



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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 #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

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: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Mid-Con Energy Operating, Inc.
Well Name	Keller 2-16
Doc ID	1123827

All Electric Logs Run

DIL
DNL
XRMI
Micro
Sonic



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mid-Con Energy Operating Inc

16-13s-21w Trego, KS

2431 E. 61st. ST,
Tulsa OK, 74136

Keller 2-16

Job Ticket: 46301

DST#: 1

ATTN: Chris Bean

Test Start: 2012.03.24 @ 09:19:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:57:39

Time Test Ended: 20:15:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Cody Bloedorn

Unit No: 39

Interval: 3873.00 ft (KB) To 3904.00 ft (KB) (TVD)

Reference Elevations: 2219.00 ft (KB)

Total Depth: 3904.00 ft (KB) (TVD)

2209.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8352 Inside

Press @ Run Depth: 19.51 psig @ 3901.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.24

End Date:

2012.03.24

Last Calib.:

2012.03.24

Start Time: 09:19:05

End Time:

20:15:00

Time On Btm:

2012.03.24 @ 13:57:30

Time Off Btm:

2012.03.24 @ 16:56:09

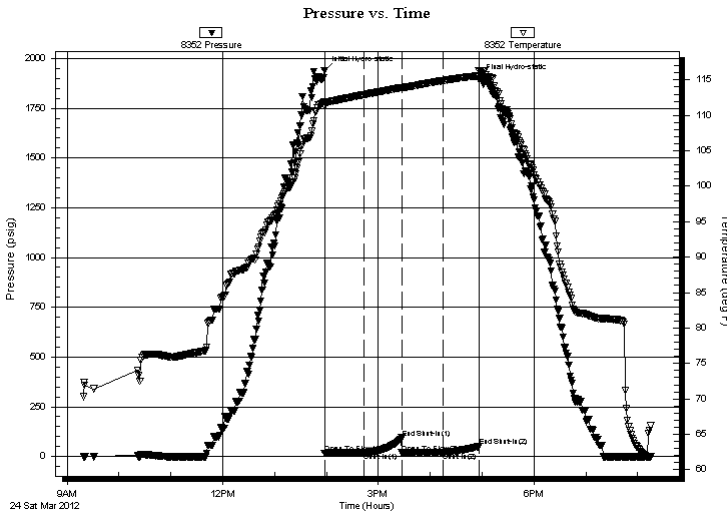
TEST COMMENT: 45 - IF- Surface blow , died in 3 Min.

45 - IS- No blow back

45 - FF- No blow back

45 - FS- No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1939.93	111.97	Initial Hydro-static
1	17.33	111.26	Open To Flow (1)
46	19.21	112.92	Shut-In(1)
90	93.95	113.92	End Shut-In(1)
90	18.34	113.86	Open To Flow (2)
137	19.51	114.91	Shut-In(2)
179	50.18	115.61	End Shut-In(2)
179	1896.79	116.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud - Oil scum in tool	0.02

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mid-Con Energy Operating Inc

16-13s-21w Trego, KS

2431 E. 61st. ST,
Tulsa OK, 74136

Keller 2-16

Job Ticket: 46301

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Reference Elevations: 2219.00 ft (KB)

Total Depth: 3904.00 ft (KB) (TVD)

2209.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8017

Inside

Press @ Run Depth: psig @ 3901.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.24

End Date:

2012.03.24

Last Calib.:

2012.03.24

Start Time: 09:19:05

End Time:

20:15:00

Time On Btm:

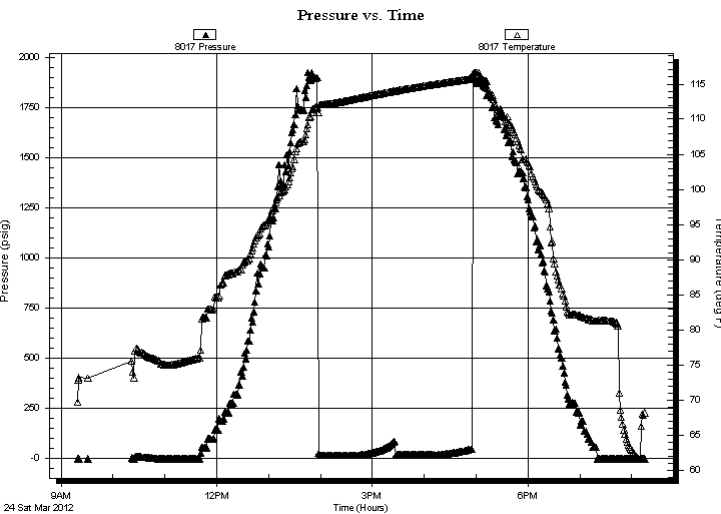
Time Off Btm:

TEST COMMENT: 45 - IF- Surface blow , died in 3 Min.

