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FEB 06 2012

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

KCC WICHITA

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30380

Name: Hupfer Operating, Inc.

Address 1: P.O. Box 3912

Address 2:

City: Shawnee State: KS Zip: 66203 + 0912

Contact Person: Dennis D. Hupfer

Phone: (913) 400-3777

CONTRACTOR: License # 31548

Name: Discovery Drilling Co., Inc.

Wellsite Geologist: James Musgrove

Purchaser:

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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 #:

11/18/2011	11/23/2011	11/24/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 009-25,626-00-00

Spot Description:

NE SW SE Sec. 17 Twp. 17 S. R. 14 East West

1,185 Feet from North / South Line of Section

1,685 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Barton

Lease Name: Morgenstern "C" Well #: 1

Field Name: Carroll

Producing Formation: LKC

Elevation: Ground: 1923 Kelly Bushing: 1931

Total Depth: 3440 Plug Back Total Depth: 3320

Amount of Surface Pipe Set and Cemented at: 908 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: 18,000 ppm Fluid volume: 320 bbls

Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite:

Operator Name:

Lease Name: License #:

Quarter Sec. Twp. S. R. East West

County: Permit #:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: *Dennis D. Hupfer*

Dennis D. Hupfer

Title: President Date: 2-2-12

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: *dlg* Date: 2/7/12

Operator Name: Hupfer Operating, Inc. Lease Name: Morgenstern "C" Well #: 1
 Sec. 17 Twp. 17 S. R-14 East West County: Barton

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: <u>Sonic, RAG & Cement Bond</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td style="text-align: center;">901</td> <td style="text-align: center;">+1030</td> </tr> <tr> <td>Heebner</td> <td style="text-align: center;">3095</td> <td style="text-align: center;">-1164</td> </tr> <tr> <td>Toronto</td> <td style="text-align: center;">3108</td> <td style="text-align: center;">±1177</td> </tr> <tr> <td>Douglas</td> <td style="text-align: center;">3121</td> <td style="text-align: center;">-1190</td> </tr> <tr> <td>Brown Lime</td> <td style="text-align: center;">3161</td> <td style="text-align: center;">-1230</td> </tr> <tr> <td>Lansing</td> <td style="text-align: center;">3172</td> <td style="text-align: center;">-1241</td> </tr> <tr> <td>Base K.C.</td> <td style="text-align: center;">3385</td> <td style="text-align: center;">-1454</td> </tr> <tr> <td>Conglomerate</td> <td style="text-align: center;">3391</td> <td style="text-align: center;">-1460</td> </tr> <tr> <td>Arbuckle</td> <td style="text-align: center;">3432</td> <td style="text-align: center;">-1508</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	901	+1030	Heebner	3095	-1164	Toronto	3108	±1177	Douglas	3121	-1190	Brown Lime	3161	-1230	Lansing	3172	-1241	Base K.C.	3385	-1454	Conglomerate	3391	-1460	Arbuckle	3432	-1508
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used RTD <u>3486</u> -1505 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 Pipe	12 1/4	8 5/8	24	908	Common	350	2%Gel&3%CC
Production String	7 7/8	5 1/2	14	3435	Common	150	10%Salt-5%Gilsonite

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 (Amount and Kind of Material Used)	Depth
4	Lansing: 3365 to 3368 & 3348 to 3354.	1500 gals. MCA	3365 to 3368 3348 to 3354
	Bridge plug		3410
	Bridge plug		3320.
4	Lansing 3174 to 3178 & 3184 to 3194.	2500 gals. NE	3174 to 3178 3184 to 3194

TUBING RECORD: Size: <u>2-7/8</u> Set At: <u>3300</u> Packer At: _____ Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR: <u>1-10-12</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours: Oil <u>30</u> Bbls. Gas TSTM _____ Mcf Water _____ Bbls. Gas-Oil Ratio _____ Gravity <u>41</u>	

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3174 to 3178 LKC</u> <u>3184 to 3194 LKC</u>
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Morgenstern C-1

API-15-009-25626-00-00

SE/4 Sec 17-17-14W, Barton Co.

DST #1 - Lansing - 3169 to 3203 - 30-45-30-60. Recovered 2600' GWP, 175 GMCO, ISIP 440, FSIP 442, IFP 17-39, FFP 44-72.

