

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1127299

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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
- ☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer
- ☐ Commingled Permit #: _____
- ☐ Dual Completion Permit #: _____
- ☐ SWD Permit #: _____
- ☐ ENHR Permit #: _____
- ☐ GSW Permit #: _____

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

☐ Confidentiality Requested

Date: _____

☐ Confidential Release Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____



1127299

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets)	☐ Yes ☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☐ No	Name	Top	Datum
Cores Taken	☐ Yes ☐ No			
Electric Log Run	☐ Yes ☐ No			
List All E. Logs Run:				

CASING RECORD ☐ New ☐ 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
____ Perforate				
____ Protect Casing				
____ Plug Back TD				
____ Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No (If No, skip questions 2 and 3)

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 3)

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No (If No, fill out Page Three of the ACO-1)

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: ☐ Yes ☐ No
Date of First, Resumed Production, SWD or ENHR.	Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled (Submit ACO-5) ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
--	---	--

Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Beisel 3
Doc ID	1127299

Tops

Name	Top	Datum
Anhydrite	672	+1126
Tarkio Lime	2314	-516
Topeka	2586	-788
Heebner	2827	-1029
Toronto	2845	-1047
Lansing	2912	-1114
Base Kansas City	3205	-1407
Arbuckle	3292	-1494

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

March 25, 2013

Allen Bangert
Mai Oil Operations, Inc.
8411 PRESTON RD STE 800
DALLAS, TX 75225-5520

Re: ACO1
API 15-167-23853-00-00
Beisel 3
NW/4 Sec.15-14S-12W
Russell County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Allen Bangert

JAMES C. MUSGROVE

Petroleum Geologist
212 Main Street
P.O. Box 215
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Mai Oil Operations
Beisel #3
SE-NE-SE-NW (1800' FNL & 2410' FWL)
Section 15-14s-12w
Russell County, Kansas
Page 1

Dry and Abandoned

Contractor: Southwind Drilling Co. (Rig #3)
Commenced: February 4, 2013
Completed: February 10, 2013
Elevation: 1798' K.B; 1796' D.F; 1790' G.L.
Casing program: Surface; 8 5/8" @ 389'
Production; none.
Sample: Samples saved and examined 2200' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2200 ft. to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were four (4) Drill Stem Tests ran by Trilobite Testing Co.
Electric Log: None.

<u>Formation</u>	<u>Sample Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	672	+1126
Base Anhydrite	702	+1096
Grand Haven	2236	-438
1 st Tarkio Sand	2244	-446
Dover	2261	-463
2 nd Tarkio Sand	2264	-466
Tarkio Lime	2314	-516
Elmont	2373	-575
Topeka	2586	-788
Heebner	2827	-1029
Toronto	2845	-1047
Lansing	2912	-1114
Base Kansas City	3205	-1407
Conglomerate Chert	3266	-1468
Arbuckle	3292	-1494
Rotary Total Depth	3301	-1503

(All tops and zones determination made from correlation of drilling time log and sample analysis).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.**1ST TARKIO SAND SECTION**

2244-2252' Sand; gray, white, very fine grained, silty, poorly developed, no shows.

Drill Stem Test #1 **2238-2310'**

Pressures:	ISIP	645	psi
	FSIP	674	psi
	IFP	18-20	psi
	FFP	17-25	psi
	HSH	1102-1017	psi

TORONTO SECTION

LANSING SECTION

Drill Stem Test #2 2914-2964'

Pressures: ISIP 725 psi
FSIP 717 psi
IFP 23-62 psi
FFP 68-112 psi
HSH 1491-1414 psi

2995-3002' Limestone; white, tan, finely crystalline, few oolitic, chalky, scattered porosity, trace stain, no free oil and no odor.

3012-3032' Limestone; white, cream, oomoldic, fair to good oomoldic porosity, chalky, weak show of free oil and faint odor in fresh samples.

3066-3072' Limestone; white, gray, finely crystalline, oolitic, chalky, poor porosity, poor stain, no free oil and no odor.

3084-3090' Limestone; as above, oolitic, poor stain, poor visible porosity, no free oil and no odor in fresh samples.

