



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1121020
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: _____



1121020

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Nemaha Oil and Gas LLC
Well Name	Cooper 2A-26-34-8
Doc ID	1121020

Tops

Name	Top	Datum
Penn LS	634	394
Penn SS A	985	43
Penn SS B	1321	-293
Penn SS C	1550	-522
Penn SS D	1616	-588
Kansas City Group	1737	-709
Pawnee LS	2058	-1030
Cherokee (Penn) Shale	2194	-1166
Mississippi Lime	2406	-1378
Woodford	2782	-1754
Arbuckle	2791	-1763

12/10/2012

#255278



3390000565

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	NEMAHA	State, County	Chautauqua, Kansas	Cement Type	CLASS A
Job Type	SURF	Section	6	Excess (%)	50
Customer Acct #	5678	TWP	24	Density	14.5
Well No.	COOPER 2A-26-34-8 SWD	RGE	15	Water Required	
Mailing Address		Formation		Yield	1.51
City & State		Hole Size	12.250	Slurry Weight	
Zip Code		Hole Depth		Slurry Volume	
Contact		Casing Size	9 5/8	Displacement	11.7
Email		Casing Depth	151.84	Displacement PSI	150
Cell		Drill Pipe		MIX PSI	150
Dispatch Location	BARTLESVILLE	Tubing		Rate	3.15
Code	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit	
5401S	CEMENT PUMP (SURFACE PIPE)	1	2 HRS MAX	\$825.00	\$ 825.00
5406	EQUIPMENT MILEAGE (ONE-WAY)	60	PER MILE	\$4.00	\$ 240.00
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	\$350.00	\$ 350.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
5402	FOOTAGE	150	PER FOOT	0.22	\$ 33.00
				EQUIPMENT TOTAL	\$ 1,448.00
Cement, Chemicals and Water					
1126	WC. CEMENT (CAL SEAL) 6%OWC, 2% CAL. CHLORIDE 2% GE	60.00	0	\$18.80	\$ 1,128.00
1118B	PREMIUM GEL/BENTONITE (50#)	150.00	0	\$0.21	\$ 31.50
1107A	PHENOSEAL	80.00	0	\$1.29	\$ 103.20
1123	CITY WATER (PER 1000 GAL)	4.20	0	\$16.50	\$ 69.30
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
				CHEMICAL TOTAL	\$ 1,332.00
Water Transport					
5501C	WATER TRANSPORT (CEMENT)	5	TER TRANSPORT (CEME	\$112.00	\$ 560.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
				TRANSPORT TOTAL	\$ 560.00
Cement Floating Equipment (TAXABLE)					
Cement Basket					
0			0	\$0.00	\$ -
Centralizer					
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
Float Shoe					
0			0	\$0.00	\$ -
Float Collars					
0			0	\$0.00	\$ -
Guide Shoes					
0			0	\$0.00	\$ -
Baffle and Flapper Plates					
0			0	\$0.00	\$ -
Packer Shoes					
0			0	\$0.00	\$ -
DV Tools					
0			0	\$0.00	\$ -
Ball Valves, Swedges, Clamps, Misc.					
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
Plugs and Ball Sealers					
4415	9 5/8" RUBBER PLUG (TOP)	1	PER UNIT	\$152.00	\$ 152.00
0			0	\$0.00	\$ -
				CEMENT FLOATING EQUIPMENT TOTAL	\$ 152.00
				SUB TOTAL	\$ 3,492.00
				SALES TAX	\$ 123.17
				TOTAL	\$ 3,615.17
				(-DISCOUNT)	\$ 361.52
				DISCOUNTED TOTAL	\$ 3,253.65

Nemaha Oil and Gas, LLC
 DRLO / COMP Date: 12/10/12
 Well Name: Cooper 2A-26-34-8 SWD
 AFE #: Lot EL 12003 Cost Code: 1510-14
 Field Approval: [Signature]
 Supervisor: [Signature]

DRIVER NAME	
674	Donnie
419	JAMES N
579	HARRISON F
403 T64	JEFF F

AUTHORIZATION _____
 DATE _____

TITLE _____
 FOREMAN [Signature]

12/10/2012



3390000565

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	NEMAHA	State, County	Chautauqua , Kansas	Cement Type	CLASS A
Customer Acct #	SURF	Section	6	Excess (%)	50
Well No.	0	TWP	24	Density	14.5
Mailing Address	COOPER 2A-26-34-8 SWD	RGE	15	Water Required	0
City & State	0	Formation	0	Yeild	1.51
Zip Code	0	Hole Size	12.250	Slurry Weight	0
Contact	0	Hole Depth	0	Slurry Volume	0
Email	0	Casing Size	9.625	Displacement	11.7
Cell	0	Casing Depth	151.84	Displacement PSI	150
Office	0	Drill Pipe	0	MIX PSI	150
Dispatch Location	BARTLESVILLE	Tubing	0	Rate	3,1.5

REMARKS

SAFTY MTG. RIG UP. EST CIRC WITH GEL AND H2O. RUN 60SX OWC MIX WITH PHENO. SWAP VALVES AND RELEASE PLUG.
DISP 11.7 BBLS TO LAND PLUG @ 700#. RELEASE TO SET PLUG. SHUT PC IN AND LEAVE. CMT TO SURF.

THANK YOU

A series of horizontal lines for additional notes or remarks.

2/1/2013

256527



3390000586

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	NEMAHA	State, County	Oklahoma	Cement Type	CLASS A
Job Type	LS	Section	5-Feb	Excess (%)	10/20
Customer Acct #	5078	TWP	24	Density	13.6/14.5
Well No.	COOPER 2A 36-24-8SWD	RGE	8	Water Required	7.2/7.28
Mailing Address		Formation		Yield	1.47/1.51
City & State		Hole Size	8.75	Slurry Weight	
Zip Code		Hole Depth	3575	Slurry Volume	
Contact		Casing Size	7	Displacement	109/24
Email		Casing Depth	2853.28	Displacement PSI	900/500
Cell		Drill Pipe		MIX PSI	200/200
Dispatch Location	BARTLESVILLE	Tubing		Rate	3-5.58PM

Code	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit	
5401	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	\$1,030.00	\$ 1,030.00
5406	EQUIPMENT MILEAGE (ONE-WAY)	65	PER MILE	\$4.00	\$ 260.00
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	2	PER LOAD	\$350.00	\$ 700.00
5609	MISC PUMP (CEMENT TRUCK)	4	PER HOUR	\$200.00	\$ 800.00
5619	7" PLUG CONTAINER	1	0	\$215.00	\$ 215.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
5402	PER FOOT	2,850	PER FOOT	0.22	\$ 627.00
EQUIPMENT TOTAL					\$ 3,632.00

Code	Cement, Chemicals	Quantity	Unit	Price per Unit	
1131	60/40 POZMIX CEMENT W/ NO ADDITIVES (40% POZ)	260.00	0	\$12.65	\$ 3,289.00
1107A	PHENOSEAL	120.00	0	\$1.29	\$ 154.80
1111	GRANULATED SALT (50#) SELL BY #	250.00	0	\$0.37	\$ 92.50
1118B	PREMIUM GEL/BENTONITE (50#)	450.00	0	\$0.21	\$ 94.50
3123	DIACEL FL. FLUID LOSS (50#/SX) sell by #	200.00	0	\$13.75	\$ 2,750.00
1126	OWC. CEMENT (CAL SEAL) 6%OWC. 2% CAL. CHLORIDE 2% GE	75.00	0	\$18.80	\$ 1,410.00
1123	CITY WATER (PER 1000 GAL)	5.00	0	\$16.50	\$ 82.50
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
CHEMICAL TOTAL					\$ 7,873.30

Code	Water Transport	Quantity	Unit	Price per Unit	
5501C	WATER TRANSPORT (CEMENT)	14	WATER TRANSPORT (CEME	\$112.00	\$ 1,568.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
TRANSPORT TOTAL					\$ 1,568.00

Cement Floating Equipment (TAXABLE)					
0	Cement Basket		0	\$0.00	\$ -
0	Centralizer		0	\$0.00	\$ -
0			0	\$0.00	\$ -
0	Float Shoe		0	\$0.00	\$ -
0	Float Collars		0	\$0.00	\$ -
0	Guide Shoes		0	\$0.00	\$ -
0	Baffle and Flapper Plates		0	\$0.00	\$ -
0	Packer Shoes		0	\$0.00	\$ -
0	DV Tools		0	\$0.00	\$ -
0	Ball Valves, Swedges, Clamps, Misc.		0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0	Plugs and Ball Sealers		0	\$0.00	\$ -
0	Downhole Tools		0	\$0.00	\$ -
CEMENT FLOATING EQUIPMENT TOTAL					\$ -

DRIVER NAME			
674	Donnie	8.30%	SUB TOTAL \$ 13,073.30
700 T133	MATT MICKELSON		SALES TAX \$ 853.99
72 T219	ANTHONY S		TOTAL \$ 13,726.79
579	ARRON S	10% (-DISCOUNT)	\$ 1,372.68
TP	EARL		DISCOUNTED TOTAL \$ 12,354.11

AUTHORIZATION

DATE

TITLE

FOREMAN

Co. Man signed on 2nd page

2/1/2013



3390000586

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	NEMAHA	State, County	, Oklahoma	Cement Type	CLASS A
Customer Acct #	LS	Section	36	Excess (%)	10/20
Well No.	0	TWP	24	Density	13.6/14.5
Mailing Address	COOPER 2A 36-24-8SWD	RGE	8	Water Required	7.27.28
City & State	0	Formation	0	Yield	1.47/1.51
Zip Code	0	Hole Size	8.75	Slurry Weight	0
Contact	0	Hole Depth	3575	Slurry Volume	0
Email	0	Casing Size	7	Displacement	109/24
Cell	0	Casing Depth	2853.28	Displacement PSI	900/500
Office	0	Drill Pipe	0	MIX PSI	200/200
Dispatch Location	BARTLESVILLE	Tubing	0	Rate	3-5.5BPM

REMARKS

ARRIVE ON LOC AT 520AM WITH CIRCULATING EQUIP. CEMENTERS HERE AT 545AM. RIG UP /SAFTEY MTG WITH RIG HANDS CMTRS AND TOOL MAN. PRESSURE TEST TO 3000# ALL GOOD. INSERT 1ST PLUG AND DISP 5BPM TOO 100 GONE THEN SLOW TO 3.5 TO LAND. LANDED AT 600# LET SIT FOR 5MIN THEN RELEASE WITH APPROX .5BBL RETURN. PUMP AT 2BPM TO 1400# LET FALL TO 1100# PUMP TO 1700# AND LET FALL TO 1400#PUMP TO 2000# AND HELD SOLID. LET SIT FOR 10MIN. RELEASE TO 0. DROP DART AND PUMP BACK INTO WELL TO 800# OPENING FIRST TOOL. WE THEN RUN 10BBLS H2O AHEAD AND GO TO CMT. RUN 260 SX 60/40 CLASS A WITH POZ WITH 2%GEL AND SALT .8 DIACELFL AND .4 PHENO FIGURING 68BBLS SLURRY WE RAN 72. WASH OUT PUMP AND LINES AND TOOL MAN DROP 2ND PLG WE DISP 109BBLS AGAIN LANDING PLUG AT 2600# HOLD FOR 5 MIN AND RELEASE. CMTERS AN TOOL MAN DROP 2ND DART. WAIT APPROX 5MIN THEN SLOWLY PUMP INTO PRESSURING UP TO 800# AND TOOL OPENED. WE THEN EST CIRC AND THEN TURN OVER TO RIG AND THEY CIRC FOR 4HRS (til 130pm) rig up and est cir with h2o. run 75 sx class a cmt with 6%owc 2% cal 2% gel and .4 pheno. Wash out pump and lines and release plug. Disp 4 bpm for first 20 and tool man had us slow to 3 for last 4. plug landed at 24 gone held pressure for 5 min float held good. 75sx yielding 19.36 we ran 22, but no returns

thank you

Nemaha Oil and Gas, LLC
 DRLG 1 COMP Date: 1-1-13
 Well Name: Cooper 2A 24-34-8H
 AFE #: 101FC12003 Cost Code: 1015.14
 Field Approval: _____
 Supervisor: [Signature]

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



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

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

Sam Brownback, Governor

March 25, 2013

Stephen Bennitt
Nemaha Oil and Gas LLC
110 W. 7TH ST., STE 1800
TULSA, OK 74119

Re: ACO1
API 15-019-27278-00-00
Cooper 2A-26-34-8
NW/4 Sec.26-34S-08E
Chautauqua 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.

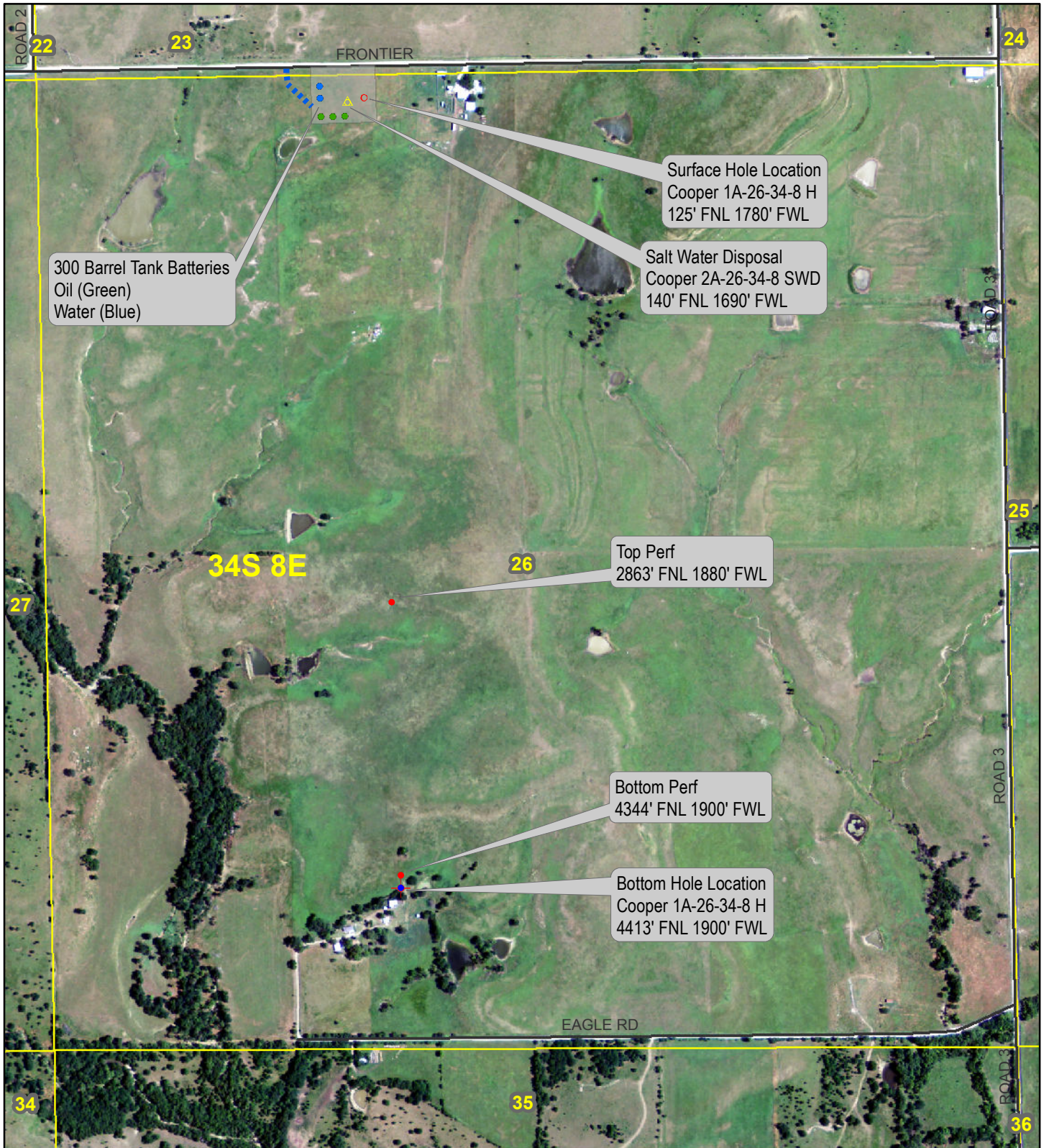
Respectfully,
Stephen Bennitt

Cooper 1A-26-34-8 H

Cooper 2A-26-34-8 SWD

Chautauqua County, KS

Section 26 T34S R8E



March 27, 2013



N E M A H A
O I L A N D G A S

