



KANSAS CORPORATION COMMISSION 1059739
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 # 31783
Name: Mid-Continent Energy Operating Co.
Address 1: 100 W 5TH ST STE 450
Address 2: _____
City: TULSA State: OK Zip: 74103 + 4254
Contact Person: G. M. Canaday
Phone: (918) 587-6363
CONTRACTOR: License # 5822
Name: Val Energy, Inc.
Wellsite Geologist: Kevin Kessler
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 #: _____

<u>01/05/2011</u>	<u>01/15/2011</u>	<u>04/01/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-101-22275-00-00

Spot Description: _____
SE NW NE NW Sec. 27 Twp. 19 S. R. 27 East West
345 Feet from North / South Line of Section
1778 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Lane

Lease Name: Bier Well #: 1-27

Field Name: _____

Producing Formation: Lansing Kansas City

Elevation: Ground: 2707 Kelly Bushing: 2712

Total Depth: 4700 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 311 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2106 Feet

If Alternate II completion, cement circulated from: 2106

feet depth to: 0 w/ 250 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 3100 ppm Fluid volume: 1000 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 Garrisor Date: 10/14/2011



1059739

Operator Name: Mid-Continent Energy Operating Co. Lease Name: Bier Well #: 1-27
 Sec. 27 Twp. 19 S. R. 27 East West County: Lane

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: DI Log CDN Log MicroLog	<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: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3968</td> <td>-1251</td> </tr> <tr> <td>Lansing</td> <td>4012</td> <td>-1295</td> </tr> <tr> <td>Stark</td> <td>4276</td> <td>-1559</td> </tr> <tr> <td>Ft Scott</td> <td>4530</td> <td>-1813</td> </tr> <tr> <td>Cherokee</td> <td>4552</td> <td>-1835</td> </tr> <tr> <td>Mississippi</td> <td>4627</td> <td>-1912</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner	3968	-1251	Lansing	4012	-1295	Stark	4276	-1559	Ft Scott	4530	-1813	Cherokee	4552	-1835	Mississippi	4627	-1912
Name	Top	Datum																				
Heebner	3968	-1251																				
Lansing	4012	-1295																				
Stark	4276	-1559																				
Ft Scott	4530	-1813																				
Cherokee	4552	-1835																				
Mississippi	4627	-1912																				

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	311	Common	185	3%CC, 2%gel
Production	4.25	7.875	10.5	4695	Standard	225	10% salt, 5% Calseal, 1/4# Floccle, 1/2#

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	4327 - 4331	250 gal 15% MCA	

TUBING RECORD:	Size: <u>2-3/8</u>	Set At: <u>4361'</u>	Packer At: <u> </u>	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>04/01/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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Estimated Production Per 24 Hours	Oil Bbls. <u>35</u>	Gas Mcf	Water Bbls. <u>60</u>	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input 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>4327-4331'</u>
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PO BOX 31 Russell, KS 67665

RECEIVED
JAN 18 2011

INVOICE

Invoice Number: 125835

Invoice Date: Jan 5, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:
Mid-Continent Energy Operating Co.
100 West 5th St. Suite 450
Tulsa, OK 74103

Bier surface pipe

Customer ID	Well Name# or Customer P.O.	Payment Terms	
MidCoEnOp	BA#T-27	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Jan 5, 2011	2/4/11

Quantity	Item	Description	Unit Price	Amount
185.00	MAT	Class A Common	13.50	2,497.50
3.00	MAT	Gel	20.25	60.75
6.00	MAT	Chloride	51.50	309.00
185.00	SER	Handling	2.25	416.25
28.00	SER	Mileage 185 sx @ .10 per sk per mi	18.50	518.00
1.00	SER	Surface	991.00	991.00
28.00	SER	Pump Truck mileage	7.00	196.00

ENTERED JAN 18 2011

11/11 1899

SCANNED
ATTACHED

CO.# **AFE**
LSE# **150030**
ACCT# **1562-30**
APPROVED *[Signature]*
BCP **ACP** **LOE**

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ **997.70**

ONLY IF PAID ON OR BEFORE

Jan 30, 2011

Subtotal	4,988.50
Sales Tax	180.64
Total Invoice Amount	5,169.14
Payment/Credit Applied	
TOTAL	5,169.14

ck 25283

< 997.70

4,171.44

ALLIEE CEMENTING CO., LLC. 038636

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

SERVICE POINT: M.C.B.