3098-3112' Limestone; cream, white, finely crystalline, fossiliferous, few oomoldic, poor stain, trace of free oil and no odor in fresh samples.

3147-3154' Limestone; white, gray, cream, finely crystalline, fossiliferous, chalky, poor edge staining, no free oil and no odor in fresh samples.

Drill Stem Test #3 **3050-3155'**

Times: 30-30-45-45

Blow: Strong

Recovery: 90' gas in pipe
30' mud

Pressures: ISIP 599 psi
 FSIP 619 psi
 IFP 25-31 psi
 FFP 37-38 psi
 HSH 1572-1502 psi

3170-3176' Limestone; white, fossiliferous, chalky, poor porosity, plus white chalk.

3190-3196' Limestone; white, gray, granular, chalky, trace gray and amber chert.

MARMATON SECTION

3212-3223' Limestone; white, maroon, yellow tinted, natural, chalky, no shows.

CONGLOMERATE SECTION

3251-3258' Varied colored chert; trace gray, sub rounded, friable, sand, no shows.

CONGLOMERATE CHERT SECTION

3266-3291' Varied colored oolitic, opaque and boney chert, plus iron pyrite, no shows.

ARBUCKLE SECTION

3292-3296' Dolomite; white, cream, finely crystalline, trace poor stain, weak show of free oil and no odor in fresh samples.

Drill Stem Test #4 **3220-3296'**

Times: 30-30-45-45

Blow: Weak

Recovery: 35' very slightly oil cut mud
(2% oil, 98% mud)

Pressures: ISIP 558 psi
FSIP 519 psi
IFP 20-78 psi
FFP 29-36 psi
HSH 1609-1595 psi

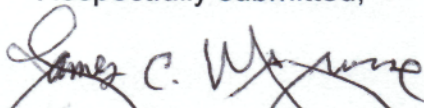
3296-3301' Dolomite; white, cream, finely crystalline, poor porosity, no shows.

Rotary Total Depth 3301

Recommendations:

The Beisel #3 was plugged and abandoned at the Rotary Total Depth 3301 (-1503).

Respectfully submitted;


James C. Musgrove,
Petroleum Geologist





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

15-14s-12w Russell,KS

8411 Preston Rd STE 800
Dallas TX 75225

Beisel #3

Job Ticket: 50271

DST#: 1

ATTN: Jim Musgrove

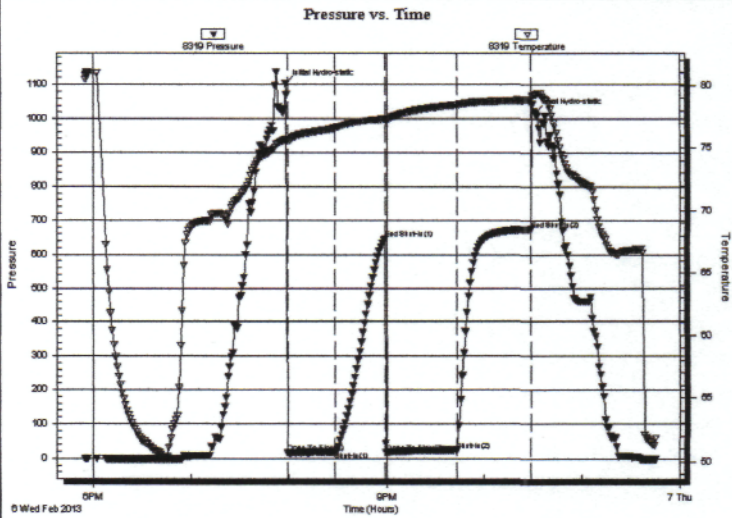
Test Start: 2013.02.06 @ 17:55:00

GENERAL INFORMATION:

Formation: **Tarkio**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 19:59:30
Time Test Ended: 23:46:00
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Brett Dickinson**
Unit No: **59**
Interval: **2238.00 ft (KB) To 2310.00 ft (KB) (TVD)**
Total Depth: **2310.00 ft (KB) (TVD)**
Reference Elevations: **1798.00 ft (KB)**
1790.00 ft (CF)
Hole Diameter: **7.88 inches**Hole Condition: **Fair**
KB to GRVCF: **8.00 ft**

