



KANSAS CORPORATION COMMISSION 1086067
OIL & GAS CONSERVATION DIVISION

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 9855
Name: Grand Mesa Operating Company
Address 1: 1700 N WATERFRONT PKWY BLDG 600
Address 2: _____
City: WICHITA State: KS Zip: 67206 + 5514
Contact Person: Ronald N. Sinclair
Phone: (316) 265-3000
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: John Goldsmith
Purchaser: N/A

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 #: _____

| 05/25/2012 | 06/03/2012 | 06/03/2012 |
|--------------------------------|-----------------|--------------------------------------|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 15-171-20867-00-00

Spot Description: _____
SE NW NE NE Sec. 6 Twp. 16 S. R. 32 East West
643 Feet from North / South Line of Section
934 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Scott
Lease Name: CONNER Well #: 1-6

Field Name: Wildcat
Producing Formation: None

Elevation: Ground: 3014 Kelly Bushing: 3025
Total Depth: 4750 Plug Back Total Depth: 0

Amount of Surface Pipe Set and Cemented at: 216 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: 17000 ppm Fluid volume: 900 bbls
Dewatering method used: Evaporated

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: Deanna Garcia Date: 07/02/2012



1086067

Operator Name: Grand Mesa Operating Company Lease Name: CONNER Well #: 1-6
 Sec. 6 Twp. 16 S. R. 32 East West County: Scott

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

| | |
|--|--|
| Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no. Submit Copy)</i> List All E. Logs Run: CPDCN Micro Log AI Shadow Focused Elect. Log Micro Log | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached |
|--|--|

| CASING RECORD <input checked="" 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 |
| Surface | 12.25 | 8.625 | 23 | 216 | Common | 150 | 3% CC, 2% Gel |
| | | | | | | | |
| | | | | | | | |

| 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 checked="" type="checkbox"/> Plug Off Zone | 0-4750 | 60/40 Pozmix | 300 | 4% Gel, 1/4#sx Flocele |
| | | | | |

| 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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ | | | | | |
| Estimated Production Per 24 Hours | Oil Bbbls. | Gas Mcf | Water Bbbls. | 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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|---|---|--|

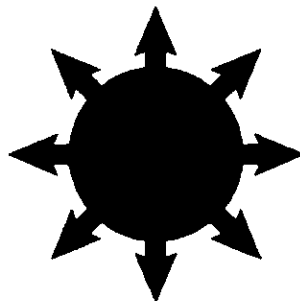
| | |
|-----------|------------------------------|
| Form | ACO1 - Well Completion |
| Operator | Grand Mesa Operating Company |
| Well Name | CONNER 1-6 |
| Doc ID | 1086067 |

Tops

| | | |
|-----------------|------|-------|
| | | |
| Bs/Stone Corral | 2441 | +583 |
| Heebner | 3973 | -948 |
| Lansing | 4012 | -987 |
| Muncie Creek | 4186 | -1161 |
| Stark | 4274 | -1249 |
| Marmaton | 4396 | -1371 |
| Excello | 4533 | -1508 |
| Mississippian | 4679 | -1654 |
| LTD | 4754 | |

DST #1 LKC 'H,I,J' 4,174' - 4,270'

Client: **GRAND MESA**
Well Name: **CONNER #1-6**
Location: **SEC 6-18S-32W**
Field/Pool: **WILDCAT**
Formation Name: **DST #1 LKC 'H,I,J,'**
Test/Prod. Interval [ft KB Log]: **4,174 - 4,270**
Test Date: **2012/05/30**
Test/job Number: **NO. 1**



JMCO
Instruments

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

SUMMARY



Well Information:

| | | | |
|-----------------|---------------------|---|----------|
| Client Name: | GRAND MESA | Packer: | Yes |
| Client Address: | | Tubing in Well: | |
| | | Flow Path: | |
| Well Name: | CONNER #1-6 | Well Fluid Type at Test Date: | Water |
| Well Location: | SEC 6-18S-32W | Well Type: | Vertical |
| Pool: | WILDCAT | KB Elevation [ft]: | 3,025 KB |
| 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: | DST #1 LKC 'H,I,J,' | Outside Diameter of Production Tubing [in]: | |

Test Information:

| | | | |
|---|------------------------------------|---|---------------------|
| Test Name: | DST #1 LKC 'H,I,J' 4,174' - 4,270' | Gauge Run Depth [ft KB (TVD)]: | |
| Test/job Number: | NO. 1 | H2S: | |
| Test Purpose: | Initial Test | Test/Prod. Interval Top [ft KB (TVD)]: | |
| Test/Prod. Interval Top [ft KB (Log)]: | 4,174 | Test/Prod. Interval Base [ft KB (TVD)]: | |
| Test/Prod. Interval Base [ft KB (Log)]: | 4,270 | Final Test Date/Time: | 2012/05/30 12:49:00 |
| Time/Date Well Shut-In: | 2012/05/30 10:09:00 | Initial Casing Pressure [psig]: | |
| Initial Tubing Pressure [psig]: | | Final Casing Pressure [psig]: | |
| Final Tubing Pressure [psig]: | | Surface Temperature [degF]: | |
| Final Flowing WH Pressure [psig]: | | | |

Gauge Information:

| | | | |
|--------------------------------|---------------------|-----------------------------|---------------------|
| Gauge Serial Number: | S0062N | Date Of Last Calibration: | 2011/09/06 |
| Maximum Recorder Range [psig]: | 5986 | Accuracy [% Of Full-Scale]: | 0.03 |
| Resolution [% Of Full-Scale]: | 0.0003 | Date/Time Gauge Off Bottom: | 2012/05/30 10:09:00 |
| Date/Time Gauge On Bottom: | 2012/05/30 07:09:00 | | |

Client: GRAND MESA
Test Date: 2012/05/30
Tool Serial #: S0062N

Well Name: CONNER #1-6
Location: SEC 6-18S-32W
Field/Pool: WILDCAT



DST #1 LKC 'H,I,J' 4,174' - 4,270'

EVENTS TABLE

| Calendar (yyyy/mm/dd hh:mm:ss) | Elapsed time (hours) | Pressure (psig) | Temperature (degF) | Comment |
|-----------------------------------|-------------------------|--------------------|-----------------------|------------------------|
| 2012/05/30 07:05:30 | 2.25833 | 2025.154 | 112.493 | INITIAL HYD. 2,094 |
| 2012/05/30 07:09:00 | 2.31667 | 26.885 | 111.334 | INITIAL FLOW 27 |
| 2012/05/30 07:38:40 | 2.81111 | 238.324 | 119.653 | FINAL INITIAL FLOW 238 |
| 2012/05/30 08:23:30 | 3.55833 | 1171.687 | 118.854 | INITIAL SHUT-IN 1,172 |
| 2012/05/30 08:23:40 | 3.56111 | 228.518 | 118.216 | 2ND INITIAL FLOW 229 |
| 2012/05/30 09:09:00 | 4.31667 | 425.006 | 120.261 | 2ND FINAL FLOW 425 |
| 2012/05/30 10:09:40 | 5.32778 | 1170.856 | 120.195 | FINAL SHUT-IN 1,171 |
| 2012/05/30 10:12:30 | 5.37500 | 2065.834 | 120.118 | FINAL HYD 2,066 |



