

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1148764

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: _____



1148764

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: _____ _____
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Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Kennedy-Dobkins Unit 1
Doc ID	1148764

Tops

Name	Top	Datum
Anhydrite	848	+1026
Topeka	2809	-935
Heebner	3043	-1169
Toronto	3054	-1180
Brown Lime	3106	-1232
Lansing	3116	-1242
Base Kansas City	3333	-1459
Rew Arbuckle	3381	-1507
Arbuckle	3396	-1522

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

June 19, 2013

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

Re: ACO1
API 15-009-25816-00-00
Kennedy-Dobkins Unit 1
SW/4 Sec.20-17S-14W
Barton 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
Kennedy-Dopkins Unit #1
820' FSL & 2365' FWL
SE-NE-SE-SW
Section 20-17s-14w
Barton County, Kansas
Page 1

Dry and Abandoned

Contractor: Southwind Drilling Co. (Rig #3)

Commenced: April 1, 2013

Completed: April 7, 2013

Elevation: 1874' K.B; 1872' D.F; 1866' G.L.

Casing program: Surface; 8 5/8" @ 851'
Production; none.

Sample: Samples saved and examined 2800' to the Rotary Total Depth.

Drilling time: One (1) foot drilling time recorded and kept 2800 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: By Nabors; Dual Induction, Compensated Density/Neutron Log and Micro Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	848	+1026
Base Anhydrite	875	+999
Topeka	2809	-935
Heebner	3043	-1169
Toronto	3054	-1180
Brown Lime	3106	-1232
Lansing	3116	-1242
Base Kansas City	3333	-1459
Conglomerate	3340	-1466
Reworked Arbuckle	3381	-1507
Arbuckle	3396	-1522
Rotary Total Depth	3465	-1591
Log Total Depth	3463	-1589

(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

- 2961-2971' Limestone; gray, chalky, fossiliferous, light brown stain, weak show of free oil and no odor in fresh samples.
- 2986-2996' Limestone; gray, finely crystalline, fossiliferous, trace light brown stain, no free oil and no odor in fresh samples.

TORONTO SECTION

- 3054-3064' Limestone; tan/cream, finely crystalline, poor visible porosity, light brown stain, no free oil and no odor in fresh samples.

LANSING SECTION

- 3116-3124' Limestone; tan, finely crystalline, dense, poor porosity, trace light brown stain, no free oil and no odor.
- 3128-3140' Limestone; tan, brown, finely crystalline, oomoldic, fair oomoldic porosity, golden brown stain, weak show of free oil and fair odor in fresh samples.

Drill Stem Test #1 3114-3145'

Times: 30-30-30-30

Blow: Weak

Recovery: 90' muddy water

Pressures: ISIP 395 psi
FSIP 387 psi
IFP 15-35 psi
FFP 36-51 psi
HSH 1507-1465 psi

- 3178-3184' Limestone; tan, finely crystalline, sub oomoldic, poor visible porosity, light brown stain, no free oil and no odor.
- 3191-3196' Limestone; tan, finely crystalline, oolitic, scattered vuggy type porosity, light brown stain show of free oil and faint odor in fresh samples.
- 3199-3220' Limestone; tan, finely crystalline, fossiliferous, oomoldic, good oomoldic porosity, light brown stain, weak show of free oil and fair odor in fresh samples.
- 326-3280' Limestone; tan, cream, finely crystalline, fossiliferous, light brown stain, poor porosity, no shows.
- 3285-3295' Limestone; tan, finely crystalline, slightly oolitic, poor to fair porosity, no shows, light brown stain, no free oil and faint odor in fresh samples.

Drill Stem Test #2 3270-3334'

Times: 30-30-45-45

Blow: Strong (BOB 10 minutes)
815' gas in pipe

Recovery: 50' gassy oil
80' oil and gas cut mud
(5% gas, 20% oil, 75% mud)

Pressures: ISIP 611 psi
FSIP 474 psi
IFP 35-55 psi
FFP 57-80 psi
HSH 1655-1620 psi

CONGLOMERATE SECTION

3340-3381' Varied colored oolitic, boney chert, in matrix of varied colored shale.

