



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1100443
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1100443

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	GLENNIS 2-27
Doc ID	1100443

Tops

Name	Top	Datum
Stone Corral	2328	+511
Bs/Stone Corral	2348	+491
Heebner	3858	-1019
Lansing	3899	-1060
Muncie Creek	4052	-1213
Stark	4138	-1299
Marmaton	4243	-1404
Excello	4389	-1550
Mississippian	4496	-1657
LTD	4622	



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Grand Mesa Operating Co	Well Name	Glennis #2-27
Well Operator	Grand Mesa Operating Co	Unique Well ID	DST #1 Lansing 'C' 3926-3945
Contact	Steve Stribling	Surface Location	Sec 27-13s-31w-Gove Co.-KS
Site Contact	Kent Matson	Test Unit	No. 5
Field	Wildcat	Pool	Wildcat
Well Type	Vertical	Job Number	F023
Prepared By	Jake Fahrenbruch	Qualified By	Kent Matson

Test Information

Test Type	Conventional	Test Purpose	Initial Test
Formation	DST #1 Lansing 'C' 3926-3945	Gauge Name	0062
Start Test Date	2012/09/29	Start Test Time	12:19:00
Final Test Date	2012/09/29	Final Test Time	19:42:00

Test Results

Recovered: 5' Clean Oil 100% oil
 275' OS, SMCW 1% oil, 95% wtr, 4% mud

 Total Fluid Recovered: 280'.

 Tool Sample: OSMW, 1% oil, 70% wtr, 29% mud.

 Chlorides: 31,000 ppm.

 Gravity: 31 (corrected).

 RW: .20 ohm @ 68 degF.

 PH: 8.0



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

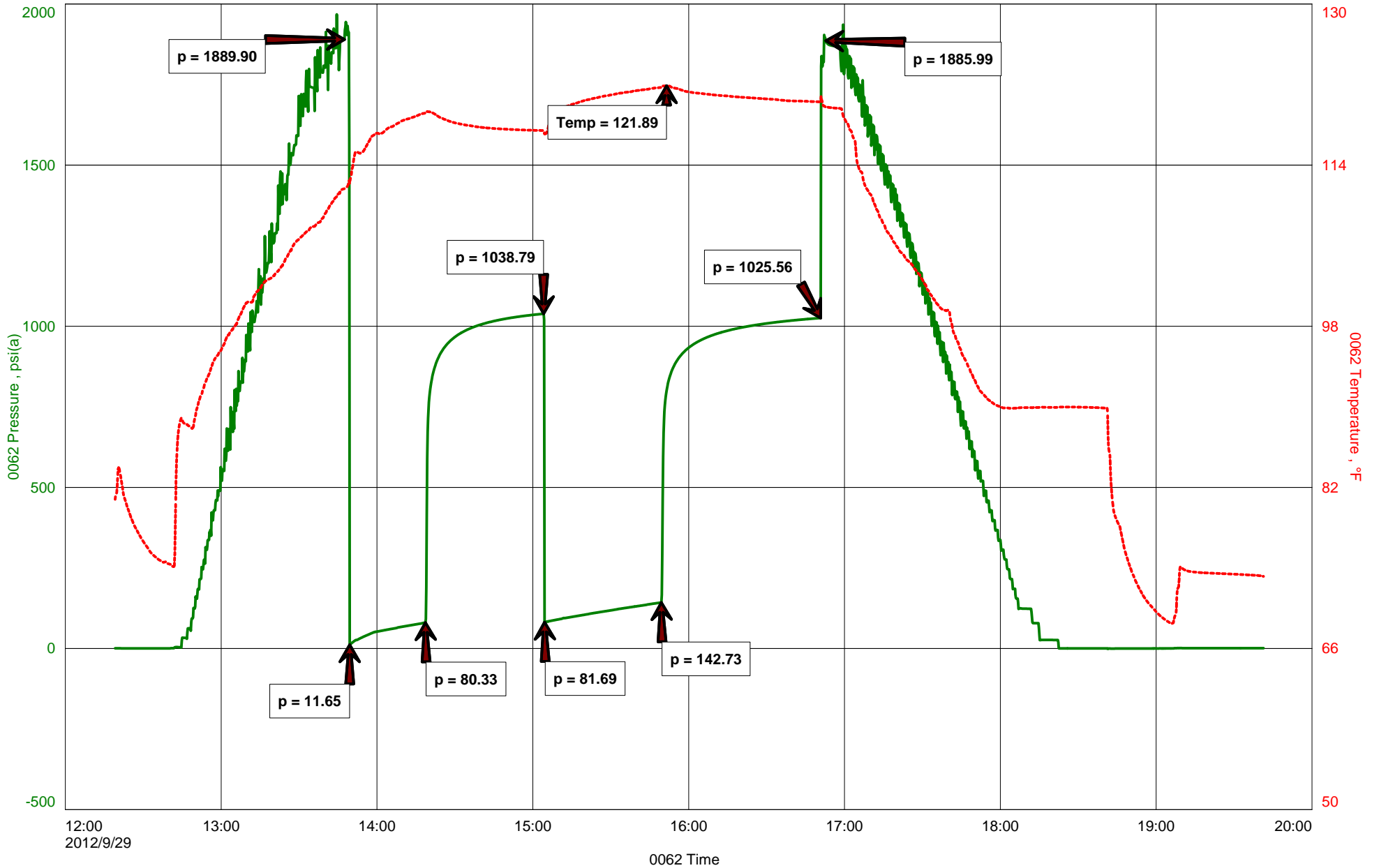
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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Grand Mesa Operating Co
DST #1 Lansing 'C' 3926-3945
Start Test Date: 2012/09/29
Final Test Date: 2012/09/29