DST #2 - Lansing - 3305 to 3370 - 30-45-30-60. Recovered 450 GIP, 130' GOCM. ISIP 139, FSIP 132, IFP 17-46, FFP 54-69.

DST #3 - Arbuckle - 3382 to 3440 - 30-30-45-45. Recovered 25' SOCM. ISIP 1072, FSIP 1080, IFP 11-16, FFP 17-21.

Completion: Drilled out packer shoe and clean to T.D. of 3436'. Acidized Arbuckle with 400 gals. mud acid. Hole full of water. No show. Bridge plug @ ~~33~~40.

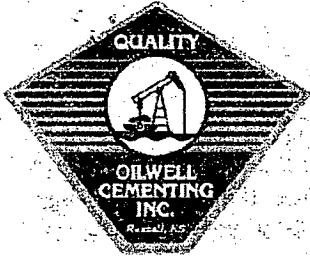
Lansing - 3365' to 3368', 3348' to 3354'. Acidized w/ 1200 gals. mud acid. Swab load. Production non-commercial. Bridge plug @ 3320'.

Lansing - 3174' to 3178' & 3184' to 3194'. Acidized w/ 2500 gals. 15% NE. Swab 15 BFPH @ 70% oil. Run tubing & rods.

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KCC WICHITA



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 11/26/2011
 Invoice # 177

P.O.#:
 Due Date: 12/26/2011
 Division: Russell

Invoice

Contact:
 Hupfer Operating Inc
Address/Job Location:
 Hupfer Operating Inc
 P.O. Box 3912
 Shawnee, KS 66203-0912

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KCC WICHITA

Reference:
 MORGENSTERN C-1

Description of Work:
 PROD LONG STRING

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,294.72	No	Bulk Truck Mileage-Job to Nearest Bulk Plant	25	\$165.61	No
Common-Class A	180	\$ 2,490.99	Yes				
Gilsonite	900	\$ 1,531.34	Yes				
erial Rubber Cementing Shoe Packer Type, 5 1/2"	1	\$ 1,508.66	Yes				
Bulk Truck Matl-Material Service Charge	205	\$ 465.07	No				
Mud Clear	500	\$ 419.70	Yes				
5 1/2" Turbolizer	6	\$ 394.75	Yes				
Pump Truck Mileage-Job to Nearest Camp	25	\$ 283.01	No				
5 1/2" Basket	1	\$ 260.90	Yes				
Latch Down Plug & Baffle, 5 1/2"	1	\$ 254.09	Yes				
Salt (Fine)	16	\$ 253.36	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 9,322.21

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,398.33)

SubTotal for Taxable Items: \$ 6,046.71

SubTotal for Non-Taxable Items: \$ 1,877.16

Total: \$ 7,923.87

Tax: \$ 441.41

7.30% Barton County Sales Tax

Amount Due: \$ 8,365.28

Applied Payments:

Balance Due: \$ 8,365.28

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

85-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 177

5-324-1041

Lease	Sec.	Twp.	Range	County	State	On Location	Finish
11-24-11	17	17	14	Barton	Ks		8:45 PM

Well No. C-1 Location 281 + 4 Jct, 2nd to 140 Rd

Contractor Discovery #2 Owner J & W Nks

Type Job ~~Probe~~ Production To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size 7 7/8" T.D. 3440' Charge To Hupfies ~~Operating~~ Inc

Csg. ~~new~~ 5 1/2" 14.00# Depth 3443.31' Street

Tbg. Size Depth Street City State

Tool Depth City State

Cement Left in Csg. 42.13 Shoe Joint 42.13' The above was done to satisfaction and supervision of owner agent or contractor.

Meas Line Displace 83 BLS Cement Amount Ordered 180 sx Common 10% Salt

5% Gilsomite, 500 gal Mud Clear 48

EQUIPMENT

Pumptrk	No.	Cement Helper	Cisco
Bulktrk	No.	Driver	Doug
Bulktrk	No.	Driver	Rick

Common	
Poz. Mix	
Gel.	

JOB SERVICES & REMARKS

Remarks:
Rat Hole 30 SX
Mouse Hole 15 SX NO mousehole
Centralizers 1, 3, 4, 5, 7, 9
Baskets 10
D/V or Port Collar:

Calcium
Hulls
Salt 16
Flowseal
Kol-Seal 900H
Mud CLR 48 500 gal
CFL-117 or CD110 CAF 88

pipe on bottom, break circulation for 10 min then drop ball and set packer shoe w/1000# break circulation.