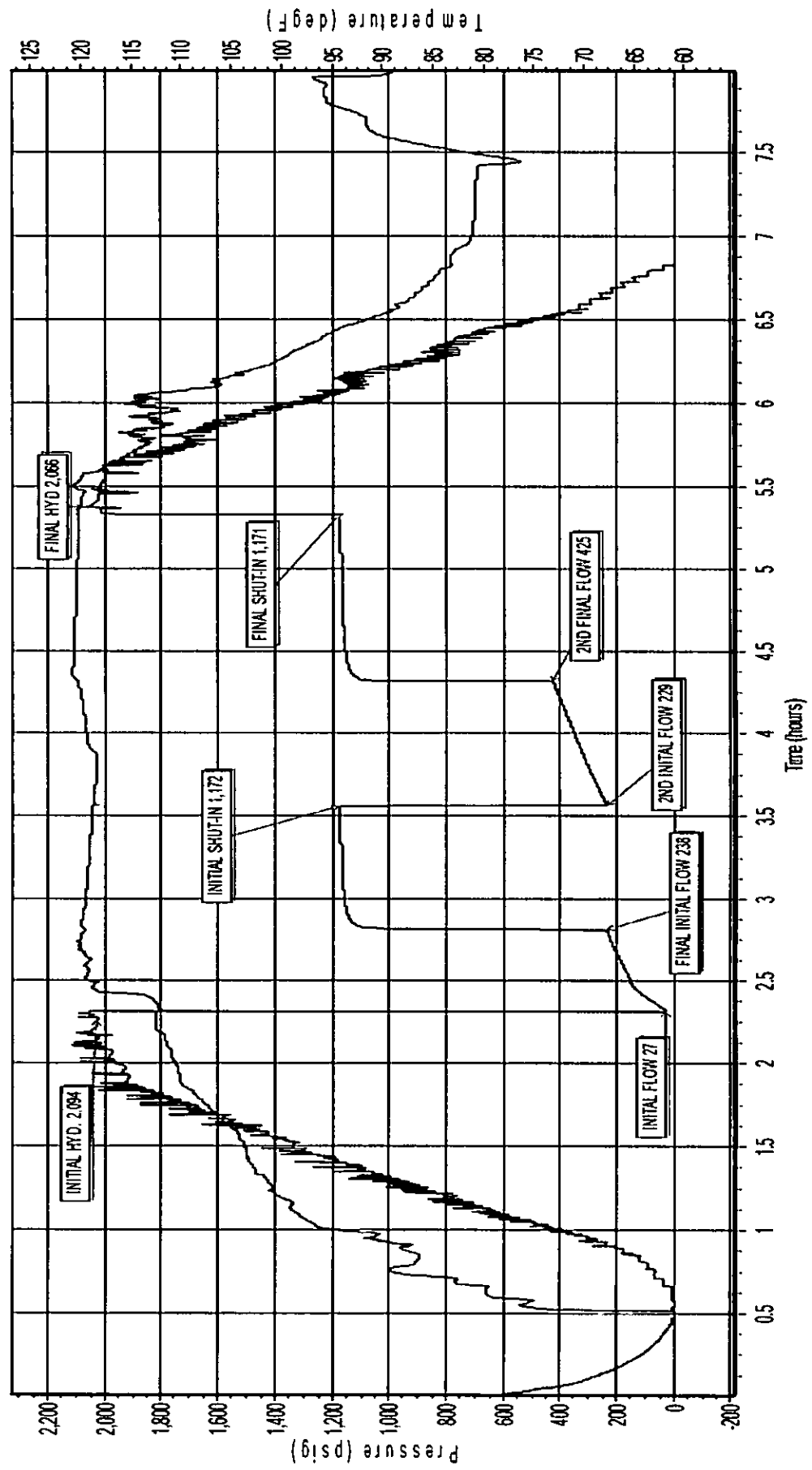
Client: GRAND MESA
 Test Date: 2012/05/30
 Tool Serial #: S0062N

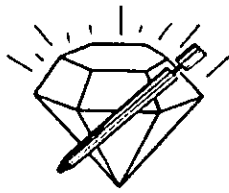
Well Name: CONNER #1-6
 Location: SEC 6-18S-32W
 Field/Pool: WILDCAT

Formation Name:
 Gauge Run Depth [ft KB (TVD)]:
 Test/Prod. Interval Top [ft KB (TVD)]:
 Test/Prod. Interval Base [ft KB (TVD)]:

DST #1 LKC 'H,I,J' 4,174' - 4,270'

DATA PLOT





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: CONNER1-6DST1

TIME ON: 04:50

TIME OFF: 12:49

Company GRAND MESA Lease & Well No. CONNER #1-6
 Contractor MURFIN RIG 22 Charge to GRAND MESA
 Elevation 3,025 KB Formation LKC 'H,I,J,' Effective Pay _____ Ft. Ticket No. _____
 Date 5.30.12 Sec. 6 Twp. 18 S Range 32 W County SCOTT State KANSAS
 Test Approved By JOHN GOLDSMITH Diamond Representative ROGER D. FRIEDLY

Formation Test No. 1 Interval Tested from 4,174 ft. to 4,270 ft. Total Depth 4,270 ft.
 Packer Depth 4,169 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4,174 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4,177 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 4,257 ft. Recorder Number 11033 Cap. 4,175 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type CHEMICAL Viscosity 56 Drill Collar Length 235 ft. I.D. 2 1/4 in.
 Weight 9.1 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 4,400 P.P.M. Drill Pipe Length 3,914 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 5 Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 96 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 63" DP IN ANCHOR Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/2" BLOW INCREASING TO BOTTOM OF BUCKET IN 12 MIN (NObb)
 2nd Open: WEAK SURFACE BLOW INCREASING TO BOTTOM OF BUCKET IN 13 MIN (NObb)