DATE <u>1-5-11</u>	SEC. <u>7</u>	TWP. <u>19</u>	RANGE <u>27</u>	CALLED OUT <u>5 am</u>	ON LOCATION <u>8:30 am</u>	JOB STARTED <u>10 am</u>	JOB FINISHED <u>11 am</u>
LEASE <u>Bair</u>		WELL # <u>1-27</u>		LOCATION <u>Nass + bain Co line</u>		COUNTY <u>Lane</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				<u>2w 7s 2E S/S</u>			

CONTRACTOR <u>Val Drilling Rig 4</u>	OWNER _____
TYPE OF JOB <u>Surface Job</u>	CEMENT AMOUNT ORDERED <u>185 sk cement</u>
HOLE SIZE <u>12 1/4</u> T.D. <u>314 ft</u>	<u>38 cc 26 gal</u>
CASING SIZE <u>8 3/8</u> DEPTH <u>314 ft</u>	
TUBING SIZE _____ DEPTH _____	
DRILL PIPE _____ DEPTH _____	
TOOL _____ DEPTH _____	
PRES. MAX _____ MINIMUM _____	
MEAS. LINE _____ SHOE JOINT _____	
CEMENT LEFT IN CSG. <u>14 ft</u>	
PERFS. _____	
DISPLACEMENT <u>18 bbl</u>	

EQUIPMENT

PUMP TRUCK # <u>316</u>	CEMENTER <u>M. He M.</u>
BULK TRUCK # <u>482</u>	HELPER <u>Bob</u>
BULK TRUCK # _____	DRIVER <u>Kevin W.</u>
BULK TRUCK # _____	DRIVER _____

COMMON	<u>185</u>	@ <u>13.50</u>	<u>2,497.50</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>6</u>	@ <u>51.50</u>	<u>309.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>185</u>	@ <u>2.25</u>	<u>416.25</u>
MILEAGE	<u>185 x 28 x .10</u>		<u>518.00</u>
TOTAL			<u>3,801.50</u>

REMARKS:

Rig was still drilling when we set there started out of the hole with drill pipe circulate the hole & then mix cement & displace it down cement did circulate to surface

SERVICE

DEPTH OF JOB	<u>314 ft</u>		
PUMP TRUCK CHARGE			<u>991.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>28</u>	@ <u>7.00</u>	<u>196.00</u>
MANIFOLD		@	
		@	
TOTAL			<u>1187.00</u>

CHARGE TO: Mid Continent Energy Op
STREET _____

and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
TOTAL CHARGES 1187.00
DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____
SIGNATURE [Signature]

RECEIVED

FEB 7 2011

Invoice



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



DATE	INVOICE #
1/28/2011	19918

BILL TO

Mid Continent Energy Operating Company
100 W 5th Street, Suite 450
Tulsa, OK 74103

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-27	Bier	Lane	Cheyenne Well Se...	Oil	Development	Cement Port Collar	Wayne
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				35	Miles	5.00	175.00
576D-D	Pump Charge - Port Collar				1	Job	1,100.00	1,100.00
105	Port Collar Tool Rental With Man				1	Each	300.00	300.00T
330	Swift Multi-Density Standard (MIDCON II)				250	Sacks	15.00	3,750.00T
276	Flocele				80	Lb(s)	1.50	120.00T
290	D-Air				3	Gallon(\$)	35.00	105.00T
581D	Service Charge Cement				325	Sacks	1.50	487.50
583D	Drayage				565.43	Ton Miles	1.00	565.43
	Subtotal							6,602.93
	Sales Tax Lane County						6.30%	269.33

ENTERED FEB 07 2011

1/9 1914

SCANNED

~~ATTACHED~~

CO.# AFE
LSE# 152030
ACCT# 1563-30
APPROVED ✓
BCP (ACP) LOE

Thank You For Your Business In 2010!
We Look Forward To Serving You In 2011!