Glennis #2-27
Formation: DST #1 Lansing 'C' 3926-3945
Pool: Wildcat
Job Number: F023

Glennis #2-27





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Grand Mesa Operating Co.	Well Name	Glennis #2-27
Well Operator	Grand Mesa Operating Co.	Unique Well ID	DST #2 Lansing "E" 3968-3985
Contact	Steve Stribling	Surface Location	Sec 27-13s-31w-Gove Co.-KS
Site Contact	Kent Matson	Test Unit	No. 5
Field	Wildcat	Pool	Wildcat
Well Type	Vertical	Job Number	F024
Prepared By	Jake Fahrenbruch	Qualified By	Kent Matson

Test Information

Test Type	Conventional	Test Purpose	Initial Test
Formation	DST #2 Lansing "E" 3968-3985	Gauge Name	0062
Start Test Date	2012/09/30	Start Test Time	06:24:00
Final Test Date	2012/09/30	Final Test Time	11:56:00

Test Results

Recovered:	1'	Free Oil	100% oil.
	5'	OCM	15% oil, 85% mud.
	--	Total Fluid:	6'.
	--	Tool Sample:	OCM, 15% oil, 85% mud.



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

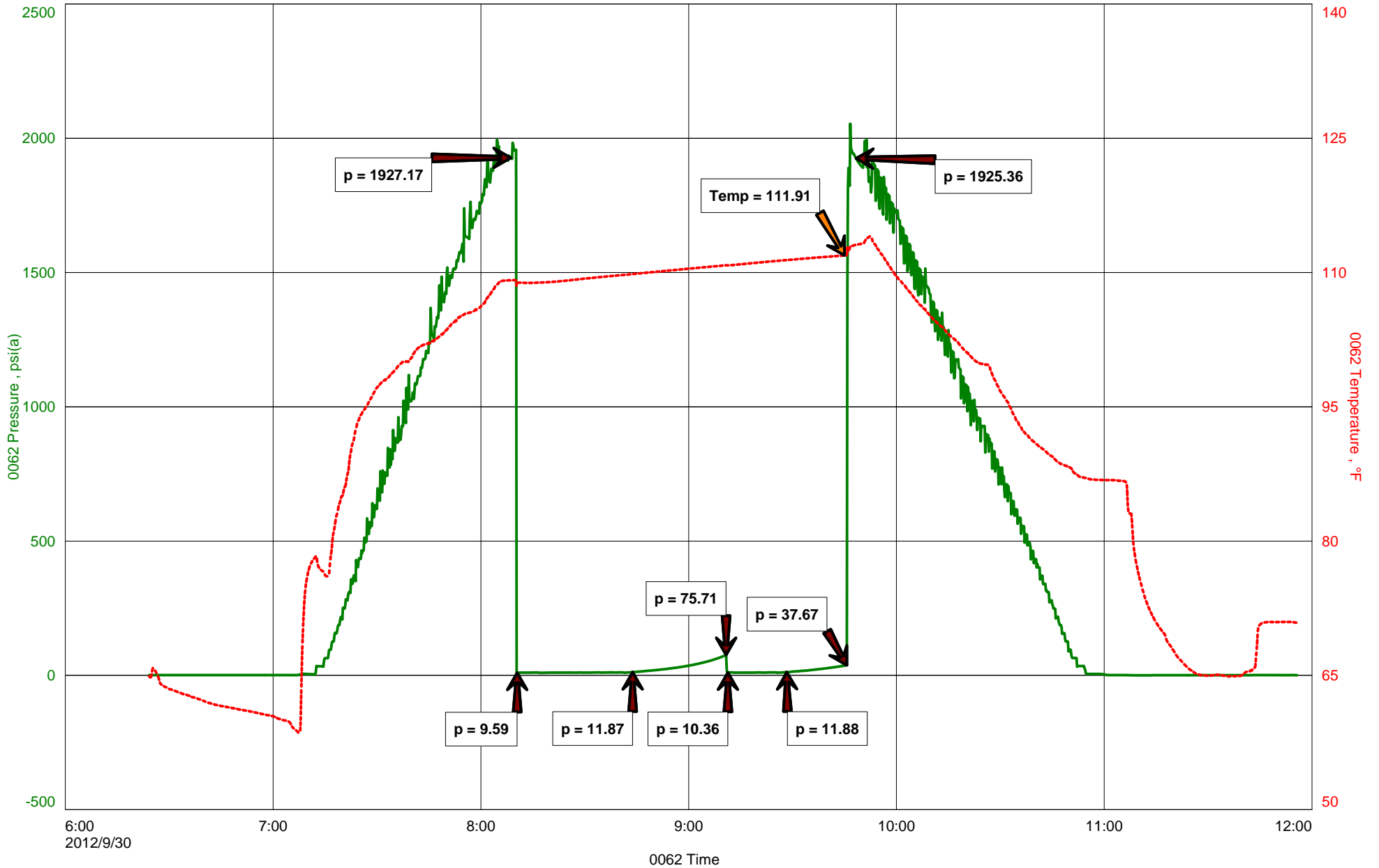
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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Grand Mesa Operating Co.
DST #2 Lansing "E" 3968-3985
Start Test Date: 2012/09/30
Final Test Date: 2012/09/30

Glennis #2-27
Formation: DST #2 Lansing "E" 3968-3985
Pool: Wildcat
Job Number: F024

Glennis #2-27





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Grand Mesa Operating Co.	Well Name	Glennis #2-27
Well Operator	Grand Mesa Operating Co.	Unique Well ID	DST #3 L,KC "H&I" 4049-4115
Contact	Steve Stribling	Surface Location	Sec 27-13s-31w-Gove Co.-KS
Site Contact	Kent Matson	Test Unit	#5
Field	Wildcat	Pool	Wildcat
Well Type	Vertical	Job Number	F025
Prepared By	Jake Fahrenbruch	Qualified By	Kent Matson