Recovered 85 ft. of DM 100% MUD
 Recovered 255 ft. of WM 12% WTR, 88% MUD
 Recovered 126 ft. of WM 42% WTR, 58% MUD
 Recovered 424 ft. of MW 78% WTR, 22% MUD

| | | |
|---|-----------------------------|---------------|
| Recovered <u>890 ft.</u> of <u>TOTAL FLUID</u> | <u>CHLORIDES 19,000 Ppm</u> | Price Job |
| Recovered _____ ft. of _____ | <u>PH 7.5</u> | Other Charges |
| Remarks: _____ | <u>RW .38 @ 80 deg.</u> | Insurance |
| <u>TOOL SAMPLE: 72% WTR, 28% MUD GOOD FREE OIL ON TOP</u> | | Total |

Time Set Packer(s) 7:09 A.M. A.M. P.M. Time Started Off Bottom 10:09 A.M. A.M. P.M. Maximum Temperature 120
 Initial Hydrostatic Pressure..... (A) 2,094 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 27 P.S.I. to (C) 238 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 1,172 P.S.I.
 Final Flow Period..... Minutes 45 (E) 229 P.S.I. to (F) 425 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 1,171 P.S.I.
 Final Hydrostatic Pressure..... (H) 2,066 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

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

Client: **GRAND MESA OPERATING COMPANY**

Well Name: **CONNER #1-6**

Location: **SEC 6-16S-32W SCOTT CO., KS**

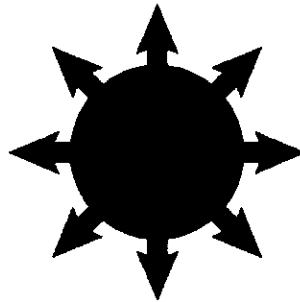
Field/Pool: **WILDCAT**

Formation Name: **LEN, ALT, PAW**

Test/Prod. Interval [ft KB Log]: **4,397 - 4,492**

Test Date: **2012/05/31**

Test/job Number: **2**



JMCO
Instruments

Service Company: **DIAMOND TESTING**

ROGER D. FRIEDLY - TESTER

CELL PHONE 620-793-2043

SUMMARY



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]: | |

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]: | |

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



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

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 |



LEN, ALT, PAW
4,400

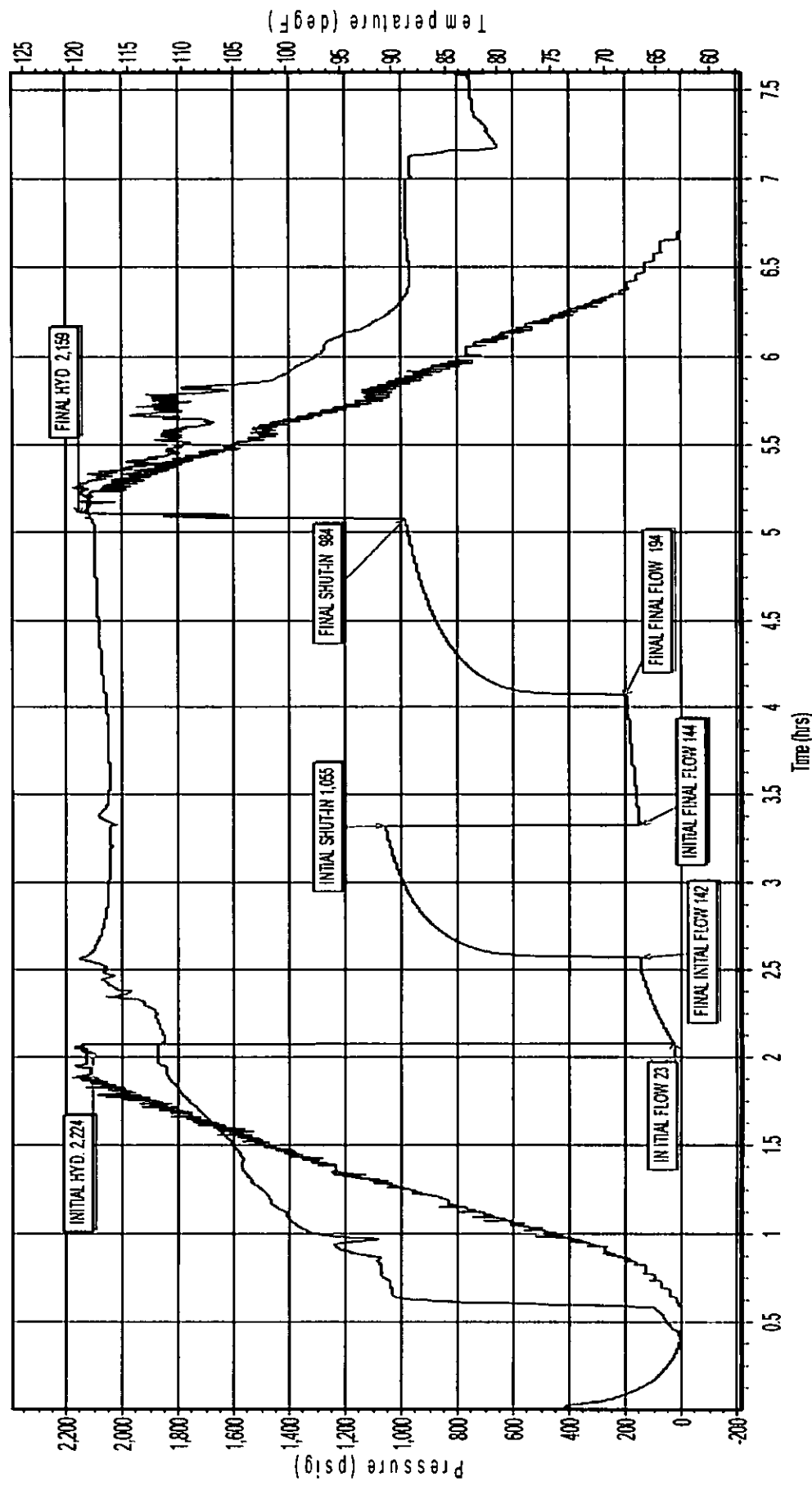
Formation Name:
Gauge Run Depth [ft KB (TVD)]:
Test/Prod. Interval Top [ft KB (TVD)]:
Test/Prod. Interval Base [ft KB (TVD)]:

GRAND MESA OPERATING CO Well Name: CONNER #1-6
Location: SEC 6-16S-32W SCOTT CO., KS
Field/Pool: WILD CAT

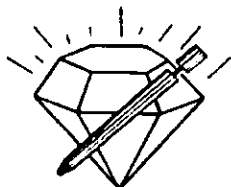
Client: GRAND MESA OPERATING CO Well Name: CONNER #1-6
Test Date: 2012/05/31
Tool Serial #: S0062N