Total \$6,872.26

CR 25485



CHARGE TO: Mid Continent Energy Operating
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
19918

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>NESS CITY, KS</u>	WELL/PROJECT NO. <u>1-27</u>	LEASE <u>BZER</u>	COUNTY/PARISH <u>LANE</u>	STATE <u>Ks</u>	CITY	DATE <u>1-28-11</u>	OWNER <u>SAME</u>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>CHEYKNE WELL SERVICE</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>LOCATION</u>	ORDER NO.	
3.	WELL TYPE <u>OIL</u>	WELL CATEGORY <u>DEVELOPMENT</u>	JOB PURPOSE <u>CEMENT PORT COLLAR</u>	WELL PERMIT NO.	WELL LOCATION <u>AUMETA, KS - 7s, 1/4 E, S</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE * 110		35	MI		5.00	175.00
576D		1			PUMP CHARGE		1	JOB		1100.00	1100.00
105		1			PORT COLLAR OPERATING TOOL		1	JOB		300.00	300.00
330		1			SWIFT MULT-DRIFTY STANDS		250	STKS		15.00	3750.00
276		1			FIDDLE		80	LS		1.50	120.00
240		1			D-ADR		3	GAZ		35.00	105.00
581		1			SERVICE CHARGE CEMENT		325	STKS		1.50	487.50
583		1			DRAYAGE		32310	LBS	565.437M	1.00	565.43

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

x Clint Andrews
 DATE SIGNED: 1-28-11 TIME SIGNED: 1000 A.M. P.M.

REMIT PAYMENT TO:

 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					6602.93
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					
				TOTAL	6672.26

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: Waxie Wason APPROVAL:

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 1-28-11 PAGE NO. 1

CUSTOMER Max Cement Energy WELL NO. 1-27 LEASE BIER JOB TYPE CEMENT PORT COLLAR TICKET NO. 19918

CHART NO.	TIME	RATE (BPM)	VOLUME (BBQ)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							ON LOCATION
								2 3/8 x 4 1/2 PORT COLLAR = 2190'
	1445				✓		1000	PSE TEST CASING - HCU
	1450	3	3	✓		300		OPEN PORT COLLAR - INT RATE
	1500	4 1/2	140	✓		450		MIX CEMENT 250 SKS SMD
	1530	4	7 1/2	✓		600		DISPLACE CEMENT
	1540				✓		1000	CLOSE PORT COLLAR - PSE TEST - HCU
								CIRCULATE 20 SKS CEMENT TO PZT
	1600	4	25	✓		450		RUN 5 JTS - CIRCULATE CLEAN
								WASH TRUCK / PULL TOOL
	1700							JOB COMPLETE
								THANK YOU WAYNE, JASON, DAVID

RECEIVED

JAN 21 2011

Invoice



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



DATE	INVOICE #
1/14/2011	19514

BILL TO

Mid Continent Energy Operating Company
100 W 5th Street, Suite 450
Tulsa, OK 74103

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-27	Bier	Lane	Val Energy #4	Oil	Development	LongString	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				35	Miles	5.00	175.00
578D-L	Pump Charge - Long String - 4700 Feet				1	Job	1,400.00	1,400.00
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
281	Mud Flush				500	Gallon(s)	1.00	500.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
402-4	4 1/2" Centralizer				10	Each	50.00	500.00T
403-4	4 1/2" Cement Basket				2	Each	200.00	400.00T
404-4	4 1/2" Port Collar				1	Each	1,900.00	1,900.00T
406-4	4 1/2" Latch Down Plug & Baffle				1	Each	200.00	200.00T
407-4	4 1/2" Insert Float Shoe With Auto Fill				1	Each	250.00	250.00T
414-4	4 1/2" Limit Clamp				1	Each	30.00	30.00T
419-4	4 1/2" Rotating Head Rental				1	Each	150.00	150.00T
325	Standard Cement				225	Sacks	12.00	2,700.00T
276	Flocele				50	Lb(s)	1.50	75.00T
283	Salt				1,100	Lb(s)	0.15	165.00T
284	Calseal				11	Sack(s)	30.00	330.00T
285	CFR-1				100	Lb(s)	4.00	400.00T
581D	Service Charge Cement				220	Sacks	1.50	330.00
583D	Drayage				403	Ton Miles	1.00	403.00
Subtotal								10,028.00
Sales Tax Lane County							6.30%	486.36

CO. # AFE
LSE # 150030
ACCT # 1563-30
APPROVED
BCP ACP LOE

ENTERED JAN 25 2011
1807 //
// SCANNED

ATTACHED

Thank You For Your Business In 2010!
We Look Forward To Serving You In 2011!