Sand
Handling 25
Mileage

FLOAT EQUIPMENT

pump 500 gal mud clear 48 plug Rathok w/30 sx, plug mousehole w/80 Hook to 5 1/2" + mix 150 sx Common 10% Salt, 5% Gilsomite, shut down, Re-ash pump & lines, Released plug & Displaced with 83 BLS Land plug to 1100H Lift pressure to 700 # Released & held.

Guide Shoe
Centralizer 6 turbo's
Baskets 1
AFU Inserts
Float Shoe
Latch Down 1
1-Packer shoe
Pumptrk Charge good long string
Mileage 25

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X Signature: [Handwritten Signature]

Tax	
Discount	
Total Charge	



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 11/22/2011
 Invoice # 6
 P.O.#:
 Due Date: 12/22/2011
 Division: Russell

Invoice

Contact:
 Hupfer Operating Inc
Address/Job Location:
 Hupfer Operating Inc
 P.O. Box 3912
 Shawnee, KS 66203-0912

Reference:
 MORGENSTERN C-1

Description of Work:
 LONG SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 963.85	No				
Common-Class A	350	\$ 4,507.22	Yes				
Bulk Truck Matl-Material Service Charge	370	\$ 781.11	No				
Calcium Chloride	13	\$ 516.78	Yes				
Pump Truck Mileage-Job to Nearest Camp	25	\$ 263.36	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	25	\$ 154.11	No				
Premium Gel (Bentonite)	7	\$ 120.29	Yes				
8 5/8" Top Rubber Plug	1	\$ 111.89	Yes				
Baffle Plate Aluminum, 8 5/8"	1	\$ 95.00	Yes				

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Invoice Terms:
 Net 30

SubTotal: \$ 7,513.61
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (1,127.04)

SubTotal for Taxable Items: \$ 4,548.50
 SubTotal for Non-Taxable Items: \$ 1,838.07
 Total: \$ 6,386.57
 Tax: \$ 332.04

7.30% Barton County Sales Tax

Thank You For Your Business!

Amount Due: \$ 6,718.61
 Applied Payments:
 Balance Due: \$ 6,718.61

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 006

Date <i>11-19-11</i>	Sec.	Twp.	Range	County <i>Barton</i>	State <i>Ks</i>	On Location	Finish <i>12:15 PM</i>
Lease <i>Morgenstern</i>	Well No. <i>C-1</i>	Location <i>Galatia Susank Rd 4 281 5 S 2 1/2 W 1/2 S</i>					
Contractor <i>Discovery Drilling 2</i>	Owner			To Quality Oilwell Cementing, Inc.			
Type Job <i>Long Surface</i>	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Hole Size <i>12 1/2</i>	T.D. <i>908</i>	Charge To <i>Huffer & Operating</i>					
Csg. <i>8 5/8</i>	Depth <i>908</i>	Street					
Tbg. Size	Depth	City					
Tool	Depth	State					
Cement Left in Csg.	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.					
Meas Line <i>244</i>	Displace <i>869 55 1/2</i>	Cement Amount Ordered <i>350 ccm 342</i>					

EQUIPMENT

Pumptrk <i>9</i>	No.	Cementer <i>Dave</i>	Common <i>350</i>
		Helper	
Bulktrk <i>12</i>	No.	Driver <i>Cory</i>	Poz. Mix
		Driver	
Bulktrk	No.	Driver	Gel. <i>7</i>
		Driver	

