

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32705
Name: Raney Oil Company, LLC
Address: 3425 Tam O'Shanter Dr.
City/State/Zip: Lawrence KS, 66047
Purchaser: Coffeyville resources
Operator Contact Person: Thomas Raney
Phone: (785) 749-0672
Contractor: Name: American Eagle Drilling
License: 33493
Wellsite Geologist: Duane Stcklein
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: N/A
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
7/25/10 7/29/10 8/22/10
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 065-23665-00-00
County: Graham
W2 E2 SE SW Sec. 3 Twp. 10 S. R. 21 East West
660 feet from (S) / N (circle one) Line of Section
2235 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Miller-Lambert Well #: 14
Field Name: Cooper
Producing Formation: Arbuckle
Elevation: Ground: 2294 Kelly Bushing: 2301
Total Depth: 3868 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 263 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1754 Feet
If Alternate II completion, cement circulated from 1754
feet depth to surf. w/ 250 sx cmt.

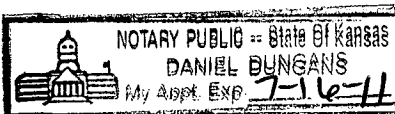
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 5000 ppm Fluid volume 500 bbls
Dewatering method used Let dry
Location of fluid disposal if hauled offsite:
Operator Name: N/A
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Raney Oil Co, LLC, Tom
Title: member Date: 9.15.10
Subscribed and sworn to before me this 15 day of September
20 10.
Notary Public: Daniel Bungans
Date Commission Expires: 07-16-2011

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received **RECEIVED**
 UIC Distribution
Alt 2 - Dlg - 9/21/10 **SEP 20 2010**



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Operator Name: Raney Oil Company, LLC Lease Name: Miller-Lambert Well #: 14
 Sec. 3 Twp. 10 S. R. 21 East West County: Graham

INSTRUCTIONS: Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ANH	1753	+548
Electric Log Run <i>(Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	BANH	1799	+502
List All E. Logs Run:		TOP	3300	-999
None		HEEB	3499	-1198
		LKC	3538	-1462
		ARB	3853	-1552
		RTD	3868	-1567

CASING RECORD <input checked="" 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
Surface		8 5/8		263'		165	390 CC
Production		5 1/2		3867'		250	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1754	400 Lite	250	Flo Seal

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 7/8	3850			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
8/27/10			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	35		150		28	

Disposition of Gas _____ METHOD OF COMPLETION _____ Production Interval 3854 - TD

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Submit ACO-18.) Other (Specify) _____

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ALLIED CEMENTING CO., LLC. 041832

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell K

DATE <u>7-24-10</u>	SEC. <u>3</u>	TWP. <u>10</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>1:45am</u>	JOB FINISH <u>2:15am</u>
<u>Miller</u> LEASE	WELL # <u>14</u>		LOCATION <u>Ellis KS North to County line</u>		COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>West to 380 Rd North to F Rd 1/2 West North into</u>				

CONTRACTOR American Eagle Rig #2

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 263'

CASING SIZE 8 5/8 DEPTH 263'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 15.79 Bbl

OWNER _____

CEMENT

AMOUNT ORDERED 165 com 3% cc 2% Gel

COMMON	<u>165</u>	@	<u>13.50</u>	<u>2,227.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>6</u>	@	<u>51.50</u>	<u>309.10</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>165</u>	@	<u>2.25</u>	<u>371.25</u>
MILEAGE	<u>10 1/2 hrs/mile</u>			<u>995.00</u>
				TOTAL <u>3463.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts

398 HELPER Glenn

BULK TRUCK

473 DRIVER Ron

BULK TRUCK

DRIVER

REMARKS:

Est. Circulation

Mix 165 sk cement

Displace w/ 15.75 Bbl H₂O

Cement did Circulate!

Thank You!

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 991.00

EXTRA FOOTAGE @ _____

MILEAGE 30 @ 7.00 210.00

MANIFOLD @ _____

@ _____

@ _____

CHARGE TO: Raney Oil

STREET _____

CITY _____ STATE _____ ZIP _____

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TOTAL 1701.00

PLUG & FLOAT EQUIPMENT
KCC WICHITA

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

ALLIED CEMENTING CO., LLC. 041840

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

DATE <u>8-3-10</u>	SEC. <u>3</u>	TWP. <u>10</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30am</u>	JOB FINISH <u>12:00pm</u>
LEASE <u>Miller</u>	WELL # <u>14</u>	LOCATION <u>Church of God 2 South</u>			COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>1/2 West North into</u>				

CONTRACTOR P.P.S.
 TYPE OF JOB Top stage - Part Collar
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/4 19# DEPTH _____
 TUBING SIZE 2 3/8 DEPTH 1755
 DRILL PIPE _____ DEPTH _____
 TOOL PC DEPTH 1754 - 56
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 9 Bbl

OWNER _____
 CEMENT (Used 250 sk Cement)
 AMOUNT ORDERED 400 Lite 1/4 # Fla

EQUIPMENT _____
 PUMP TRUCK CEMENTER John Roberts
 # 398 HELPER Glenn
 BULK TRUCK _____
 # 481 DRIVER Justin TMS
 BULK TRUCK _____
 # _____ DRIVER _____

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
<u>Lite 250</u>	@	<u>11.55</u>	<u>2962.50</u>
<u>Flt 5c1 62</u>	@	<u>2.45</u>	<u>151.90</u>
	@		
	@		
	@		
	@		
	@		
HANDLING <u>250</u>	@	<u>2.25</u>	<u>562.50</u>
MILEAGE <u>10/sk/mi.1c</u>			<u>1375.00</u>
TOTAL			<u>5051.90</u>

REMARKS:

Test P.C. @ 800psi: open
Part Collar and Est. circulation
Mix 250 sk cement to circulate
to surface. Displace w/ 9 Bbl
H2O. Close part collar and test
to 800psi. Ran 6 1/2 its tubing and
wash hole clean.
Cement Did Circulate!

Thank You!

CHARGE TO: Raney Oil C
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>991.00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>55</u>	@	<u>7.00</u>	<u>385.00</u>
MANIFOLD	@		
	@		
	@		

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TOTAL 1376.00

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 RUG & FLOAT EQUIPMENT

JOB LOG

SWIFT Services, Inc.

DATE 7-29-10 PAGE NO. 1
 TICKET NO. 18230

CUSTOMER Kenny Dill

WELL NO. #14

LEASE Miller

JOB TYPE Cement Logging

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		TD - 3868' DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TURING	CASING	
	1245					14 1/2	5 1/2	On location Rig LD D.C.
	1330							Fin LD - RP over to Run casing Start 5 1/2" 14 1/2" casing to 3872' Insert float shoe w/ Auto Ball LD Baffle 5' 27' Cent - 1-3-5-7-9-11-13-49 P.C on 50 - @ 1806' Drop ball 5 JTs out
	1445							Try and Hook up Swabber 12' cup Try to cut down only 1' down Lay it down - Hook up Landing off. Rig start cir & Rotate casing
	1500							Fin air
	1515							Plug RH - 30 STS FA-2 and
	1545							Pump 570 gal Need Flush
	1550		7					Pump 80.834 KCL Flush
	1555	5 1/2				150		Start 145 STS FA-2 and
		6						Fin cont. Wash out Pump lines
		4 1/2				150		LD-Plug - Start Displ th D (94)
	1612		35			Var		Caught PRESS - slow rate
	1616	9				200		slow rate
		8	68			300		slow rate
		7 1/2	25			350		slow rate
		6	90			500		slow rate
	1628	5	98			1000		Plug down - Hold - Release & Hold
	1630					1500		Job Complete Wash up & Backup
	1700							<i>[Signature]</i> Kelly Jones Job of Joe

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DUANE STECKLEIN

PETROLEUM GEOLOGIST

579 280TH AVE.

HAYS, KANSAS 67601

785-432-2477



GEOLOGICAL REPORT

Raney Oil Company, LLC

Miller-Lambert #14

(W2-E2-SE-SW)

SEC. 3 TWP. 10s RGE. 21w

Graham County, Kansas

COMMENCED: 7/25/10

COMPLETED: 7/29/10

CONTRACTOR: American Eagle Drilling

SURFACE PIPE: 8 5/8" at 263'

PRODUCTION PIPE: 5 1/2" at 3867'

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Formation Data

Elevation: (2294' G.L.) – (2301' K.B.)
All top formations measured from 2301 K.B.