Total \$10,514.36

CR 25394



CHARGE TO: MidContinent Energy Operating
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET
 19514
 PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>Hays, KS.</u>	WELL/PROJECT NO. <u>#1-27</u>	LEASE <u>Bier</u>	COUNTY/PARISH <u>Lane</u>	STATE <u>KS</u>	CITY	DATE <u>1-14-11</u>	OWNER <u>Same</u>
2. <u>Ness City, KS.</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Val Energy #4</u>	RIG NAME/NO.	SHIPPED VIA <u>CTT</u>	DELIVERED TO <u>Location</u>	ORDER NO.	
3.	WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Longstring</u>	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			U/M		U/M		
75		1			MILEAGE #111	35	mi			5 ⁰⁰	175 ⁰⁰
578		1			Pumpcharge (Longstring)	1	ea	4700	1	1400 ⁰⁰	1400 ⁰⁰
221		1			KCL	2	gal			25 ⁰⁰	50 ⁰⁰
281		1			Mudflush	500	gal			1 ⁰⁰	500 ⁰⁰
290		1			D-Air	2	gal			35 ⁰⁰	70 ⁰⁰
402		1			Centralizers	10	ea	44	11	50 ⁰⁰	500 ⁰⁰
403		1			Baskets	2	ea			200 ⁰⁰	400 ⁰⁰
404		1			Port Collar	1	ea			1900 ⁰⁰	1900 ⁰⁰
406		1			L D Plug & Baffle	1	ea			200 ⁰⁰	200 ⁰⁰
407		1			Insert Float Shoe w/Fill	1	ea			250 ⁰⁰	250 ⁰⁰
414		1			Limit Clamp	1	ea			30 ⁰⁰	30 ⁰⁰
19					Rotating Head	1	ea			150 ⁰⁰	150 ⁰⁰

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
 DATE SIGNED 1-15-11 TIME SIGNED 0700 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL 1	5625	00
page 2	4403	00
sub-total	10028	00
Lane TAX 6.3%	486	36
TOTAL	10,514	36

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES - The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Mike Korte APPROVAL Clint Andrews

Thank You!



PO Box 466.
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 19514

CUSTOMER *Mid Continent Energy* WELL *#1-27 Bice* DATE *1-14-11* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		UNIT PRICE	AMOUNT
		LOC	ACCT	DR			QTY	UNIT		
325		2				Standard Cement	220	sk	12.00	2640.00
276		2				Fluocel	50	#	1.50	75.00
283		2				Salt	1100	#	.15	165.00
284		2				Calseal	11	sk	30.00	330.00
285		2				CFR-1	100	#	4.00	400.00
581		2				SERVICE CHARGE	220	sk	1.50	330.00
583		2				TOTAL WEIGHT	230	30	1.00	403.00
						LOADED MILES	35			
						TON MILES	403	TN		

CONTINUATION TOTAL 4903.00

JOB LOG

SWIFT Services, Inc.

DATE 1-14-11 PAGE NO. 7

CUSTOMER MidContinent Energy

WELL NO. #1-27

LEASE Birch

JOB TYPE Longstring

TICKET NO. 19514

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2145							on loc w/ FE
								RTD 4700' LTD 4699'
								4 1/2" x 10.5" x 4696' x 42'
								Cent. Mid 1, 2, 3, 6, 7, 8, 9, 10, 59
								Basket Mid 1, 60
								P.C. 60 @ 2190'
	0315							start FE
	0520							Break Circulation
	0600	2.5	7/5					Plug RH & NH 30/20 sks EA-2
	0610	4	0			150		Start Mud Flush
		4	12/0			150		Start KCL Flush
	0618	5.5	20/0			200		Start Cement 170 sks EA-2
	0626		48					End Cement
								Wash P & L
								Drop L.D. Plug
	0629	6	0			100		Start Displacement
	0638	5				200		Catch Cement
	0645		74			900/1100		Land Plug
								Release Pressure
								Float Held