JOB SERVICES & REMARKS

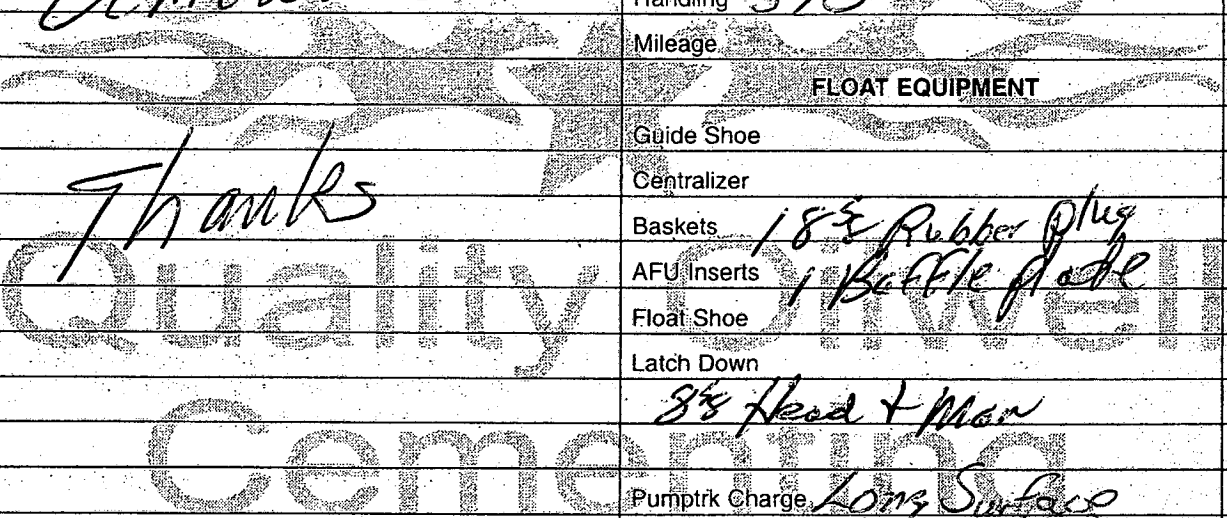
Remarks:	Calcium <i>13</i>
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand
	Handling <i>370</i>
	Mileage

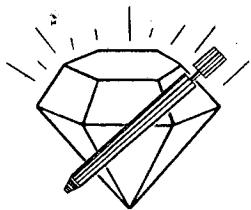
FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets <i>18 1/2 Rubber Plug</i>	
AFU Inserts <i>1 Baffle Plate</i>	
Float Shoe	
Latch Down	
	<i>8 1/2 Head & Man</i>
Pumptrk Charge <i>Long Surface</i>	
Mileage <i>25</i>	

Signature <i>Jimmy Wichita</i>	Tax
	Discount
	Total Charge

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DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 1140
 TIME OFF: 1835

DRILL-STEM TEST TICKET
 FILE: MORGANSTERN CDST1

Company Huffer Operating Lease & Well No. Morganstern C# 1
 Contractor Discovery Rig 2 Charge to Huffer Operating
 Elevation 1923 GL Formation L/KC A+B Effective Pay _____ Ft. Ticket No. M245
 Date 11/22/11 Sec. 17 Twp. 17 S Range 14 W County Barton State KANSAS
 Test Approved By [Signature] Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3169 ft. to 3203 ft. Total Depth 3203 ft.
 Packer Depth 3164 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3169 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 3158 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 3200 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 8.7 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 800 P.P.M. Drill Pipe Length 3144 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? No Reversed Out NO Anchor Length 34 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: GSR BoB 2 min (No RR)
 2nd Open: GSR BoB 1 1/2 min (Weak 1/4" RR)

Recovered 175 ft. of GMCO W/ A TRACE OF WTR 14% Gas, 66% oil, 15% WTR, 5% Mud

Recovered 175 ft. of TOTAL FLUID

Recovered _____ ft. of 2600' GIP

Recovered _____ ft. of Gravity: 41.6 @ 60°

Recovered _____ ft. of Chlor: 35,000 ppm

Recovered _____ ft. of RW: .28 @ 50°

Remarks: PH: 7.5

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 Thank You
 Price Job
 Other Charges
 Insurance
 Total

Tool/ Sample: 100% Oil

Time Set Packer(s) 1:30 ^{A.M.} (P.M.) Time Started Off Bottom 4:15 ^{A.M.} (P.M.) Maximum Temperature 100

Initial Hydrostatic Pressure..... (A) 1504 P.S.I.

Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 39 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 440 P.S.I.

Final Flow Period..... Minutes 45 (E) 44 P.S.I. to (F) 72 P.S.I.

Final Closed In Period..... Minutes 60 (G) 442 P.S.I.

