



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



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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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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Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	SPONEY 1-33
Doc ID	1063379

All Electric Logs Run

CPDCN Microlog
AI Shallow Focussed Electric Log
Microresistivity Log
Cement Bond Log

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	SPONEY 1-33
Doc ID	1063379

Tops

Name	Top	Datum
Stone Corral	2430	+504
Bs/Stone Corral	2452	+482
Heebner	3950	-1016
Lansing	3994	-1060
Muncie Creek	4149	-1215
Stark	4240	-1306
Hushpuckney	4275	-1341
Marmaton	4343	-1409
Little Osage	4456	-1521
Morrow	4578	-1644
Mississippian	4598	-1664
LTD	4675	

# ALLIED CEMENTING CO., LLC. 039988

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Oakley

DATE <u>7/19/14</u>	SEC <u>33</u>	TWP <u>13</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30pm</u>	JOB FINISH <u>6:45PM</u>
LEASE <u>Sponey</u>	WELL # <u>1-33</u>	LOCATION <u>Oakley 11S 3E 5S</u>			COUNTY <u>Gove</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>1E 1/2 N E 10</u>					

CONTRACTOR Martin 24

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D.

CASING SIZE 8 5/8 DEPTH 222

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 13.05

OWNER Same

CEMENT AMOUNT ORDERED 165 Com

**EQUIPMENT**

PUMP TRUCK CEMENTER Alan

# 923-281 HELPER Jerry

BULK TRUCK

# 404 DRIVER Alan

BULK TRUCK

# DRIVER

COMMON	<u>165</u>	@	<u>16.25</u>	<u>2681.25</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>6</u>	@		<u>349.20</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>174 SK</u>	@	<u>2.25</u>	<u>391.50</u>
MILEAGE	<u>1700 114 SK/mile</u>	@		<u>382.00</u>
TOTAL				<u>3868.50</u>

**REMARKS:**

Amcoy, Circulate, Mix Cement  
Displace Cement.

Truck Van  
Alan, Jerry

CHARGE TO Grand Mesa Operating

STREET \_\_\_\_\_

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

**SERVICE**

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>1125.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>20 x 2</u>	@	<u>7.00</u>	<u>280.00</u>
MANIFOLD		@		
<u>Lite Vehicle</u>	<u>20 x 2</u>	@	<u>4.00</u>	<u>160.00</u>
		@		
TOTAL				<u>1565.00</u>

**PLUG & FLOAT EQUIPMENT**

	@		
	@		
	@		
	@		
	@		
TOTAL _____			

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

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

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 Anthony Martin

SIGNATURE Anthony Martin

**JOB LOG**

**SWIFT Services, Inc.**

DATE 07-28-11 PAGE NO. 1

CUSTOMER GILAND MESA WELL NO. 1-33 LEASE SPONEY JOB TYPE 2-STAGE TICKET NO. 20240

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	1130							ON LOCATION CMT: 175 SIS STD EA-2 BOTTEM 300 SIS SMD TOP RTO 4670, SET PIPE 4679, SJ 11.0, INSERT 4671 5 1/2 IS 5 D.V. ON TOP # 54, 2 1/2 1 FT SCATTERERS ON # 4, 5 50 FT CMT 1, 3, 5, 7, 9, 15, 18, 23 BASKET 2, 54	
	1300							START CIRC FILTERED	
	1350							TAL BOTTEM - 2 1/2 BRL	
	1505							BREAK CIRC & ROTATE PIPE	
	1530	6.0	12	-			300	500 LBS MUD FLUSH	
		}	20	-				20 BBL 2% KCL FLUSH	
			42.5	-				175 SIS STD EA-2 CMT	
								DROP L) PLUG, WASHOUT PL	
	1550	6.0	0	-			250	START DLP 1/2 H2O	
		}	54	-			300	" " 1/2 RIG MUD	
			100.0	-			600		
			105.0	-			700		
	1600			111.2	-			1400	LAND PLUG
								RELEASE - DRY,	
	1630						1200	DROP D.V. OPENING DART, OPEN D.V. CIRC 1/2 RIG 2 HRS	
			7.5	-				PLUG RH 30, MH 20 <sup>15</sup>	
	1720	6.0	20	-			300	20 BBL 2% KCL FLUSH	
		}	145	-			5	255 SIS SMD CMT	
			6.0	0	-			300	DROP D.V. CLOSING PLUG
				35	-			500	START DDP
			50.0	-			600	CIRC CMT TO FIT! 40 SIS	
	1800		57.6	-			1400	LAND PLUG, CLOSE D.V. RELEASE DRY JOB COMPLETE	
								THANK YOU! DAVE JOSEPH, DAVID JOE	

Acidizing Report

**PRO-STIM CHEMICALS**

Date **8-16-11**

Customer <b>Grand Mesa</b>	Pro-Stim Chemical Yard <b>Dighton</b>	Pro-Stim Number <b>A3 56046</b>
Well Name & Number <b>SPONEY 1-33</b>	Field	Formation <b>Spot</b>
County <b>Gove</b> State <b>KS</b>	BHT	YD
		Interval <b>4557-61</b>

Well Type: Completion  Recompletion  Workover  Oil  Gas  Water  Disposal  Perf  OH

Job Pumped Via: Tubing <input checked="" type="checkbox"/> Casing <input type="checkbox"/> Annulus <input type="checkbox"/> CTU <input type="checkbox"/> Combination <input type="checkbox"/>	Plug Depth	Packer Depth <b>4529</b>					
Casing Size: <b>5 1/2</b>	GRD	WT	Depth	Tubing Size: <b>2 7/8</b>	GRD	WT	Spot
Casing Vol. <b>.7</b>	Tbg Vol <b>26.2</b>	Ann Vol	OH Vol	Total Displacement <b>26.9</b>			
Maximum Pressure	Tubing	Casing	Proposed Pump Time <b>9:05</b>	AOL <b>9:00</b>	Leave Loc <b>10:15</b>		

Special Instructions: **250 gal RWR-1 4 Renab 1 AR630**  
**27 bbl 2% KCl**  
**EST COST 1200**

**Treatment Record**

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure		Observations
					Tubing	Casing	
							Safety Meeting
							Prs Test to _____ psi
9:12	Acid	3.8	3.4		70		
9:13	Acid	3.8	6.0		70		
9:13	flush	3.8	6.1		60		
9:15	flush	3.8	12.4		10		
9:18	flush	3.8	24.4		20		
9:18	flush	0.0	24.7		60		
9:20	flush	0.0	24.7		250		
9:22	flush	0.0	24.8		300		
9:23	flush	0.0	24.4		400		
9:25	flush	0.0	24.4		450		
9:28	flush	0.0	25.0		600		
9:36	flush	0.0	25.1		700		
9:38	flush	0.0	25.1		800		
9:49	flush	0.0	26.1		900		
9:49	flush	.3	26.2		830		
9:51	flush	1.0	26.6		590		
9:53	flush	1.0	28.0		620		
9:55	flush	1.0	30.0		670		
9:57	flush	1.0	32.0		510		
9:58	flush	1.0	32.9		500		

**Treatment Synopsis**

Avg Inj Rate	Fluid BPM	Total Injected	H2O <b>26.4</b>	Acid <b>6.0</b>	Oil
Treating Prs.	Max <b>900</b>	Final <b>500</b>	Avg. <b>600</b>	ISIP <b>430</b>	5' SI <b>130</b>
Customer Representative	<i>Wah R. Fisher</i>			Pro-Stim Supervisor	<b>8.5" 15' SI</b>

Acidizing Report

**PRO-STIM CHEMICALS**

Date 8-17-11

Customer <b>Grand Mesa</b>	Pro-Stim Chemical Yard <b>Dighton</b>	Pro-Stim Number <b>A3 56047</b>
Well Name & Number <b>Sponey 1-33</b>	Field	Formation Spot
County <b>Gove</b>	State <b>KS</b>	BHT
	YD	Interval <b>4557-61</b>

Well Type: Completion  Recompletion  Workover  Oil  Gas  Water  Disposal  Perf  OH

Job Pumped Via: Tubing <input checked="" type="checkbox"/> Casing <input type="checkbox"/> Annulus <input type="checkbox"/> CTU <input type="checkbox"/> Combination <input type="checkbox"/>	Plug Depth	Packer Depth <b>4529</b>
Casing Size: <b>5 1/2</b>	GRD	WT
	Depth	Tubing Size: <b>2 7/8</b>
Casing Vol. <b>.7</b>	Tbg Vol <b>26.2</b>	Ann Vol
	OH Vol	Total Displacement <b>26.9</b>
Maximum Pressure	Tubing	Casing
	Proposed Pump Time <b>9:00</b>	AOL <b>4:00</b>
		Leave Loc <b>10:00</b>

Special Instructions:  
**400 gal 15% RWR-1 2 AR630**  
**27.5 4% KCL**  
**Est cost 1400**

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure		Observations
					Tubing	Casing	
							Safety Meeting
							Prs Test to _____ psi
9:16	Acid	3.9	1.2		80		
9:18	Acid	3.9	9.5		60		
9:18	flush	3.9	9.6		0		
9:21	"	3.9	20.0		10		
9:22	"	.5	27.4		50		
9:23	"	1.0	27.8		180		
9:25	"	1.0	29.1		320		
9:27	"	1.0	31.0		380		
9:29	"	1.0	33.0		400		
9:30	"	1.0	34.0		400		
9:31	"	1.0	35.0		400		
9:33	"	1.0	37.0		400		

Treatment Synopsis

Avg Inj Rate	Fluid BPM <b>60</b>	Total Injected	H2O <b>27.5</b>	Acid <b>9.5</b>	Oil
Treating Prs.	Max <b>400</b>	Final <b>400</b>	Avg. <b>400</b>	ISIP <b>380</b>	5'SI <b>3017</b>
Customer Representative				Pro-Stim Supervisor	10'SI <b>5:50:00</b>
					15'SI



# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

**GRAND MESA OPERATING CO.**

WELL: SPONEY #1-33  
 LOC.:1052' FSL 583' FWL  
 SEC. 33-13S-31W  
 GOVE COUNTY, KANSAS  
 API: 15-063-21926-00-00

**ELEVATION**

KB: : 2934'  
 GL: 2929'  
 LOG MEASURED  
 FROM: KB

**SURFACE CASING**

Ran 5 jts of new 2 3/8" 8 5/8" surface csg.,  
 Tally 212.58', Set @ 222' KB.  
 Cemented w/165sxs  
 Common, 3% CC, 2% Gel.

**PRODUCTION CASING**

Ran 113 jts 15.50# 5 1/2" S-55 casing.  
 Tally 4671' set @ 4671'  
 cemented with 175 sx  
 D.V. Tool @ 2421'  
 Cemented with 300 sx  
 circulated to surface.

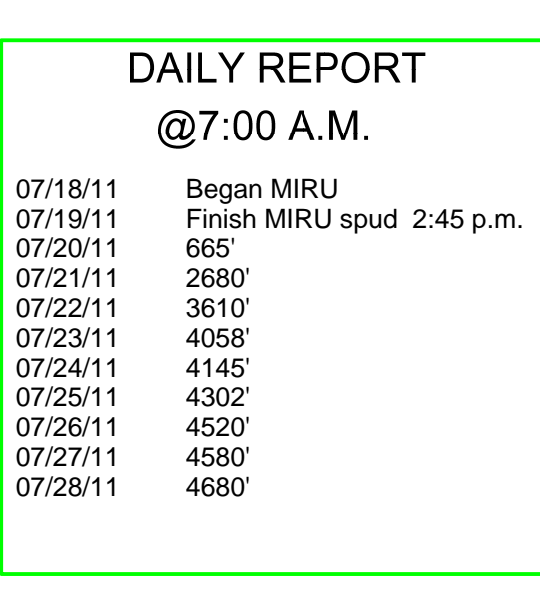
**WELL LOG SURVEYS**

DIL/CDL w/micro

**DRILLING CONTR.: MURFIN RIG #24**  
**SPUD: 07-18-11 COMP: 07-28-11**  
**MUD UP: 3500' TYPE MUD: CHEM.**  
**DRILL TIME: 3600-RTD**  
**RTD: 4680' LTD: 4675'**  
**SAMPLES SAVED: 3800'-RTD**  
**GEOLOGIST: ROBERT J. PETERSEN**

**ELECTRIC LOG TOPS**

Formation	Depth	Datum	Klaus-Hess 1-33	Hess 1-4
SC	2430	504	-4	-17
BSC	2452	482	-4	-16
HEEB	3949	-1015	-5	-10
LANS	3994	-1060	-9	-13
Muncie Cr	4150	-1216	-13	-14
Stark	4240	-1306	-15	-17
Hushpuckney	4275	-1341	-15	-16
Marmaton	4343	-1409	-12	-15
Little Osage	4487	-1523	-5	-9
Excello	4481	-1547	-3	-6
Johnson	4556	-1622	-7	-9
Morrow	4578	-1644	-8	-10
Miss	4598	-1664	-2	-3



**REFERENCE WELL:**

WELL A:  
 GMOC  
 Klaus-Hess #1-33  
 Gove County, KS  
 332' FNL & 2551' FEL  
 Sec. 33-13S-31W

WELL B:  
 GMOC -  
 Hess 1-4  
 Gove County, KS  
 834' FNL & 356' FWL  
 4-14-31W

**DAILY REPORT**

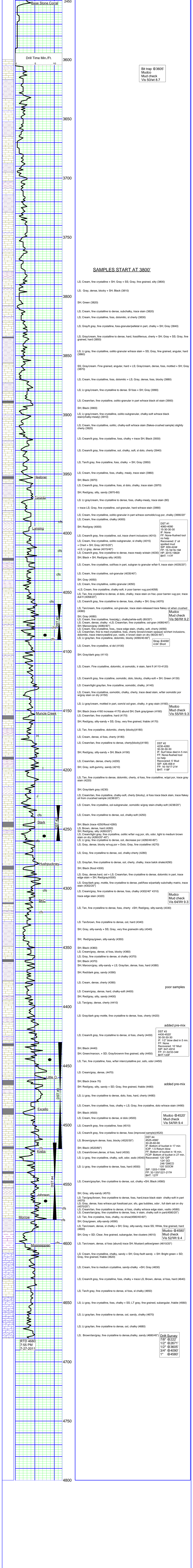
@7:00 A.M.

07/18/11 Began MIRU  
 07/19/11 Finish MIRU spud 2:45 p.m.  
 07/20/11 665'  
 07/21/11 2680'  
 07/22/11 3610'  
 07/23/11 4058'  
 07/24/11 4145'  
 07/25/11 4302'  
 07/26/11 4520'  
 07/27/11 4580'  
 07/28/11 4680'

**REMARKS AND RECOMMENDATIONS**

Production casing has been run to further test this well.  
 Respectfully submitted,

*Robert J. Petersen*  
 Robert J. Petersen



**SAMPLES START AT 3800'**

LS: Cream, fine crystalline + SH; Gray + SS; Gray, fine grained, silty (3800)

LS; Gray, dense, blocky + SH; Black (3810)

SH; Green (3820)

LS: Cream, fine crystalline to dense, subchalky, trace stain (3820)

LS: Cream, fine crystalline, foss, dolomitic, silty cherty (3830)

LS: Gray/lt gray, fine crystalline, foss-granular/pelletal in part, chalky + SH; Gray (3840)

LS; Gray/cream, fine crystalline to dense, hard, fossiliferous, cherty + SH; Gray + SS; Gray, fine grained, hard (3850)

LS; Lt gray, fine crystalline, oolitic-granular w/trace stain + SS; Gray, fine grained, angular, hard (3860)

SS; Gray/cream. Fine grained, angular, hard + LS; Gray/cream, dense, foss, mottled + SH; Gray (3870)

LS: Cream, fine crystalline, foss, dolomitic + LS; Gray, dense, foss, blocky (3880)

LS; Lt gray/cream, fine crystalline to dense. Silty foss + SH; Gray (3900)

LS: Cream/tan, fine crystalline, oolitic-granular in part w/trace black oil stain (3900)

SH; Black (3900)

LS; Lt gray/cream, fine crystalline, oolitic-subgranular, chalky-soft w/trace black stain(chalky-mealy) (3910)

LS: Cream, fine crystalline, oolitic, chalky-soft w/trace stain (flakes-crushed sample) slightly cherty (3920)

LS: Cream/lt gray, fine crystalline, foss, chalky + trace SH; Black (3930)

LS: Cream/lt gray, fine crystalline, ool, chalky, soft, silty dol, cherty (3940)

LS; Tan/lt gray, fine crystalline, foss, chalky + SH; Gray (3950)

LS: Cream, fine crystalline, foss, chalky, mealy, trace stain (3960)

SH; Black (3970)

LS: Cream/lt gray, fine crystalline, foss, silty dol, chalky, trace stain (3970)

SH; Red/gray, silty, sandy (3970-80)

LS: Lt gray/cream, fine crystalline to dense, foss, chalky-mealy, trace stain (80)

+ trace LS; Gray, fine crystalline, ool-granular, hard w/trace stain (3990)

LS: Cream, fine crystalline, oolitic-granular in part w/trace oomoldic/vug por, chalky (3990/20')

LS; Cream, fine crystalline, chalky (4000)

SH; Red/gray (4000)

LS: Cream/lt gray, fine crystalline, ool, trace chert inclusions (4010)

LS: Cream, fine crystalline, oolitic-subgranular, silty chalky (4015)

+ Chert + SH; Gray (4015/20')

+LS: Lt gray, dense (4015/40')

LS: Cream/lt gray, fine crystalline to dense, trace mealy w/stain (4030)

SH; Black + SH; Red/gray silty (4035)

LS: Cream, fine crystalline, ool/foss in part, subgran to granular w/air fl, trace stain (4035/20')

LS: Cream, fine crystalline, ool-granular (4035/40')

SH; Gray (4050)

LS: Cream, fine crystalline, oolitic-granular (4050)

+LS: Cream, fine crystalline, chalky-soft, tr poor barren vug por(4058)

LS; Tan, fine crystalline to dense, silty dol, chalky, trace stain on frac-poor barren vug por, trace dull fl (4058/20')

LS: Cream/lt gray, fine crystalline to dense, foss, chalky + SH; Gray (4070)

LS; Tan/cream, fine crystalline, ool-granular, trace stain-released trace flakey oil when crushed (4080)

SH; Gray (4080)

LS: Cream, fine crystalline, foss(atg.), chalky(white-soft) (80/20')

LS: Cream, dense, chalky +LS; Cream/tan, fine crystalline, ool-gran (4080/40')

SH; Maroon/gray (4080/40')

LS: Cream, fine crystalline, foss., trace edge stain, chalky, soft, cherty (4090)

LS: Cream/tan, fine to med crystalline, foss, cherty (brown/cream opaque) w/chert inclusions, dolomitic, trace intercrystalline por, vsfso, tr brown stain on dry (90/00-40')

LS: Lt gray/tan, fine crystalline, dolomitic, blocky (4090/40-60')

LS: Cream, fine crystalline, silty dol (4100)

SH; Gray/dark gray (4110)

LS: Cream. Fine crystalline, dolomitic, silty oomoldic, tr stain, faint fl (4110-4120)

LS: Cream/lt gray, fine crystalline, oomoldic, dolo, blocky, chalky-soft + SH; Gray (4130)

LS: Cream/lt gray/tan, fine crystalline, oomoldic, chalky, (4140)

LS: Cream, fine crystalline, oomoldic, chalky, cherty, trace dark stain, w/fair oomoldic por w/gray stain on dry (4150)

LS; Lt gray/cream, mottled in part, oom/sil ool-gran, chalky, tr gray stain (4160)

SH; Black (trace 4160 increase 4170) abund SH; Dark gray/green (4160)

LS: Cream/tan, fine crystalline to dense, silty dol, chalky (4170)

SH; Red/gray, silty-sandy + SS; Gray, very fine grained, friable (4170)

LS; Tan, fine crystalline, dolomitic, cherty (blocky)(4180)

LS: Cream, dense, silty foss, cherty (4180)

LS: Cream/tan, fine crystalline to dense, cherty(blocky)(4190)

SH; Red/gray, silty-sandy + SH; Black (4190)

LS: Cream/tan, dense, cherty (4200)

SH; Gray, soft-gummy, sandy (4210)

LS; Tan, fine crystalline to dense, dolomitic, cherty, silty foss, fine crystalline, w/ppt por, trace gray stain (4220)

SH; Gray/dark gray (4230)

LS: Cream/tan, fine crystalline, chalky-soft, cherty (blocky), silty foss trace black stain, trace flakey oil from crushed sample (4238/20')

LS: Cream, fine crystalline, ool-subgranular, oomoldic w/gray stain-chalky-soft (4238/20')

LS: Cream, fine crystalline to dense, ool, chalky-soft (4250)

SH; Black (trace 4250/flood 4260)

LS: Brown, dense, hard (4260)

SH; Red/gray, silty (4260/20')

LS: Cream/light gray, fine crystalline, oolitic w/fair vug por, sfo, odor, light to medium brown stain on dry (4260/20'-40')