Thank you

Nick, Josh F. & Joe

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	MID CONTINENT	Job Number	MO82
Well Name	BIER #1-27	Representative	MIKE COCHRAN
Unique Well ID	DST#1 4180-4250 LSG. 140-160'	Well Operator	MID CONTINENT
Surface Location	SEC.27-19-27 LANE CO. KS.	Report Date	2011/01/10
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 4180-4250 LSG. 140-160'		
Test Purpose (AEUB)			
Start Test Date	2011/01/10	Start Test Time	14:14:00
Final Test Date	2011/01/10	Final Test Time	17:24:00
		Well Fluid Type	01 Oil

Test Results

Remarks RECOVERED: 15' DM
15' TOTAL FLUID

TOOL SAMPLE: DM W/ OIL SPECKS



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BIER1-27DST1

TIME ON: 14:14

TIME OFF: 17:24

Company MID CONTINENT Lease & Well No. BIER 1-27
Contractor VAL RIG 4 Charge to MID CONTINENT
Elevation 2717 KB Formation LSG 140-160' Effective Pay _____ Ft. Ticket No. M082
Date 1/10/11 Sec. 27 Twp. _____ 19 S Range _____ 27 W County _____ LANE State KANSAS
Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 4180 ft. to 4250 ft. Total Depth 4250 ft.
Packer Depth 4175 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4180 ft. Size 6 3/4 in. Packer depth NA 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) 4247 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth NA ft. Recorder Number NA Cap. NA P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 4148 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 70 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 7/8" (NO BB)
2nd Open: NO BLOW (NO BB)

Recovered 15 ft. of DM
Recovered 15 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOLSAMPLE: <u>DM W/ SPECKS OF OIL</u>	Total

Time Set Packer(s) 4:45 P.M. A.M. P.M. Time Started Off Bottom 7:30 P.M. A.M. P.M. Maximum Temperature _____

Initial Hydrostatic Pressure..... (A) 2071 P.S.I.
Initial Flow Period..... Minutes 30 (B) 31 P.S.I. to (C) 31 P.S.I.
Initial Closed In Period..... Minutes 75 (D) 1147 P.S.I.
Final Flow Period..... Minutes 30 (E) 34 P.S.I. to (F) 31 P.S.I.
Final Closed In Period..... Minutes 30 (G) 935 P.S.I.
Final Hydrostatic Pressure..... (H) 2062 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.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	MID CONTINENT	Job Number	MO83
Well Name	BIER #1-27	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4270-4320 LSG 200' ZN	Well Operator	MID CONTINENT
Surface Location	SEC.27-19-27 LANE CO. KS.	Report Date	2011/01/11
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 4270-4320 LSG 200' ZN		
Test Purpose (AEUB)			
Start Test Date	2011/01/11	Start Test Time	12:49:00
Final Test Date	2011/01/11	Final Test Time	23:26:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks RECOVERED: 5' CO
150' SOSM, 1%OIL, 99% MUD
155' TOTAL FLUID