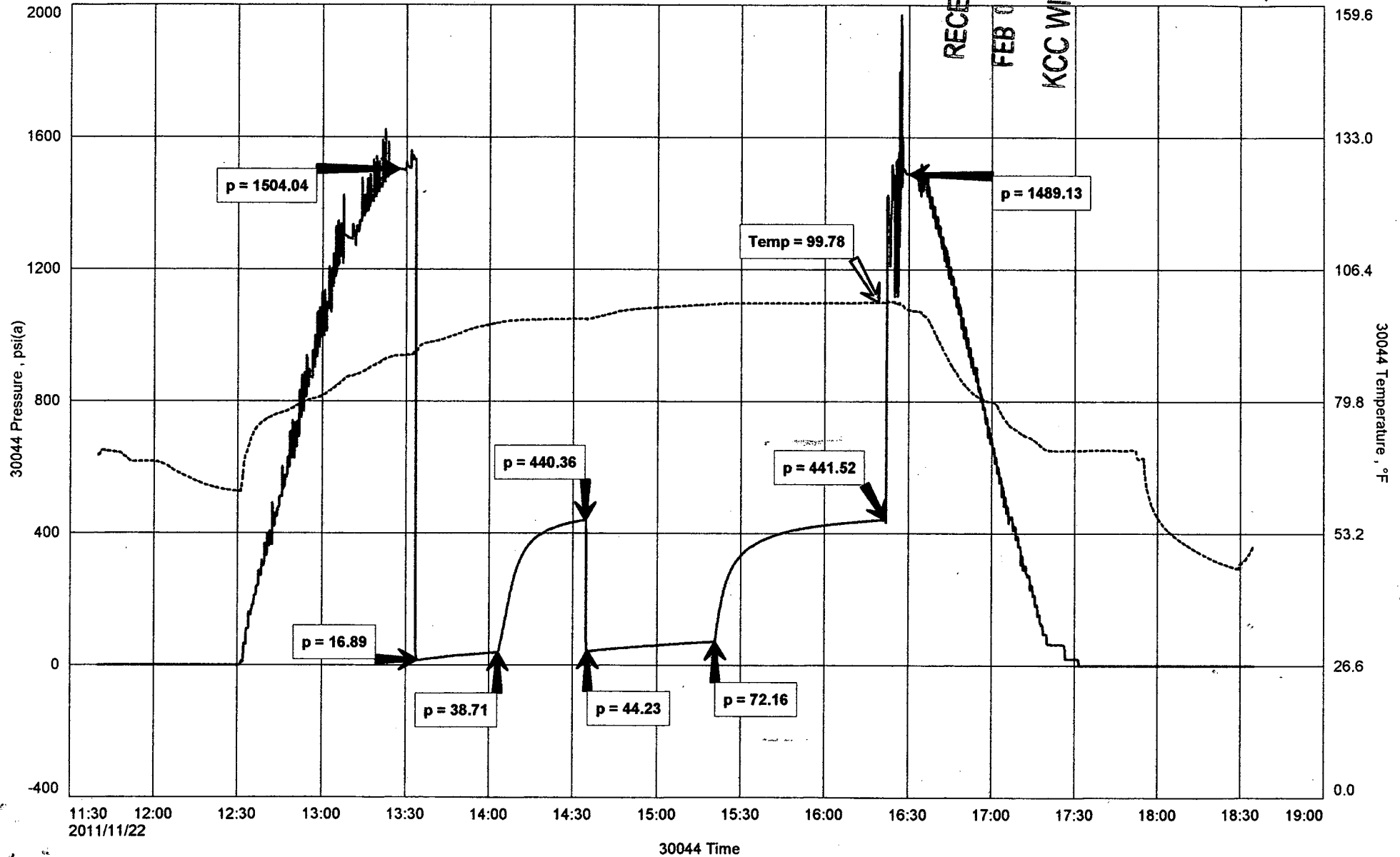
Final Hydrostatic Pressure..... (H) 1489 P.S.I.