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

DATA PLOT



— Gauge 1 Pressure — Gauge 1 Temperature



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: CONNER1-6DST2

TIME ON: 09:05
TIME OFF: 16:41

Company GRAND MESA OPERATING COMPANY Lease & Well No. CONNER #1-6
Contractor MURFIN RIG 22 Charge to GRAND MESA OPERATING COMPANY
Elevation 3,025' KB Formation LEN., ALT., PAW. Effective Pay _____ Ft. Ticket No. _____
Date 5.31.12 Sec. 6 Twp. 16 S Range 32 W County SCOTT State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative ROGER D. FRIEDLY

Formation Test No. 2 Interval Tested from 4,397 ft. to 4,492 ft. Total Depth 4,492 ft.
Packer Depth 4,392 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4,397 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4,400 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4,489 ft. Recorder Number 11033 Cap. 4,175 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 54 Drill Collar Length 235 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,000 P.P.M. Drill Pipe Length 4,137 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 5 Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 95 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/8" BLOW INCREASING TO GOOD 9 3/4" (NObb)
2nd Open: WEAK SURFACE BLOW INCREASING TO GOOD 11" (WSbb)

Recovered 20 ft. of GAS IN PIPE
Recovered 156 ft. of G&OCM 5% GAS, 16% OIL, 79% MUD
Recovered 235 ft. of G&WCOM 18% GAS, 21% OIL, 10% WTR, 51% MUD
Recovered 391 ft. of TOTAL FLUID CHLORIDES 12,000 Ppm

Recovered _____ ft. of _____ PH 10.0 Price Job _____
Recovered _____ ft. of _____ RW .36 @ 80 deg Other Charges _____

Remarks: _____ Insurance _____
TOOL SAMPLE: 8% GAS 25% OIL, 7% WTR, 60% MUD Total _____

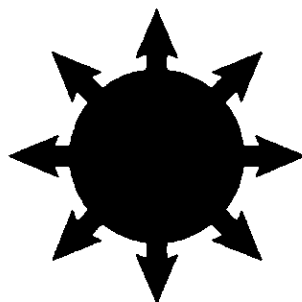
Time Set Packer(s) 11:09 A.M. A.M. P.M. Time Started Off Bottom 2:09 P.M. A.M. P.M. Maximum Temperature 120

Initial Hydrostatic Pressure..... (A) 2,224 P.S.I.
Initial Flow Period..... Minutes 30 (B) 23 P.S.I. to (C) 142 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1,055 P.S.I.
Final Flow Period..... Minutes 45 (E) 144 P.S.I. to (F) 194 P.S.I.
Final Closed In Period..... Minutes 60 (G) 984 P.S.I.
Final Hydrostatic Pressure..... (H) 2,159 P.S.I.

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DST #3 FT SCOTT 4,472' - 4,526'

Client: **GRAND MESA OPERATING COMPANY**
Well Name: **CONNER #1-6**
Location: **SEC 6-16-32**
Field/Pool: **WILDCAT**
Formation Name: **FT SCOTT**
Test/Prod. Interval [ft KB Log]: **4,472 - 4,526**
Test Date: **2012/06/01**
Test/job Number: **3**



JMCO
Instruments

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

SUMMARY



Well Information:

| | | | |
|-----------------|-------------------------|---|----------|
| Client Name: | GRAND MESA OPERATING CO | Packer: | Yes |
| Client Address: | | Tubing in Well: | |
| | | Flow Path: | |
| | | Well Fluid Type at Test Date: | |
| Well Name: | CONNER #1-6 | Well Type: | Vertical |
| Well Location: | SEC 6-16-32 | | |
| 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: | FT SCOTT | Outside Diameter of Production Tubing [in]: | |

Test Information:

| | | | |
|---|---------------------------------|---|---------------------|
| Test Name: | DST #3 FT SCOTT 4,472' - 4,526' | | |
| Test/Job Number: | 3 | Gauge Run Depth [ft KB (TVD)]: | 4,475 |
| Test Purpose: | Initial Test | H2S: | No |
| Test/Prod. Interval Top [ft KB (Log)]: | 4,472 | Test/Prod. Interval Top [ft KB (TVD)]: | |
| Test/Prod. Interval Base [ft KB (Log)]: | 4,526 | Test/Prod. Interval Base [ft KB (TVD)]: | |
| Time/Date Well Shut-In: | 2012/06/01 05:35:00 | Final Test Date/Time: | 2012/06/01 03:35:00 |
| Initial Tubing Pressure [psig]: | | Initial Casing Pressure [psig]: | |
| Final Tubing Pressure [psig]: | | Final Casing Pressure [psig]: | |
| Final Flowing WH Pressure [psig]: | | Surface Temperature [degF]: | 55 |

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: | 2012/06/01 03:35:00 | Date/Time Gauge Off Bottom: | 2012/06/01 05:35:00 |

Client: GRAND MESA OPERATING COMPANY Well Name: CONNER #1-6
Test Date: 2012/06/01 Location: SEC 6-16-32
Tool Serial #: S0062N Field/Pool: WILDCAT



DST #3 FT SCOTT 4,472' - 4,526'

EVENTS TABLE

| Calendar (yyyy/mm/dd hh:mm:ss) | Elapsed time (hours) | Pressure (psig) | Temperature (degF) | Comment |
|-----------------------------------|-------------------------|--------------------|-----------------------|-----------------------|
| 2012/06/01 03:34:00 | 2.10000 | 2139.076 | 109.823 | INITIAL HYD. 2,139 |
| 2012/06/01 03:35:10 | 2.11944 | 16.674 | 108.814 | INITIAL FLOW 17 |
| 2012/06/01 04:05:20 | 2.62222 | 30.146 | 109.841 | INITIAL FINAL FLOW 30 |
| 2012/06/01 04:34:50 | 3.11389 | 913.030 | 111.272 | INITIAL SHUT-IN 913 |
| 2012/06/01 04:35:10 | 3.11944 | 32.113 | 111.036 | FINAL FLOW 32 |
| 2012/06/01 05:05:00 | 3.61667 | 41.700 | 112.067 | FINAL FINAL FLOW 42 |
| 2012/06/01 05:35:30 | 4.12500 | 782.584 | 113.306 | FINAL SHUT-IN 783 |
| 2012/06/01 05:38:30 | 4.17500 | 2127.996 | 114.757 | FINAL HYD. 2,128 |