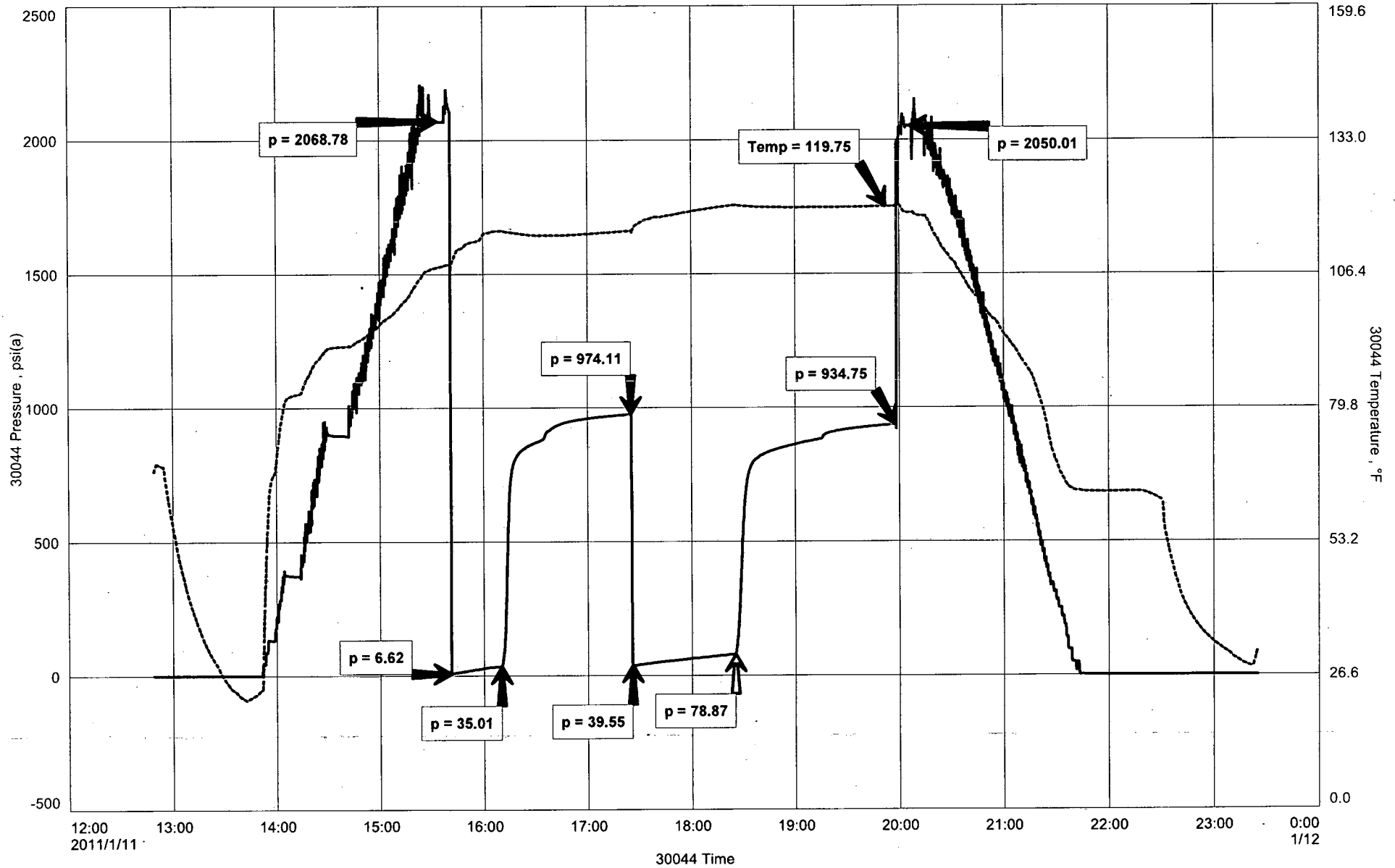
GRAVITY: 40.0 @ 60 DEG.

TOOL SAMPLE: DM W/ GOOD OIL SPOTS. 12% OIL, 2% WTR, 86% MUD

MID CONTINENT
DST#2 4270-4320 LSG 200' ZN
Start Test Date: 2011/01/11
Final Test Date: 2011/01/11

BIER #1-27
Formation: DST#2 4270-4320 LSG 200' ZN
Pool: WILDCAT
Job Number: MO83

BIER #1-27





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BIER1-27DST2

TIME ON: 1249

TIME OFF: 2326

Company MID CONTINENT Lease & Well No. BIER 1-27
 Contractor VAL RIG 4 Charge to MID CONTINENT
 Elevation 2717 KB Formation LSG 200' ZH Effective Pay _____ Ft. Ticket No. M083
 Date 1/11/11 Sec. 27 Twp. 19 S Range 27 W County LANE State KANSAS
 Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 4270 ft. to 4320 ft. Total Depth 4320 ft.
 Packer Depth 4265 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
 Packer Depth 4270 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4252 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 4317 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
 Below Straddle Recorder Depth NA ft. Recorder Number NA Cap. NA P.S.I.
 Mud Type CHEMICAL Viscosity 52 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 5,200 P.P.M. Drill Pipe Length 4238 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 1 Test Tool Length 32 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. (31' D.P.) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BUILT TO 6" (NO BB)
 2nd Open: WSB, BUILT TO 4" IN 27 MIN, THEN DIMINISHED TO 2" @ SHUT IN (NO BB)