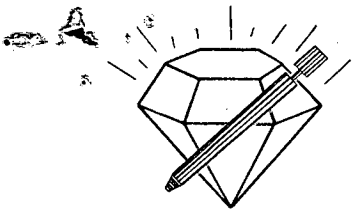
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged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

HUPFER OPERATING
DST#1 3169-3203 L/KC A&B
Start Test Date: 2011/11/22
Final Test Date: 2011/11/22

MORGANSTERN C #1
Formation: DST#1 3169-3203 L/KCA&B
Pool: WILDCAT
Job Number: M246

MORGANSTERN C #1





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 0855

TIME OFF: 1510

DRILL-STEM TEST TICKET

FILE: MARGENSTERN DST 2

Company Huffer Operating Lease & Well No. Margenstern C #1
 Contractor Discovery Rig 2 Charge to Huffer Operating
 Elevation 1923GL Formation L/KC H.I. I Effective Pay _____ Ft. Ticket No. M247
 Date 11/23/11 Sec. 17 Twp. 17 S Range 14 W County Barton State KANSAS
 Test Approved By [Signature] Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3305 ft. to 3370 ft. Total Depth 3370 ft.
 Packer Depth 3300 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3305 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3284 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 3367 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chmn Viscosity 45 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 4,000 P.P.M. Drill Pipe Length 3280 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 65 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 X4 in. Surface Choke Size 2 3/4 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SSB, BOB 11min (No BB)
 2nd Open: SSB, BOB 9min (VW SBB)

Recovered 450 ft. of GIP
 Recovered 130 ft. of GOCM 16% Gas, 20% Oil, 64% Mud
 Recovered 130 ft. of Total Fluid

Recovered _____ ft. of _____ Recovered _____ ft. of _____ Recovered _____ ft. of _____ Remarks: _____	RECEIVED	<u>Thank you</u>
	FEB 06 2012	Price Job
	KCC WICHITA	Other Charges
		Insurance
		Total

Tool Sample: 8% Gas, 35% Oil, 1% WTR, 56% Mud

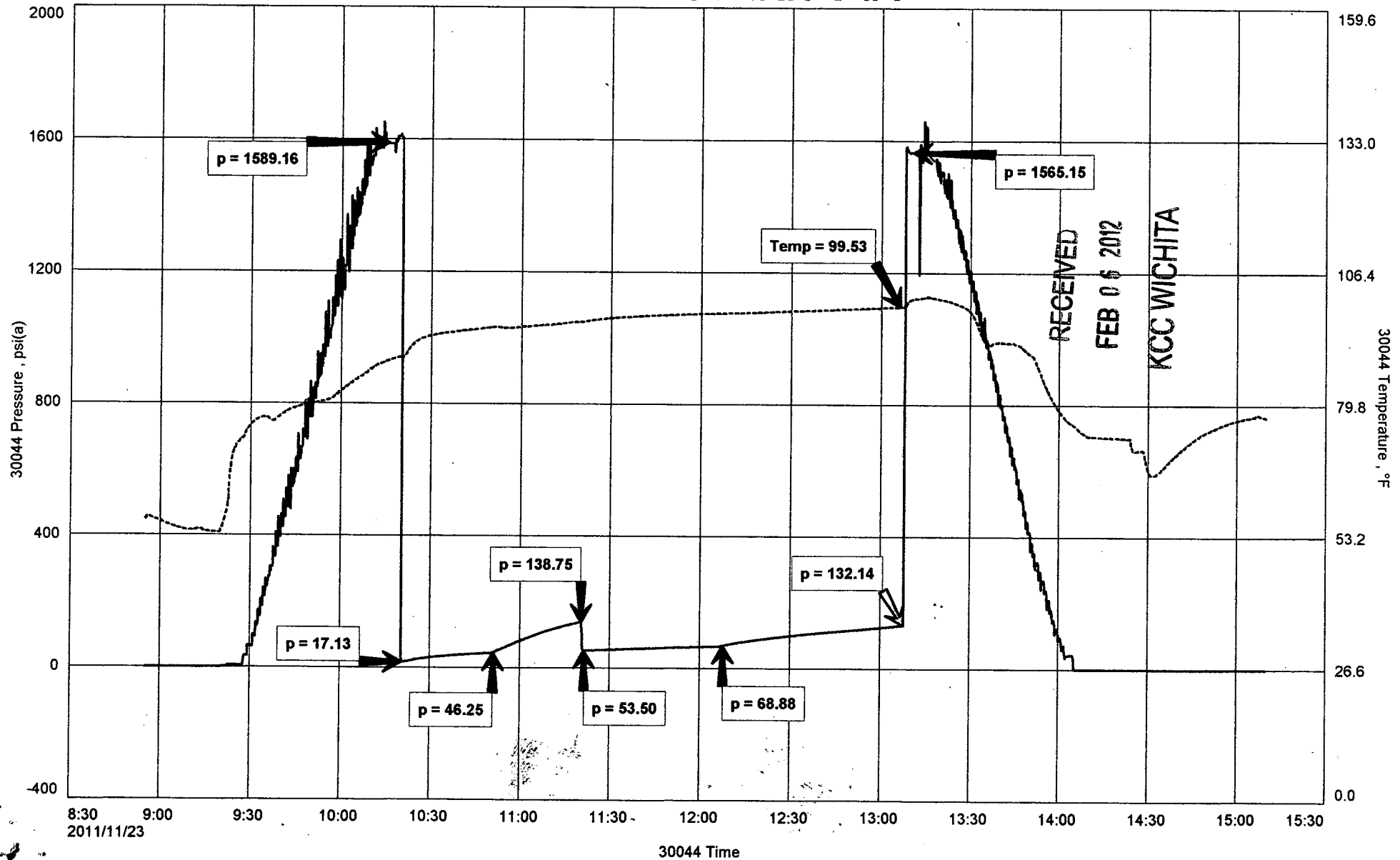
Time Set Packer(s) 10:15 (A.M.) P.M. Time Started Off Bottom 1:00 (A.M.) P.M. Maximum Temperature 100
 Initial Hydrostatic Pressure..... (A) 1589 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 46 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 139 P.S.I.
 Final Flow Period..... Minutes 45 (E) 54 P.S.I. to (F) 69 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 132 P.S.I.
 Final Hydrostatic Pressure..... (H) 1565 P.S.I.