Test Information

Test Type	Conventional	Test Purpose	Initial Test
Formation	DST #3 L,KC "H&I" 4049-4115	Gauge Name	0062
Start Test Date	2012/10/01	Start Test Time	09:14:00
Final Test Date	2012/10/01	Final Test Time	18:37:00

Test Results

Recovered:	5' in DP	Free Oil	100% oil	.07 BBL
	30' in DP	GassyHOCM	17% gas, 22% oil, 61% mud	.43 BBL
	90' in DC	GassyHOCM	17% gas, 22% oil, 61% mud	.44 BBL
	-----	180' GIP		
	-----	Total Fluid Recovered: 125'		.94 BBL Total Fluid
	-----	Tool Sample: 9% gas, 28% oil, 3% wtr, 60% mud		
	-----	Gravity: 38 (corrected to 60 deg F)		



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

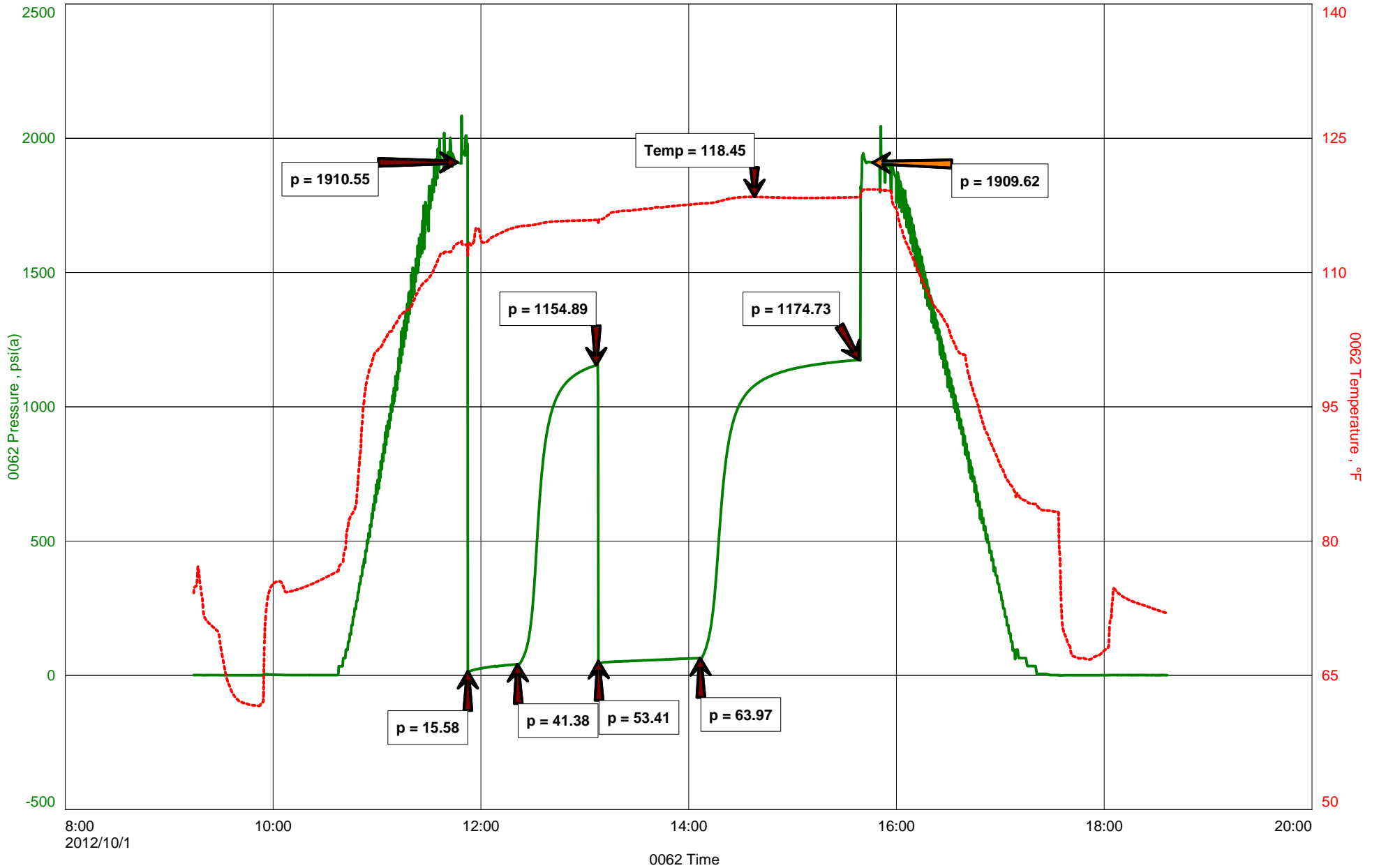
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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Grand Mesa Operating Co.
DST #3 L,KC "H&I" 4049-4115
Start Test Date: 2012/10/01
Final Test Date: 2012/10/01

Glennis #2-27
Formation: DST #3 L,KC "H&I" 4049-4115
Pool: Wildcat
Job Number: F025

Glennis #2-27





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Grand Mesa Operating Co.	Well Name	Glennis #2-27
Well Operator	Grand Mesa Operating Co.	Unique Well ID	DST #4 KC "K" 4134-4166
Contact	Steve Stribling	Surface Location	Sec 27-13s-31w-Gove Co.-KS
Site Contact	Kent Matson	Test Unit	#5
Field	Wildcat	Pool	Wildcat
Well Type	Vertical	Job Number	F026
Prepared By	Jake Fahrenbruch	Qualified By	Kent Matson

