CORRECTION #1

Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1155989

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 # 5135
Name: Farmer, John O., Inc.
Address 1: 370 W WICHITA AVE
Address 2: PO BOX 352
City: RUSSELL State: KS Zip: 67665 + 2635
Contact Person: Marge Schulte
Phone: (785) 483-3144
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Austin Klaus
Purchaser: Coffeyville Resources

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 #:

05/03/2013	05/08/2013	06/14/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-137-20645-00-00
Spot Description:
NW SE NW NE Sec. 2 Twp. 4 S. R. 24 ☐ East ☑ West
760 Feet from ☑ North / ☐ South Line of Section
1740 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Norton
Lease Name: Schoen B Well #: 9
Field Name: Norton
Producing Formation: Arbuckle
Elevation: Ground: 2441 Kelly Bushing: 2449
Total Vertical Depth: 3840 Plug Back Total Depth: 3782
Amount of Surface Pipe Set and Cemented at: 265 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 2037 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: 14000 ppm Fluid volume: 320 bbls
Dewatering method used: Evaporated
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: 08/06/2013
☑ **Confidential Release Date:** 08/06/2015
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 08/21/2013

CORRECTION #1
Page Two

1155989

Operator Name: Farmer, John O., Inc. Lease Name: Schoen B Well #: 9

Sec. 2 Twp. 4 S. R. 24 ☐ East ☑ West County: Norton

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:
Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name: Attached Top: Attached Datum: Attached

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
Surface	12.25	8.625	23	265	Common	160	3% C.C., 2% gel
Production	7.875	5.50	14	3838	Common	145	10% salt
Port Collar	0	0	0	2037	QMDC	350	

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
4	3764-69' (Arbuckle)	None - completed natural	

TUBING RECORD: Size: 2-3/8" Set At: 3776' Packer At:

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR.: 07/02/2013

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5.95		79.05		29

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
3764-69'
(Arbuckle)

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	Schoen B 9
Doc ID	1155989

All Electric Logs Run

Micro Resistivity Log
Dual Induction Log
Compensated Density Neutron Log
Cement Bond Log

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	Schoen B 9
Doc ID	1155989

Tops

Name	Top	Datum
Anhydrite	2022'	(427)
Heebner	3468'	(-1019)
Toronto	3494'	(-1045)
Lansing	3509'	(-1060)
Base/KC	3692'	(-1243)
Arbuckle	3764'	(-1315)
Reagan	3784'	(-1335)
Granite	3794'	(-1345)
L.T.D.	3838'	(-1389)

Summary of Changes

Lease Name and Number: Schoen B 9

API/Permit #: 15-137-20645-00-00

Doc ID: 1155989

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	08/07/2013	08/21/2013
Date of First or Resumed Production or SWD or Enhr	07/10/2013	07/02/2013
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1154282	../../kcc/detail/operatorEditDetail.cfm?docID=1155989

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1154282

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

CONFIDENTIAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5135
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City: RUSSELL State: KS Zip: 67665 + 2635
Contact Person: Marge Schulte
Phone: (785) 483-3144
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Austin Klaus
Purchaser: Coffeyville Resources

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] 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 #:

05/03/2013	05/08/2013	06/14/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-137-20645-00-00
Spot Description:
NW - SE - NW - NE Sec. 2 Twp. 4 S. R. 24 [ ] East [x] West
760 Feet from [x] North / [ ] South Line of Section
1740 Feet from [x] East / [ ] West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- [x] NE
- [ ] NW
- [ ] SE
- [ ] SW

County: Norton
Lease Name: Schoen B Well #: 9
Field Name: Norton
Producing Formation: Arbuckle
Elevation: Ground: 2441 Kelly Bushing: 2449
Total Depth: 3840 Plug Back Total Depth: 3782
Amount of Surface Pipe Set and Cemented at: 265 Feet
Multiple Stage Cementing Collar Used? [x] Yes [ ] No
If yes, show depth set: 2037 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: 14000 ppm Fluid volume: 320 bbls
Dewatering method used: Evaporated
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

- [x] Letter of Confidentiality Received
  Date: 08/06/2013
- [ ] Confidential Release Date:
- [x] Wireline Log Received
- [x] Geologist Report Received
- [ ] UIC Distribution

ALT [ ] I [x] II [ ] III Approved by: NAOMI JAMES Date: 08/07/2013

Operator Name: Farmer, John O., Inc. Lease Name: Schoen B Well #: 9

Sec. 2 Twp. 4 S. R. 24 ☐ East ☑ West County: Norton

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	
Samples Sent to Geological Survey	☑ Yes	☐ No	
Cores Taken	☐ Yes	☑ No	
Electric Log Run	☑ Yes	☐ No	
Geologist Report / Mud Logs	☐ Yes	☐ No	

List All E. Logs Run: Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

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
Surface	12.25	8.625	23	265	Common	160	3% C.C., 2% gel
Production	7.875	5.50	14	3838	Common	145	10% salt
Port Collar	0	0	0	2037	QMDC	350	

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	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/ Injection: 07/02/2013

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5.95		79.05		29

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
3764-69'	
(Arbuckle)	

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
4					None - completed natural

TUBING RECORD: Size: 2-3/8" Set At: 3776' Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	Schoen B 9
Doc ID	1154282

All Electric Logs Run

Micro Resistivity Log
Dual Induction Log
Compensated Density Neutron Log
Cement Bond Log

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	Schoen B 9
Doc ID	1154282

Tops

Name	Top	Datum
Anhydrite	2022'	(427)
Heebner	3468'	(-1019)
Toronto	3494'	(-1045)
Lansing	3509'	(-1060)
Base/KC	3692'	(-1243)
Arbuckle	3764'	(-1315)
Reagan	3784'	(-1335)
Granite	3794'	(-1345)
L.T.D.	3838'	(-1389)

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	Schoen B 9
Doc ID	1154282

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3764-69' (Arbuckle)	None - completed natural	

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	Schoen B 9
Doc ID	1154282

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	265	Common	160	3% C.C., 2% gel
Production	7.875	5.50	14	3838	Common	145	10% salt
Port Collar	0	0	0	2037	QMDC	350	

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

Kansas
Corporation Commission

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

August 06, 2013

Marge Schulte
Farmer, John O., Inc.
370 W WICHITA AVE
PO BOX 352
RUSSELL, KS 67665-2635

Re: ACO1
API 15-137-20645-00-00
Schoen B 9
NE/4 Sec.02-04S-24W
Norton 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,
Marge Schulte

AUSTIN B. KLAUS

Cell 785.650.3629
Work 785.483.3145
Ext 225

PO BOX 352
Russell, KS 67665
austin.klaus@johnofarmer.com

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name:	**Schoen B #9**		
Location:	**Norton County**		
License Number:	**API #15-137-20645-00-00**	**Region:**	**Kansas**
Spud Date:	**5/3/2013**	**Drilling Completed:**	**5/7/2013**
Surface Coordinates:	**Section 2 - Township 4 South - Range 24 West** **760' FNL & 1,740' FEL**		
Bottom Hole Coordinates:	**Vertical well with minimal deviation, same as above**		
Ground Elevation (ft):	**2,441'**	**K.B. Elevation (ft):**	**2,449'**
Logged Interval (ft):	**3,250'** **To: RTD**	**Total Depth (ft):**	**3,840'**
Formation:	**Lansing, Arbuckle, Granite**		
Type of Drilling Fluid:	**Chemical (Andy's)**		

OPERATOR

Company:	**John O. Farmer, Inc.**
Address:	**P.O. Box 352** **Russell, KS 67665-0352**

Comments

The Schoen B #9 well was drilled by WW Drilling Rig #12(Tool Pusher: Calvin Pfannenstiel).

The location for the Schoen B #9 well was found via 3-D seismic survey. Based on the samples and wireline logs that were evaluated, the decision was made run 5 1/2" production casing to further evaluate the Schoen B #9 well on 5/8/13.

ROCK TYPES

Anhy, Bent, Brec, Cht, Clyst, Coal, Congl, Dol, Gyp, Igne, Lmst, Meta, Mrlst, Salt, Shale, Shcol, Shgy, Sltst, Ss, Till

OTHER SYMBOLS

POROSITY
- E Earthy
- Fenest
- F Fracture
- Inter
- Moldic
- Organic
- P Pinpoint
- V Vuggy

SORTING
- W Well
- M Moderate
- P Poor

ROUNDING
- R Rounded
- r Subrnd
- a Subang
- A Angular

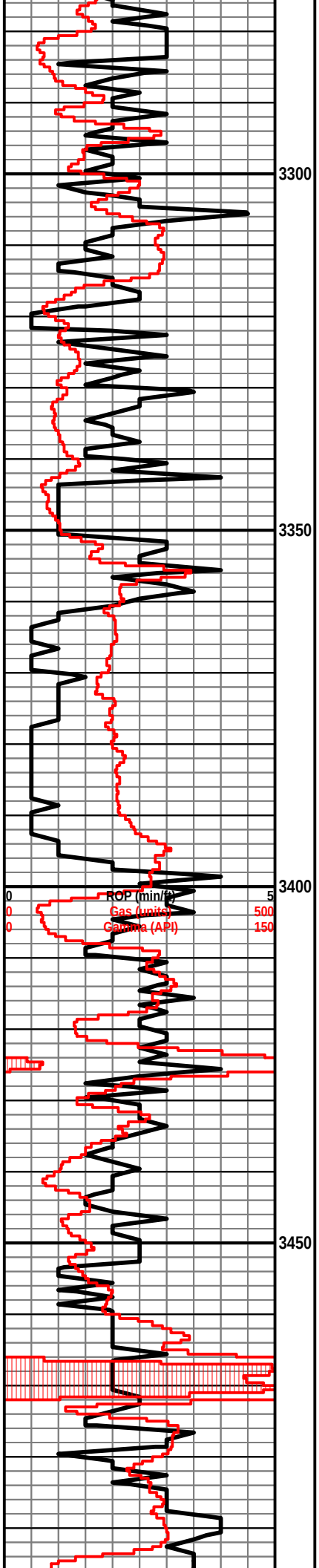
OIL SHOW
- Even

- Spotted
- Ques
- D Dead

INTERVAL
- Core
- Dst

EVENT
- Rft
- Sidewall

Curve Track 1 (ROP (min/ft), Gas (units), Gamma (API))	Depth	Lithology	Oil Shows	Geological Descriptions	Drill Stem Tests
0 ROP (min/ft) 5 0 Gas (units) 500 0 Gamma (API) 150 5/3/13 @ 2:45 pm Spud 5/4/13 @ 7:00am Drlg, 680' 5/5/13 @ 7:00 am Drlg, 2,570' 5/6/13 @ 7:00 am Drlg, 3,261'	3200 3250			The open-hole logging was performed by Mr. Gus Pfannenstiel with Gemini Wireline, LLC (Hays, KS). Logs included: Compensated Density/Compensated Neutron, Dual Induction, and Micro Resistivity. Formation tops and datums from the open-hole logs include the following: Anhydrite 2022 427 Heebner 3468 -1019 Toronto 3494 -1045 Lansing 3509 -1060 B/KC 3692 -1243 Arbuckle 3764 -1315 Reagan 3784 -1335 Granite Ws Granite 3794 -1345 RTD 3838 -1389 Ls: tan-lt gry, fn-sub xln, mostly DNS, NSFO, sl fossil Sh: drk gry-brn-grn, soft Ls: off wh-lt gry, fn-sub xln, mostly DNS, sl fossil, NSFO	Mud Engineer: Ken Rupp Tester: No Tests



Topeka 3279' (-830)

Ls: off wh-tan, fn xln, poor int xln porosity, fossil, mostly barren, NSFO, chalky

Ls: ala, chert-off wh

Ls: off wh-tan, fn xln, poor pp vuggy porosity, sl fossil, chalky, NSFO

Ls: ala

Sh: drk gry-brn-red

Ls: off wh-lt gry, fn-sub xln, mostly DNS, chalky

Ls: ala, sl fossil

Sh: drk gry-brn

Ls: tan-lt gry, fn-sub xln, mostly DNS, chalky

Ls: ala

Ls: tan-gry, fn-sub xln, mostly DNS, sl ool, fossil, chalky

Sh: gry-lt gry, soft

Sh: gry-brn-grn, soft

Ls: tan-lt gry, fn-sub xln, DNS, sl fossil

Ls: ala

Sh: drk gry-red

Sh: gry-brn-red, soft

Ls: tan-gry, fn-sub xln, mostly DNS, vry fossil, NSFO

Sh: drk gry

Ls: tan-gry, fn xln, sl ool, fossil, NSFO, chalky

Ls: ala

Ls: off wh-lt gry, fn xln, fossil, poor int xln & fossil porosity, NSFO, vry chalky

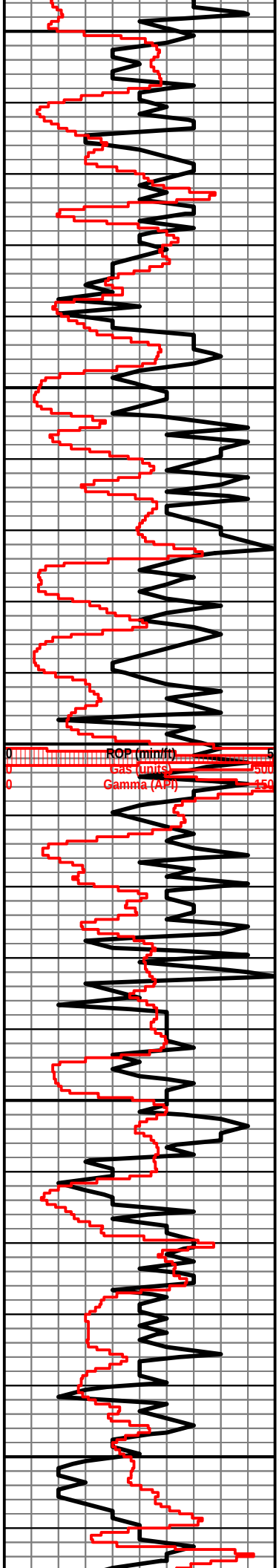
Heebner 3473' (-1024)

Sh: drk gry-blk, carb, fissile

Sh: gry-brn-grn

Sh: gry-brn-red, vry soft

Vis: 61
Wt: 8.8
LCM: 2#



Toronto 3499' (-1050)

Ls: off wh-tan, fn xln, sl ool, mostly DNS, NSFO

Sh: drk gry-blk

Lansing 3511' (-1062)

Ls: off wh-tan, fn xln, ool, poor-fair ool & int xln porosity, sl oil st, SSFO, sl odor

Sh: drk gry-brn, soft

Ls: off wh-tan, fn xln, poor int xln porosity, NSFO, chalky

Ls: off wh, ool, poor-fair ool & int xln porosity, SSFO, sl-fair odor, fossil

Sh: drk gry-brn-red, soft

Ls: off wh, fn xln, ool, poor ool & int xln porosity, fair oil st in porosity, SSFO, sl odor, chert-off wh

Ls: off wh, fn xln, sl ool, sl chalky, NSFO

Sh: lt gry-red, soft

Ls: off wh, fn xln, poor pp vuggy porosity, NSFO, chert-off wh, chalky

Sh: lt gry, soft

Ls: off wh-tan, fn xln, ool, NSFO, sl chalky

Sh: lt-drk gry-blk-drk brn, soft

Sh: lt gry

Ls: off wh, fn xln, ool, poor ool & int xln porosity, lt oil st, VSSFO, sl odor, sl fossil

Ls: lt gry-tan, fn-sub xln, mostly DNS, sl chalky

Sh: drk gry-brn-red

Ls: off wh-tan, fn xln, poor pp vuggy porosity, sl oil st in porosity, NSFO, no odor, sl fossil

Sh: drk gry-brn-red, fw pcs grn

Ls: off wh-tan, fn-sub xln, mostly DNS, fossil, chert-off wh

Sh: gry-brn-red, fw pcs soft

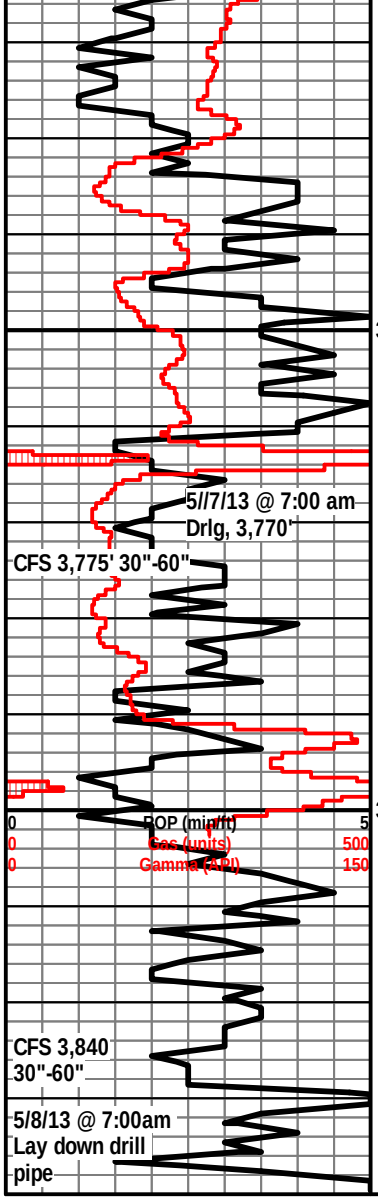
Ls: off wh-lt gry, fn xln, poor int xln porosity, sl dead oil st in porosity, VSSFO, no odor, chalky, sl chert-off wh

BKC 3794'-96' (-1245)

Sh: drk gry-brn-red, fw pcs grn

Sh: gry-drk brn-red, soft

Ls: off wh-tan, fn-sub xln, DNS, sl chert-off wh



Sh: gry-brn-red, vry soft

Sh: ala

Ls: off wh-tan, fn xln, ool, poor ool porosity, sl oil st in porosity, NSFO, no odor

Qtz: wh, fn grn, fairly well rounded, poor-fairly sorted, well cemented, NSFO

Qtz: ala

Sh: lt gry-brn-grn, vry soft; Chert-off wh

Sh: lt gry, vry soft

Arbuckle 3769' (-1320)

Dolo: tan, fn sucrosic xln, glauc, fair int xln & pp vuggy porosity, GSFO, good odor, bright yel fluor

Dolo: ala, Sh: lt gry-drk brn

Reagan Sand 3781' (-1332)

Qtz: fn-vry fn grn, fairly well rounded, well sorted, poorly cemented, fair int grn porosity, GSFO, good odor

Sh: drk gry-brn

Granite Wash 3792' (-1341)

Qtz: pink, fn grn, well sorted, sub rounded, well cemented, NSFO, no odor

Qtz: pink-clr, fn-md grn, poorly sorted, sub rounded-angular, well cemented, NSFO, no odor

Qtz: ala

Qtz: pink, fn grn, poorly sorted, angular, well cemented, NSFO, no odor

Vis: 69
Wt: 9.4
LCM: 2#

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

Kansas
Corporation Commission

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

June 19, 2013

RECEIVED JUN 2 0 2013

John O. Farmer, Inc.
P. O. Box 352
Russell, Kansas 67665

COPY

RE: Exception to Alternate II Cementing Requirements
Schoen B # 9
SENWNE section 2-4-24W
Norton County, Kansas
API # 15-137-20645-00-00

Dear Mr. Farmer,

The Kansas Corporation Commission (KCC) has received your request, dated June 12, 2013, through District 4 Supervisor for an exception to Alternate II cementing requirements for the above referenced well. From this request, the KCC understands that subject well was not cemented to surface as required by the Alternate II option. Referenced well has 263 feet of surface casing set with 160 sacks of cement circulated to surface. A Cement Bond log indicates cement was circulated to 850 feet from a port collar at 2,037 feet with 350 sacks of cement. The bottom of fresh water is reported at 200 feet with the bottom of usable water listed at 1,250 feet.

After review of this matter by technical staff it was determined that:

1. Surface casing was set deeper than fresh water source in the area with cement coverage to protect the shallow aquifers.
2. All fresh and usable water sources are adequately protected with cement coverage and any remaining intervals not covered by cement contain no fresh or useable water zones.
3. The Dakota appears to be adequately isolated with cement and any remaining intervals not cemented contain no fresh or usable water nor present any threat of contamination from the shales in the interval.

Based on this information that the fresh and usable water zones are adequately protected with cement coverage and that any remaining intervals not cemented behind the production casing contain no threat of contamination from the shales in the intervals. Therefore, an exception is granted for the Alternate II requirement.

Sincerely,

Barry Metz
Interim Director

cc: Case Morris – District 4
Steve Bond – Production Supervisor

KCC has granted exception to bring cement to surface; we have sufficient coverage where we are at.

ALLIED OIL & GAS SERVICES, LLC 060284

Federal Tax I.D. # 20-8661475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
5/3/13	2	4	24			6:30 Pm	7:00 Pm

LEASE	WELL #	LOCATION	COUNTY	STATE
Schoen	9	Norton S To Rds - 5¼ W	Norton	Ks.
OLD OR (NEW) (Circle one)		Sinto		

CONTRACTOR WW - 12
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D. 265'
CASING SIZE 8 5/8 DEPTH 264.97'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 16.87

OWNER Same

EQUIPMENT

PUMP TRUCK CEMENTER Duen Racette
120 HELPER Tyler Flipse
BULK TRUCK
600 DRIVER Kevin Ryan
BULK TRUCK
DRIVER

CEMENT

AMOUNT ORDERED 160 SKs Com 3% CC 2% Gel

COMMON	160 SKs	@ $17.90	$2864.00
POZMIX		@	
GEL	3 SKs	@ $23.40	$70.20
CHLORIDE	6 SKs	@ $64.00	$384.00
ASC		@	
HANDLING	173.02 CF X	@ $2.48	$429.07
MILEAGE	2.90 X 97 X	$2.60	$7992.38
		TOTAL	$5739.67

REMARKS:

mix 160 sks Cement
Displace with Water
Cement Did Circulate

Thank You.

SERVICE

DEPTH OF JOB 264.97'
PUMP TRUCK CHARGE $1512.25
EXTRA FOOTAGE @
MILEAGE 50 @ $7.70 $385.00
MANIFOLD Swedge @ NC $ NC
LU mileage @ 4.40 $220.00
@
TOTAL $2,117.25

CHARGE TO: John O Farmer
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@
@
@
@
@
TOTAL

To: Allied Oil & Gas Services, 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)
TOTAL CHARGES 7,856.92
DISCOUNT 2,042.79 IF PAID IN 30 DAYS
5,814.12 Net.

PRINTED NAME Calvin Pfannenstiel

SIGNATURE

JOB LOG

SWIFT Services, Inc.

DATE 5-8-13 | PAGE NO.

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
John O Farmer	9	Schoen B	5½ Long String	24408

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0820							on location
								TD 3840 55 22.46
								TP 3840 Insert 3817
								PC top 43 5½" x 14#
								Centralizer 1, 3, 5, 7, 9, 42
								Basket 10, 43
	0950							Start Casing
	1030							Drop Ball Break Circulation Rotate
	1245		7					Plug Rt 30 sks
	1250	5	12		✓		200	Start Mud flush
		5	20		✓		200	Start KCL flush
	1255	5	35				200	Start Cement
	1308							Drop Plug
								wash out Pump + Lines
	1310				✓			Start Displacement
	1330		93.1		✓		1500	land Plug
	1335							Release Dry
								wash up Rack up
	1415							Job Complete
								Thank You
								Josh, Brian, Rob

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665 No. 6909

Cell 785-324-1041

Date 6-4-13	Sec.	Twp.	Range	County Norton	State KS	On Location	Finish 5:00pm

Location Norton 6S RD 5 3/4W S into

Lease Schoen B Well No. 9

Contractor POE Well Service

Type Job Port Collar

Hole Size 7 7/8 T.D.

Csg. 5 1/2 Depth

Tbg. Size 2 3/8 Depth

Tool Port Collar Depth 2037

Cement Left in Csg. Shoe Joint

Meas Line Displace 78BL

EQUIPMENT

Pumptrk 17 No. Cementer Craig

Helper

Bulktrk No. Driver Cody

Driver

Bulktrk 12 No. Driver

Driver Chad

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Port Collar 2037 Test to 1000# Open tool & Pump 80BL mud Wait 2 HRS & Pump 80BL mud. No Circulation. Close Tool Test to 1000#. Reverse out.

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.

Charge To J.O. Farmer

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 400 QMDC 1/4# FL10

Common	
Poz. Mix	
Gel.	
Calcium	
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling 400	
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge port collar pumping	
Mileage 63	
Tax	
Discount	
Total Charge	

X Signature Duane Eshman

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665 No. 6917

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6-11-13				Norton	KS		3:00 p.m.

Location Norton 6s Rd 5 5 1/2w S. into

Lease Shoen B Well No. 9

Contractor Poe Well Service

Type Job Port Collar

Hole Size 7 7/8 T.D.

Csg. 5 1/2 Depth

Tbg. Size 2 3/8 Depth

Tool Port Collar Expert Depth 2037

Cement Left in Csg. Shoe Joint

Meas Line Displace 60 BL

EQUIPMENT

Pumptrk 17 No. Cementer Helper Jarig

Bulktrk No. Driver Driver Cody

Bulktrk 13 No. Driver Driver Chad

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Test 5 1/2 to 1000#. Held. Open Tool & Pump ~~[illegible]~~ 160 BL mud & 100SK Cement & 80 BL mud. Wait 1 hr & mix 150SK Wait 15 min mix 150SK ~~Wait 15 min mix 50~~ & Displace.

Cement Did Not Circulate.

Close Tool & Test to 1000#.

Run. 5 joints & Wash Clean.

X Signature Shane Eichman

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.

Charge To J.O. Farmer

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 350 60/40 POZ 1/4# Flo

USED 350SK

Common	350
Poz. Mix	
Gel.	
Calcium	
Hulls	
Salt	
Flowseal	87#
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	350
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	port collar
Mileage	63
Tax	
Discount	
Total Charge	