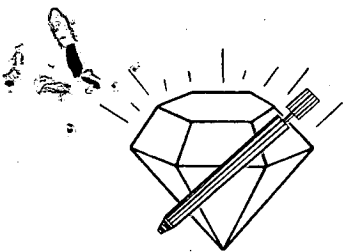
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged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

HUPFER OPERATING
DST#2 3305-3370 L/KC H,I,J
Start Test Date: 2011/11/22
Final Test Date: 2011/11/22

MORGENSTERN C #1
Formation: DST#2 3305-3370 L/KC H,I,J
Pool: WILDCAT
Job Number: M247

MORGANSTERN C #1





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 0055
 TIME OFF: 0720

DRILL-STEM TEST TICKET
 FILE: MARGNSTRNCDST3

Company Hupfer Operating Lease & Well No. Morgenstern C 1
 Contractor Discovery Rig 2 Charge to Hupfer Operating
 Elevation 1923 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. M248
 Date 11/24/11 Sec. 17 Twp. 17 S Range 14 W County Barton State KANSAS
 Test Approved By [Signature] Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 3382 ft. to 3340 ft. Total Depth 3340 ft.
 Packer Depth 3377 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3382 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3371 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 3337 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 54 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.0 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 4,000 P.P.M. Drill Pipe Length 3357 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 55 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: WSB, Built To 1 1/2" (No RB)
 2nd Open: WSB, Built To & maintained 1 1/2" Blow, Intermittent 1/25 min (No RB)
 Recovered 25 ft. of 505 DM 19% Oil 99% Mud
 Recovered 25 ft. of Total Fluid

Recovered _____ ft. of _____	RECEIVED FEB 06 2012 KCC WICHITA	Price Job
Recovered _____ ft. of _____		Other Charges
Recovered _____ ft. of _____		Insurance
Recovered _____ ft. of _____		Total
Remarks: <u>Tool Sample: DM w/ some spots of Oil</u>		

Time Set Packer(s) 2:30 ^(A.M.) P.M. Time Started Off Bottom 5:00 ^(A.M.) P.M. Maximum Temperature 98
 Initial Hydrostatic Pressure..... (A) 1233 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 16 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 1072 P.S.I.
 Final Flow Period..... Minutes 45 (E) 17 P.S.I. to (F) 21 P.S.I.
 Final Closed In Period..... Minutes 45 (G) 1080 P.S.I.
 Final Hydrostatic Pressure..... (H) 1203 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.

RECEIVED

FEB 06 2012

HUPFER OPERATING
DST#3 3382-3440 ARBUCKLE
Start Test Date: 2011/11/24
Final Test Date: 2011/11/24

MORGENSTERN C #1
Formation: DST#3 3382-3440 ARBUCKLE
Pool: WILDCAT
Job Number: M248

KCC WICHITA
MORGANSTERN C #1