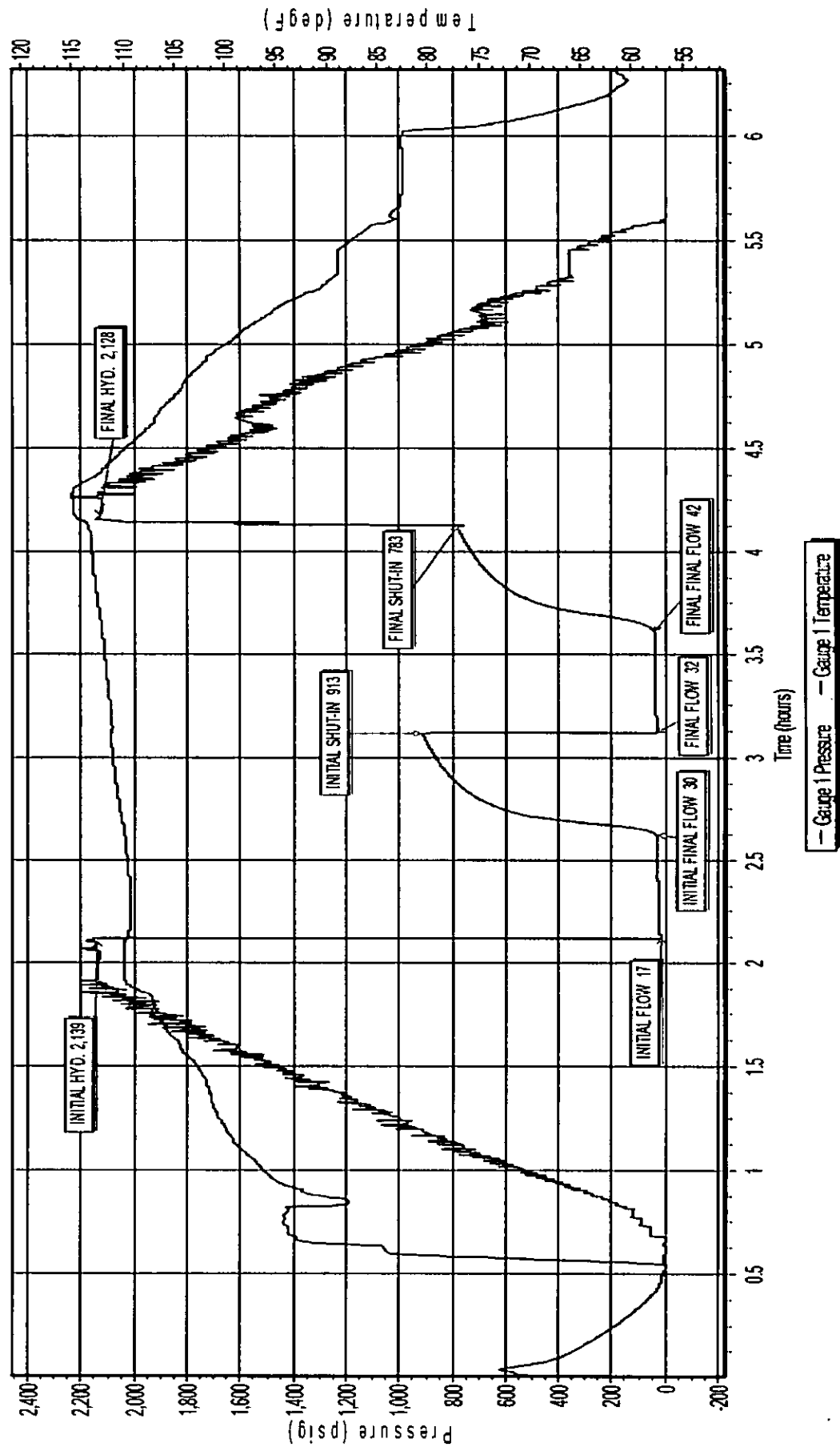


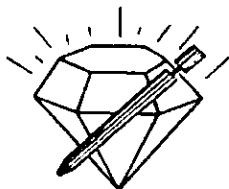
Client: GRAND MESA OPERATING CO Well Name: CONNER #1-6
 Test Date: 2012/06/01 Location: SEC 6-16-32
 Tool Serial #: S0062N Field/Pool: WILDCAT

Formation Name: FT SCOTT
 Gauge Run Depth [ft KB (TVD)]: 4,475
 Test/Prod. Interval Top [ft KB (TVD)]:
 Test/Prod. Interval Base [ft KB (TVD)]:

DST #3 FT SCOTT 4,472' - 4,526'

DATA PLOT





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: CONNER1-6DST3

TIME ON: 01:28
TIME OFF: 07:46

Company GRAND MESA OPERATING COMPANY Lease & Well No. CONNER #1-6
Contractor MURFIN RIG 22 Charge to GRAND MESA OPERATING COMPANY
Elevation 3,025' KB Formation FT SCOTT Effective Pay _____ Ft. Ticket No. _____
Date 6.1.12 Sec. 6 Twp. 16 S Range 32 W County SCOTT State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative ROGER D. FRIEDLY

Formation Test No. 3 Interval Tested from 4,472 ft. to 4,526 ft. Total Depth 4,526 ft.
Packer Depth 4,467 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4,472 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4,475 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4,523 ft. Recorder Number 11033 Cap. 4,175 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 54 Drill Collar Length 235 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,000 P.P.M. Drill Pipe Length 4,212 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 5 Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 54 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/8" BLOW INCREASING TO GOOD 1 1/2" (NObb)
2nd Open: WEAK SURFACE BLOW AFTER 12 MIN INCREASING TO 1/8" (NObb)

Recovered 30 ft. of DM 100% MUD FEW OIL SPECKS
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

| | |
|---|---------------|
| Recovered _____ ft. of _____ | Price Job |
| Recovered _____ ft. of _____ | Other Charges |
| Remarks: _____ | Insurance |
| TOOL SAMPLE: 100% DM GOOD OIL SPECKS | Total |

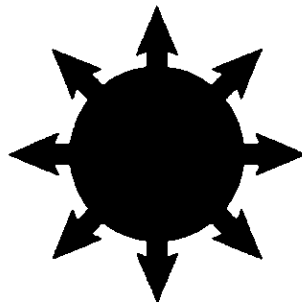
Time Set Packer(s) 3:35 A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 5:35 A.M. ^{A.M.}/_{P.M.} Maximum Temperature 115

Initial Hydrostatic Pressure..... (A) 2,139 P.S.I.
Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 30 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 913 P.S.I.
Final Flow Period..... Minutes 30 (E) 32 P.S.I. to (F) 42 P.S.I.
Final Closed In Period..... Minutes 30 (G) 783 P.S.I.
Final Hydrostatic Pressure..... (H) 2,128 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.