Recovered 5 ft. of CO GRAVITY: 40.0 @60 DEG.
 Recovered 150 ft. of SOSM 1% OIL, 99% MUD
 Recovered 155 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOLSAMPLE: <u>DM WITH GOOD OIL SPOTS 12% OIL, 2% WTR, 86% MUD</u>	Total

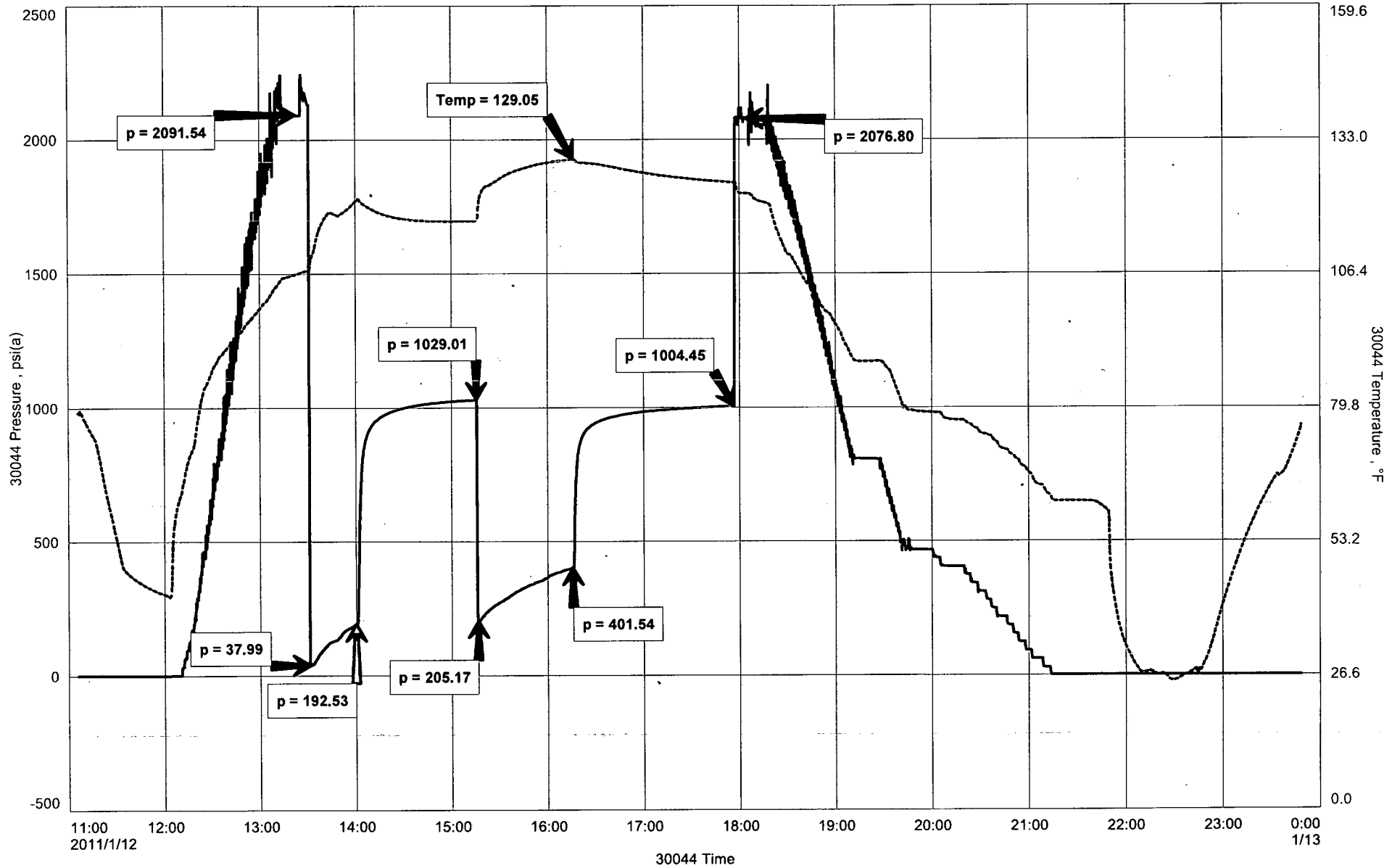
Time Set Packer(s) 3:45 P.M. A.M. P.M. Time Started Off Bottom 8:00 P.M. A.M. P.M. Maximum Temperature 120
 Initial Hydrostatic Pressure..... (A) 2069 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 35 P.S.I.
 Initial Closed In Period..... Minutes 75 (D) 974 P.S.I.
 Final Flow Period..... Minutes 60 (E) 40 P.S.I. to (F) 79 P.S.I.
 Final Closed In Period..... Minutes 90 (G) 935 P.S.I.
 Final Hydrostatic Pressure..... (H) 2050 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.