Drill Stem Test #3 3356-3378'

Times: 30-30-30-30

Blow: Weak

Recovery: 2' oil spotted mud

Pressures: ISIP 71 psi
FSIP 42 psi
IFP 13-16 psi
FFP 16-16 psi
HSH 1627-1009 psi

REWORKED ARBUCKLE SECTION

3378-3391' Trace dolomite; white, finely crystalline, secondary quartz infill, cherty, trace stain, weak show of free oil and fair odor.

ARBUCKLE SECTION

3391-3405' Dolomite; white, finely crystalline, poorly developed intercrystalline porosity, light brown stain, weak show of free oil and faint odor in fresh samples.

Drill Stem Test #4 **3361-3405'**

Times: 30-30-30-30

Blow: Strong (OBB 19 minutes)

Recovery: 15' mud
125' thin watery mud
(15% water, 85% mud)
185' muddy water

Pressures: ISIP 1127 psi
FSIP 1123 psi
IFP 69-97 psi
FFP 98-168 psi
HSH 1688-1638 psi

3405-3420' Dolomite; white, tan, finely crystalline, few medium crystalline poorly developed porosity, light stain, no free oil and no odor in fresh samples.

3420-3440' Dolomite; as above, no shows.

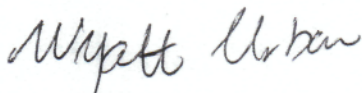
3440-3465' Dolomite; white, gray, finely crystalline, poorly developed intercrystalline porosity, no shows.

Rotary Total Depth 3465 (-1591)
Log Total Depth 3463 (-1589)

Recommendations:

The Kennedy-Dopkins Unit #1 was plugged and abandoned at the Rotary Total Depth 3465.

Respectfully submitted;



Wyatt Urban,
Petroleum Geologist



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Co
8411 Pretston RD STE 800
Dallas TX 75225
ATTN: Wyatt Urban

Kennedy-Dobkins Unit #1
20-17s-14w Barton,KS
Job Ticket: 52045 DST#: 1
Test Start: 2013.04.04 @ 17:30:00

GENERAL INFORMATION:

Formation: KC "A-B"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:23:18
Time Test Ended: 22:36:17

Test Type: Conventional Bottom Hole (Initial)
Tester: Brett Dickinson
Unit No: 59

Interval: 3114.00 ft (KB) To 3145.00 ft (KB) (TVD)
Total Depth: 3145.00 ft (KB) (TVD)
Hole Diameter: 7.88 inchesHole Condition: Fair

Reference Elevations: 1874.00 ft (KB)
1866.00 ft (CF)
KB to GR/CF: 8.00 ft

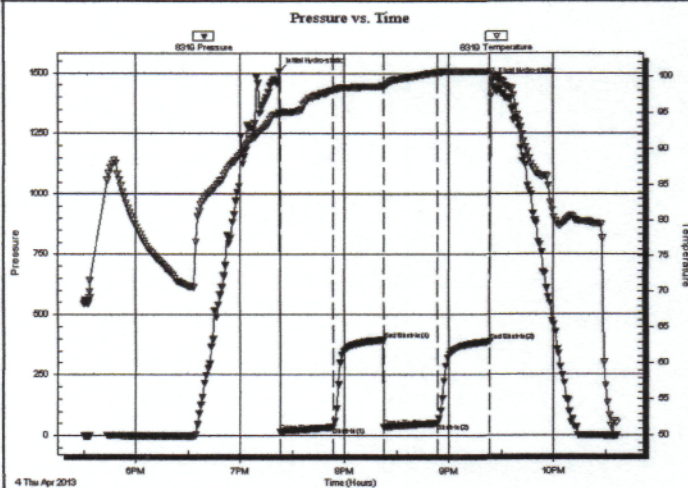
Serial #: 8319

Inside

Press@RunDepth: 50.96 psig @ 3117.00 ft (KB)
Start Date: 2013.04.04 End Date: 2013.04.04
Start Time: 17:30:05 End Time: 22:36:18

Capacity: 8000.00 psig
Last Calib.: 2013.04.04
Time On Btm: 2013.04.04 @ 19:22:18
Time Off Btm: 2013.04.04 @ 21:24:48