LS: Lt gray, fine crystalline to dense, ool, decrease por (4260/40-60')

LS; Gray, dense, blocky w/vug por + Dolo; Gray, fine crystalline (4270)

LS: Gray, fine crystalline to dense, ool, chalky-cherty (4280)

LS: Gray/tan, fine crystalline to dense, ool, cherty, chalky, trace black shale(4290)

SH; Black (flood 4300)

LS; Gray, dense hard, ool + LS: Cream/tan, fine crystalline to dense, dolomitic in part, trace edge stain + SH; Red/gray(4300)

LS; Gray/dark gray, mottle, fine crystalline to dense, pellet/foss w/partly subchalky matrix, trace stain (4302/20')

LS: Cream/gray, fine crystalline to dense, foss, chalky (4302/40' 4310)

trace edge stain (4320)

LS; Tan, fine crystalline to dense, foss, cherty +SH; Red/gray, silty-sandy (4330)

LS: Tan/brown, fine crystalline, chalky-soft, ool, hard (4340)

SH; Gray, silty-sandy + SS; Gray, very fine grained/silty (4340)

SH; Red/gray/green, silty-sandy (4350)

SH; Black (4360)

LS: Cream/gray, dense, silty foss, blocky (4360)

LS; Gray, fine crystalline to dense, silty chalky (4370)

SH; Black (4370)

SH; Maroon/gray, silty-sandy + LS; Gray/tan, dense, foss, hard (4380)

SH; Red/dark gray, sandy (4390)

LS: Cream, dense, cherty (4390)

LS: Cream/gray, dense, hard, chalky-soft (4400)

SH; Red/gray, silty, sandy (4400)

LS; Tan/gray, dense, cherty (4410)

LS: Gray/dark gray mottle, fine crystalline to dense, foss, cherty (4420)

LS: Cream/lt gray, fine crystalline to dense, silty foss, cherty (4430)

SH; Black (4440)

SH; Green/maroon, + SD; Gray/brown/fine grained, silty (4450)

LS; Tan, fine crystalline, foss, w/fair intercrystalline por, ssto, odor (4450)

LS: Cream/gray, dense, (4470)

SH; Black (trace 70)

SH; Red/gray, silty, sandy + SD; Gray, fine grained, friable (4480)

LS; Lt gray, fine crystalline to dense, dolo, foss, hard, cherty (4480)

LS: Cream, fine crystalline, foss, chalky + LS; Gray, fine crystalline, dolo w/trace stain (4490)

SH; Black (4500)

LS: Cream, fine crystalline to dense, silty dol (4500)

LS: Cream/lt gray, fine crystalline, foss (4510)

LS: Cream/lt gray, fine crystalline to dense, foss (improved sample)(4520)

LS; Brown/gray/dense, foss, blocky (4520/30')

SH; Black (4520/60')

LS: Cream/brown/dense, silty foss, hard (4530)

LS; Lt gray, fine crystalline, chalky, soft, odor, ssoo (4540)

Recovered: 120' GIP

124' GO

248' GMOC

120' GOCM

SIP: 1203-1189#

FP: 32-120/1221-217#

BHT: 127F

LS: Cream/gray/tan, fine crystalline to dense, ool, chalky +SH; Black (4560)

SH; Gray, silty-sandy (4570)

LS: Tan/gray/brown, fine crystalline to dense, foss, hard, trace black stain chalky-soft in part (4570)

LS; Gray, dense, foss w/trace ppt fossiliferous por, sfo, gas bubbles, odor, full dark sat on dry (4570/20')

LS: Cream/tan, fine crystalline to dense, silty foss, chalky w/trace edge stain, vsfso (4580)

LS: Cream/tan/gray, fine crystalline to dense, foss, tr stain, chalky soft in part(4580/20')

LS; Tan, fine crystalline, foss, chalky, no show(4580/40-60')

SH; Gray/green, silty-sandy (4590)

LS: Tan/cream, dense, silty chalky + SH; Gray, silty-sandy, trace SS; White, fine grained, hard (4600)

SH; Gray + SD; Clear, fine grained, subangular, few clusters (4610)

Mudco @ 4580'  
 Mud check  
 Vis 52/Wt 9.4

LS; Tan/cream, dense, silty foss (abund) trace SH; Mustard yellow/green (4610/20')

LS: Cream, fine crystalline, chalky, sandy + SH; Gray-soft sandy + SH; Bright green + SD; Gray, fine grained, friable (4620)

LS: Cream, fine to medium crystalline, sandy-chalky +SH; Gray (4630)

LS: Cream/lt gray, fine crystalline, foss, chalky + trace LS; Brown, dense, silty foss, hard (4640)

LS; Tan/lt gray, fine crystalline to dense, silty foss, silty chalky (4650)

LS: Lt gray, fine crystalline, foss, chalky + SS; LT gray, fine grained, subangular, friable (4660)

LS: Lt gray/tan, fine crystalline to dense, ool, sandy, chalky (4670)

LS: Lt gray/tan, fine crystalline to dense, ool, chalky (4680)

LS: Brown/tan/gray, fine crystalline to dense, chalky, sandy (4680/45')

added pre-mix  
 DST #3  
 4430-4520  
 30-30-30-30  
 IF: 12" blow died in 5 min.  
 FF: None  
 Recovered: 10' Mud  
 SIP: 647-491#  
 FP: 31-132/33-34#  
 BHT: 120F

added pre-mix  
 DST #4  
 4525-4580'  
 30-45-60-90  
 IF: Bottom of bucket in 17 min  
 FF: Bottom of bucket in 16 min.  
 FCI: Bottom of bucket in 27 min.  
 Recovered: 120' GIP

Drift Survey  
 7/8' @ 222'  
 1/2' @ 267'  
 3/4' @ 3605'  
 3/4' @ 4090'  
 1' @ 4580'



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Grand Mesa Operating  
1700 N. Waterfront Pkwy.  
Building 600  
Wichita, KS 67206  
ATTN: Bob Petersen

**Sponey #1-33**  
**S33-13s-31w Gove, KS**  
Job Ticket: 43395 **DST#: 1**  
Test Start: 2011.07.23 @ 17:56:00

## GENERAL INFORMATION:

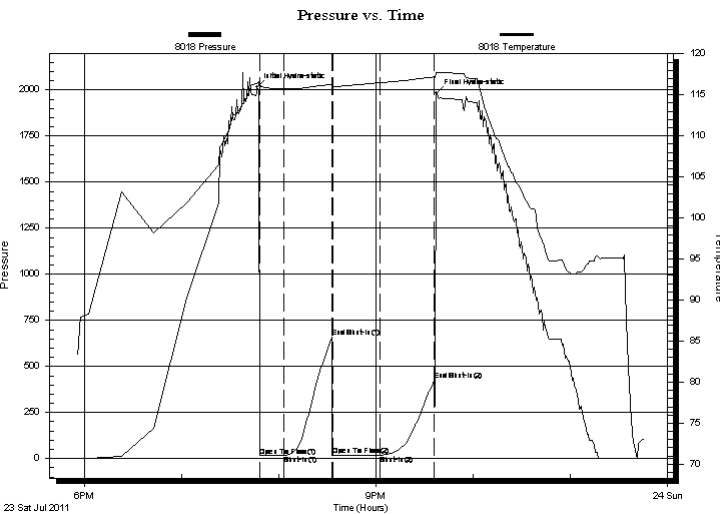
Formation: **LKC 'E' F'**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 19:48:20  
Time Test Ended: 23:45:50  
Interval: **4060.00 ft (KB) To 4090.00 ft (KB) (TVD)**  
Total Depth: 4090.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Reference Elevations: 2934.00 ft (KB)  
2929.00 ft (CF)  
KB to GR/CF: 5.00 ft  
Test Type: Conventional Bottom Hole  
Tester: Chuck Smith  
Unit No: 37

