

## **DST #2 LEN,ALT, PAW 4,397' - 4,492'**

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Client: **GRAND MESA OPERATING COMPANY**  
Well Name: **CONNER #1-6**  
Location: **SEC 6-16S-32W SCOTT CO., KS**  
Field/Pool: **WILDCAT**  
Formation Name: **LEN, ALT, PAW**  
Test/Prod. Interval [ft KB Log]: **4,397 - 4,492**  
Test Date: **2012/05/31**  
Test/job Number: **2**

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***JMCO***  
***Instruments***

Service Company: **DIAMOND TESTING**  
**ROGER D. FRIEDLY - TESTER**  
**CELL PHONE 620-793-2043**

# SUMMARY



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## Well Information:

Client Name:	GRAND MESA OPERATING CO	Packer:	Yes
Client Address:	RONALD SINCLAIR	Tubing in Well:	
		Flow Path:	
		Well Fluid Type at Test Date:	
Well Name:	CONNER #1-6	Well Type:	Vertical
Well Location:	SEC 6-16S-32W SCOTT CO., KS		
Pool:	WILDCAT	KB Elevation [ft]:	3,025
Reservoir:		CF Elevation [ft]:	
Well ID:		Ground Elevation [ft]:	
License Number:		Inside Diameter of Production Tubing [in]:	
Drilling Leg:		Inside Diameter of Production Casing [in]:	
Formation Name:	LEN, ALT, PAW	Outside Diameter of Production Tubing [in]:	

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## Test Information:

Test Name:	DST #2 LEN,ALT, PAW 4,397' - 4,492'		
Test/job Number:	2	Gauge Run Depth [ft KB (TVD)]:	4,400
Test Purpose:	Initial Test	H2S:	No
Test/Prod. Interval Top [ft KB (Log)]:	4,397	Test/Prod. Interval Top [ft KB (TVD)]:	
Test/Prod. Interval Base [ft KB (Log)]:	4,492	Test/Prod. Interval Base [ft KB (TVD)]:	
Time/Date Well Shut-In:	2012/05/31 14:02:00	Final Test Date/Time:	2012/05/31 16:41:00
Initial Tubing Pressure [psig]:		Initial Casing Pressure [psig]:	
Final Tubing Pressure [psig]:		Final Casing Pressure [psig]:	
Final Flowing WH Pressure [psig]:		Surface Temperature [degF]:	

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## Gauge Information:

Gauge Serial Number:	S0062N		
Maximum Recorder Range [psig]:	5986	Date Of Last Calibration:	2011/09/06
Resolution [% Of Full-Scale]:	0.0003	Accuracy [% Of Full-Scale]:	0.03
Date/Time Gauge On Bottom:		Date/Time Gauge Off Bottom:	

Client: GRAND MESA OPERATING COMPANY Well Name: CONNER #1-6  
Test Date: 2012/05/31 Location: SEC 6-16S-32W SCOTT CO., KS  
Tool Serial #: S0062N Field/Pool: WILDCAT



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**EVENTS TABLE**

Calendar (yyyy/mm/dd hh:mm:ss)	Elapsed time (hours)	Pressure (psig)	Temperature (degF)	Comment
2012/05/31 11:06:40	2.02778	2100.427	112.145	INITIAL HYD. 2,224
2012/05/31 11:09:30	2.07500	22.619	111.613	INITIAL FLOW 23
2012/05/31 11:39:00	2.56667	142.308	119.330	FINAL INITIAL FLOW 142
2012/05/31 12:24:20	3.32222	1055.065	116.655	INITIAL SHUT-IN 1,055
2012/05/31 12:24:50	3.33056	144.004	116.475	INITIAL FINAL FLOW 144
2012/05/31 13:09:10	4.06944	194.227	117.119	FINAL FINAL FLOW 194
2012/05/31 14:09:50	5.08056	983.679	118.273	FINAL SHUT-IN 984
2012/05/31 14:11:50	5.11389	2149.769	118.774	FINAL HYD 2,159