DST #4 JOHNSON 4,578' - 4,628'

Client: **GRAND MEAS OPERATING COMPANY**
Well Name: **CONNER #1-6**
Location: **SEC 6-16S-32W SCOTT CO., KC**
Field/Pool: **WILDCAT**
Formation Name: **JOHNSON**
Test/Prod. Interval [ft KB Log]: **4,578 - 4,628**
Test Date: **2012/06/01 - 2012/06/02**
Test/job Number: **4**



JMCO
Instruments

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

SUMMARY



Well Information:

| | | | |
|-----------------|-----------------------------|---|----------|
| Client Name: | GRAND MEAS OPERATING CO | Packer: | |
| Client Address: | | 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., KC | | |
| 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: | JOHNSON | Outside Diameter of Production Tubing [in]: | |

Test Information:

| | | | |
|---|--------------------------------|---|---------------------|
| Test Name: | DST #4 JOHNSON 4,578' - 4,628' | | |
| Test/job Number: | 4 | Gauge Run Depth [ft KB (TVD)]: | 4,581 |
| Test Purpose: | Initial Test | H2S: | No |
| Test/Prod. Interval Top [ft KB (Log)]: | 4,578 | Test/Prod. Interval Top [ft KB (TVD)]: | |
| Test/Prod. Interval Base [ft KB (Log)]: | 4,628 | Test/Prod. Interval Base [ft KB (TVD)]: | |
| Time/Date Well Shut-In: | 2012/06/02 02:08:00 | Final Test Date/Time: | 2012/06/02 04:14:00 |
| Initial Tubing Pressure [psig]: | | Initial Casing Pressure [psig]: | |
| Final Tubing Pressure [psig]: | | Final Casing Pressure [psig]: | |
| Final Flowing WH Pressure [psig]: | | Surface Temperature [degF]: | |

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: | 2012/06/02 00:08:00 | Date/Time Gauge Off Bottom: | 2012/06/02 02:08:00 |

Client: GRAND MEAS OPERATING COMPANY
Test Date: 2012/06/01 - 2012/06/02
Tool Serial #: S0062N

Well Name: CONNER #1-6
Location: SEC 6-16S-32W SCOTT CO., KC
Field/Pool: WILDCAT



DST #4 JOHNSON 4,578' - 4,628'

EVENTS TABLE

| Calendar (yyyy/mm/dd hh:mm:ss) | Elapsed time (hours) | Pressure (psig) | Temperature (degF) | Comment |
|-----------------------------------|-------------------------|--------------------|-----------------------|-----------------------|
| 2012/06/02 00:04:30 | 2.44167 | 2143.076 | 112.841 | INITIAL HYD 2,143 |
| 2012/06/02 00:08:20 | 2.50556 | 15.505 | 111.603 | INITIAL FLOW 16 |
| 2012/06/02 00:38:20 | 3.00556 | 15.985 | 113.611 | INITIAL FINAL FLOW 16 |
| 2012/06/02 01:07:40 | 3.49444 | 25.869 | 115.097 | INITIAL SHUT IN 26 |
| 2012/06/02 01:07:50 | 3.49722 | 16.624 | 115.102 | FINAL FLOW 17 |
| 2012/06/02 01:38:00 | 4.00000 | 16.091 | 116.291 | FINAL FINAL FLOW 16 |
| 2012/06/02 02:08:30 | 4.50833 | 21.942 | 117.267 | FINAL SHUT IN 22 |
| 2012/06/02 02:12:00 | 4.56667 | 2138.577 | 117.706 | FINAL HYD. 2,139 |



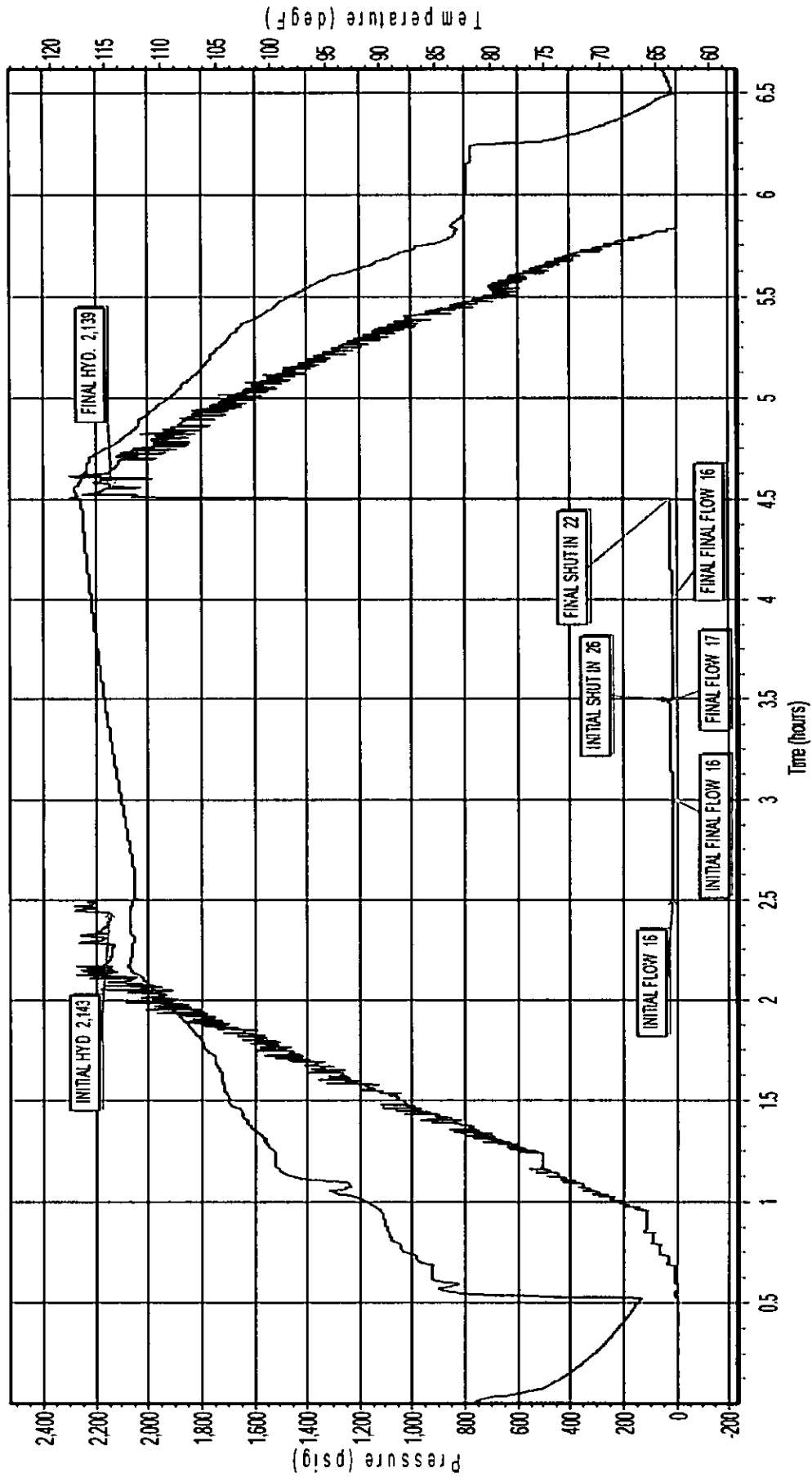
JOHNSON
4,581

Formation Name:
Gauge Run Depth [ft KB (TVD)]:
Test/Prod. Interval Top [ft KB (TVD)]:
Test/Prod. Interval Base [ft KB (TVD)]:

GRAND MEAS OPERATING CO Well Name: CONNER #1-6
Location: SEC 6-16S-32W SCOTT CO., KC
Field/Pool: WILDCAT

Client: GRAND MEAS OPERATING CO Well Name: CONNER #1-6
Test Date: 2012/06/01 - 2012/06/02
Tool Serial #: S0062N
DST #4 JOHNSON 4,578' - 4,628'

DATA PLOT



— Gauge 1 Pressure — Gauge 1 Temperature



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: CONNER1-6DST4

TIME ON: 21:38 (6.1)
TIME OFF: 04:14(6.2)

Company GRAND MESA OPERATING COMPANY Lease & Well No. CONNER #1-6
Contractor MURFIN RIG 22 Charge to GRAND MESA OPERATING COMPANY
Elevation 3,025' KB Formation JOHNSON Effective Pay _____ Ft. Ticket No. _____
Date 6.2.12 Sec. 6 Twp. _____ 16 S Range _____ 32 W County SCOTT State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative ROGER D. FRIEDLY

Formation Test No. 4 Interval Tested from 4,578 ft. to 4,628 ft. Total Depth 4,628 ft.
Packer Depth 4,573 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4,578 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4,581 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4,625 ft. Recorder Number 11033 Cap. 4,175 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 54 Drill Collar Length 235 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,500 P.P.M. Drill Pipe Length 4,318 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 5 Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 50 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK SURFACE BLOW DIED IN 19 MIN (NObb)
2nd Open: NO BLOW (NObb)

Recovered 3 ft. of DM 100% MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

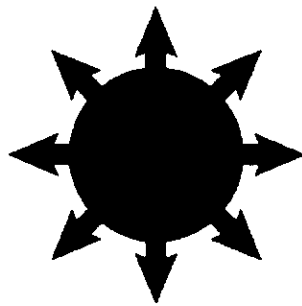
| | |
|------------------------------|---------------|
| Recovered _____ ft. of _____ | Price Job |
| Recovered _____ ft. of _____ | Other Charges |
| Remarks: _____ | Insurance |
| TOOL SAMPLE: 100% DM | Total |

Time Set Packer(s) 12:08 A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 2:08 A.M. ^{A.M.}/_{P.M.} Maximum Temperature 117
Initial Hydrostatic Pressure..... (A) 2,143 P.S.I.
Initial Flow Period..... Minutes 30 (B) 16 P.S.I. to (C) 16 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 26 P.S.I.
Final Flow Period..... Minutes 30 (E) 17 P.S.I. to (F) 16 P.S.I.
Final Closed In Period..... Minutes 30 (G) 22 P.S.I.
Final Hydrostatic Pressure..... (H) 2,139 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.

DST #5 ATOKA 4,610' - 4,664

Client: **GRAND MESA OPERATING COMPANY**
Well Name: **CONNER #1-6**
Location: **SEC 6-16S-32W SCOTT CO., KS**
Field/Pool: **WILDCAT**
Formation Name: **ATOKA**
Test/Prod. Interval [ft KB Log]: **4,610 - 4,664**
Test Date: **2012/06/02**
Test/job Number: **NO. 5**



JMCO
Instruments

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

SUMMARY



Well Information:

| | | | |
|-----------------|-----------------------------|---|----------|
| Client Name: | GRAND MESA OPERATING CO | Packer: | |
| Client Address: | | 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: | ATOKA | Outside Diameter of Production Tubing [in]: | |

Test Information:

| | | | |
|---|-----------------------------|---|---------------------|
| Test Name: | DST #5 ATOKA 4,610' - 4,664 | Gauge Run Depth [ft KB (TVD)]: | |
| Test/job Number: | NO. 5 | H2S: | |
| Test Purpose: | Initial Test | Test/Prod. Interval Top [ft KB (TVD)]: | |
| Test/Prod. Interval Top [ft KB (Log)]: | 4,610 | Test/Prod. Interval Base [ft KB (TVD)]: | |
| Test/Prod. Interval Base [ft KB (Log)]: | 4,664 | Final Test Date/Time: | 2012/06/02 17:08:00 |
| Time/Date Well Shut-In: | 2012/06/02 19:08:00 | Initial Casing Pressure [psig]: | |
| Initial Tubing Pressure [psig]: | | Final Casing Pressure [psig]: | |
| Final Tubing Pressure [psig]: | | Surface Temperature [degF]: | 75 |
| Final Flowing WH Pressure [psig]: | | | |

Gauge Information:

| | | | |
|--------------------------------|---------------------|-----------------------------|---------------------|
| Gauge Serial Number: | S0062N | Date Of Last Calibration: | 2011/09/06 |
| Maximum Recorder Range [psig]: | 5986 | Accuracy [% Of Full-Scale]: | 0.03 |
| Resolution [% Of Full-Scale]: | 0.0003 | Date/Time Gauge Off Bottom: | 2012/06/02 19:08:00 |
| Date/Time Gauge On Bottom: | 2012/06/02 17:08:00 | | |

Client: GRAND MESA OPERATING COMPANY Well Name: CONNER #1-6
 Test Date: 2012/06/02 Location: SEC 6-16S-32W SCOTT CO., KS
 Tool Serial #: S0062N Field/Pool: WILDCAT



DST #5 ATOKA 4,610' - 4,664

EVENTS TABLE

| Calendar (yyyy/mm/dd hh:mm:ss) | Elapsed time (hours) | Pressure (psig) | Temperature (degF) | Comment |
|-----------------------------------|-------------------------|--------------------|-----------------------|-----------------------|
| 2012/06/02 17:05:00 | 2.50000 | 2120.313 | 112.506 | INITAL HYD. 2,120 |
| 2012/06/02 17:08:20 | 2.55556 | 18.535 | 112.346 | INITAL FLOW 19 |
| 2012/06/02 17:38:10 | 3.05278 | 19.806 | 113.284 | IN ITAL FINAL FLOW 20 |
| 2012/06/02 18:07:30 | 3.54167 | 49.949 | 114.575 | INITIAL SHUT IN 50 |
| 2012/06/02 18:07:40 | 3.54444 | 21.772 | 114.562 | FINAL FLOW 22 |
| 2012/06/02 18:38:00 | 4.05000 | 21.633 | 115.574 | FINAL FINAL FLOW 22 |
| 2012/06/02 19:08:50 | 4.56389 | 33.548 | 116.456 | FINAL SHUT IN 34 |
| 2012/06/02 19:12:50 | 4.63056 | 2110.739 | 116.567 | FINAL HYD. 2,111 |

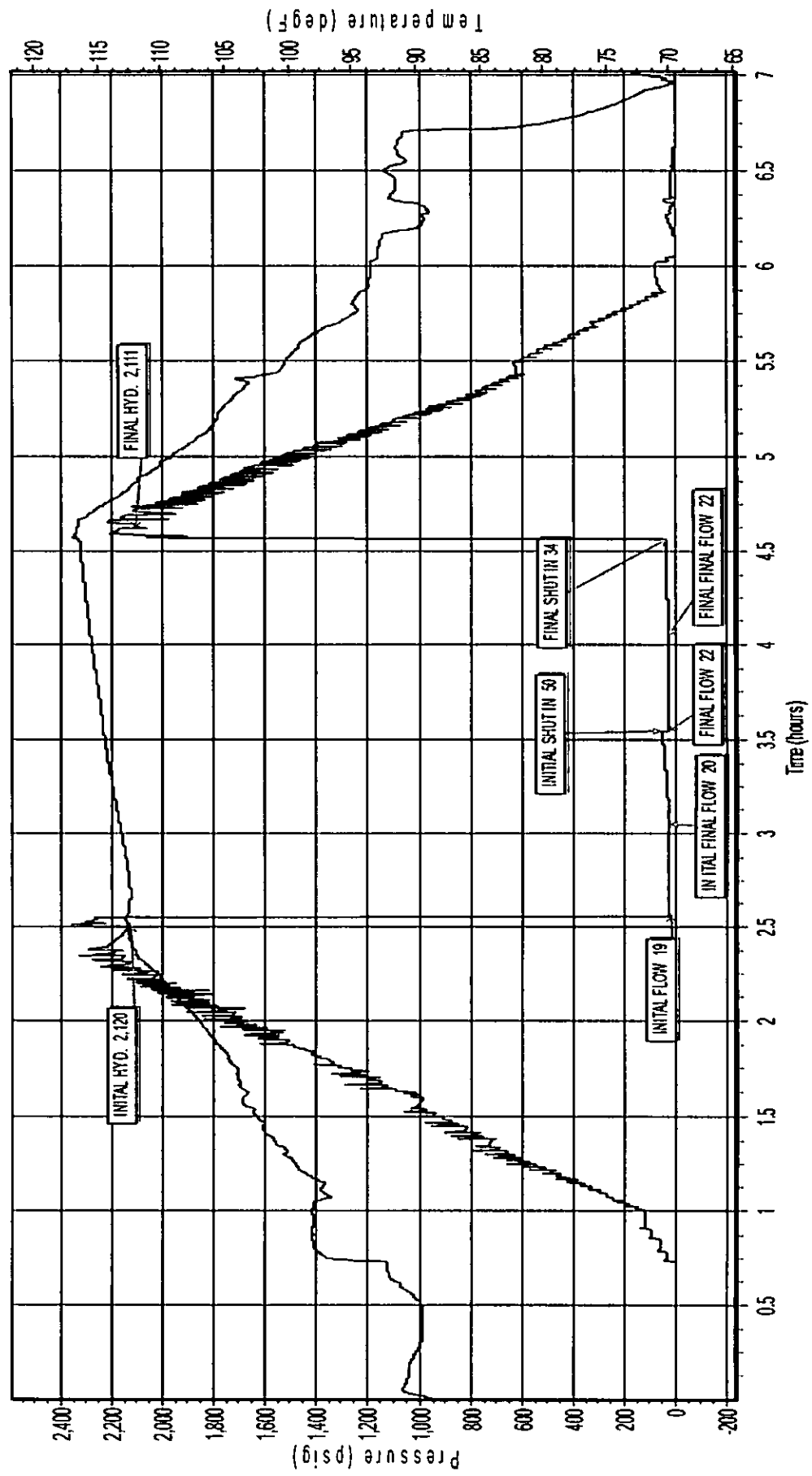


Formation Name: ATOKA
 Gauge Run Depth [ft KB (TVD)]:
 Test/Prod. Interval Top [ft KB (TVD)]:
 Test/Prod. Interval Base [ft KB (TVD)]:

Client: GRAND MESA OPERATING CO Well Name: CONNER #1-6
 Test Date: 2012/06/02 Location: SEC 6-16S-32W SCOTT CO., KS
 Tool Serial #: S0062N Field/Pool: WILDCAT

DST #5 ATOKA 4,610' - 4,664

DATA PLOT



— Gauge 1 Pressure — Gauge 1 Temperature



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: CONNER1-6DST5

TIME ON: 14:35
TIME OFF: 21:35

Company GRAND MESA OPERATING COMPANY Lease & Well No. CONNER #1-6
Contractor MURFIN RIG 22 Charge to GRAND MESA OPERATING COMPANY
Elevation 3,025' KB Formation ATOKA Effective Pay _____ Ft. Ticket No. _____
Date 6.2.12 Sec. 6 Twp. 16 S Range 32 W County SCOTT State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative ROGER D. FRIEDLY

Formation Test No. 5 Interval Tested from 4,610 ft. to 4,664 ft. Total Depth 4,664 ft.
Packer Depth 4,605 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4,610 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4,613 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4,661 ft. Recorder Number 11033 Cap. 4,175 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 59 Drill Collar Length 235 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 8,400 p.p.m. Drill Pipe Length 4,350 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 5 Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 54 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK SURFACE BLOW DIED IN 15 MIN (NObb)
2nd Open: NO BLOW (NObb)

Recovered 3 ft. of DM 100% MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

| | |
|------------------------------|---------------|
| Recovered _____ ft. of _____ | Price Job |
| Recovered _____ ft. of _____ | Other Charges |
| Remarks: _____ | Insurance |
| TOOL SAMPLE: 100% DM | Total |

Time Set Packer(s) 5:08 P.M. A.M. P.M. Time Started Off Bottom 7:08 P.M. A.M. P.M. Maximum Temperature 117

Initial Hydrostatic Pressure..... (A) 2,120 P.S.I.
Initial Flow Period..... Minutes 30 (B) 19 P.S.I. to (C) 20 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 50 P.S.I.
Final Flow Period..... Minutes 30 (E) 22 P.S.I. to (F) 22 P.S.I.
Final Closed In Period..... Minutes 30 (G) 34 P.S.I.
Final Hydrostatic Pressure..... (H) 2,111 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