Test Information

Test Type	Conventional	Test Purpose	Initial Test
Formation	DST #4 KC "K" 4134-4166	Gauge Name	0062
Start Test Date	2012/10/02	Start Test Time	06:42:00
Final Test Date	2012/10/02	Final Test Time	15:42:00

Test Results

Recovered:

10' in DP	(.14 bbl) Clean Oil	100% oil
155' in DP	(2.20 bbl) OS HMCW	1% oil, 68% wtr, 31% mud
100' in DP	(1.42 bbl) OSW	1% oil, 99% wtr
90' in DC	(.44 bbl) OSW	1% oil, 99% wtr

----- 120' G.I.P.
----- Total Fluid Recovered: 355' (4.2 bbl)
----- Tool Sample: OSW 1% oil, 99% wtr
----- Chlorides: 48,000 ppm
----- Gravity: 36 @ 60 deg F
----- RW: .12 @ 84 deg F
----- PH: 7.0
----- *****Hydrogen Sulfide Present In Recovered Fluid*****



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

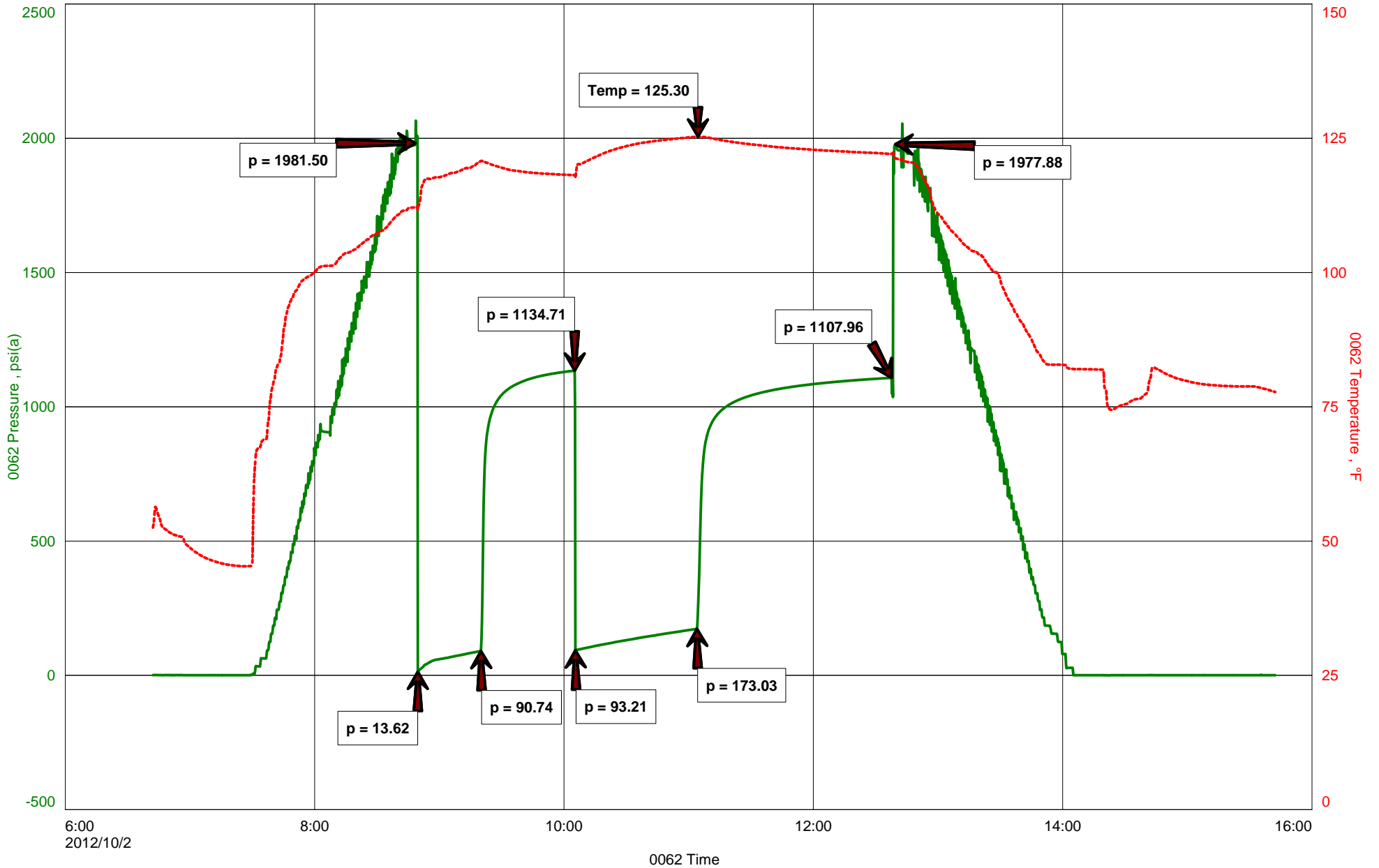
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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Grand Mesa Operating Co.
DST #4 KC "K" 4134-4166
Start Test Date: 2012/10/02
Final Test Date: 2012/10/02

Glennis #2-27
Formation: DST #4 KC "K" 4134-4166
Pool: Wildcat
Job Number: F026

Glennis #2-27





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Grand Mesa Operating Co.	Well Name	Glennis #2-27
Well Operator	Grand Mesa Operating Co.	Unique Well ID	DST #5 Lower Ft Scott 4358-4385
Contact	Steve Stribling	Surface Location	Sec 27-13s-31w-Gove Co.-KS
Site Contact	Kent Matson	Test Unit	#5
Field	Wildcat	Pool	Wildcat
Well Type	Vertical	Job Number	F027
Prepared By	Jake Fahrenbruch	Qualified By	Kent Matson

Test Information

Test Type	Conventional	Test Purpose	Initial Test
Formation	DST #5 Lower Ft Scott 4358-4385	Gauge Name	0062
Start Test Date	2012/10/03	Start Test Time	11:55:00
Final Test Date	2012/10/03	Final Test Time	17:40:00

Test Results

Recovered: 5' in DC Drlg Mud 100% mud
Tool Sample: Drlg Mud 100% mud



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: _____

TIME ON: _____
 TIME OFF: _____

Company _____ Lease & Well No. _____
 Contractor _____ Charge to _____
 Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
 Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
 Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
 Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
 2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

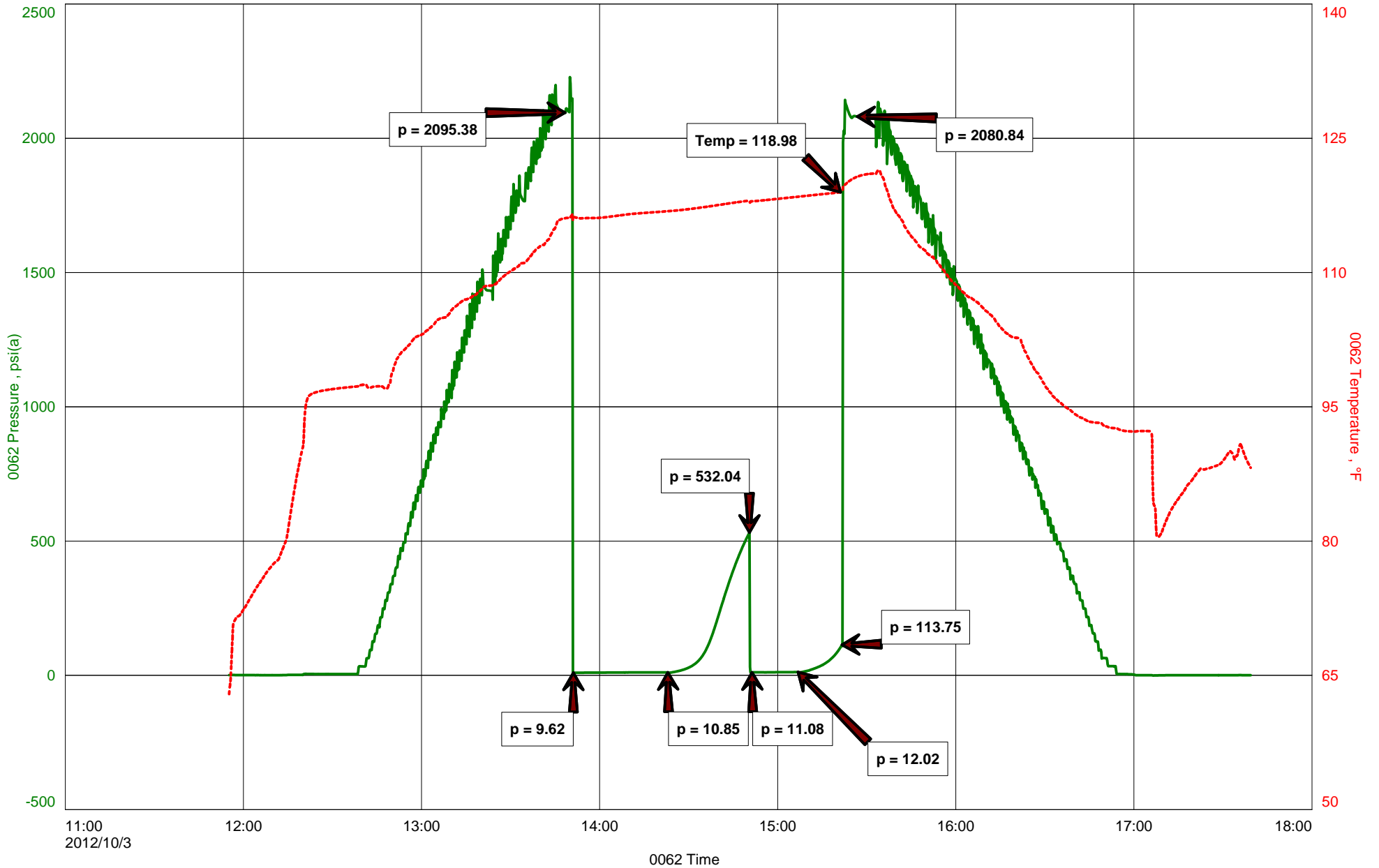
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
 Initial Hydrostatic Pressure..... (A) _____ P.S.I.
 Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
 Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
 Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
 Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
 Final Hydrostatic Pressure..... (H) _____ P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Grand Mesa Operating Co.
DST #5 Lower Ft Scott 4358-4385
Start Test Date: 2012/10/03
Final Test Date: 2012/10/03

Glennis #2-27
Formation: DST #5 Lower Ft Scott 4358-4385
Pool: Wildcat
Job Number: F027

Glennis #2-27





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Grand Mesa Operating Co.	Well Name	Glennis #2-27
Well Operator	Grand Mesa Operating Co.	Unique Well ID	DST #6 Vertigris-Johnson 4402-4476
Contact	Steve Stribling	Surface Location	Sec 27-13s-31w-Gove Co.-KS
Site Contact	Kent Matson	Test Unit	#5
Field	Wildcat	Pool	Wildcat
Well Type	Vertical	Job Number	F028
Prepared By	Jake Fahrenbruch	Qualified By	Kent Matson

Test Information

Test Type	Conventional	Test Purpose	Initial Test
Formation	DST #6 Vertigris-Johnson 4402-4476	Gauge Name	0062
Start Test Date	2012/10/04	Start Test Time	11:27:00
Final Test Date	2012/10/04	Final Test Time	22:13:00

Test Results

Recovered:	62' in DP	Clean Gassy Oil	100% oil	(.88 bbl)
	2006' in DP	Reversed Out	Clean Oil	(28.49 bbl)
	30' in DP	G&MCO	10% gas, 70% oil, 20% mud	(.43 bbl)
	90' in DC	MCO	80% oil, 20% mud	(.44 bbl)
	-----	Gas To Surface (TSTM)		
	-----	Total Fluid Recovered: 2188', 30.24 bbl.		
	-----	Tool Sample: Clean Oil, 100% oil.		
	-----	Gravity: 30 (corrected to 60 deg F)		



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

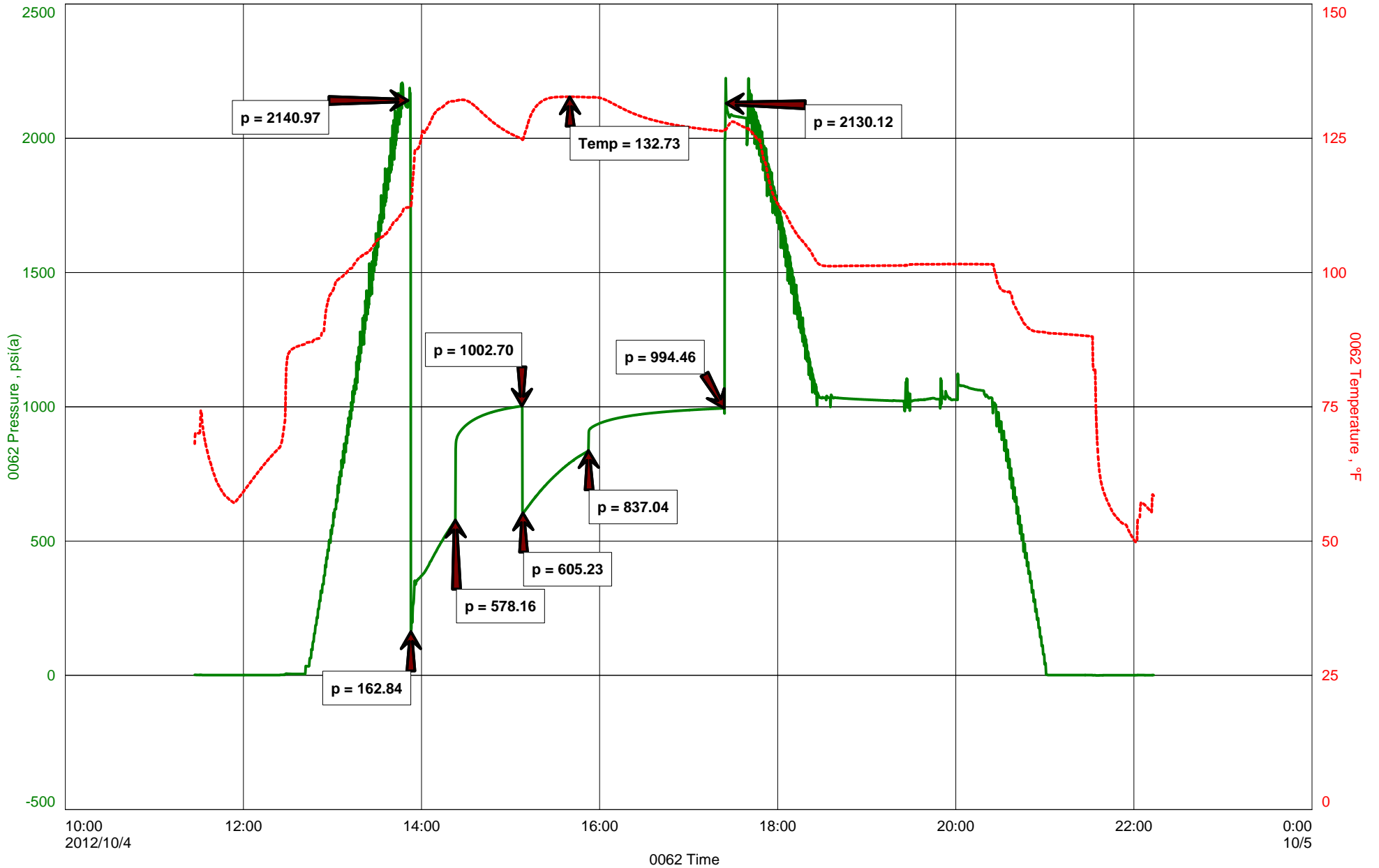
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Grand Mesa Operating Co.
DST #6 Vertigris-Johnson 4402-4476
Start Test Date: 2012/10/04
Final Test Date: 2012/10/04

Glennis #2-27
Formation: DST #6 Vertigris-Johnson 4402-4476
Pool: Wildcat
Job Number: F028

Glennis #2-27



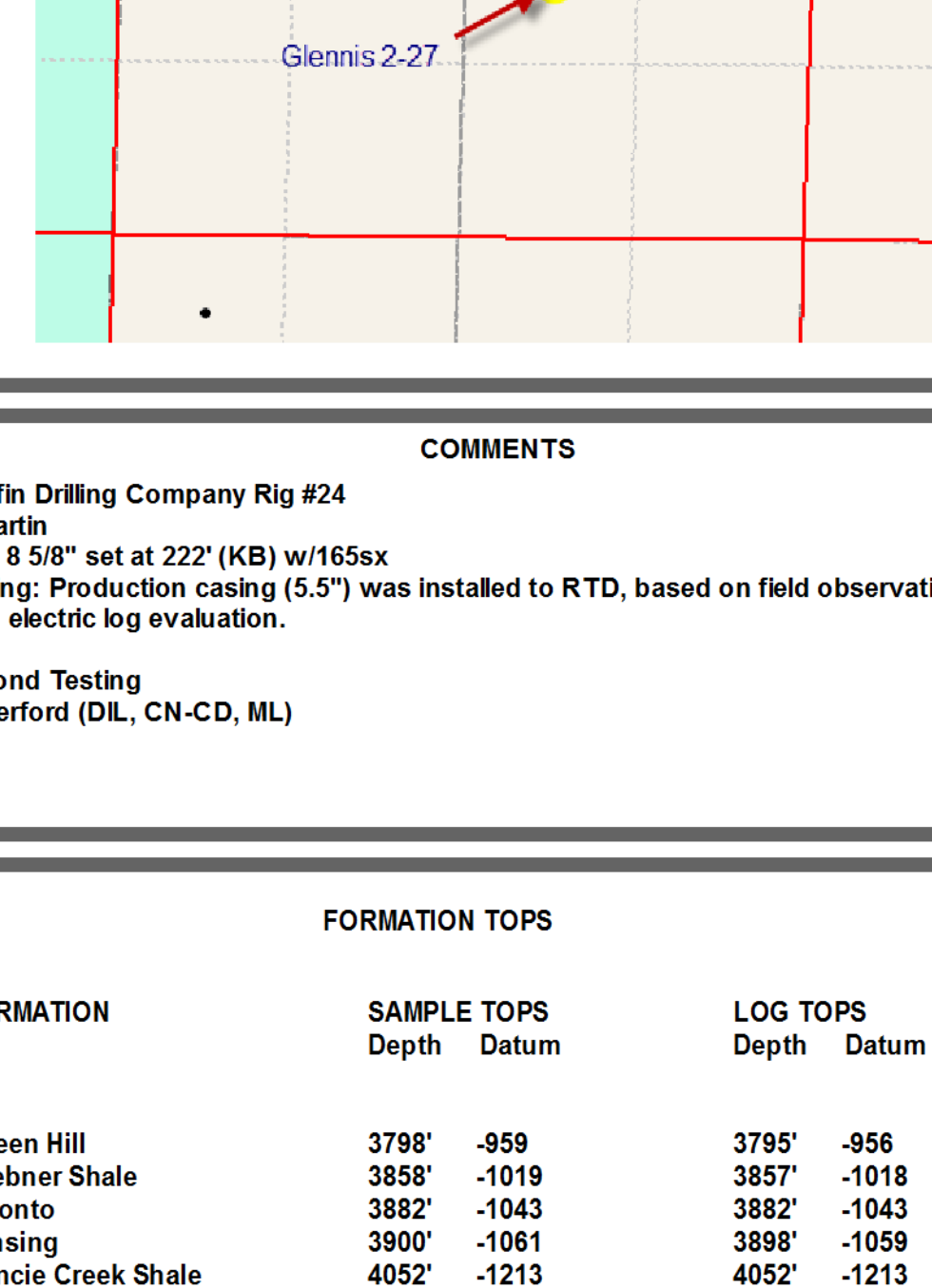
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Glennis #2-27
Location: 1931' FSL, 1945' FEL, 27-13s-31w, Gove County, Kansas
License Number: AP1: 15-063-22041
Spud Date: 09/25/2012
Surface Coordinates: Lat: 38.8934165 Long: -100.7488359
Bottom Hole Coordinates: Vertical hole
Ground Elevation (ft): 2834' **K.B. Elevation (ft):** 2839'
Logged Interval (ft): 3800' **To: RTD** **Total Depth (ft):** 4622'
Formation: Mississippian at RTD
Type of Drilling Fluid: Chemical

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

GEOLOGIST

Name: Kent R. Matson
Company: Matson Geological Services, LLC
Address: 33300 W. 15th Street S.
 Garden Plain, Kansas 67050
 316-644-1975

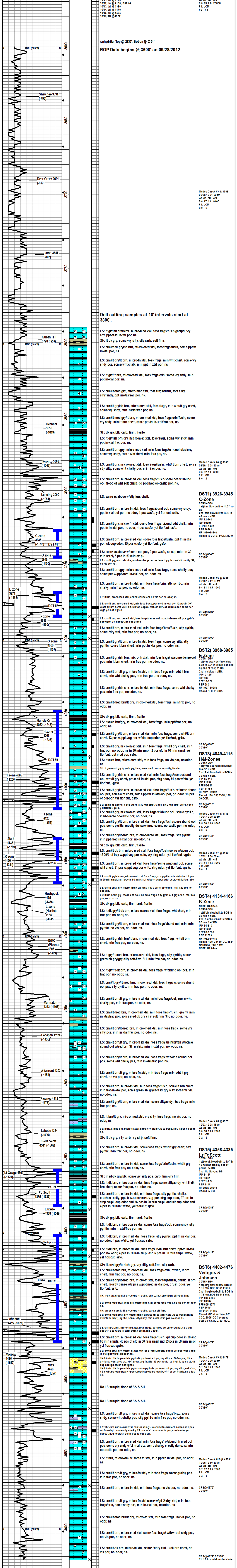


COMMENTS

Contractor: Murfin Drilling Company Rig #24
Pusher: Tony Martin
Surface Casing: 8 5/8" set at 222' (KB) w/165ssx
Production Casing: Production casing (5.5") was installed to RTD, based on field observations of drill cuttings, DST results and electric log evaluation.
Mud by: MudCo
DST's by: Diamond Testing
Logs by: Weatherford (DIL, CN-CD, ML)
RTD = 4622'
LTD = 4622'

FORMATION TOPS

FORMATION	SAMPLE TOPS		LOG TOPS	
	Depth	Datum	Depth	Datum
Queen Hill	3798'	-959	3795'	-956
Heebner Shale	3858'	-1019	3857'	-1018
Toronto	3882'	-1043	3882'	-1043
Lansing	3900'	-1061	3898'	-1059
Muncie Creek Shale	4052'	-1213	4052'	-1213
Stark Shale	4138'	-1299	4139'	-1300
Hushpuckney Shale	4175'	-1336	4175'	-1336
Marmaton	4242'	-1403	4242'	-1403
Upper Fort Scott	4341'	-1502	4342'	-1503
Little Osage Shale	4362'	-1523	4363'	-1524
Excello Shale	4388'	-1549	4389'	-1550
Johnson Zone	4465'	-1626	4465'	-1626
Morrow	4486'	-1647	4486'	-1647
Mississippian	4486'	-1657	4486'	-1657
RTD	4622'	-1783		
LTD			4622'	-1783



RTD 4622' -1783
LTD 4622' -1783

JOB LOG

SWIFT Services, Inc.

DATE 10-6-12 PAGE NO.

CUSTOMER Grand Mesa WELL NO. 2-27 LEASE Glennis JOB TYPE Cement 5 1/2" Longstring TICKET NO. 23356

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								TD - 4622 TP - 4624 set @ 4620
								Shoe JT - 11' #1 P.C. - 2340 #55 5 1/2" 15.5#
								Centralizer - #2 #4 #6 #8 #10 #12 #14 #54
								Basket - #2, #55
	0600							on location
	0850							Start 5 1/2" casing in well
	1100							Drop Ball - circulate - Rotate -
	1113	6 3/4	12		✓		300	Pump 500gal mud flush
		6 3/4	20		✓		300	Pump 20 lbs KCL flush
			7-5					Plug RH MH (30 sks - 20 sks)
	1135	7 1/2	42		✓		200	Mix cement 175 sks EA 2 @ 15.5 ppm
								Wash out Pump + Lines
								Drop Latch Down Plug
	1145	6 3/4	0		✓			Displace Plug
		6 3/4	99		✓		850	
	1200	6 3/4	109.7		✓		1500	Land Plug
								Release PSI - Hold
								Wash up truck
	1240							Job Complete
								Thank you
								Dave, Blaine, D, Russ

JOB LOG

SWIFT Services, Inc.

DATE 10 OCT 12 PAGE NO.

CUSTOMER GRAND MESA

WELL NO.

LEASE GLENNIS 227

JOB TYPE CEMENT PORT COLLAR

TICKET NO. 23476

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0800							ON LOCATION
								PORT COLLAR @ 2340
	0956				✓		1000	TEST - HELD
	1000	3			✓		300	OPEN PORT COLLAR - TAKE INS. RATE
	1005	4 1/2	127		✓		400	MIX #230 SX SMD
		3	122		✓		200	DISPLACE CEMENT
								CIRCULATE 20 SX TO PIT
	1038				✓		1000	CLOSE PORT COLLAR - TEST - HELD
								RUN 4 JOINTS.
	1049	4	25		✓		350	REVERSE CEMENT OUT OF TUBING
	1100							WASH TRUCK
	1130							JOB COMPLETE
								THANKS #115
								JASON JEFF FLINT

Pro-Stim Chemicals LLC

Date 10-22-12

Acidizing Report

Customer <u>Grand Mesa</u>	Pro-Stim Chemical Yard <u>Dighton</u>	Pro-Stim Number <u>A4</u>
Well Name & Number <u>Glennis 2-27</u>	Field	Formation <u>Spot 3 barrel</u>
County <u>Gove</u> State <u>KS</u>	BHT	YD
Interval		

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

Job Pumped Via: Tubing Casing Annulus CTU Combination Plug Depth _____ Packer Depth 4425

Casing Size: <u>5 1/2</u>	GRD	WT	Depth	Tubing Size: <u>2 7/8</u>	GRD	WT	Spot <u>4480</u>
Casing Vol.	Tbg Vol <u>26</u>	Ann Vol	OH Vol	Total Displacement			
Maximum Pressure	Tubing	Casing	Proposed Pump Time	AOL	Leave Loc		

Special Instructions: 250 gals 15% RWR-1 w/additives

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure		Observations
					Tubing	Casing	
<i>minutes</i>							Safety Meeting
1	Acid						Prs Test to _____ psi
12	Acid	3.2		6	20		Acid gone
18	Flush	3.2		27	10		hole loaded
18	Flush	0		27.8	50		
20	Flush	.75		29	500		max Total load
21	Flush	1.0		30	700		
23	Flush	2.0		32	10		

Treatment Synopsis

Avg Inj Rate	Fluid BPM	Total Injected		H2O <u>26</u>	Acid <u>6</u>	Oil
Treating Prs	Max <u>700</u>	Final <u>10</u>	Avg.	ISIP <u>1/4 C</u>	5'SI	10'SI
Customer Representative				Pro-Stim Supervisor	<u>Shannon M.</u>	

Pro-Stim Chemicals, LLC

P.O. Box 25
 Cheyenne Wells, CO 80810

NOV 13 2012

Invoice

Date	Invoice #
10/31/2012	71343

Bill To
Grand Mesa Operating Co. 1700 N. Waterfront Pkwy - Bldg 600 Wichita, KS 67206-6614

Ship To

Requested By	Terms	Ship	Lease
	Net 30	10/22/2012	GLENNIS #2-27

Quantity	Item Code	Description	Price Each	Amount
250	RWR-1 15%	GALLONS	[REDACTED]	[REDACTED]
30	KCL BIOCIDE - 2%	BRLS		
1	DUMP JOB	HOURS		
3.5	TRUCK TIME	Sales Tax - GOVE CO.		

			Total	[REDACTED]
--	--	--	--------------	------------

Phone #	Fax #	E-mail
719-767-8071	719-767-5925	prostim@hotmail.com

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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 14, 2012

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

Re: ACO1
API 15-063-22041-00-00
GLENNIS 2-27
SE/4 Sec.27-13S-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