Serial #: **8319** Inside
Press@RunDepth: **25.17 psig @ 2239.00 ft (KB)**
Capacity: **8000.00 psig**
Start Date: **2013.02.06** End Date: **2013.02.06** Last Calib.: **2013.02.06**
Start Time: **17:55:05** End Time: **23:45:59** Time On Btm: **2013.02.06 @ 19:58:00**
Time Off Btm: **2013.02.06 @ 22:31:00**

TEST COMMENT: IF-BOB in 27
ISI-No blow
FF-BOB Immediately
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1102.00	75.61	Initial Hydro-static
2	18.29	75.48	Open To Flow (1)
31	20.40	76.54	Shut-In(1)
61	645.13	77.33	End Shut-In(1)
62	16.62	77.21	Open To Flow (2)
106	25.17	78.46	Shut-In(2)
151	674.01	78.85	End Shut-In(2)
153	1017.16	79.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud	0.15

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

15-14s-12w Russell,KS

8411 Preston Rd STE 800
Dallas TX 75225

Beisel #3

Job Ticket: 50272

DST#: 2

ATTN: Jim Musgrove

Test Start: 2013.02.08 @ 01:58:00

GENERAL INFORMATION:

Formation: KC"A-C"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:53:30

Time Test Ended: 08:32:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 2914.00 ft (KB) To 2964.00 ft (KB) (TVD)

Total Depth: 2964.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1798.00 ft (KB)

1790.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8319

Inside

Press@RunDepth: 111.89 psig @ 2915.00 ft (KB)

Start Date: 2013.02.08

End Date:

2013.02.08

Start Time: 01:58:05

End Time:

08:32:29

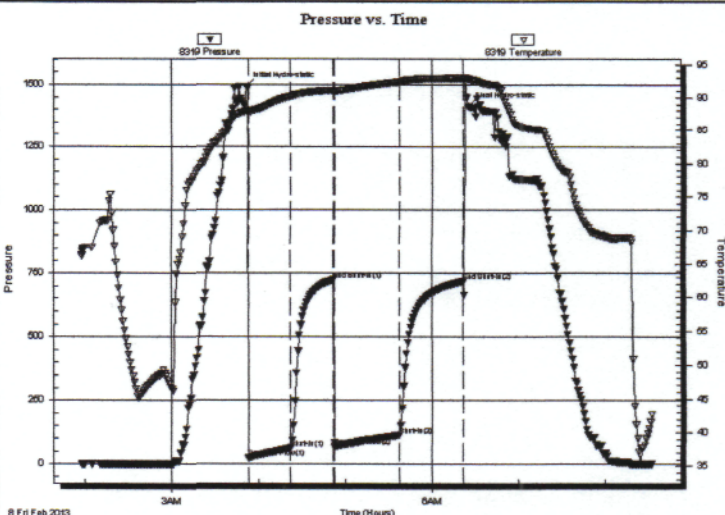
Capacity: 8000.00 psig

Last Calib.: 2013.02.08

Time On Btm: 2013.02.08 @ 03:51:30

Time Off Btm: 2013.02.08 @ 06:25:30

TEST COMMENT: IF-BOB in 3 min
ISI-No blow
FF-BOB in 15 min
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1491.08	87.89	Initial Hydro-static
2	23.33	87.75	Open To Flow (1)
31	61.72	90.15	Shut-In(1)
61	724.59	91.10	End Shut-In(1)
62	67.60	90.96	Open To Flow (2)
106	111.89	92.37	Shut-In(2)
151	716.98	92.94	End Shut-In(2)
154	1413.71	92.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Mud	0.98
60.00	MCW 60%W 40%M	0.84
70.00	SMCW%M 85%W 15	0.98
0.00	240ft GIP	0.00

* Recovery from multiple tests

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 50272

Printed: 2013.02.18 @ 14:06:52



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

15-14s-12w Russell,KS

8411 Preston Rd STE 800
Dallas TX 75225

Beisel #3

Job Ticket: 50273

DST#: 3

ATTN: Jim Musgrove

Test Start: 2013.02.09 @ 00:15:00

GENERAL INFORMATION:

Formation: **KC**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 01:54:00

Time Test Ended: 06:09:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: **3050.00 ft (KB) To 3155.00 ft (KB) (TVD)**