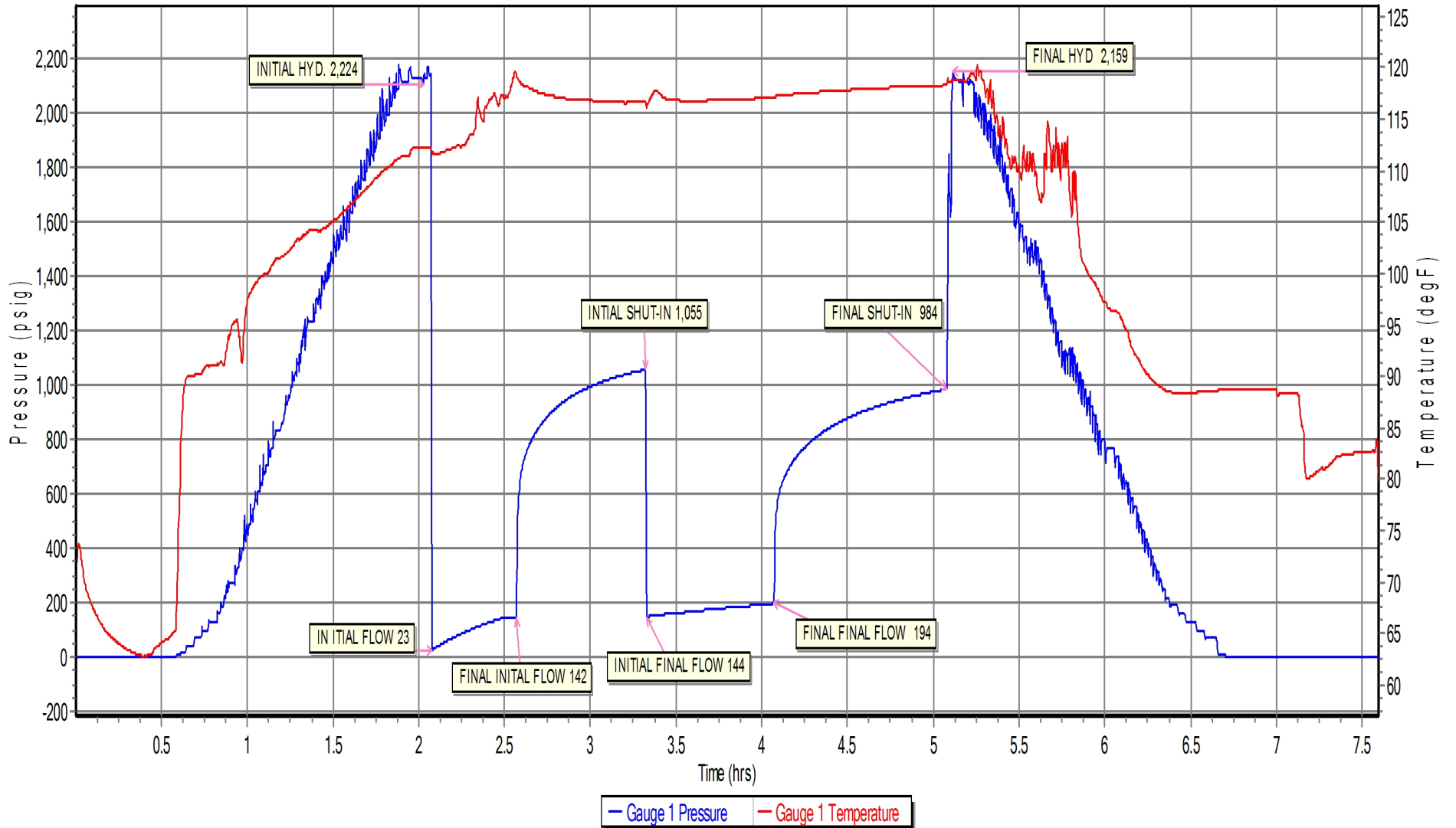
Client: GRAND MESA OPERATING CO Well Name: CONNER #1-6  
Test Date: 2012/05/31 Location: SEC 6-16S-32W SCOTT CO., KS  
Tool Serial #: S0062N Field/Pool: WILDCAT

Formation Name: LEN, ALT, PAW  
Gauge Run Depth [ft KB (TVD)]: 4,400  
Test/Prod. Interval Top [ft KB (TVD)]:  
Test/Prod. Interval Base [ft KB (TVD)]:



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**DATA PLOT**





**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.

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.