

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34027

Name: CEP Mid-Continent LLC

Address 1: 15 West Sixth Street, Suite 1100

Address 2: _____

City: Tulsa State: OK Zip: 74119 + 5415

Contact Person: Rodney Tate, D&C Engineer

Phone: (918) 877-2912, ext. 306

CONTRACTOR: License # (subcontractor for CEP-34027) 34233

Name: Maverick Stimulation Co., LLC

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

_____ New Well _____ Re-Entry ☒ Workover

_____ Oil _____ SWD _____ SIOW

☒ Gas _____ ENHR _____ SIGW

_____ CM (Coal Bed Methane) _____ Temp. Abd.

_____ Dry _____ Other _____
(Core, WSW, Expl., Cathodic, etc.)

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

Operator: Kansas Production EQR, LLC

Well Name: Miller 1-34

Original Comp. Date: 8-19-05 Shut In Original Total Depth: 1,563'

_____ Deepening _____ Re-perf. _____ Conv. to Enhr. _____ Conv. to SWD

_____ Plug Back: 1,152' _____ Plug Back Total Depth

_____ Commingled _____ Docket No.: _____

_____ Dual Completion _____ Docket No.: _____

_____ Other (SWD or Enhr.?) _____ Docket No.: _____

4-30-08 4-30-08

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - 125-30796-0000

Spot Description: _____

_____ NE SE NE Sec. 34 Twp. 34 S. R. 14 ☒ East ☐ West

1635 Feet from ☒ North / ☐ South Line of Section

335 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☒ NE ☐ NW ☐ SE ☐ SW

County: Montgomery

Lease Name: MILLER Well #: 1-34

Field Name: _____

Producing Formation: _____

Elevation: Ground: 824' Kelly Bushing: _____

Total Depth: 1563 Plug Back Total Depth: 1152

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 1552

feet depth to: 0 w/ 180 sx cmt.

Drilling Fluid Management Plan OWWD-AH II NR
(Data must be collected from the Reserve Pit) 10-19-09

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

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

County: _____ Docket No.: _____

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.

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: _____

Title: Rodney Tate, D&C Engineer Date: 8-25-09

Subscribed and sworn to before me this _____ day of _____, _____

20 09

Notary Public: Mary Johnson

Date Commission Expires: _____

KCC Office Use ONLY

N Letter of Confidentiality Received

If Denied, Yes ☐ Date: _____

_____ Wireline Log Received

_____ Geologist Report Received

_____ UIC Distribution

RECEIVED

AUG 27 2009

KCC WICHITA

Operator Name: CEP Mid-Continent LLC Lease Name: MILLER Well #: 1-34
 Sec. 34 Twp. 34 S. R. 14 ☒ East ☐ West County: Montgomery

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%"> <tr> <td style="width:50%">Name</td> <td style="width:25%">Top</td> <td style="width:25%">Datum</td> </tr> <tr> <td>Bartlesville</td> <td>1,318'</td> <td>-494'</td> </tr> </table>	Name	Top	Datum	Bartlesville	1,318'	-494'
Name	Top	Datum					
Bartlesville	1,318'	-494'					

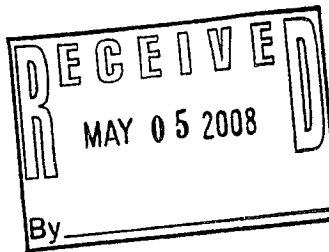
CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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	Bartlesville	6,670 gals. MavFoam C70, 84,000 SCF N2,	1318-1322'
		5,650 lbs. sand, breakdown at 3315 psi	

TUBING RECORD:		Size: <u>2-3/8"</u>	Set At: <u>1,453'</u>	Packer At: <u> </u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>5-30-08</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	Bbls.	Gas	Mcf	Water Bbls. 0 (as of 7-17-08)
		0		0	

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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 <input type="checkbox"/> Other (Specify) <u> </u>	PRODUCTION INTERVAL: <u> </u> <u> </u>
--	--	--



Invoice

DATE	INVOICE NO.
4/30/2008	9619

BILL TO
CEP Mid-Continent LLC Paul Bruce PO Box 970 Skiatook, OK 74070

MAIL TO
DATE
MAY 06 2008
ACCOUNTING

LOCATION
Sec. 34, T34S, R14E Montgomery County, Kansas

		TERMS	WELL NAME
		Net 30	CEP Miller #1-34

ITEM	DESCRIPTION & UOM	QTY	RATE	AMOUNT																														
	Sales Tax, Montgomery Cnty KS		7.55%	374.52																														
<table border="1"> <thead> <tr> <th>Account #</th> <th>Property</th> <th>Amount</th> <th>AFE</th> <th>SV</th> </tr> </thead> <tbody> <tr> <td>1027332</td> <td>70061</td> <td>13524.63</td> <td>4681340</td> <td>R 4/08</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>					Account #	Property	Amount	AFE	SV	1027332	70061	13524.63	4681340	R 4/08																				
Account #	Property	Amount	AFE	SV																														
1027332	70061	13524.63	4681340	R 4/08																														
VENDOR # <u>10827</u> NSE 986 CEP 976 MCOS 985 IMMEDIATE OVERNIGHT																																		
<div style="float: right; text-align: right;"> Reviewed by _____ Approved by _____ Approved by _____ Date Paid _____ Check No. _____ </div> <div style="clear: both;"></div>																																		
RECEIVED AUG 27 2009 KCC WICHITA																																		
Remit payment to Maverick Stimulation Co., LLC 88 Inverness Circle East, G-101 Englewood CO 80112			Total \$13,524.63																															

CUSTOMER OR HIS AGENT SIGNATURE



12701 ENERGY RD · FT. MORGAN, CO. 80701 · PH (970) 867-2786 · FAX (970) 867- 5922

CEP MID-CONTINENT LLC – SKIATOOK, OK
Coal Seam Frac Project

April 30, 2008

CEP – KANMAP - CEP MILLER #1-34 Stage #3

BARTLESVILLE (1318'-1322', 4 spf), 16 shots total.

Spotted 100 gallons of 7.5% HCl. Started pump in with 294 gal gelled water. Followed with 400 gals of 7.5% HCl, and flushed with 378 gal gelled water. Started treatment with a pad of 1554 gallons of MavFoam C70, followed by 5,116 gals of MavFoam C70 carrying 5,650lbs 16/30 Brady Sand at 0.25 to 3.0 ppg down hole. The job was flushed to the top perforation with 348 gal gelled water, and over flushed with 168 gal gelled water. A total of 84,000 SCF (including cool down) of N₂ was used.

Started pump-in, STP-170, BH-247. Followed with acid @ 3.0 bpm, STP-817, BH-1503, Started Flush, STP-920, BH-1540. Started Pad, STP-1111, BH-942, Initial FQ was 60. Sand stages were as follows: Started 0.25#, STP-1167, BH-1074, FQ-65. Started 0.5#, STP-1266, BH-1161, FQ-66. Started 1#, STP-1347, BH-1211, FQ-66. Started 2#, STP-1436, BH-1305, FQ-69. Started 3#, STP-1566, BH-1439, FQ-69. Started Flush, STP-1601, BH-1460, FQ-69. Average FQ was 69. Max pressure was 4000 psi. Average rate was 13.5 bpm at 1347 psi surface (1211 psi bottomhole). ISIP was 952 psi (FG = 1.15); 5 min = 715 psi, 10 min = 688 psi.

RECEIVED

AUG 27 2009

KCC WICHITA



88 INVERNESS CIRCLE E. G-101
ENGLEWOOD, CO 80112
PH (303) 757-7789 FAX (303) 757-7610

TREATMENT REPORT - PAGE 1

Date: 30-Apr-08

Well Name:	Location:	Customer Rep:	Field Order #
MILLER #1-34	SEC.34, T34S,R14E	DON STAFFORD	09619
Stage:	Formation:	Treat Via:	Allowable Pressure Tbg Csg
ST#3	BARTLESVILLE	TUBING	4,000
County:	State:	Well Age:	PackerType: PackerDepth: Csg Size:
MONTGOMERYSWEST	KS	NEW	1,250 4.5
Type Of Service:	N2 FOAM FRAC	Csg Depth	Tbg Size: Tbg Depth: Liner Size:
		1,552	2.875 1,250
Customer Name:	CEP MID-CONTINENT LLC	Liner Depth:	Liner Top: Liner Bot: Total Depth:
Address:	LARRY CASEY P.O. BOX 970 SKAITOOK OK 74070		
Remarks:	5,650 LBS. 16/30 BRADY 84,000 SCF N2 JOB PUMPED @ 13 BPM DOWNHOLE	Open Hole:	Csg Vol: BHT:
			8.3 90
		Perf Depths:	Perfs: TotalPerfs:
		1318	1322 16 16
			0
			0
			0
			0
			0

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	FOAM/FLD (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
12:02	8.2	0	2	0	PRIME UP PRESS TEST TO = 3800 PSI	0	0	0.0
12:06	0.0	0	173	0	ST PUMP-IN	0	294	7.0
12:17	0.0	0	727	1	SURGE BACK WELL	0	0	0.0
12:23	0.0	0	3	1	SHUTDOWN WAIT ON ACID SPOTTER	0	0	0.0
15:06	0.0	0	69	0	ST PUMP-IN	0	105	2.5
15:07	0.7	0	1198	1	BREAKDOWN @ 3315 PSI	0	0	0.0
15:07	0.2	0	776	0	ST ACID	0	400	9.5
15:10	0.1	0	799	1	ST FLUSH	0	378	9.0
15:11	4.2	3086	653	0	ST PAD	0	1,554	11.1
15:14	4.0	3086	1166	1	ST .25# 16/30 BRADY	500	2,000	14.3
15:18	4.0	3569	1266	1	ST .5# 16/30 BRADY	500	1,000	7.1
15:20	4.5	3996	1339	1	ST 1# 16/30 BRADY	500	500	3.6
15:21	4.4	4150	1402	0	ST 2# 16/30 BRADY	1,400	700	5.0
15:22	4.8	4503	1560	1	ST 3# 16/30 BRADY	2,750	916	6.5
15:24	10.3	0	1629	0	ST FLUSH	0	348	8.3
15:25	11.3	0	1140	1	ST OVERFLUSH	0	168	4.0
15:26	4.3	0	876	1	CUT FLUID - ISIP = 952 PSI	0	0	0.0
15:31	0.0	0	715	0	5 MIN = 715 PSI	0	0	0.0
15:36	0.0	0	688	1	10-MIN = 688 PSI	0	0	0.0
Total:						5,650	8,363	87.9

Summary

Max Fl. Rate Avg Fl. Rate Max Psi Avg Psi
11.3 4.7 4,913 1,411

RECEIVED

AUG 27 2009

KCC WICHITA

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory
☐ Unsatisfactory

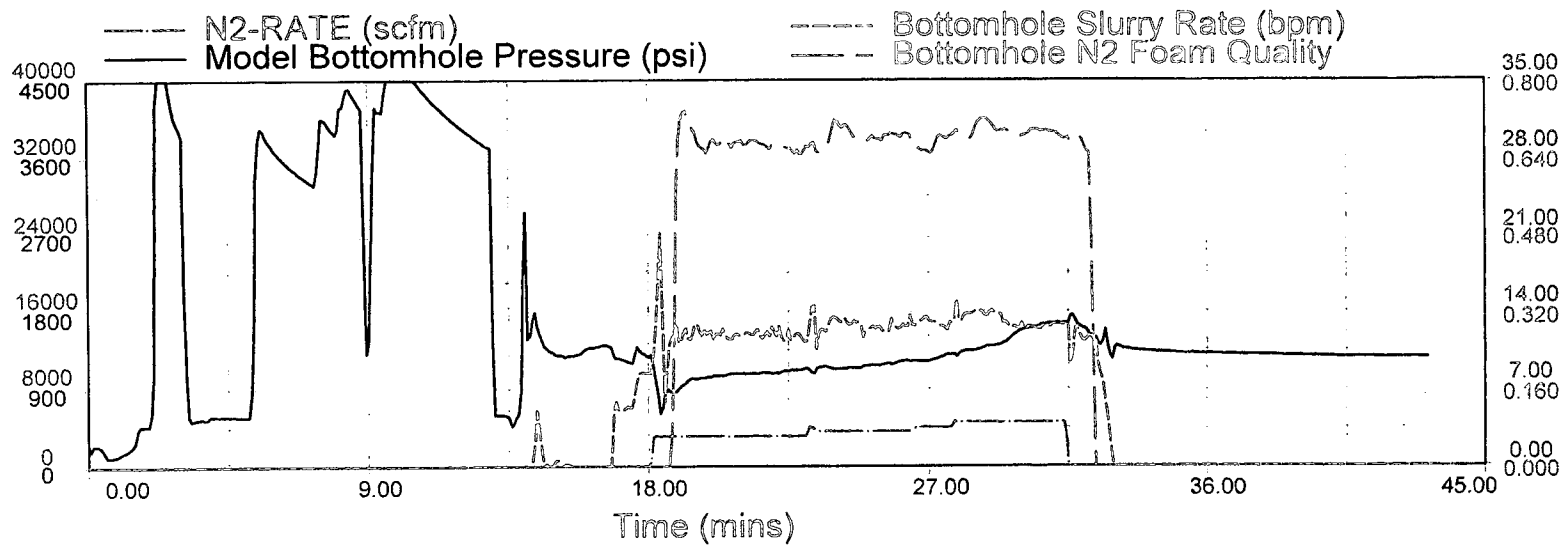
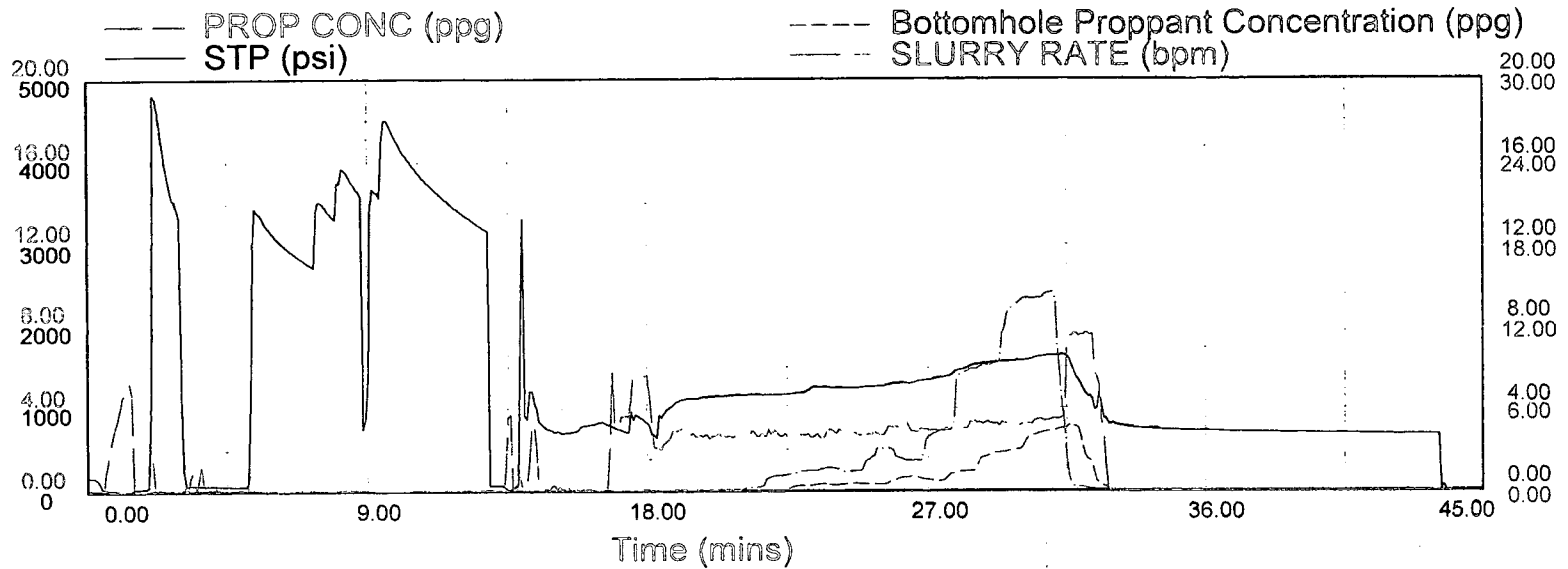
Treater:

TERRY BOWMAN

PRODUCTS USED

CL-57, MAV-100, BREAKER-503L, GB-3, WF-1
MAVCELL F, MAVCIDE II, MAVHIB-3, HCL
71/2%
16/30 BRADY

MILLER #1-34 SEC 4-T34S-R174E



BARTLESVILLE

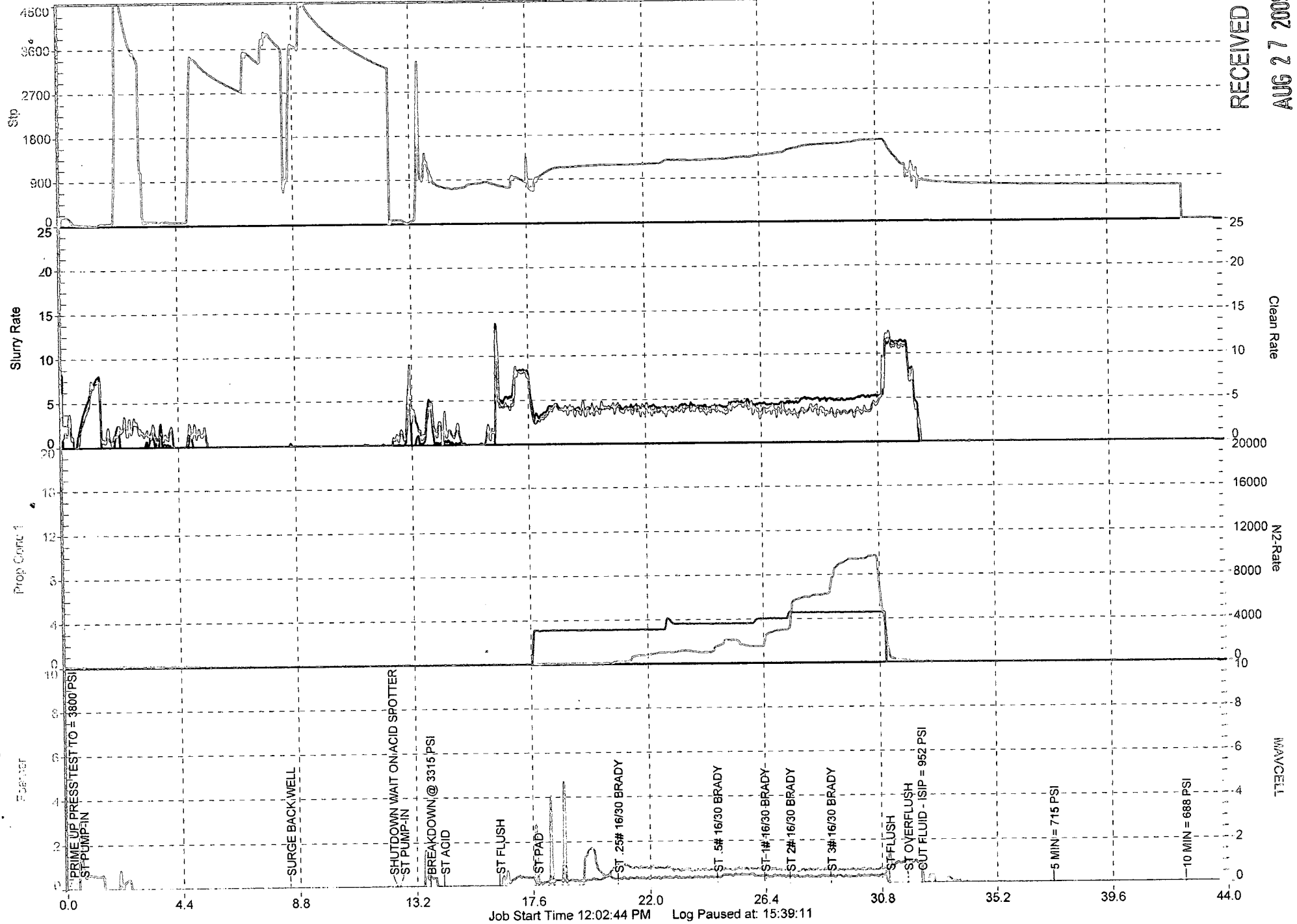
4/30/08

RECEIVED

AUG 27 2009

KCC WICHITA

CEP MID - CONTINENT LLC.
MILLER #1-34 ST #3 - BARTLESVILLE (1318-1322) 16 HOLES - N2 FOAM FRAC



RECEIVED

AUG 27 2009

KCC WICHITA

Well No. Miller #1-34 CEP #70061
 Pod Sunwest
 Date 3/31/2008
 State Kansas
 County Montgomery
 Location NE/4 Sec 34 - T34S - R14E
 Surface Casing 8-5/8" @ 22'
 Production Casing 4-1/2" @ 1552'

Completed

Formation	Open Hole	Net Feet	Stg	Rec CH Perfs	Comments
Riverton	1496'-98'	2.0	1	1495.5'-97'	10# gel, 4100# 20/40, 2600# 12/20 @ 10 bpm on 7/7/06

Completed

Formation	Open Hole	Net Feet	Stg	Rec CH Perfs	Comments
Crowburg	1105'-07'	2.0	2	1105.5'-07', 4 spf	10# gel, 13,400# 30/50, 600# 12/20 @ 18bpm on 11/30/06
Bevier	1089'-90'	1.0		1088'-90', 4spf	
Iron Post	1080'-82'	2.0		1080'-81.5', 4spf	
Mulky Shale	1054'-56'	2.0		1050.5'-56', 2spf	
Summit Shale	1020'-22'	2.0		1018'-24', 2spf	

Set a CIBP @ +/- 1400'

TIH with 2-7/8" frac string and packer. Set packer @ 1250'

Next Stage

Formation	Open Hole	Net Feet	Stg	Rec CH Perfs	Comments
Bartlesville	1325'-38'	13.0	3	1318'-22', 4spf, 16 holes, 120°PH	Foam 5000 # @ 13 bpm

4-30-08

RECEIVED

AUG 27 2009

KCC WICHITA

IngWellNumb	dtmDate	IngGas	IngWTR	IngCSG
70061	7/17/2008	0		
70061	7/16/2008	0		
70061	7/6/2008	0		15
70061	7/5/2008	0		15
70061	7/4/2008	0		15
70061	7/3/2008	0		15
70061	7/2/2008			15
70061	7/1/2008	0		
70061	6/29/2008	0		
70061	6/28/2008	0		
70061	6/26/2008	0		
70061	6/25/2008	0		
70061	6/24/2008	0		15
70061	6/23/2008	0		15
70061	6/22/2008	0		15
70061	6/21/2008	0		15
70061	6/20/2008	0		15
70061	6/19/2008	16		27
70061	6/18/2008	0		15
70061	6/17/2008	0		
70061	6/16/2008	0		
70061	6/15/2008	0		15
70061	6/14/2008	0		15
70061	6/13/2008	0		15
70061	6/12/2008	2		15
70061	6/11/2008	2		15
70061	6/10/2008	2		15
70061	6/9/2008	2		15
70061	6/8/2008	2		15
70061	6/7/2008	2		15
70061	6/6/2008	2		15
70061	6/5/2008	2		15
70061	6/4/2008	2		15
70061	6/3/2008	2		15
70061	6/2/2008	0		15
70061	6/1/2008	2	71	15
70061	5/31/2008	2	71	15
70061	5/30/2008	2	71	15
70061	5/29/2008	0		16
70061	5/28/2008	0		16
70061	5/27/2008	0		16
70061	5/26/2008	0	118	16
70061	5/25/2008	0	118	16
70061	5/24/2008	0	118	16
70061	5/23/2008	0	118	16
70061	5/22/2008	0	121	17

Miller #1-34
current gas
production.

RECEIVED

AUG 27 2009

KCC WICHITA

IngWell_Numb	dtmDate	IngGas	IngWTR	IngCSG
70061	5/21/2008	0	121	17
70061	5/20/2008	0	114	17
70061	5/19/2008	0	114	17
70061	5/18/2008	0	129	125
70061	5/17/2008	0	129	125
70061	5/16/2008	0	129	125
70061	5/15/2008	0	129	125
70061	5/14/2008	0	128	250
70061	5/13/2008	0	86	280
70061	5/12/2008	0	0	310
70061	5/9/2008	0	0	0
70061	5/5/2008	0	0	0
70061	4/30/2008	0	0	0

RECEIVED
AUG 27 2009
KCC WICHITA