<u>FORMATION</u>	<u>SAMPLE TOPS</u>	<u>SEA-LEVEL DATUM</u>
Anhydrite	1753	+ 548
Anhydrite Base	1799	+ 502
Topeka	3300	- 999
Heebner	3499	-1198
Toronto	3522	-1221
Lansing-K.C.	3538	-1237
Base-K.C.	3763	-1462
Simpson Sand	3835	-1534
Arbuckle	3853	-1552
R.T.D.	3868	-1567

All samples were examined and described by me on actual location and did not start until a depth of 3400' was reached. All zones and sample tops examined are all true and accurate according to drillers' depth.

One foot drilling time was logged from a depth of 3300' to 3868', and all zones were examined by ten foot samples at a rotary depth of 3300' to 3500'. Five foot samples were examined from a rotary depth of 3505' to 3868'.

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Sample Description

Following are the pertinent geological formations and all zones of subject well Miller-Lambert #14.

THE FOLLOWING ZONES WERE NOTED:

TOPEKA	3300-3315	Limestone – gray to cream, fine tight crystalline, chalky, no show of oil.
	3316-3320	Limestone – cream, fine crystalline, poor inter porosity with a saturated show of oil stain, odor when broken..
	3328-3334	Limestone – same as above.
	3350-3357	Limestone – tan to cream, fine crystalline to dense lime, small show of oil stain.
DEERCREEK	3363-3368	Limestone – tan, fine crystalline to dense lime, chalky in part, poor inter porosity.
	3370-3386	Limestone – same as above.
LECOMPTON	3412-3416	Limestone – tan to buff, fine to medium crystalline, very poor porosity, no show of oil.
	3418-3429	Limestone – cream, fine crystalline, tight, poor to no inter porosity, no show of oil.
OREAD	3453-3460	Limestone – buff, fine crystalline, tight, poor inter porosity, no show of oil.
	3473-3479	Limestone – cream, medium crystalline, poor to fair inter porosity with a show of saturated heavy oil, no odor.
	3484-3498	Limestone – white, fine crystalline, poor inter porosity, no show of oil.

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TORONTO	3522-3527	Limestone – cream to white, fine tight crystalline, very poor inter porosity, trace show of oil stain, no odor.
LANSING – K.C.		
(A-Zone)	3538-3542	Limestone – cream, fine to medium crystalline, poor inter porosity with a show of black heavy oil, no odor.
(B-Zone)	3564-3570	Limestone – white, fine crystalline to chalky lime, no show of oil.
(C-Zone)	3580-3586	Limestone – same as above.
(D-Zone)	3598-3606	Limestone – white to cream, fine to medium crystalline, poor inter porosity, very small show of oil stain, no odor.
(F-Zone)	3613-3618	Limestone – white to cream, very dense lime, poor porosity, no show of oil.
(G-Zone)	3624-3630	Limestone – white, chalky, poorly developed, no show of oil.
(H-Zone)	3675-3680	Limestone – white, very dense lime, poor to no inter porosity, show of oil stain, no odor or free oil.
(I-Zone)	3699-3710	Limestone – white, dense lime to chalky, no visible porosity, no show of oil.
(J-Zone)	3715-3728	Limestone – white, dense lime to fine crystalline in part, slight show of oil stain with black residual stain, no free oil, no odor.
(K-Zone)	3742-3746	Limestone – white, dense lime with fine crystalline in part, show of a light stain, poor inter porosity, no odor.
BASE – K.C.		
(L-Zone)	3757-3763	Limestone – white to cream, fine crystalline, poor inter porosity, show of oil stain, slight odor when broken, no free oil.

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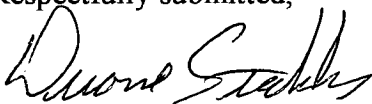
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CONGLOMERATE	3816-3834	Chert – white and orange. Shale – gray and red.
SIMPSON SAND	3835-3842	Sand – translucent, subrounded, clusters, friable, show of light free oil, odor when broken.
ARBUCKLE	3853-3857	Dolomite – cream to tan, medium crystalline, tight porosity with vuggs in part, good saturated stain to free oil, good odor.
30 MIN. CIRCULATION	3868	Dolomite – cream to pinkish, medium crystalline with good vuggs, good inter porosity with a saturated show of oil, good odor.
60 MIN. CIRCULATION	3868	Dolomite –same as above with green shale, fair odor.

Remarks and Conclusion

During the drilling of the Miller-Lambert #14, the subject well ran structurally high in the Arbuckle and good shows of oil, therefore it was recommended by the operator of Raney Oil Company, LLC to set production casing.

Respectfully submitted,



Duane Stecklein, Geologist

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