Total Depth: 3155.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1798.00 ft (KB)

1790.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8319

Inside

Press@RunDepth: 38.37 psig @ 3051.00 ft (KB)

Start Date: 2013.02.09

End Date:

2013.02.09

Start Time: 00:15:05

End Time:

06:08:59

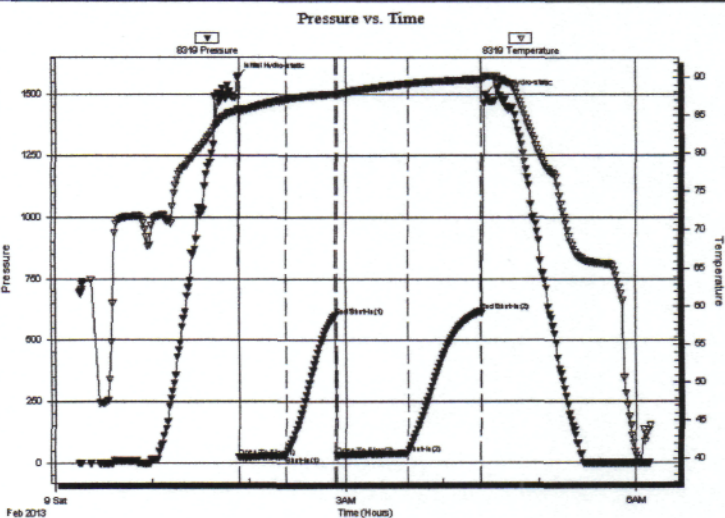
Capacity: 8000.00 psig

Last Calib.: 2013.02.09

Time On Btm: 2013.02.09 @ 01:52:30

Time Off Btm: 2013.02.09 @ 04:26:30

TEST COMMENT: IF-BOB in 20 min
ISI-No blow
FF-BOB Immediately
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1571.50	85.79	Initial Hydro-static
2	25.28	85.61	Open To Flow (1)
31	30.53	87.13	Shut-In(1)
61	599.16	87.84	End Shut-In(1)
62	32.05	87.74	Open To Flow (2)
106	38.37	89.17	Shut-In(2)
152	618.54	89.80	End Shut-In(2)
154	1501.88	90.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud	0.42
0.00	90ft GIP	0.00

* Recovery from multiple tests

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 50273

Printed: 2013.02.18 @ 14:03:46



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

15-14s-12w Russell,KS

8411 Preston Rd STE 800
Dallas TX 75225

Beisel #3

Job Ticket: 50274

DST#: 4

ATTN: Jim Musgrove

Test Start: 2013.02.09 @ 22:40:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:12:30

Time Test Ended: 04:25:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: **3220.00 ft (KB) To 3296.00 ft (KB) (TVD)**

Total Depth: 3296.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1798.00 ft (KB)

1790.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8319

Inside

Press@RunDepth: 36.09 psig @ 3221.00 ft (KB)

Start Date: 2013.02.09

End Date:

2013.02.10

Start Time: 22:40:05

End Time:

04:24:59

Capacity: 8000.00 psig

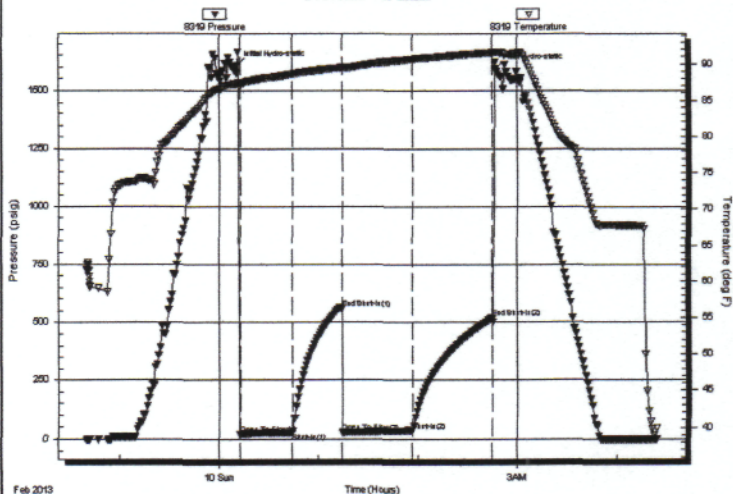
Last Calib.: 2013.02.10

Time On Btm: 2013.02.10 @ 00:11:00

Time Off Btm: 2013.02.10 @ 02:47:00

TEST COMMENT: IF-3" blow
ISI-No blow
FF-2" blow
FSI-No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1608.54	87.31	Initial Hydro-static
2	20.43	87.07	Open To Flow (1)
33	27.51	88.56	Shut-In(1)
63	558.45	89.46	End Shut-In(1)
64	29.00	89.35	Open To Flow (2)
106	36.09	90.63	Shut-In(2)
154	518.57	91.50	End Shut-In(2)
156	1595.38	91.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	VSOCM 2%O 98%M	0.49

* Recovery from multiple tests

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 50274

Printed: 2013.02.18 @ 14:02:10

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 6408

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
2-4-13	15	14	12	RUSSELL	KANSAS		9:30 pm

Location BLINKERHILL 2E-15-14E-5/INTO

Lease BETSEL	Well No. #3	Owner MAT OIL OPERATIONS
Contractor S.W.D #3		To Quality Oilwell Cementing, Inc.
Type Job SURFACE		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 12 1/4"	T.D. 389'	Charge To MAT OIL OPERATIONS
Csg. 8 5/8"	Depth 389'	Street 8411 PRESTON RD - STE. 800
Tbg. Size	Depth	City DALLAS State TX, 75205
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg.	Shoe Joint 15'	Cement Amount Ordered 200 40.00% 300 2% GEL
Meas Line	Displace 23 3/4 BBLs	

EQUIPMENT

Pumptrk #15	No. Cementer	Common 120
	Helper NICK	Poz. Mix 80
Bulktrk #8	No. Driver	Gel. 4
	Driver CLAYTON	Calclum 8
Bulktrk #4	No. Driver	
	Driver CISCO	

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling 2/2
CEMENT DID CIRCULATE!	Mileage

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	1- 8 3/8 WOODEN PLUG
	Pumptrk Charge Surface
	Mileage 14

THANK YOU!

X Signature Guy Shier

Tax
Discount
Total Charge

ALLIED OIL & GAS SERVICES, LLC 056866

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell, KS

DATE <u>2-10-13</u>	SEC. <u>15</u>	TWP. <u>14</u>	RANGE <u>12</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Baker</u>	WELL # <u>3</u>	LOCATION <u>Baker H. 11 2 E 13 1 1/2 E</u>			COUNTY <u>Russell</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>5.10</u>					

CONTRACTOR Southwind "S"

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 3308

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 16.6 DEPTH 3276

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT
AMOUNT ORDERED 195 @ 9/40 42 gal 1 1/2

COMMON	<u>117</u>	@	<u>17.90</u>	<u>2094.30</u>
POZMIX	<u>78</u>	@	<u>9.35</u>	<u>729.30</u>
GEL	<u>7</u>	@	<u>23.40</u>	<u>163.80</u>
CHLORIDE		@		
ASC		@		
<u>510</u>	<u>2</u>	@	<u>2.97</u>	<u>148.50</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>210</u>	@	<u>2.48</u>	<u>520.80</u>
MILEAGE	<u>105.12</u>	<u>4/m</u>	<u>2.60</u>	<u>273.31</u>
TOTAL				<u>3930.01</u>

EQUIPMENT

PUMP TRUCK CEMENTER Glenn G

417 HELPER Woody O

BULK TRUCK

481 DRIVER Joe G

BULK TRUCK

DRIVER

REMARKS:

10.1 @ 3276

25.1 @ 700

80.1 @ 440

10.1 @ 40

30.1 @ Rot

SERVICE

DEPTH OF JOB 3276

PUMP TRUCK CHARGE 2600.47

EXTRA FOOTAGE @

MILEAGE 12 HVMT @ 7.70 92.40

MANIFOLD @

12 LVMT @ 4.40 52.80

TOTAL 2745.61

CHARGE TO: Mar. Oil

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

Winston plug @ 107.61 107.61

@

@

@

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment