



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1103166
OIL & GAS CONSERVATION DIVISION

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
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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

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: _____



1103166

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 <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 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				

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 <i>(Amount and Kind of Material Used)</i>	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: <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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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

November 30, 2012

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

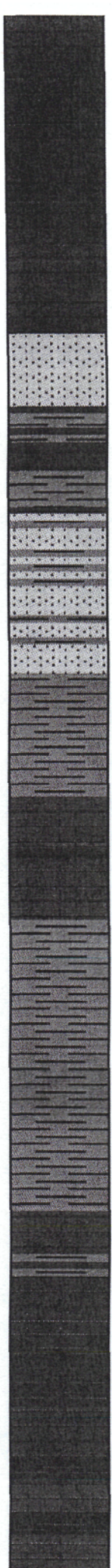
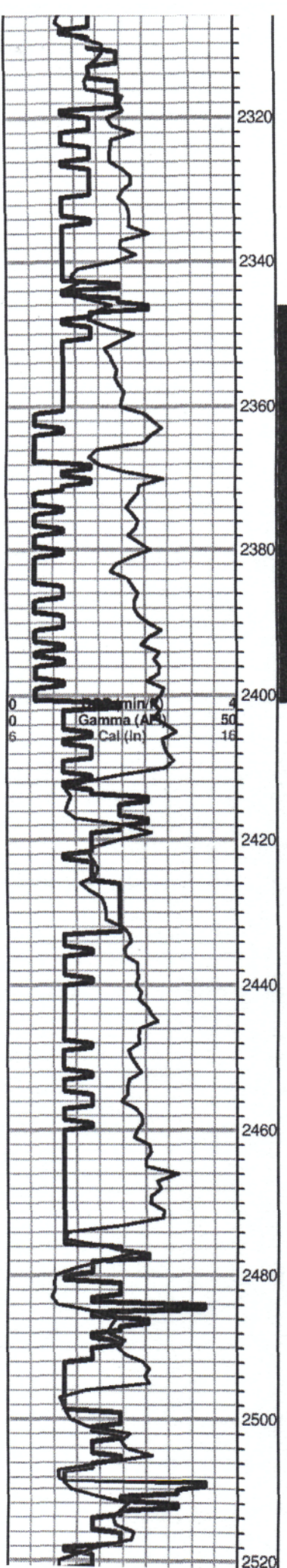
Re: ACO1
API 15-167-23823-00-00
Schmitt 3
SE/4 Sec.04-15S-14W
Russell County, Kansas

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



Grand Haven 2342.0 (-565.0) 0.0

Ls-tan/gry, few fossil,s chalky, poor vis por

Trace sand-gry, vfg poorly developed por, silty, NS

Dover 2367.0 (-590.0) 0.0

Shale-gry-silty

Sand-gry, vfg, friable, well sorted, well rounded, mica, glauc, poor iner gran por, golden brown stains/ slightly saturated, SFO, faint odor

Sand- A/A Shale-gry-soft-silty

A/A

Tarkio Lime 2412.0 (0.0) 0.0

Ls-crm/gry, fxln, fossils, poor vis por, chalky

Shale-gry-silty

Sand-gry, mostly fine grained, well sorted/rounded, mica, friable, TrSFO, no odor

A/A shale-gry-silty, soft

A/A mica

Elmont 2475.0 (-698.0) 0.0

Ls-crm/buff, fxln, fossils, poor vis por, slightly chalky

Shale-maroon.grn

Ls-crm/tan, fxln, few fossils, poor vis por, chalky
Shale-maroon/grn

Ls& Shale A/A

DST #1 2346-2400

30-30-45-45

IF; BOB 1 1/2 min
ISI; 2 1/2" blow;died in 20

FF; BOB 30 sec.
FSI; 9" Blow

Recovery;

900' Gas In Pipe

15' Drilling Mud

45' WOCM

(30%oil 10%wtr 60% mud)

60' OCMW

(15%oil 55%wtr 30% mud)

60' MW

(70%wtr 30%mud)

Pressures;

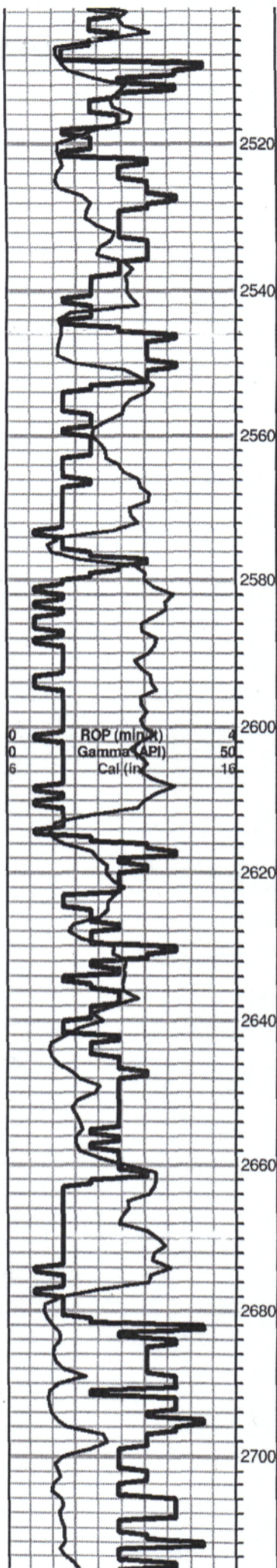
ISIP 705 psi

FSIP 692 psi

IFP 34-70 psi

FFP 65-100 psi

HSH 1109-1092 psi



Ls-crm/tan, fxln, few fossils, poor vis por, chalky
Shale-maroon/grn

Ls& Shale A/A

Ls-buff/gry, fxln, poor vis por, chalky
Shale- A.A

Ls-tan/crm, fxln, few fossils, poor vis por, dense

Ls-tan/crm, fxln, fossils, poor iner xln por, dense

Shale-gry/grn

Ls-tan/gry, fxln, fossils, poor vis por, chalky

Shale-gry/grn-soft

A/A

Ls-crm/tan/buff, fxln, fossils, poor vis por, chalky

Shale-gry/grn

Ls-crm/tan, fxln, fossils, poor vis por, chalky

Shale-gry/grn

Ls-crm/tan, fxln, fossils, chalky

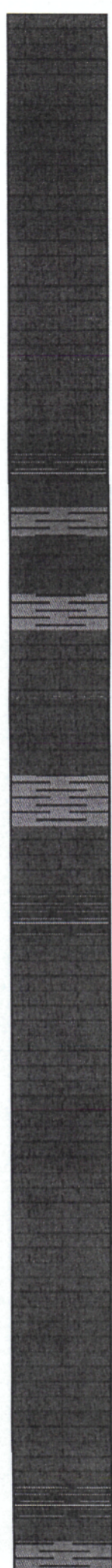
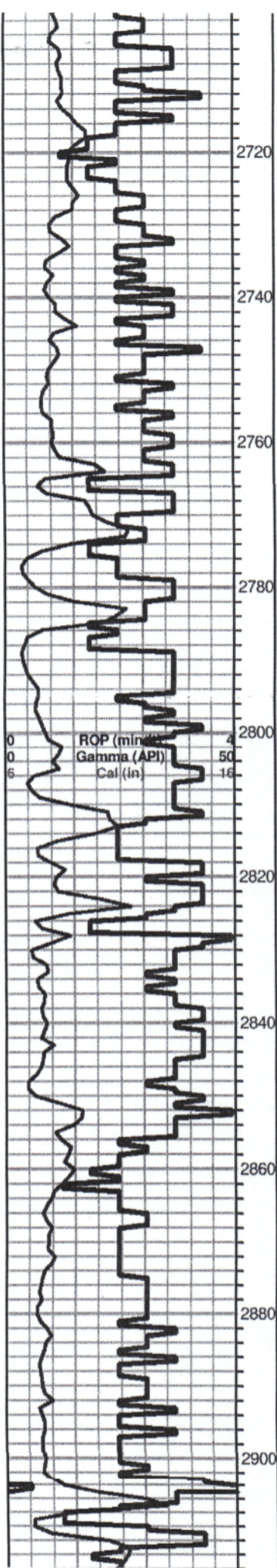
Shale-gry-soft, silty

Topeka 2680.0 (-903.0) 0.0

Ls-tan/buff, fxln, fossils, dense, poor vis por, slightly
cherty

Ls-gry/tan, fxln, fossils, poor vis por

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



Ls-gry/tan, fxln, fossils, poor vis por

Ls-crm/tan, fxln, dense, few fossils, poor vis por

Ls-crm/tan, fxln, few fossils, poor vis por, Shale-gry-silty

Ls-crm/tan, fxln, chalky, fossils, poor vis por, Shale A/A

Black carbon Shale

Shale- gry/grn

Ls-crm/wht/lt gry, fxln, ool/fossils, poor vis por, chalky Shale A/A

Ls- crm/lt gry, fxln, poor vis por, fossils, chalky

Shale- gry

Ls-crm/gry, fxln, ool/fossils, poor vis por, chalky

Black carbon shale

:Ls-tan/gry, fxln, fossils, poor scatterd ppt to iner xln por, trace dark brown stains, NSFO, no odor, dense, cherty

Ls-tan/lt gry, fxln, ool/fossils, dense, poor vis por

Ls-lt gry/crm/tan, fxln, fossils, poor iner xln to fossil por, brwn stains, NSFO, Very Faint odor, slightly chalky

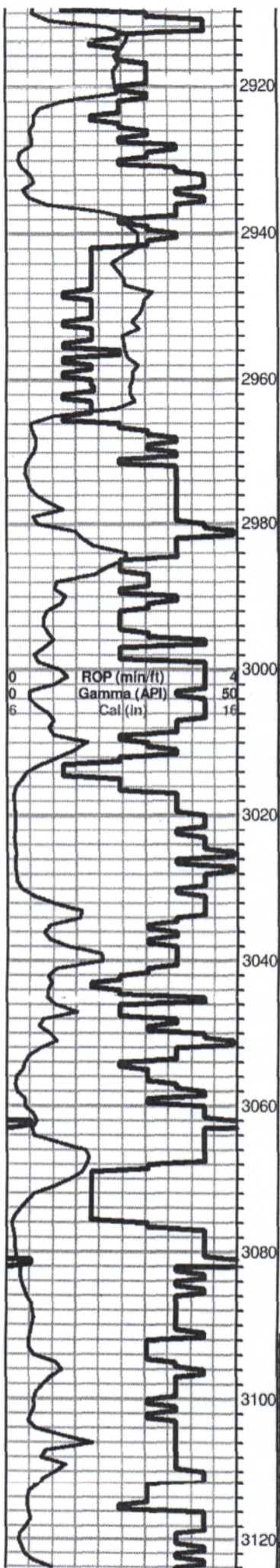
Ls-crm/tan, fxln, poor vis por, chalky, cherty

Ls-tan/buff, fxln, poor vis por, dense, cherty, slightly chalky

Heebner 2906.0 (-1129.0) 0.0

Black carbon shale

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



Shale-gry/grn/mar

Ls-crm/tan, fxln, poor ppt to iner xln por, scatterd dark brown to black stains, NSFO

Shale-gry/grn/brwn

A/A

Lansing 2966.0 (-1189.0) 0.0

Ls-crm/tan, fxln, dense, poor iner xln por, scattered brwn stains, NSFO, no odor,

Ls-tan/buff, fxln, scattered poor iner xln por, spotty golden brwn stains, NSFO, faint odor. Shale- gry/grn

Ls-crm/tan, fxln, poor iner xln to finely vuggy por, golden brwn stains, Broken open SFO, faint odor.

Ls-crm/wht, fxln, ool, poor iner ool por, golden brwn stns, TrSFO , faint odor,

Ls-crm/tan, fxln, ool/oom, poor-fair oom por, brwn stns, TrSFO, faint odor.

Ls-crm/wht, fxln, sucrosic, poor vis por, dense

Ls-crm/lt gry, fxln, sucrosic, dense, poor vis por

Ls-tan/gry, fxln, ool/fossils, poor vis por, slightly chalky

Ls-gry/tan, fxln, ool, few fossils, poor vis por, mostly dense

Ls-crm/wht, fxln, ool/oom, poor-fair oom por, spotty dark brwn stains, NSFO, no odor.

Ls-crm/gry, fxln, oo, poor vis por, dense

Ls-gry/tan, fxln, dense, poor vis por, chert-gry

A/A

Shale-gry Trace Black carbon shale

Ls-tan/gry, fxln, poor vis por, dense

DST #2 2973-3015
30-45-45-60

IF; BOB 30 min
ISI; No Return
FF; BOB 24 min

Recovery;
120' Gas In Pipe
30' SOCWM
(5%o 25%wtr 70%mud)
60' MW
(70%wtr 30% mud)

Pressures;

ISIP 607 psi
FSIP 577 psi
IFP 19-34 psi
FFP 38-56 psi
HSH 1471-1422 psi

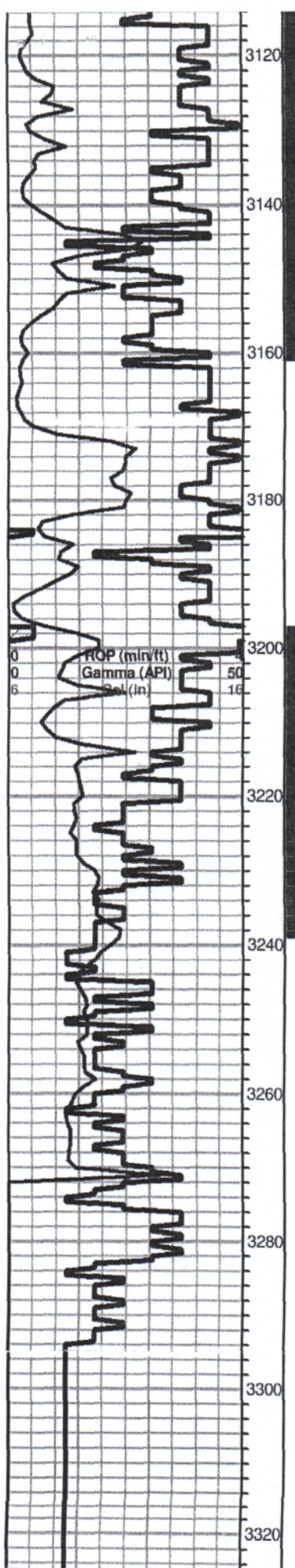
DST #3 3091-3160
30-30-30-30

IF; 1/2", Died in 21 min
No return

Recovery;
15' mud

Pressures;

ISIP 698 psi
FSIP 660 psi
IFP 31-34 psi



Ls-tan/gry, fxln, poor vis por, dense

Ls-crm/tan, fxln, poor vis por,

Ls-crm/wht/tan, fxln, ool/fossils in part, poor iner xln to iner clast por, golden brown stains, SFO, faint odor

Ls-crm/tan, fxln, ool, poor iner xln to iner ool por, golden brown stains, Broken open SFO, fair odor

Ls-crm/wht/tan, fxln, dense, poor vis por, faint odor

Ls-gry/tan, fxln, few fossils, poor vis por, dense

Ls-tan/gry/crm, fxln, dense, poor vis por, fossils in part

A/A-shale-gry/grn

Ls-tan/buff, fxln, dense, poor vis por, cherty, chalky

Ls-crm/tan/buff, fxln, slightly ool, poor vi spor, cherty, chalky, Shale-brwn/gry/mar

Arbuckle 3220.0 (-1443.0) 0.0

Dol-wht/crm, f-med rhomb xln, dense, poor iner xln por, golden brown stains/slightly saturated, SFO, good odor

Dol-crm/wht, f-med xln, few rhomb. poor iner xln por with scattered fair finely vuggy por, slightly saturated, golden brown stains, Good SFO, good odr

Dol-wht/lt gry, f-med rhomb xln, dense, poor iner xln por, dark brown stains, TrSFO, faint odor

Dol-wht/lt gry/crm, f-med xln, few rhomb, dense, poor iner xln por, scattered brown stains, TrSFO, faint odr

A/A Slightly cherty

Dol-crm/wht, f-med xln, sandy, chert, poor vis por,

Dol-wht fxln, poor vis por, sandy, chert-boneywht/gry

Pressures,
 ISIP 698 psi
 FSIP 660 psi
 IFP 31-34 psi
 FFP 82-38 psi
 HSH 1556-1526 psi

**DST #4 3198-3227
 30-30-30-45**

IF: Built to 9"
 ISI: No return

Recovery:
 40' Gas In Pipe
 60' Free Oil
 40' OCM
 (15%oil 85% mud)

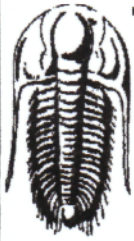
Pressures:
 ISIP 999 psi
 FSIP 985 psi
 IFP 14-32 psi
 FFP 56-58 psi
 HSH 1594-1546 psi

Total Gas (units) 100
**DST #5 3199-3237
 30-30-30-30**

IF: BOB 3 1/2 min
 ISI: 5" return
 FF: BOB 5 min
 FSI: 1/4" return

Recovery:
 160' Gas In Pipe
 495' Free Oil
 120' GMCO
 (20%g 70%o 5%m)
 120' OCM
 (10% oil 90% mud)

Pressures:
 ISIP 988 psi
 FSIP 957 psi
 IFP 32-188 psi
 FFP 192-302 psi
 HSH 1600-1555 psi



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations
8411 Preston Rd. Ste. 800
Dallas, TX 75225
ATTN: Kurt Talbolt

4-15s-14w Russell,KS
Schmitt #3
Job Ticket: 49441 **DST#: 2**
Test Start: 2012.09.21 @ 09:22:13

GENERAL INFORMATION:

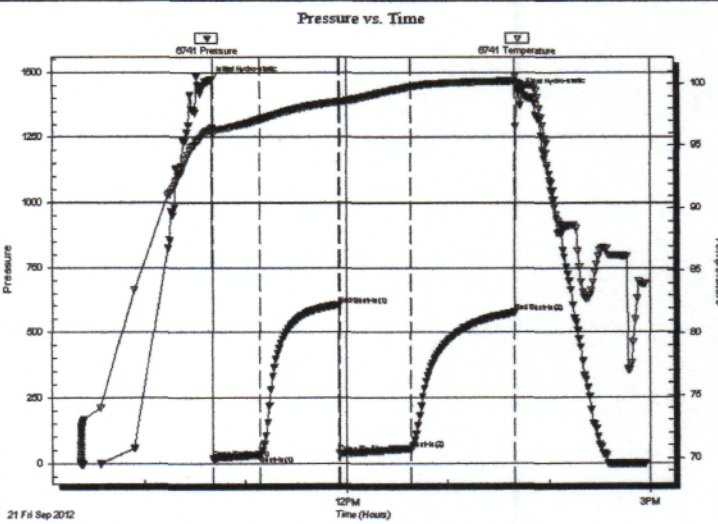
Formation: **LKC "A-C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:40:43
Time Test Ended: 14:57:43
Interval: **2973.00 ft (KB) To 3015.00 ft (KB) (TVD)**
Total Depth: 3015.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 1778.00 ft (KB)
1769.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6741

Outside

Press@RunDepth: 55.83 psig @ 2976.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.09.21 End Date: 2012.09.21 Last Calib.: 2012.09.21
Start Time: 09:22:14 End Time: 14:57:43 Time On Btm: 2012.09.21 @ 10:39:13
Time Off Btm: 2012.09.21 @ 13:42:13

TEST COMMENT: IFP - BOB 30 min
ISI - no blow back
FFP - BOB 24 min
FSI - weak sur blow back - died 17 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1470.52	96.38	Initial Hydro-static
2	19.31	95.83	Open To Flow (1)
30	33.64	97.14	Shut-In(1)
76	606.88	98.54	End Shut-In(1)
77	37.70	98.55	Open To Flow (2)
119	55.83	99.77	Shut-In(2)
181	577.10	100.24	End Shut-In(2)
183	1422.06	100.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW 70%W, 30%M	0.84
30.00	SOCWM 5%O, 25%W, 70%M	0.42
0.00	120' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations
8411 Preston Rd. Ste. 800
Dallas, TX 75225
ATTN: Kurt Talbot

4-15s-14w Russell,KS
Schmitt #3
Job Ticket: 49442 **DST#: 3**
Test Start: 2012.09.22 @ 02:35:10

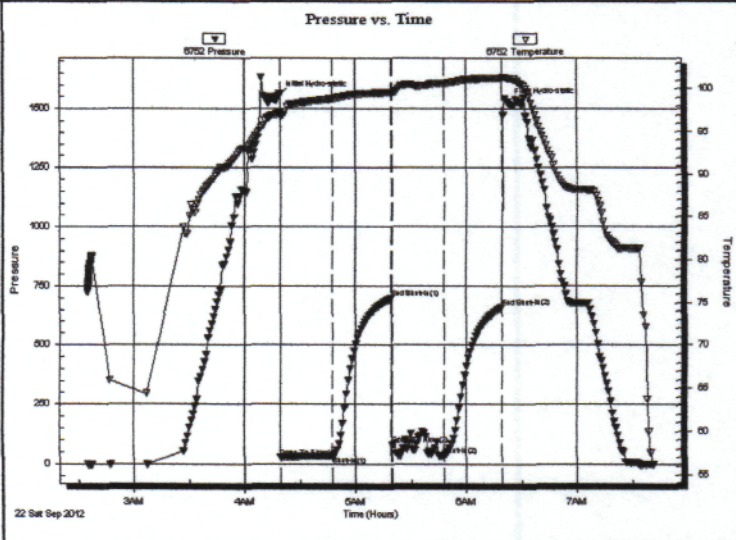
GENERAL INFORMATION:

Formation: **LKC "H-J"**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 04:19:40
 Time Test Ended: 07:41:40
 Interval: **3091.00 ft (KB) To 3160.00 ft (KB) (TVD)**
 Total Depth: **3160.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Brian Fairbank**
 Unit No: **41**
 Reference Elevations: **1778.00 ft (KB)**
1769.00 ft (CF)
 KB to GR/CF: **9.00 ft**

Serial #: 6752 **Inside**
 Press@RunDepth: **37.54 psig @ 3099.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.09.22** End Date: **2012.09.22** Last Calib.: **2012.09.22**
 Start Time: **02:35:11** End Time: **07:41:40** Time On Btm: **2012.09.22 @ 04:18:40**
 Time Off Btm: **2012.09.22 @ 06:22:40**

TEST COMMENT: IFP - 1/2" blow - died 21 min
 ISI - no blow back
 FFP - no blow
 FSI - no blow back

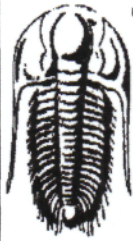


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1556.21	97.15	Initial Hydro-static
1	30.90	96.94	Open To Flow (1)
29	33.67	98.86	Shut-In(1)
61	697.93	99.54	End Shut-In(1)
62	81.54	99.48	Open To Flow (2)
90	37.54	100.62	Shut-In(2)
121	660.25	101.19	End Shut-In(2)
124	1525.54	101.21	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
15.00	drl mud 100%	0.21

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations
8411 Preston Rd. Ste. 800
Dallas, TX 75225
ATTN: Kurt Talbott

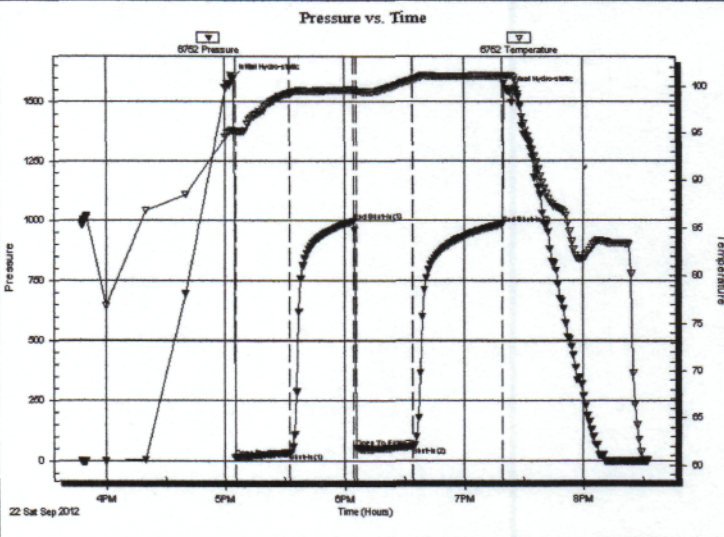
4-15s-14w Russell,KS
Schmitt #3
Job Ticket: 49443 **DST#: 4**
Test Start: 2012.09.22 @ 15:48:06

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 17:05:06
Time Test Ended: 20:32:06
Interval: **3198.00 ft (KB) To 3227.00 ft (KB) (TVD)**
Total Depth: **3227.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Brian Fairbank**
Unit No: **41**
Reference Elevations: **1778.00 ft (KB)**
1769.00 ft (CF)
KB to GR/CF: **9.00 ft**

Serial #: 6752 Inside
Press@RunDepth: **58.13 psig @ 3199.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.09.22** End Date: **2012.09.22** Last Calib.: **2012.09.22**
Start Time: **15:48:07** End Time: **20:32:06** Time On Btm: **2012.09.22 @ 17:03:36**
Time Off Btm: **2012.09.22 @ 19:21:36**

TEST COMMENT: IFP - weak to strong blow 1/4" - 9"
ISI - no blow back
FFP - weak to good blow sur - 8 1/2"
FSI - sur blow - died 17 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1594.12	95.34	Initial Hydro-static
2	13.89	95.25	Open To Flow (1)
29	32.38	99.25	Shut-In(1)
61	998.63	99.61	End Shut-In(1)
63	55.52	99.46	Open To Flow (2)
91	58.13	100.68	Shut-In(2)
136	985.47	101.08	End Shut-In(2)
138	1545.97	101.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	OCM 15%O, 85%M	0.56
60.00	FREE OIL 95%O, 5%M	0.84
0.00	40' GIP	0.00

* Recovery from multiple tests

Gas Rates

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

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. 742

Date	9-17-12	Sec.	4	Twp.	15	Range	14	County	Russell	State	KS	On Location		Finish	6.15 pm
Lease	Schmitt		Well No.	#3		Location Russell Sto Walters Rd Hwy W Ninto									
Contractor	Southwind		RIS 3		Owner 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														
Hole Size	1 1/4		T.D.	431											
Csg.	8 5/8		Depth	431											
Tbg. Size			Depth												
Tool			Depth												
Cement Left in Csg.	15 ft		Shoe Joint	15 ft											
Meas Line			Displace	26.5 BBL		Cement Amount Ordered 7 25 60/40 390cc									

EQUIPMENT

Pumptrk #9	No.	Cementer	mett	Common	290 gal
Bulktrk #10	No.	Driver	Trans	Poz. Mix	135
Bulktrk pu	No.	Driver	Coody Keith	Gel.	90
				Calcium	49

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
DV or Port Collar	CFL-117 or CD110 CAF 38

Cement did Circulate

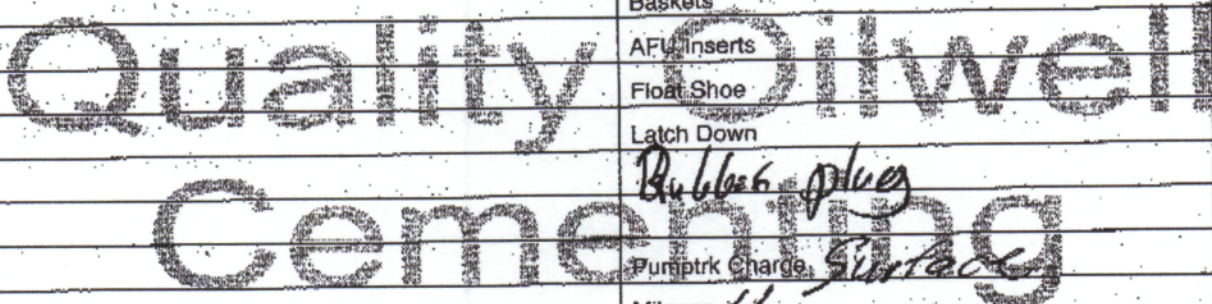
Sand

Handling 138

Mileage

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	Surface
Mileage	11



X Signature

Chris Shiver

Tax

Discount

Total Charge

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. 6550

Date	9-24-12	Sec.	4	Twp.	15	Range	14	County	Russell	State	KS	On Location		Finish	2:15 P.M.
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Location *Russell 5 Walters Rd 1/2 W Pinto*

Lease	<i>Schmitt</i>	Well No.	<i>3</i>	Owner	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.
Contractor	<i>Southard #3</i>				
Type Job	<i>Production String</i>				
Hole Size	<i>7 7/8</i>	T.D.	<i>3300</i>	Charge To	<i>Ma Oil</i>
Csg.	<i>5 1/2</i>	Depth	<i>3295</i>	Street	
Tbg. Size		Depth		City	State
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left In Csg.	<i>19.67</i>	Shoe Joint	<i>19.67</i>	Cement Amount Ordered	<i>150 #40 18% salt + 2% cell 1/4" Fl</i>
Meas. Line		Displace	<i>80BC</i>		<i>100 #40 10% salt + 2% cell 1/4" Fl + 100 gal med flush</i>

EQUIPMENT

Pumptrk	<i>9</i>	No.	<i>1</i>	Cement Helper	<i>Chris</i>	Common	<i>150</i>
Bulktrk	<i>14</i>	No.	<i>1</i>	Driver	<i>Mike</i>	Poz. Mix	<i>100</i>
Bulktrk	<i>8</i>	No.	<i>1</i>	Driver	<i>Carl</i>	Gel.	<i>5</i>
				Driver	<i>Don</i>	Calcium	

JOB SERVICES & REMARKS

Remarks:		Hulls	
Rat Hole	<i>30SK</i>	Salt	<i>49</i>
Mouse Hole		Flowseal	<i>50#</i>
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	<i>1000 gal</i>
D/V or Port Collar		CFL-117 or CD110 CAF 36	
		Sand	
	<i>5 1/2 Set @ 3295 - Insert @ 3225.33</i>	Handling	<i>304</i>
	<i>Est. Circulation Pump 100 gal med flush</i>	Mileage	
	<i>with 10BC spacer. Plug Rathok 30SK</i>		
	<i>Cement 5 1/2 - Lead Cement @ 14.2 Tail</i>		
	<i>@ 150 gal. Char lines - Displace Plug</i>		
	<i>Plug sand @ 1200# Hek. Release</i>		
	<i>Pressure Dry.</i>		

FLOAT EQUIPMENT

Guide Shoe	<i>5 1/2</i>
Centralized	<i>2 Turbulizers</i>
Baskets	<i>1 - Red</i>
AFU Inserts	
Float Shoe	<i>1</i>
Latch Down	<i>1</i>

Pumptrk Charge	<i>prod long string</i>	Tax	
Mileage	<i>11</i>	Discount	
		Total Charge	

X Signature *[Handwritten Signature]*