



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1212039
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: _____

1212039

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
--	---

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Schmitt 9
Doc ID	1212039

Tops

Name	Top	Datum
Anhydrite	765	+1008
Tarkio Lime	2402	-629
Topeka	2673	-900
Heebner	2900	-1127
Toronto	2915	-1142
Lansing	2960	-1187
Base Kansas City	3171	-1398
Arbuckle	3219	-1446

JAMES C. MUSGROVE

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

Office (620) 588-4250

Res. Claflin (620) 587-3444

Mai Oil Operations
Schmitt #9
SW-NW-SE-SE (780' FSL & 1000' FEL)
Section 4-15s-14w
Russell County, Kansas

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5 1/2" Production Casing Set

Contractor: Southwind Drilling Co. (rig #3)
Commenced: May 7, 2014
Completed: May 13, 2014
Elevation: 1773' K.B.; 1771 D.F.; 1765' G.L.
Casing program: Surface; 8 5/8" @ 425'
Production, 5 1/2" @ 3279'
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	765	+1008
Base Anhydrite	796	+977
Grand Haven	2336	-563
1 st Tarkio Sand	2347	-574
Dover	2360	-587
2 nd Tarkio Sand	2366	-593
Tarkio Lime	2402	-629
Elmont	2470	-697
Howard	2605	-832
Topeka	2673	-900
Heebner	2900	-1127
Toronto	2915	-1142
Lansing	2960	-1187
Base Kansas City	3171	-1398
Arbuckle	3219	-1446
Rotary Depth Total	3291	-1518

(All tops and zone determination were made from a correlation of Drilling Time and Sample Analysis).

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

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1ST TARKIO SAND

2348-2356 Sand, gray, very fine grained, silty; poorly developed; no shows.

2nd TARKIO SAND

2265-2276 Sand, gray, tan very fine grained, sub-rounded, friable, micaceous in part, fair brown stain, show of free oils, faint odor in fresh samples.

Drill Stem Test #1 2336-2400

Times: 45-30-45-45

Blow: Strong

**Recovery: 136' thin watery mud
Trace of oil specks**

**Pressures: ISIP 327 psi
FSIP 283 psi
IFP 63-194 psi
FFP 175-280 psi
HSH 1135-1077 psi**

Remarks: Plugging actions on both flows, all pressures are questionable.

TOPEKA SECTION

2710-2720' Limestone, cream, gray, fossiliferous, chalky, brown stain, no show of free oil and no odor.

2847-2860' Limestone, white, cream, sub-oomoldic, chalky, poor stain, no show of free oil and no odor in fresh samples.

TORONTO SECTION

2918-2928' Limestone, gray white, finely crystalline, slightly fossiliferous, chalky; no shows.

LANSING SECTION

2960-2968' Limestone, finely crystalline, scattered inter-crystalline porosity, few with pinpoint type porosity, light brown stain, show of free oil and fair odor in fresh samples.

- 2984-2982' Limestone, tan, fossiliferous, fair fossil cast porosity, good brown and golden brown stain, show of free oil and faint odor in fresh samples.
- 3003-3011 Limestone, white, gray, sub-oomoldic, chalky, poor visible porosity, no shows.

Drill Stem Test #2 2962-3015

Times: 30-30-45-45

Blow: Strong

**Recovery: 126' oil cut mud
(20% oil; 80% mud)
94' oil & gas cut mud
(50% gas; 20% oil; 30% mud)**

**Pressures: ISIP 477 psi
FSIP 293 psi
IFP 43-204 psi
FFP 176-122 psi
HSH 1515-1472 psi**

Remarks: plugging action in both flow periods, all pressures questionable.

- 3035-3045' Limestone, cream, gray, oolitic, chalky; good porosity, good stain and saturation, show of free oil and faint odor in fresh samples.
- 3062-3067' Limestone, gray, white oomoldic, fair oomoldic porosity, trace poor stain, no show of free oil and no odor in fresh samples.
- 3082-3088' Limestone, gray cream, brown, finely crystalline, chalky, few cherty; no shows.
- 3110-3116' Limestone, gray, fossiliferous, poor porosity, no shows.
- 3125-3134' Limestone, cream, white, fossiliferous, few medium crystalline, black and gray stain, show of free oil and odor in fresh samples.
- 3142-3148' Limestone, tan, fossiliferous, few oomoldic, fair porosity, fair stain and saturation, show of free oil and fair odor in fresh samples.
- 3152-3158' Limestone, as above.

Drill Stem Test #3 **3093-3165**

Times: 30-30-45-45

Blow: Weak

Recovery: 15' slightly oil cut mud
(5% oil, 95% mud)

Pressures:

ISIP	102	psi
FSIP	86	psi
IFP	14-18	psi
FFP	15-17	psi
HSH	1526-1476	psi

ARBUCKLE SECTION

- 3219-3225' Dolomite, cream, white, medium crystalline, fair inter-crystalline porosity, fair stain and saturation, show of free oils and faint odor in fresh samples.
- 3225-3231' Dolomite, white, cream, medium to coarse crystalline, good inter-crystalline porosity, fair stain and saturation, show of free oil and good odor in fresh samples.

Drill Stem Test #4 **3189-3231**

Times: 30-30-30-30

Blow: Strong

Recovery: 315' slightly mud cut watery oil
(5% mud; 10% water; 15% gas; 70% oil)
 315' oil and gas cut watery mud
(5% mud; 30% water; 30% gas; 35% oil)
 820' clean oil
 63' slightly oil and gas cut watery mud
(10% oil; 10% water; 30% gas; 50% mud)
 126' oil specked muddy water

Pressures:

ISIP	1019	psi
FSIP	1014	psi
IFP	182-414	psi
FFP	432-617	psi
HSH	1551-1529	psi

- 3240-3256' Dolomite, gray and white, medium and coarse crystalline, good inter-crystalline to vuggy type porosity, fair to good stain and saturation, show of free oil and good odor in fresh samples.

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Section 4-15s-14w
Russell County, Kansas

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3256-3270'	Dolomite, as above, few finely crystalline, sucrosic, sandy in part, trace stain, show of free oil and faint odor.
3270-3291'	Dolomite, white, cream, fine and medium crystalline, sandy, few with chalky luster; trace stain, trace free oil and faint odor in fresh samples.


Rotary Total Depth 3291

Remarks: Lost circulation at 3291', unable to run open hole log.

Recommendations:

The 5 ½' production/injection casing was set and cemented in the Schmitt #9.

Respectfully submitted;


James C. Musgrove
Petroleum Geologist





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations

4-15s-14w Russell,KS

8411 Preston Rd
Dallas TX. 75225

Schmitt #9

Job Ticket: 57622

DST#: 1

ATTN: Allen Bangert

Test Start: 2014.05.09 @ 19:15:00

GENERAL INFORMATION:

Formation: **Tarkio**

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

Time Tool Opened: 20:54:00

Time Test Ended: 01:17:00

Test Type: **Conventional Bottom Hole (Initial)**

Tester: **Bob Hamel**

Unit No: **67**

Interval: **2336.00 ft (KB) To 2400.00 ft (KB) (TVD)**

Total Depth: **2400.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1772.00 ft (KB)**

1765.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: 6625

Outside

Press@RunDepth: **280.75 psig @ 2371.00 ft (KB)**

Start Date: **2014.05.09**

End Date:

2014.05.10

Start Time: **19:15:01**

End Time:

01:17:00

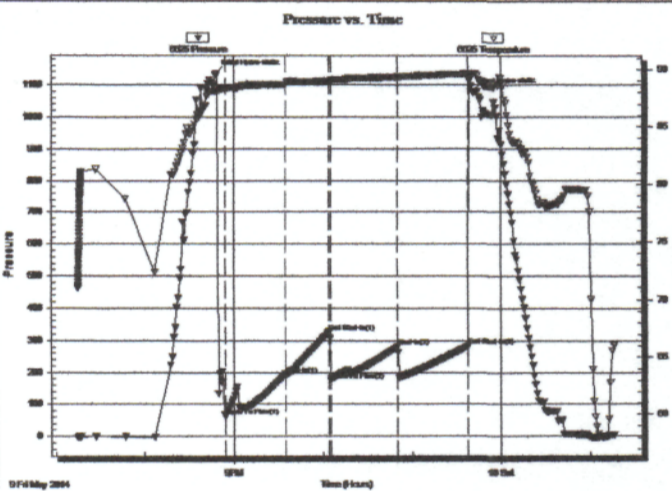
Capacity: **8000.00 psig**

Last Calib.: **2014.05.09**

Time On Btm: **2014.05.09 @ 20:48:00**

Time Off Btm: **2014.05.09 @ 23:40:30**

TEST COMMENT: I.F. - 45 - BOB in 18 min
I.S.I. - 30 - No blow back
F.F. - 45 - Weak blow built to 4"
F.S.I. - 45 - No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1135.42	88.14	Initial Hydro-static
6	63.13	88.37	Open To Flow (1)
47	194.26	88.70	Shut-In(1)
76	327.30	89.02	End Shut-In(1)
77	175.36	89.08	Open To Flow (2)
122	280.75	89.37	Shut-In(2)
170	283.34	89.64	End Shut-In(2)
173	1077.84	89.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
136.00	S,O,S,W,M, 5%W 95%M (FEW OIL SPEC)	0.76

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations

4-15s-14w Russell,KS

8411 Preston Rd
Dallas TX. 75225

Schmitt #9

Job Ticket: 57623

DST#: 2

ATTN: Allen Bangert

Test Start: 2014.05.11 @ 03:15:00

GENERAL INFORMATION:

Formation: **LKC "A - C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:51:30

Time Test Ended: 09:17:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 67

Interval: **2962.00 ft (KB) To 3015.00 ft (KB) (TVD)**

Reference Elevations: 1772.00 ft (KB)

Total Depth: 3015.00 ft (KB) (TVD)

1765.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6625

Outside

Press@RunDepth: 122.75 psig @ 2996.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.11

End Date:

2014.05.11

Last Calib.: 2014.05.11

Start Time: 03:15:01

End Time:

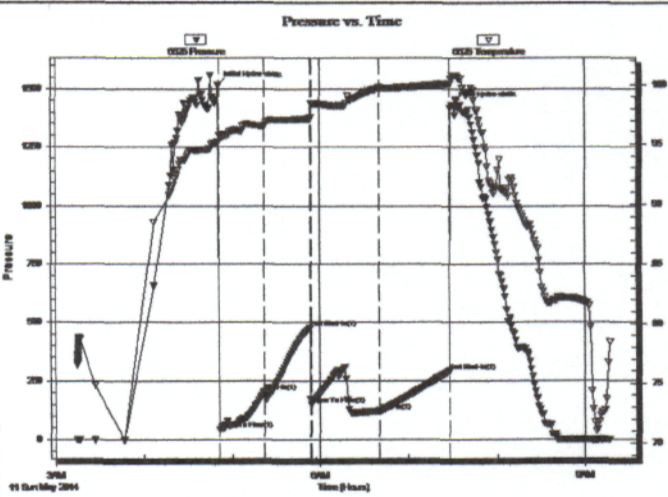
09:17:00

Time On Btm: 2014.05.11 @ 04:50:30

Time Off Btm: 2014.05.11 @ 07:30:30

TEST COMMENT:

I.F. - 30 - BOB in 20 min
I.S.I - 30 - No blow back
F.F. - 45 - Weak blow built to 6"
F.S.I - 45 - No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1515.17	95.11	Initial Hydro-static
1	43.71	95.67	Open To Flow (1)
32	203.85	96.50	Shut-In(1)
63	476.36	97.18	End Shut-In(1)
64	149.92	98.44	Open To Flow (2)
110	122.75	99.78	Shut-In(2)
158	292.59	100.10	End Shut-In(2)
160	1432.53	100.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	O,C,M 20%O 80% M	1.77
94.00	H,M,C,O,G 30%M 20%O 50%GAS	1.32

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations

4-15s-14w Russell,KS

8411 Preston Rd
Dallas TX. 75225

Schmitt #9

Job Ticket: 57624

DST#: 3

ATTN: Allen Bangert

Test Start: 2014.05.11 @ 23:52:00

GENERAL INFORMATION:

Formation: **LKC "A - C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:13:30

Time Test Ended: 05:50:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Harmel

Unit No: 67

Interval: 3093.00 ft (KB) To 3165.00 ft (KB) (TVD)

Total Depth: 2400.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1772.00 ft (KB)

1765.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6625

Outside

Press@RunDepth: 17.04 psig @ 3161.00 ft (KB)

Start Date: 2014.05.11

End Date:

2014.05.12

Start Time: 23:52:01

End Time:

05:50:30

Capacity: 8000.00 psig

Last Calib.: 2014.05.11

Time On Btm: 2014.05.12 @ 01:12:30

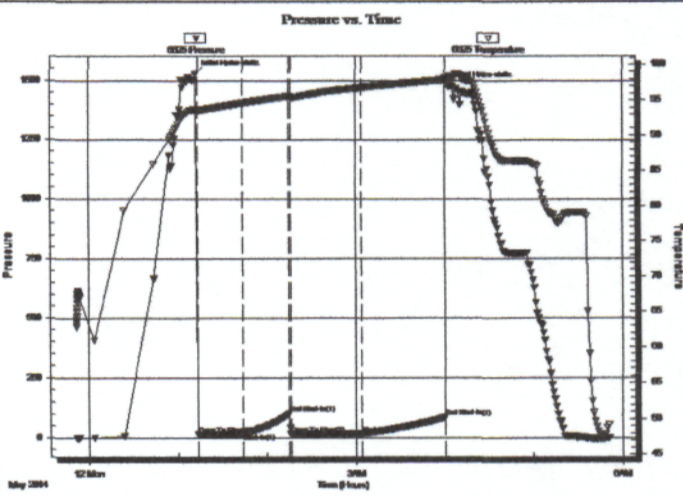
Time Off Btm: 2014.05.12 @ 04:03:00

TEST COMMENT: I.F. - 30 - weak surface blow built to 1 1/4"

I.S.I - 30 - No blow back

F.F - 45 - Weak surface blow died in 4 min

F.S.I - 45 - No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1526.49	93.71	Initial Hydro-static
1	14.44	93.52	Open To Flow (1)
32	18.08	94.58	Shut-In(1)
63	102.19	95.55	End Shut-In(1)
64	14.63	95.44	Open To Flow (2)
112	17.04	96.80	Shut-In(2)
168	85.72	97.83	End Shut-In(2)
171	1476.48	98.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	S,O,C,M, 5%O 95%M	0.21

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations

4-15s-14w Russell,KS

8411 Preston Rd
Dallas TX. 75225

Schmitt #9

Job Ticket: 57625

DST#: 4

ATTN: Allen Bangert

Test Start: 2014.05.12 @ 15:50:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:52:00

Time Test Ended: 21:38:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 67

Interval: **3189.00 ft (KB) To 3231.00 ft (KB) (TVD)**

Reference Elevations: 1772.00 ft (KB)

Total Depth: 3231.00 ft (KB) (TVD)

1765.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6625

Outside

Press@RunDepth: 617.38 psig @ 3227.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.12

End Date:

2014.05.12

Last Calib.:

2014.05.12

Start Time: 15:50:01

End Time:

21:38:30

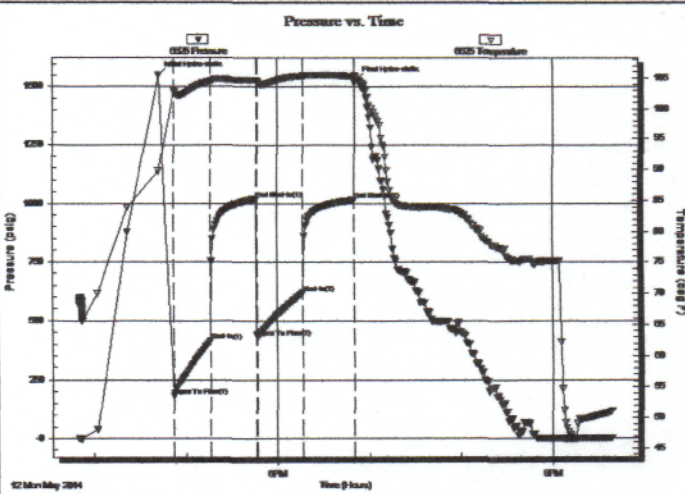
Time On Btm:

2014.05.12 @ 16:42:00

Time Off Btm:

2014.05.12 @ 18:51:30

TEST COMMENT: LF. - 30 - BOB in 45 sec
LS.I. - 30 - No blow back
F.F. - 30 - BOB in 1 1/2 min
F.S.I. - 30 - No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1550.85	89.80	Initial Hydro-static
10	182.33	102.92	Open To Flow (1)
34	414.11	104.44	Shut-In(1)
64	1019.35	104.67	End Shut-In(1)
65	432.14	104.42	Open To Flow (2)
95	617.38	105.37	Shut-In(2)
128	1013.60	105.31	End Shut-In(2)
130	1528.91	105.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	S,O,S,M,W, 10%M 90%W (FEW OIL SP)	1.77
63.00	S,O,C,W,G,M, 10%O 10%W 30%G 50%	0.88
819.00	CLEAN OIL 100%	11.49
315.00	S,M,C,H,W,C,G,O 5%M 30%W 30%G	4.42
315.00	S,M,C,W,G,O 5%M 10%W 15%G 70%O	4.42

* Recovery from multiple tests

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 57625

Printed: 2014.05.15 @ 13:47:07

QUALITY OILWELL CEMENTING, INC.

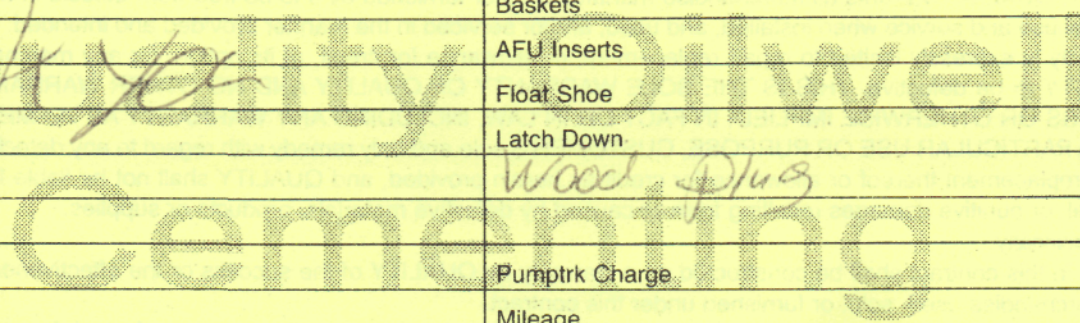
Federal Tax I.D.# 20-2886107

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

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

No. 427

Date	5-7-14	Sec.	4	Twp.	15	Range	14	County	Russell	State	8.30pm	On Location	8.30pm	Finish	10.00pm
Lease								Location		Russell Sto Watters RD					
Schmitt								Well No.	9						
Contractor								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.					
Southwind								1/2 W Ninto							
Type Job								Surface							
Hole Size				T.D.				Charge To							
12 1/4				430 ft				Man Oil							
Csg.				Depth				Street							
8 5/8				430.37											
Tbg. Size				Depth				City				State			
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.				Shoe Joint				Cement Amount Ordered							
20 ft				20 ft				275 60/40							
Meas Line				Displace				30 c.c. 240 gal							
				26. BDI											
EQUIPMENT								Common							
Pumptrk		No.	Cementer		Helper		MATH								
Bulktrk		No.	Driver		Driver		DUVE								
Bulktrk		No.	Driver		Driver		CLAYTON								
JOB SERVICES & REMARKS								Hulls							
Remarks:								Salt							
Rat Hole								Flowseal							
Mouse Hole								Kol-Seal							
Centralizers								Mud CLR 48							
Baskets								CFL-117 or CD110 CAF 38							
D/V or Port Collar								Sand							
Cement did								Handling							
Circulate								Mileage							
								89.15 FLOAT EQUIPMENT							
								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Wood Plug							
								Pumptrk Charge							
								Mileage							
								Tax							
								Discount							
X Signature								Total Charge							
Judy Shier															



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. 428

Date	05-13-14	Sec.	4	Twp.	15	Range	14	County	Russell	State	KS	On Location	1200 pm	Finish	4:15 pm
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Lease Schmitt Location Russell Sta Walters RD

Well No. 9 Owner How Ninto

Contractor Southland 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 Lane String Charge To Oil

Hole Size 7 7/8 T.D. 3291 Street Ma oil

Csg. 5 1/2 Depth 3277 City _____ State _____

Tbg. Size _____ Depth _____ The above was done to satisfaction and supervision of owner agent or contractor.

Tool _____ Depth _____

Cement Left in Csg. 2151 Shoe Joint 2151 Cement Amount Ordered 125 60/40 2% gel

Meas Line 14 Displace 79.4 BBL 15% salt + 1/4 flow

EQUIPMENT

Pumptrk	16	No.	Cementer		Common	100 60/40 2% gel 10%
			Helper		Poz. Mix	salt + 1/4 flow
Bulktrk	1	No.	Driver		Gel.	
			Driver		Calcium	
Bulktrk	15	No.	Driver		Hulls	
			Driver		Salt	

JOB SERVICES & REMARKS

Remarks:		Salt
Rat Hole	<u>30 SWS</u>	Flowseal
Mouse Hole		Kol-Seal
Centralizers	<u>+ 1-10 Reg 21, 23</u>	Mud CLR 48 <u>1000 gal</u>
Baskets	<u>#7, 11</u>	CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand
Abutment Circulats		Handling
Drill Bit		Mileage
Rock Shear off Circulats		

FLOAT EQUIPMENT

<u>US min Plug Rat hole</u>		Guide Shoe
<u>mix 195 down hole</u>		Centralizer <u>2 12 tub 605</u>
<u>displaced 80 BBL</u>		Baskets
<u>Lift 800 AST</u>		AFU Inserts
<u>Land 1500</u>		Float Shoe
<u>Thank you!</u>		Latch Down <u>1</u>
		<u>PST packer shoe</u>
		Pumptrk Charge
		Mileage

Signature <u>Kend</u>	Tax	
	Discount	
	Total Charge	