45 - IS- No blow back

45 - FF- No blow back

45 - FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud - Oil scum in tool	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mid-Con Energy Operating Inc

16-13s-21w Trego, KS

2431 E. 61st. ST,
Tulsa OK, 74136

Keller 2-16

Job Ticket: 46301

DST#: 1

ATTN: Chris Bean

Test Start: 2012.03.24 @ 09:19:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud - Oil scum in tool	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8352

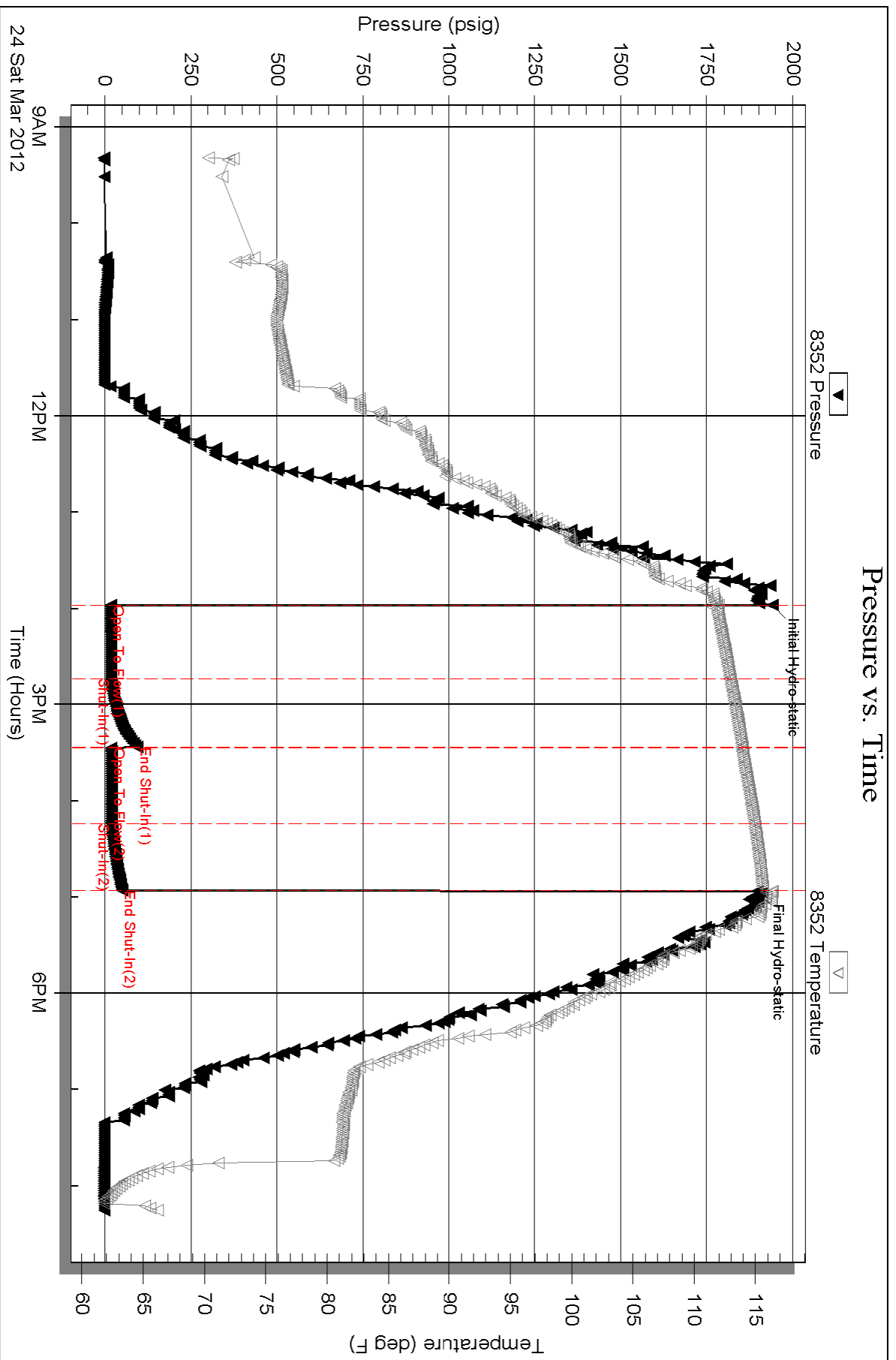
Inside

Md-Con Energy Operating Inc

Keller 2-16

DST Test Number: 1

Pressure vs. Time



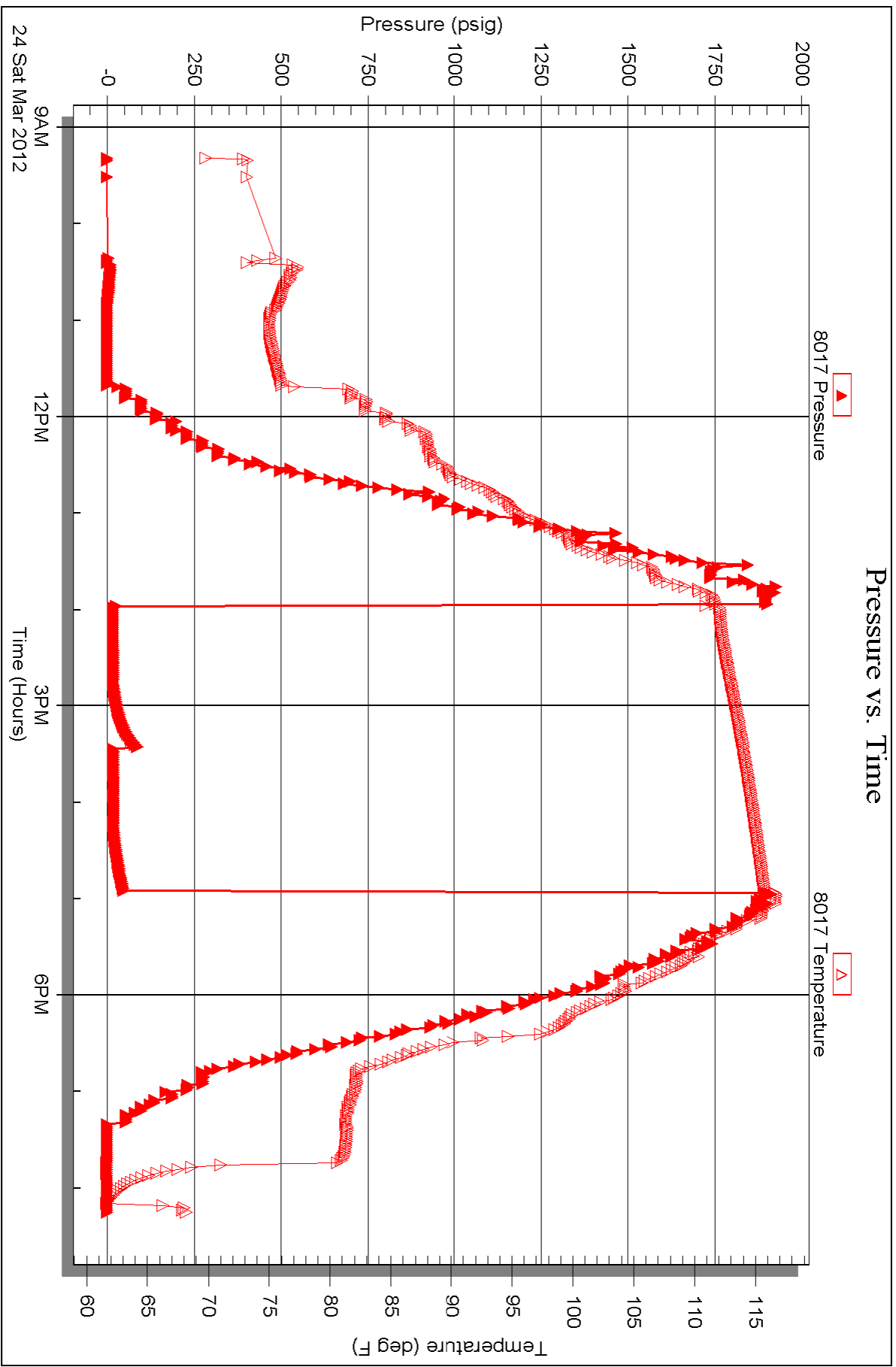
Serial #: 8017

Inside

Md-Con Energy Operating Inc

Keller 2-16

DST Test Number: 1



ALLIED CEMENTING CO., LLC. 034633

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL KANSAS 67665

SERVICE POINT:
RUSSELL

DATE <u>3-26-12</u>	SEC <u>06</u>	TWP <u>13</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION <u>1 AM</u>	JOB START <u>11:30</u>	JOB FINISH <u>12 PM</u>
LEASE <u>Keller</u>	WELL# <u>216</u>	LOCATION <u>R10A Rd & I70 SOUTH TO R10</u>			COUNTY <u>TREBO</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>Y2 west South into</u>				

CONTRACTOR Bredco #2

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D.

CASING SIZE 8 7/8 DEPTH 780

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT AMOUNT ORDERED 180 SK @ 40 49 6cc

1/4# FLO-SEAL PARTS