TEST COMMENT: IF-4" blow
ISI-No blow
FF-2" blow
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1506.73	95.04	Initial Hydro-static
1	15.17	94.90	Open To Flow (1)
31	34.79	98.06	Shut-In(1)
60	394.79	98.61	End Shut-In(1)
61	36.31	98.56	Open To Flow (2)
91	50.96	100.51	Shut-In(2)
121	387.13	100.66	End Shut-In(2)
123	1464.70	100.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	MCW 20%M 80%w	1.26

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Co
8411 Pretston RD STE 800
Dallas TX 75225
ATTN: Wyatt Urban

Kennedy-Dobkins Unit #1
20-17s-14w Barton, KS
Job Ticket: 52046 DST#: 2
Test Start: 2013.04.05 @ 13:35:00

GENERAL INFORMATION:

Formation: KC
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:50:00
Time Test Ended: 18:50:30

Test Type: Conventional Bottom Hole (Reset)
Tester: Brett Dickinson
Unit No: 59

Interval: 3270.00 ft (KB) To 3334.00 ft (KB) (TVD)
Total Depth: 3334.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1874.00 ft (KB)
1866.00 ft (CF)
KB to GR/CF: 8.00 ft

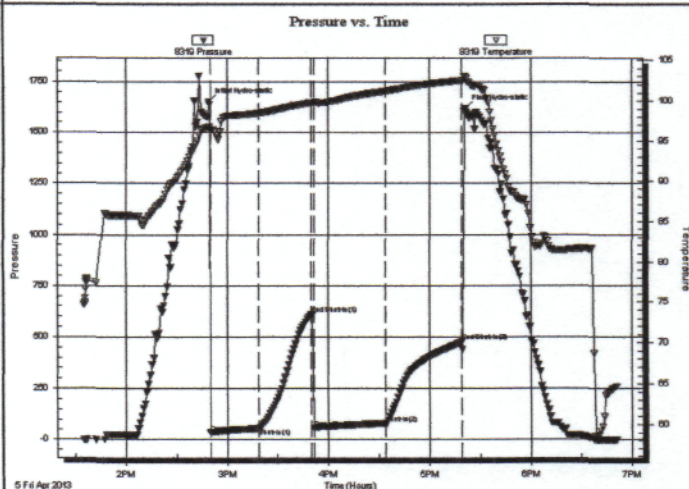
Serial #: 8319

Inside

Press@RunDepth: 79.99 psig @ 3305.00 ft (KB)
Start Date: 2013.04.05 End Date: 2013.04.05
Start Time: 13:35:05 End Time: 18:50:29

Capacity: 8000.00 psig
Last Calib.: 2013.04.05
Time On Btm: 2013.04.05 @ 14:49:00
Time Off Btm: 2013.04.05 @ 17:21:00

TEST COMMENT: IF-BOB in 10 min
ISI-No blow
FF-BOB in 2 min
FSI-4" blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1654.52	96.64	Initial Hydro-static
1	34.91	96.25	Open To Flow (1)
30	55.29	98.45	Shut-In(1)
61	611.17	99.75	End Shut-In(1)
63	56.71	99.76	Open To Flow (2)
105	79.99	101.18	Shut-In(2)
150	474.47	102.50	End Shut-In(2)
152	1619.63	102.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	SGOCM 5%G 20%O 75%M	1.12
50.00	SGO 5%G 95%O	0.70
0.00	815ft GIP	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc

Ref. No: 52046

Printed: 2013.04.11 @ 14:29:01



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Co
8411 Pretston RD STE 800
Dallas TX 75225
ATTN: Wyatt Urban

Kennedy-Dobkins Unit #1
20-17s-14w Barton,KS
Job Ticket: 52047 DST#: 3
Test Start: 2013.04.06 @ 03:05:00

GENERAL INFORMATION:

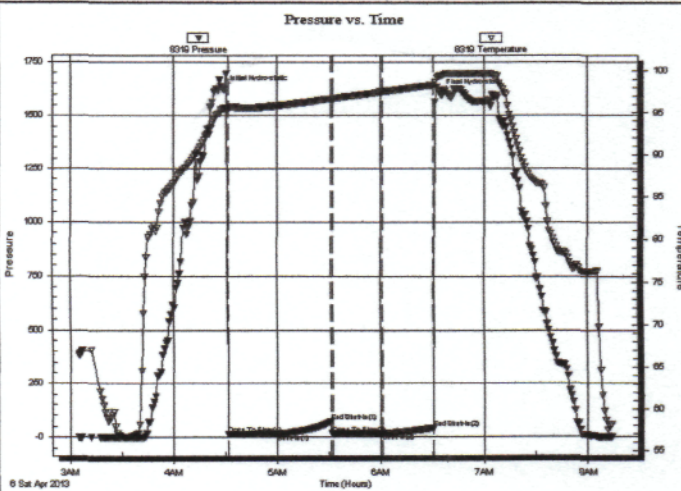
Formation: Arb.
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:31:30
Time Test Ended: 08:14:00
Interval: 3356.00 ft (KB) To 3378.00 ft (KB) (TVD)
Total Depth: 3378.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Brett Dickinson
Unit No: 59
Reference Elevations: 1874.00 ft (KB)
1866.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8319

Inside

Press@RunDepth: 16.45 psig @ 3359.00 ft (KB)
Start Date: 2013.04.06 End Date: 2013.04.06
Start Time: 03:05:05 End Time: 08:13:59
Capacity: 8000.00 psig
Last Calib.: 2013.04.06
Time On Btm: 2013.04.06 @ 04:29:00
Time Off Btm: 2013.04.06 @ 06:34:00

TEST COMMENT: IF-3/4" blow
ISI-No blow
FF-No blow
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1626.56	95.55	Initial Hydro-static
3	13.40	95.37	Open To Flow (1)
31	15.78	95.83	Shut-In(1)
62	70.94	96.65	End Shut-In(1)
63	15.85	96.67	Open To Flow (2)
92	16.45	97.48	Shut-In(2)
122	42.02	98.27	End Shut-In(2)
125	1609.37	99.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Oil spotted mud	0.03

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc

Ref. No: 52047

Printed: 2013.04.11 @ 14:19:11



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Co

8411 Pretston RD STE 800
Dallas TX 75225

ATTN: Wyatt Urban

Kennedy-Dobkins Unit #1

20-17s-14w Barton,KS

Job Ticket: 52048

DST#: 4

Test Start: 2013.04.06 @ 15:40:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:26:00

Time Test Ended: 20:48:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: **3361.00 ft (KB) To 3405.00 ft (KB) (TVD)**

Total Depth: 3405.00 ft (KB) (TVD)

Hole Diameter: 7.88 inchesHole Condition: Fair

Reference Elevations: 1874.00 ft (KB)

1866.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: **8319**

Inside

Press@RunDepth: 167.99 psig @ 3368.00 ft (KB)

Start Date: 2013.04.06

End Date:

2013.04.06

Start Time: 15:40:05

End Time:

20:48:29

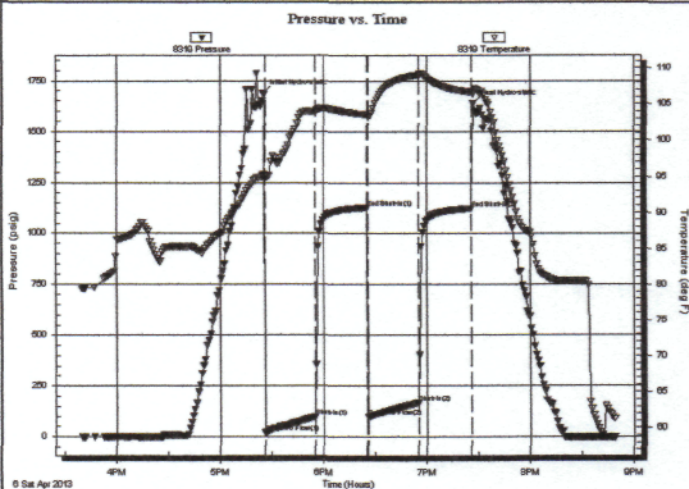
Capacity: 8000.00 psig

Last Calib.: 2013.04.06

Time On Btm: 2013.04.06 @ 17:25:00

Time Off Btm: 2013.04.06 @ 19:26:30

TEST COMMENT: IF-BOB in 19 min
ISI-No blow
FF-BOB in 23 min
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1687.77	95.02	Initial Hydro-static
1	19.46	94.63	Open To Flow (1)
30	97.24	103.92	Shut-In(1)
60	1126.67	103.44	End Shut-In(1)
61	97.84	103.14	Open To Flow (2)
90	167.99	109.05	Shut-In(2)
121	1122.96	106.61	End Shut-In(2)
122	1638.05	106.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.21
125.00	SWCM 15%W 85%M	1.75
185.00	VSMCW 95%W 5%M	2.60

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc

Ref. No: 52048

Printed: 2013.04.11 @ 14:18:22

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 6642

Date	4-1-13	Sec.	20	Twp.	17	Range	14	County	Barton	State	Ks	On Location		Finish	10:30 PM
See Below								Location 281 + 4 Jct, 2 W, 1 1/2 N, w/ Into							
Lease								Well No.		Owner					
Contractor Southwind								#3		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.					
Type Job Surface										Charge To Mai oil operations					
Hole Size 12 1/4"								T.D. 851'		Street					
Csg. 8 5/8"								Depth 851'		City					
Tbg. Size								Depth		State					
Tool								Depth		The above was done to satisfaction and supervision of owner agent or contractor.					
Cement Left in Csg.								Shoe Joint 20'		Cement Amount Ordered 350 sx 60/40 3% cc 2% Gel					
Meas Line								Displace 53 BLS							
EQUIPMENT															
Pumptrk 15 No. Cementer Nick								Common							
Bulktrk 4 No. Driver Clayton								Poz. Mix							
Bulktrk p.u. No. Driver Rick								Gel.							
								Calcium							
JOB SERVICES & REMARKS															
Remarks: Kennedy-Dobkins unit #1								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							
Cement did Circulate								Sand							
								Handling							
								Mileage							
FLOAT EQUIPMENT															
								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								1 - Rubber plug							
								Pumptrk Charge							
								Mileage							
								Tax							
								Discount							
X Signature Jay Davis								Total Charge							

Federal Tax I.D. # 20-8651475

SERVICE POINT:
Great Bend Ks

DATE <u>4-7-13</u>	SEC. <u>20</u>	TWP. <u>17</u>	RANGE <u>14</u>	CALLED OUT <u>8:30 AM</u>	ON LOCATION <u>10:45 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>2:00 PM</u>
RENNARDY- LEASE <u>Dobkins</u>	WELL # <u>1</u>	LOCATION <u>281 ± 4 Jct, 2 West, 1 1/2 North</u>				COUNTY <u>Barton</u>	STATE <u>Ks</u>
OLD OR <u>NEW</u> (Circle one)			<u>Went into</u>				

CONTRACTOR	Southward #3
TYPE OF JOB	Plugging
HOLE SIZE	2 7/8
CASING SIZE	T.D. 34165'
TUBING SIZE	DEPTH
DRILL PIPE	4 1/2
TOOL	DEPTH 3379'
PRES. MAX	DEPTH
MEAS. LINE	MINIMUM
CEMENT LEFT IN CSG.	SHOE JOINT
PERFS.	
DISPLACEMENT	

OWNER Same

CEMENT
AMOUNT ORDERED 210 lbs 60/40 470 Mel,
1/4 #8 bar/1/4

COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
ASC	@
	@
	@
	@
	@
	@
	@
	@
	@
HANDLING	@
MILEAGE	

TOTAL _____

PUMP TRUCK	CEMENTER	Tommy Dickman
# 3161	HELPER	Kevin Eddy
BULK TRUCK		
# 341	DRIVER	Dan Cooper
BULK TRUCK		
#	DRIVER	

SERVICE

DEPTH OF JOB 3379
PUMP TRUCK CHARGE _____
EXTRA FOOTAGE _____ @ _____
MILEAGE _____ @ _____
MANIFOLD _____ @ _____
_____ @ _____
_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

CHARGE TO: Mai Oil operations
STREET _____
CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment