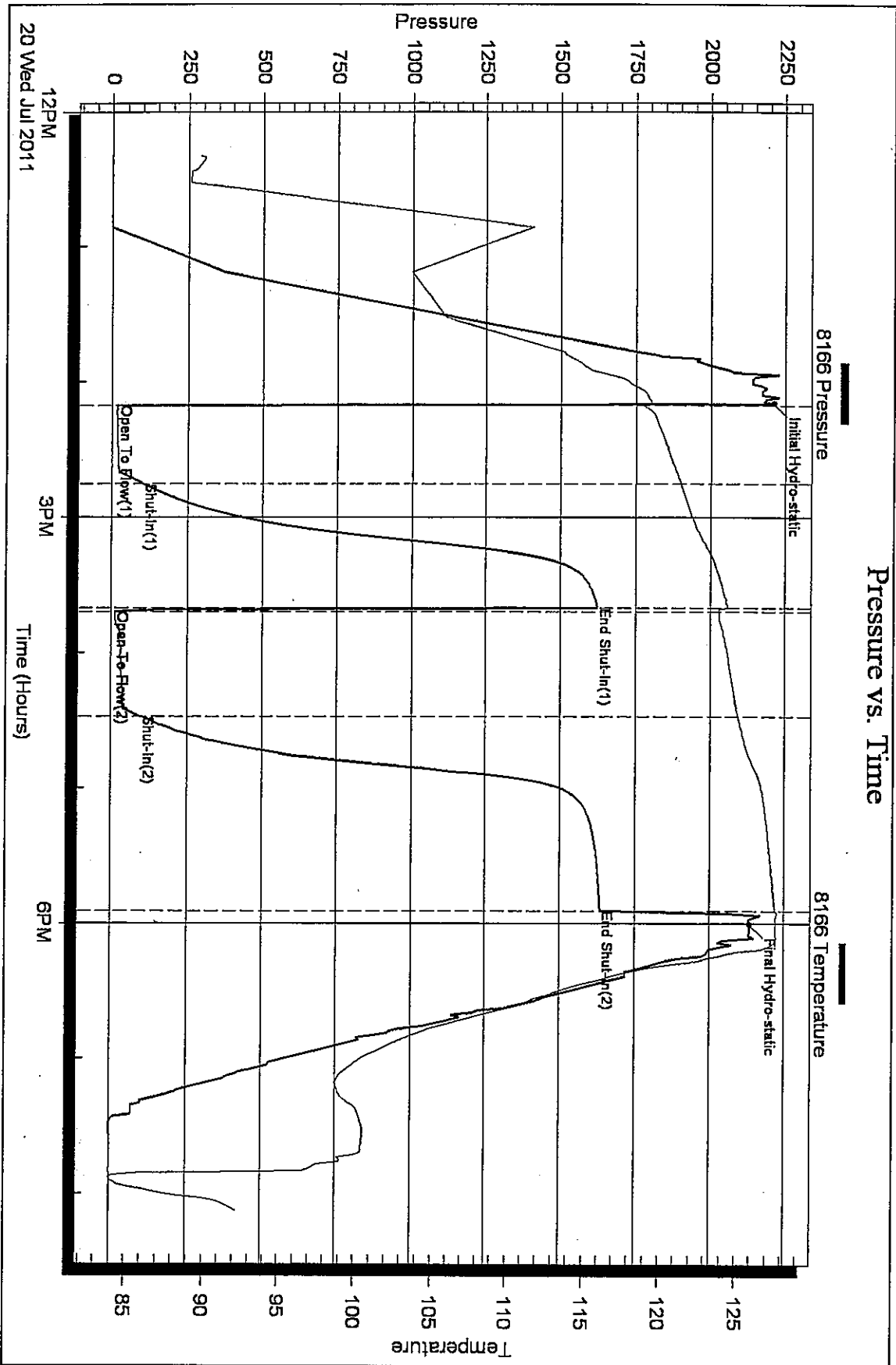
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





# ALLIED CEMENTING CO., LLC. 040717

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

*Medicine Lodge, KS*

DATE <u>7-12-11</u>	SEC. <u>31</u>	TWP. <u>29s</u>	RANGE <u>8w</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00 PM</u>	JOB FINISH <u>3:30 PM</u>
LEASE	WELL #	LOCATION <u>Zenda, KS - 3 North</u>	COUNTY <u>Kingman</u>	STATE <u>KS</u>			
OLD OR NEW (circle one)		<u>to 110<sup>th</sup> 2 1/2 East + S/S</u>					

CONTRACTOR Hardt #1 OWNER Molitor Oil Co.

TYPE OF JOB Surface  
 HOLE SIZE 8 7/8 T.D.  
 CASING SIZE 8 7/8 DEPTH  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX. MINIMUM  
 MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT 1.3 Bbls Fresh  
 EQUIPMENT

PUMP TRUCK CEMENTER Carl Bolding  
 # 360-265 HELPER Matt Thumseh  
 BULK TRUCK DRIVER Carl Bolding  
 # 364  
 BULK TRUCK DRIVER

REMARKS:  
Run 220' 8 7/8 casing  
Break circulation  
Mix 175 s x 60:40:2 + 3% cc  
Displace with 13 Bbls Fresh  
grade 20' Cement in casing  
+ Shut in.  
Cement did circulate

CHARGE TO: Molitor Oil Co.  
 STREET \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

DEPTH OF JOB 220' SERVICE  
 PUMP TRUCK CHARGE 1125.00  
 EXTRA FOOTAGE @  
 MILEAGE 60 @ 7.00 420.00  
 MANFOLD @  
Light Vehicle 60 @ 4.00 240.00  
 TOTAL 1785.00

PLUG & FLOAT EQUIPMENT  
 @  
 @  
 @  
 @  
 @  
 TOTAL

SALES TAX (if Any) \_\_\_\_\_  
 TOTAL CHARGES 5520.40 IF PAID IN 30 DAYS  
 DISCOUNT 20% Not 4416.32

PRINTED NAME Scott C Adcox  
 SIGNATURE Scott C Adcox

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

# ALLIED CEMENTING CO., LLC. 040751

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
*McLester*

DATE 7-22-11	SEC 31	TWP 29S	RANGE 8E	CALLED OUT	ON LOCATION	JOB START 7:30am	JOB FINISH 8:30am
LEASE <i>Cross</i>	WELL #3	LOCATION <i>Zend KS, N to 110th st.</i>			COUNTY <i>Wagoner</i>	STATE <i>KS</i>	
OLD OR <u>NEW</u> (Circle one)		<i>2 1/2 E, Smtb</i>					

CONTRACTOR *Head + Pits #1* OWNER *Molitor Oil*

TYPE OF JOB *Production*

HOLE SIZE *7 1/8* T.D. *4547'*

CASING SIZE *4 1/2* DEPTH *4533'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *20'*

CEMENT LEFT IN CSG. *20'*

PERFS.

DISPLACEMENT *73 bbls 2% brk*

EQUIPMENT

PUMP TRUCK CEMENTER *with thru seal*

# *360/265* HELPER *Jason thru seal*

BULK TRUCK

# *421/252* DRIVER *David Elan*

BULK TRUCK

# DRIVER

REMARKS:

*Bck wire with rig pump back through  
MTR 155x for Rat hole  
MTR 165x Schwinger cement  
MTR 225 x cement shutdown wash pump lines  
Release plug deep 73 bbls 2% brk  
bump plus 900 tests to 1600 ps  
plug held*

CHARGE TO: *Molitor Oil*

STREET \_\_\_\_\_

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

CEMENT

AMOUNT ORDERED *305x 6240x49me (*

*2255x class A PCC + 5" Kolseal + 8" ft-160*

*+ .75% Gas Block + Debramer*

*KL 8 bbls*

COMMON *18 5x @ 16.25 292.50*

POZMIX *12 5x @ 8.50 102.00*

GEL *1 5x @ 21.25 21.25*

CHLORIDE @

ASC *225 5x @ 19.00 4275.00*

*Kolseal 1125<sup>xx</sup> @ .89 1001.25*

*ft-160 169<sup>xx</sup> @ 17.20 2906.80*

*Gas Block 158<sup>xx</sup> @ 16.40 2591.20*

*Debramer 31<sup>xx</sup> @ 8.90 275.90*

*Clapro 8 Gals @ 31.25 250.00*

@

@

HANDLING *321 @ 2.25 722.25*

MILEAGE *30/321/.11 1059.30*

TOTAL *13,497.45*

SERVICE

DEPTH OF JOB *4533'*

PUMP TRUCK CHARGE *2405.00*

EXTRA FOOTAGE @

MILEAGE *60 @ 7.00 420.00*

MANIFOLD @

*Head Rental @ 200.00*

*Light Vehicle 60 @ 4.00 240.00*

TOTAL *3265.00*

4 1/2 PLUG & FLOAT EQUIPMENT

AO 1- ACU grade line *192.00*

AO 1- Latch down pins @ *233.00*

AO 8- control lines @ *48.00 384.00*

@

@

TOTAL *809.00*

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES *17,571.45*

DISCOUNT *20%* IF PAID IN 30 DAYS

*Net 14057.16*

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME \_\_\_\_\_

SIGNATURE *Mark Molitor*