## Serial #: 8018

Inside

Press @ Run Depth: 18.79 psig @ 4062.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.07.23 End Date: 2011.07.23 Last Calib.: 2011.07.23  
Start Time: 17:56:02 End Time: 23:45:49 Time On Btm: 2011.07.23 @ 19:46:40  
Time Off Btm: 2011.07.23 @ 21:37:20

TEST COMMENT: IF: No blow.  
IS: No return.  
FF: No blow, flushed tool, no blow.  
FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2014.76	116.35	Initial Hydro-static
2	14.78	115.63	Open To Flow (1)
17	16.26	115.73	Shut-In(1)
47	659.39	116.29	End Shut-In(1)
47	16.47	115.88	Open To Flow (2)
76	18.79	116.49	Shut-In(2)
110	424.08	117.20	End Shut-In(2)
111	1982.45	117.74	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	OSM 100M	0.01

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Grand Mesa Operating

**Sponey #1-33**

1700 N. Waterfront Pkw y.  
Building 600  
Wichita, KS 67206  
ATTN: Bob Petersen

**S33-13s-31w Gove, KS**

Job Ticket: 43395      **DST#: 1**

Test Start: 2011.07.23 @ 17:56:00

## 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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	OSM 100M	0.010

Total Length: 2.00 ft      Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

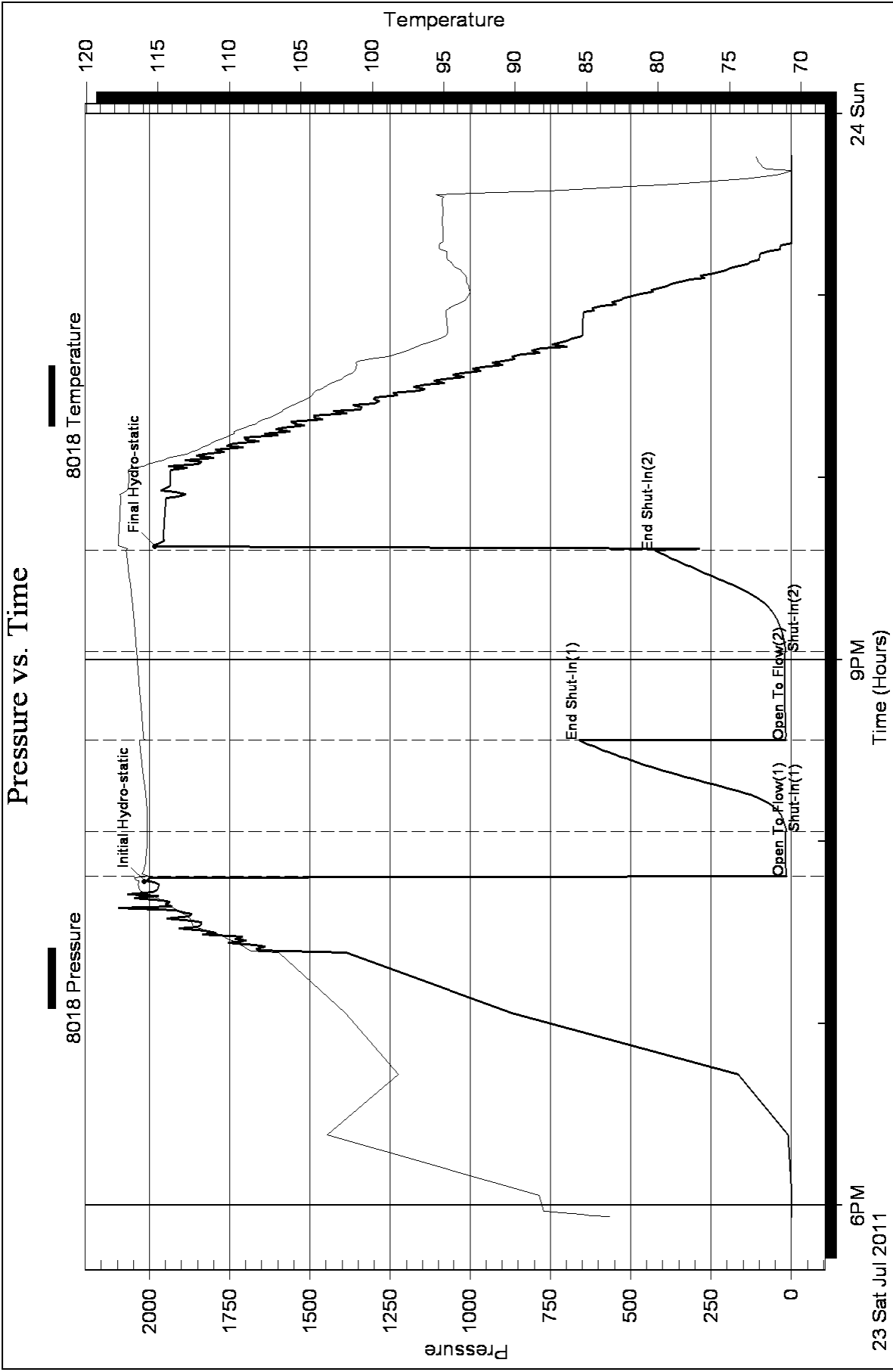
Inside

Grand Mesa Operating

S33-13s-31w Gove, KS

DST Test Number: 1

### Pressure vs. Time







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Grand Mesa Operating  
1700 N. Waterfront Pkwy.  
Building 600  
Wichita, KS 67206  
ATTN: Bob Petersen

**Sponey #1-33**  
**S33-13s-31w Gove, KS**  
Job Ticket: 43396 **DST#: 2**  
Test Start: 2011.07.24 @ 19:11:00

## GENERAL INFORMATION:

Formation: **LKC 'K'**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 21:03:20  
Time Test Ended: 00:46:30  
Test Type: Conventional Bottom Hole  
Tester: Chuck Smith  
Unit No: 37  
Interval: **4230.00 ft (KB) To 4260.00 ft (KB) (TVD)**  
Reference Elevations: 2934.00 ft (KB)  
Total Depth: 4260.00 ft (KB) (TVD) 2929.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

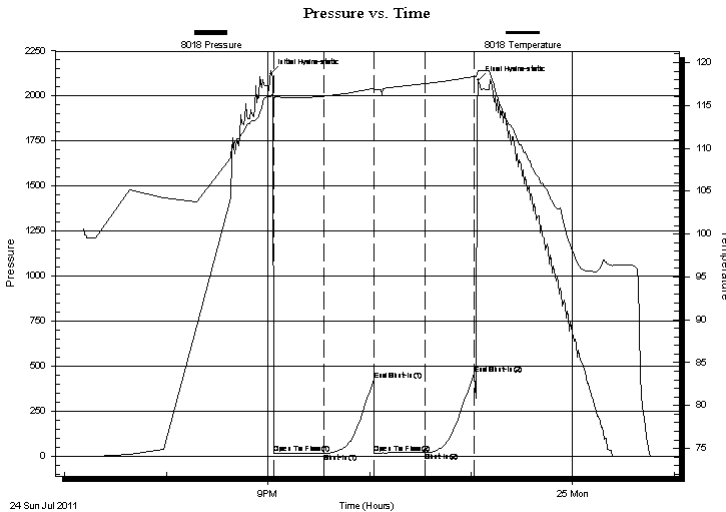
## Serial #: 8018

Inside

Press @ Run Depth: 21.04 psig @ 4232.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.07.24 End Date: 2011.07.25 Last Calib.: 2011.07.25  
Start Time: 19:11:02 End Time: 00:46:30 Time On Btm: 2011.07.24 @ 21:01:50  
Time Off Btm: 2011.07.24 @ 23:04:20

TEST COMMENT: IF: Surface blow died @ 5 min.  
IS: No return.  
FF: No blow, flushed tool, no blow.  
FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2123.49	116.19	Initial Hydro-static
2	16.32	115.69	Open To Flow (1)
31	17.93	116.08	Shut-In(1)
61	426.13	117.00	End Shut-In(1)
61	17.23	116.70	Open To Flow (2)
92	21.04	117.55	Shut-In(2)
121	457.66	118.39	End Shut-In(2)
123	2086.78	119.08	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100m	0.02

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Grand Mesa Operating

**Sponey #1-33**

1700 N. Waterfront Pkw y.  
Building 600  
Wichita, KS 67206  
ATTN: Bob Petersen

**S33-13s-31w Gove, KS**

Job Ticket: 43396 **DST#: 2**

Test Start: 2011.07.24 @ 19:11:00

## 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: 50.00 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: 2700.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M 100m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

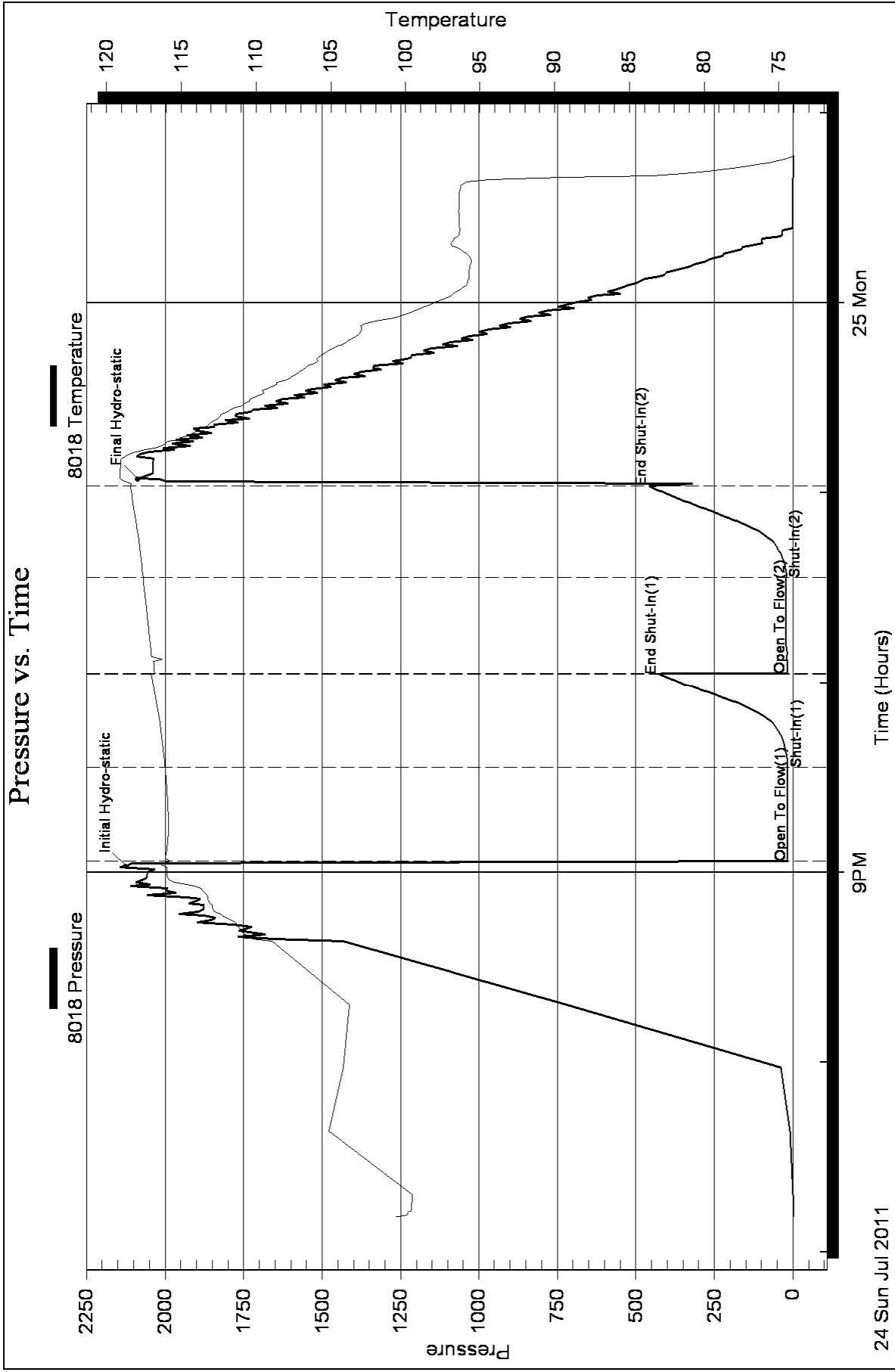
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Grand Mesa Operating  
1700 N. Waterfront Pkw y.  
Building 600  
Wichita, KS 67206  
ATTN: Bob Petersen

**Sponey #1-33**  
**S33-13s-31w Gove, KS**  
Job Ticket: 43397 **DST#: 3**  
Test Start: 2011.07.26 @ 03:50:00

## GENERAL INFORMATION:

Formation: **Upper Ft. Scott**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 05:56:40  
Time Test Ended: 09:54:00  
Interval: **4430.00 ft (KB) To 4520.00 ft (KB) (TVD)**  
Total Depth: 4520.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Chuck Smith  
Unit No: 37  
Reference Elevations: 2934.00 ft (KB)  
2929.00 ft (CF)  
KB to GR/CF: 5.00 ft

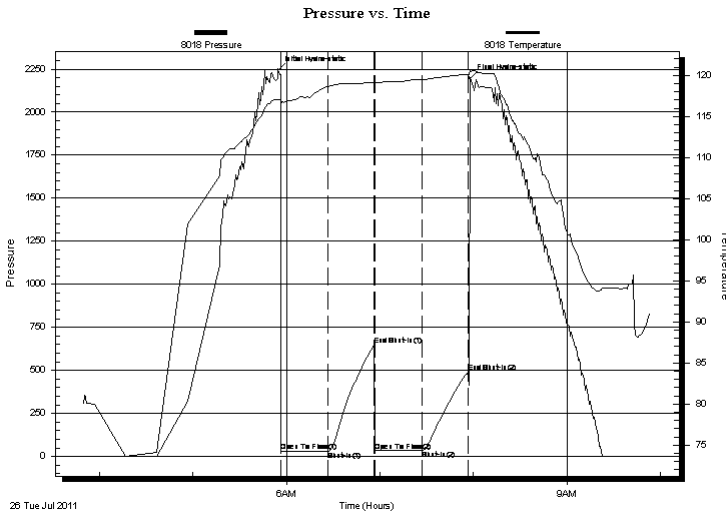
## Serial #: 8018

Inside

Press @ Run Depth: 34.12 psig @ 4433.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.07.26 End Date: 2011.07.26 Last Calib.: 2011.07.26  
Start Time: 03:50:02 End Time: 09:54:00 Time On Btm: 2011.07.26 @ 05:54:40  
Time Off Btm: 2011.07.26 @ 07:57:50

TEST COMMENT: IF: 1/2" Blow died @ 5 min.  
IS: No return.  
FF: No blow.  
FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2242.56	117.04	Initial Hydro-static
2	31.38	116.30	Open To Flow (1)
32	31.89	118.65	Shut-In(1)
62	646.88	119.16	End Shut-In(1)
62	32.91	118.65	Open To Flow (2)
93	34.12	119.46	Shut-In(2)
122	491.34	120.14	End Shut-In(2)
124	2197.06	120.49	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	M100m	0.05

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Grand Mesa Operating

**Sponey #1-33**

1700 N. Waterfront Pkw y.  
Building 600  
Wichita, KS 67206  
ATTN: Bob Petersen

**S33-13s-31w Gove, KS**

Job Ticket: 43397      **DST#: 3**

Test Start: 2011.07.26 @ 03:50:00

## 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: 54.00 sec/qt

Cushion Volume: bbl

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

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	M 100m	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

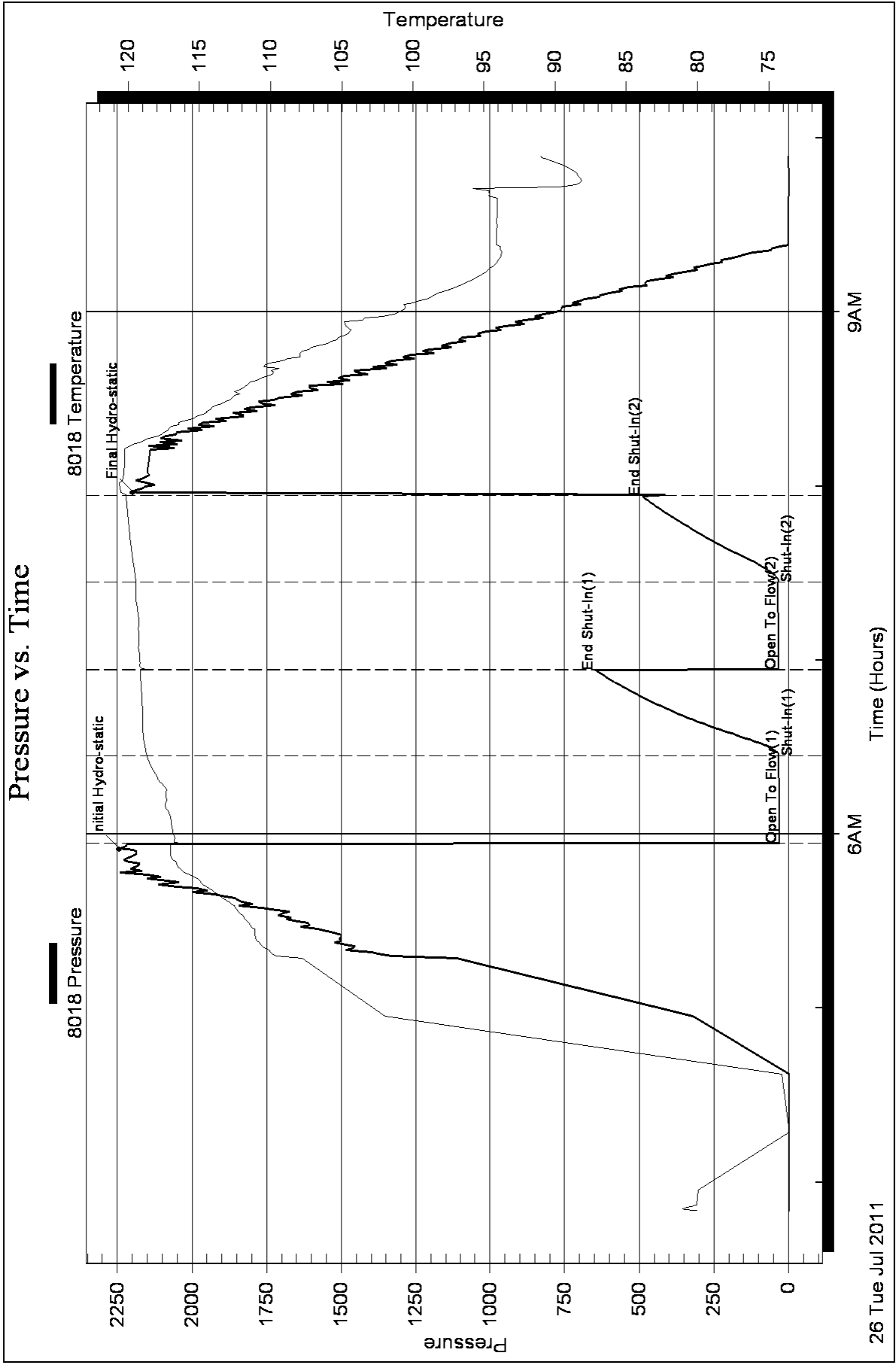
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Grand Mesa Operating  
1700 N. Waterfront Pkw y.  
Building 600  
Wichita, KS 67206  
ATTN: Bob Petersen

**Sponey #1-33**  
**S33-13s-31w Gove, KS**  
Job Ticket: 43398 **DST#: 4**  
Test Start: 2011.07.27 @ 00:01:00

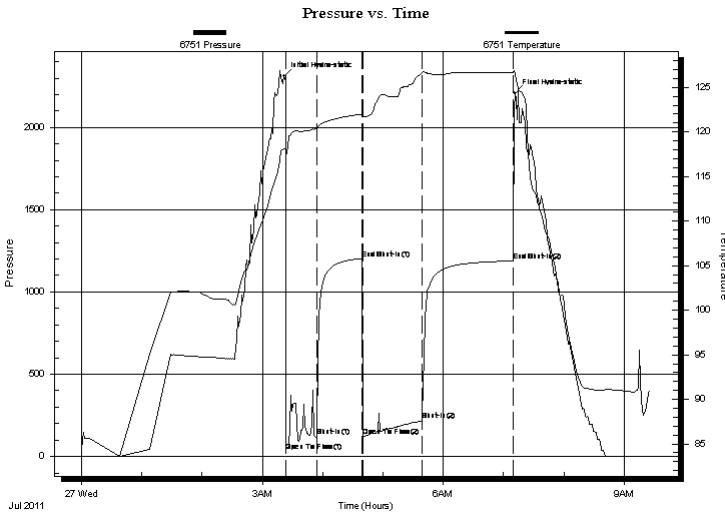
## GENERAL INFORMATION:

Formation: **Johnson**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 03:23:40  
Time Test Ended: 09:25:30  
Interval: **4515.00 ft (KB) To 4580.00 ft (KB) (TVD)**  
Total Depth: 4580.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Chuck Smith  
Unit No: 37  
Reference Elevations: 2934.00 ft (KB)  
2929.00 ft (CF)  
KB to GR/CF: 5.00 ft

**Serial #: 6751 Outside**  
Press @ Run Depth: 217.28 psig @ 4517.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.07.27 End Date: 2011.07.27 Last Calib.: 2011.07.27  
Start Time: 00:01:02 End Time: 09:25:30 Time On Btm: 2011.07.27 @ 03:21:30  
Time Off Btm: 2011.07.27 @ 07:11:20

**TEST COMMENT:** IF: B.O.B. @ 17 min.  
IS: 1 1/2" Return.  
FF: B.O.B. @ 16 min.  
FS: B.O.B. @ 27 min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2310.16	118.09	Initial Hydro-static
3	31.75	117.22	Open To Flow (1)
33	120.21	120.39	Shut-In(1)
78	1203.35	122.01	End Shut-In(1)
79	120.72	121.69	Open To Flow (2)
138	217.28	126.63	Shut-In(2)
229	1188.65	126.64	End Shut-In(2)
230	2208.49	126.50	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOCM 10g 10o 80m	0.59
122.00	GMCO 15g 30m 55o	1.16
124.00	GMCO 10g 40m 50o	1.74
124.00	GO 20g 80o	1.74
0.00	124 Feet GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Grand Mesa Operating

**Sponey #1-33**

1700 N. Waterfront Pkw y.  
Building 600  
Wichita, KS 67206  
ATTN: Bob Petersen

**S33-13s-31w Gove, KS**

Job Ticket: 43398 **DST#: 4**

Test Start: 2011.07.27 @ 00:01:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 67.00 sec/qt  
Water Loss: 7.19 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 3800.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 25 deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

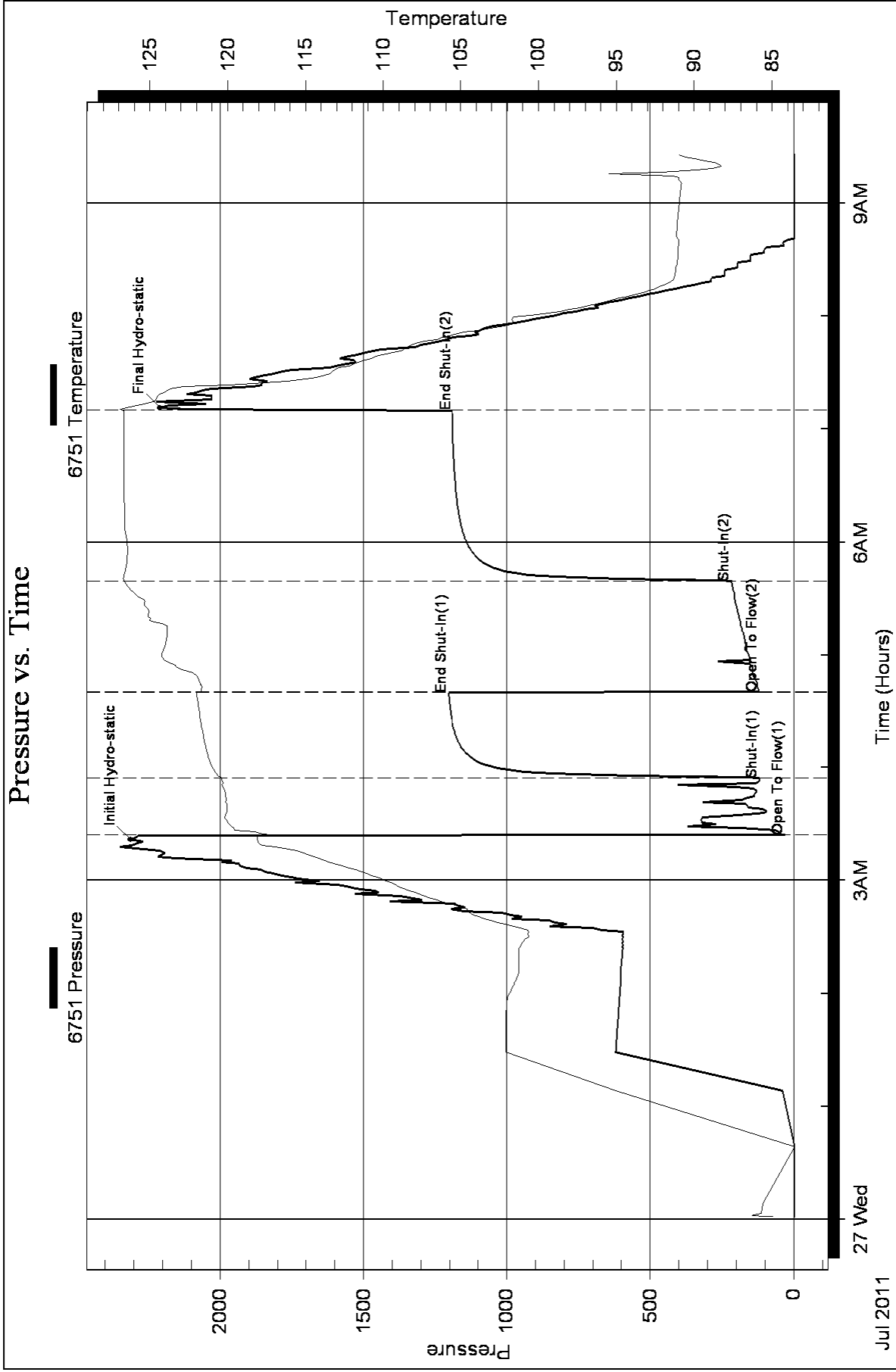
Length ft	Description	Volume bbl
120.00	GOCM 10g 10o 80m	0.590
122.00	GMCO 15g 30m 55o	1.165
124.00	GMCO 10g 40m 50o	1.739
124.00	GO 20g 80o	1.739
0.00	124 Feet GIP	0.000

Total Length: 490.00 ft Total Volume: 5.233 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: API: 27 @ 80 Degrees F = 25.



Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

September 14, 2011

Ronald N. Sinclair  
Grand Mesa Operating Company  
1700 N WATERFRONT PKWY BLDG 600  
WICHITA, KS 67206-5514

Re: ACO1  
API 15-063-21926-00-00  
SPONEY 1-33  
SW/4 Sec.33-13S-31W  
Gove County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Ronald N. Sinclair