MID CONTINENT
DST#3 4315-4360 LSG 220'
Start Test Date: 2011/01/12
Final Test Date: 2011/01/12

BIER #1-27
Formation: DST#3 4315-4360 LSG 220'
Pool: WILDCAT
Job Number: MO84

BIER #1-27



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	MID CONTINENT	Job Number	MO84
Well Name	BIER #1-27	Representative	MIKE COCHRAN
Unique Well ID	DST#3 4315-4360 LSG 220'	Well Operator	MID CONTINENT
Surface Location	SEC.27-19-27 LANE CO. KS.	Report Date	2011/01/12
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 4315-4360 LSG 220'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/01/12	Start Test Time	11:06:00
Final Test Date	2011/01/12	Final Test Time	23:49:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks RECOVERED: 535' GIP
30' CO
756' WGMCO 11% GAS, 64% OIL, 9% WTR, 16% MUD
189' MW 90% WTR, 10% MUD
975' TOTAL FLUID

GRAVITY: 39.2@60 DEG.
CHLOR: 66,000 PPM
PH: 8.0

TOOL SAMPLE: 100% OIL



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BIER1-27DST3

TIME ON: 1106

TIME OFF: 2349

Company MID CONTINENT Lease & Well No. BIER 1-27
Contractor VAL RIG 4 Charge to MID CONTINENT
Elevation 2717 KB Formation LSG 220' ZN Effective Pay _____ Ft. Ticket No. M084
Date 1/12/11 Sec. 27 Twp. 19 S Range 27 W County LANE State KANSAS
Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 4315 ft. to 4360 ft. Total Depth 4360 ft.
Packer Depth 4310 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4315 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4297 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4357 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth NA ft. Recorder Number NA Cap. NA P.S.I.
Mud Type CHEMICAL Viscosity 53 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 6,800 P.P.M. Drill Pipe Length 4283 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 45 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: GSB, BOB 1 MIN. 45 SEC. (WS BB)
2nd Open: GSB, BOB 2 MIN. 45 SEC. (BOB BB 15 MIN.)

Recovered 535 ft. of GIP
Recovered 30 ft. of CO GRAVITY 39.2@60 DEG
Recovered 756 ft. of WGMCO 11% GAS, 64% OIL, 9% WTR, 16% MUD
Recovered 189 ft. of MW 90% WTR, 10% MUD
Recovered 975 ft. of TOTAL FLUID Price Job _____
Recovered _____ ft. of _____ CHLOR: 66,000 PPM Other Charges _____
Remarks: _____ PH 8.0 Insurance _____
TOOL SAMPLE: 100% OIL Total _____

Time Set Packer(s) 1:30 P.M. A.M. _____ P.M. _____ Time Started Off Bottom 5:45 P.M. A.M. _____ P.M. _____ Maximum Temperature 129
Initial Hydrostatic Pressure..... (A) 2092 P.S.I.
Initial Flow Period..... Minutes 30 (B) 38 P.S.I. to (C) 193 P.S.I.
Initial Closed In Period..... Minutes 75 (D) 1029 P.S.I.
Final Flow Period..... Minutes 60 (E) 205 P.S.I. to (F) 402 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1004 P.S.I.
Final Hydrostatic Pressure..... (H) 2077 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.