EQUIPMENT

PUMP TRUCK CEMENTER Bob

409 HELPER TONY

BULK TRUCK DRIVER RON

410 DRIVER

COMMON 108 @ 16.25 1755.00

POZMIX 72 @ 8.50 612.00

GEL 7 @ 21.25 148.75

CHLORIDE @

ASC @

FLO-SEAL 50 # @ 2.70 135.00

HANDLING 189 @ 2.25 425.25

MILEAGE 48 x 189 x .11 997.92

TOTAL 4073.92

REMARKS:

PLUG 1 - 1630 FT = 25 SK

PLUG 2 - 850 FT = 100 SK

PLUG 3 - 40 FT = 10 SK

RAT - 30 SK

MOUSE - 15 SK

SERVICE

DEPTH OF JOB 1630

PUMP TRUCK CHARGE 1250.00

EXTRA FOOTAGE @

MILEAGE 48 @ 7.00 336.00

MANIFOLD @

Ldv m. 48 @ 4.00 192.00

WTTM 7 @ 300.00 2100.00

5 AM TO 12 PM PER HOUR

TOTAL 1778.00

3878.00

CHARGE TO: midcon Energy Opn

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

8 7/8 wooden plug @ 64.00

TOTAL 64.00

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment 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) 545.08

TOTAL CHARGES 5915.92 8015.92

DISCOUNT 20/10 2366.14 IF PAID IN 30 DAYS

PRINTED NAME Scott Baker

SIGNATURE [Signature]



CEMENTING LOG

STAGE NO. _____

Date 3-26-12 District RUSSELL Ticket No. 34633
 Company MIDCON Rig Bredco#2
 Lease KELLER Well No. 2-16
 County TREBO State KS
 Location RIOA Rd & I 70 Field _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type _____ Weight _____ Collar _____

LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. 180 Skys Yield 142 ft³/sk Density 141 PPG

Casing Depths: Top 0 Bottom 780

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Drill Pipe: Size 4 1/2 Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Pump Trucks Used 409
 Bulk Equip. 410

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .044 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. .0406 Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. .01422 Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG _____
 Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE _____

CEMENTER Bob Smith

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						ON LOCATION -
						RIG UP
						RIG LAYING DP DOWN
						P1
						PUMP CMT
						PUMP DISP
						RIG PULL DP
						P2
						PUMP CMT
						PUMP DISP
						RIG PULL DP
						P3
						PUMP CMT
						RAT HOLE
						MOUSE HOLE
						RIG DOWN

ALLIED OIL & GAS SERVICES, LLC 056360

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell

DATE <u>3-19-2022</u>	SEC. <u>16</u>	TWP. <u>13S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION	JOB START <u>10:00 AM</u>	JOB FINISH <u>10:30 AM</u>
LEASE <u>Keller</u>	WELL # <u>2-16</u>	LOCATION <u>Riga Exit S to RD "0" 2W</u>				COUNTY <u>Trego</u>	STATE <u>KANSAS</u>
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR Bredow DALL, Rig #22

TYPE OF JOB Long Surface

HOLE SIZE 12 1/4 T.D. 801

CASING SIZE 8 5/8 DEPTH 800

TUBING SIZE DEPTH

DRILL PIRE DEPTH

TOOL AFU Insert DEPTH 958'

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 42'

CEMENT LEFT IN CSG. 42'

PERFS.

DISPLACEMENT 800' TOTAL @ 49.54 BBL

EQUIPMENT

PUMP TRUCK CEMENTER GILMAN G.

417 HELPER ROBERT Y.

BULK TRUCK

481 DRIVER RON R.

BULK TRUCK

DRIVER

OWNER

CEMENT AMOUNT ORDERED 400 SX Comm 1/4 # F10-Seal PAR SX

37000

2% GEL

COMMON 400 SX @ 16.25 6500.00

POZMIX @

GEL 8 SX @ 21.25 170.00

CHLORIDE 12 SX @ 58.20 698.40

ASC @

F10-Seal 100 LBS @ 2.70 270.00

HANDLING 420 TOTAL SX @ 2.25 945.00

MILEAGE 53 Ton Mile @ 11¢ 2448.60

~~882.00~~ 11032.00 TOTAL

REMARKS:

Ran 19 New Jt's of 8 5/8 24 #sg.

Set @ 800 Reverse Circulation.

+ Cement w/ 400 SX Comm 3 1/2, Release.

Solid Rubber Plug, + Displace 49.54 BBL

H₂O, Land @ 1,000 #. Release #.

+ FLOAT Held.

Cement did Circulate

TO Surface. THANKS

SERVICE

DEPTH OF JOB 800'

PUMP TRUCK CHARGE 1125.00

EXTRA FOOTAGE 500' @ 95¢ 475.00

MILEAGE 53 HV MI @ 7.00 371.00

MANIFOLD @

53 LV MI @ 4.00 212.00

2183.00 TOTAL

CHARGE TO: MID-CON ENERGY Operating

STREET 2431 E. 61st Suite 1850

CITY Tulsa STATE OK ZIP 74136

PLUG & FLOAT EQUIPMENT

IR- 8 5/8 Solid Rubber @ 79.00

Aug. @

1- 8 5/8 AFU Insert @ 267.00

1- Guide Shoe @ 276.00

346.00

622.00 TOTAL

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment ^{Weather} 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.

PRINTED NAME Ryan Logsdon

SIGNATURE [Signature]

#9027.55

Bid Price

W/O TAX (NR)



CEMENTING LOG

STAGE NO.

Date 3-19-12 District Russell Ticket No. 56320
 Company Mid-Con Energy Rig Bredco #2
 Lease Keller Well No. 2-16
 County Trego State KANSAS
 Location Riga SW 23S 24W Field 16 13 21

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type New Weight 24 Collar _____

Casing Depths: Top _____ Bottom 800'
820' Total Pipe
Shoe JT 42'

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.0637 Lin. ft./Bbl. 15.702
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. 400 Sks Yield 1.36 ft³/sk Density 14.75 PPG
 WATER: Lead 6.50 gals/sk Tail 2600 gals/sk Total 61.90 Bbls.

Pump Trucks Used 417
 Bulk Equip. 481

Float Equip: Manufacturer Wentertford
 Shoe: Type Cement Nose Depth 800'
 Float: Type Afu Depth 758
 Centralizers: Quantity _____ Plugs Top SLD RUBBER
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type FRESH H₂O Amt. 49 1/2 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER [Signature]

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						<p>Ran 19 New JTs of 8 5/8 24# CSG. Set @ 800', Received CIRCULATION DROP AFU INSERT BALL, Pump TO Bottom Pressured TO 250#, CIRCULATE 15 minutes of Cement w/ 400 SK Comm. 3 & 2 w/ 1/4# FIO-Seal Per SKA Release Rubber wiper plug & displace 49 1/2 BBL FRESH H₂O L&D @ 1,000# Release H & FLOAT - (HELD). Cement DID CIRCULATE TO SURFACE</p>
						<p>10:30 am</p>