

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32705

Name: Raney Oil Company, LLC

Address 1: 3425 Tam O'Shanter Dr.

Address 2: \_\_\_\_\_

City: Lawrence State: KS Zip: 66047 + \_\_\_\_\_

Contact Person: Thomas Raney

Phone: (785) 749-0672

CONTRACTOR: License # 33493

Name: American Eagle Drilling

Wellsite Geologist: Duane Stecklein

Purchaser: Coffeyville

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     SWD     SIOW
- Gas     ENHR     SIGW
- CM (Coal Bed Methane)     Temp. Abd.
- 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.     Conv. to SWD

Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_

Commingled    Docket No.: \_\_\_\_\_

Dual Completion    Docket No.: \_\_\_\_\_

Other (SWD or Enhr.?)    Docket No.: \_\_\_\_\_

9/30/08    10/07/08    01/02/09

Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 163237520000

Spot Description: SW-SE-NE

~~SW-SW-NE~~ Sec. 13 Twp. 10 S. R. 20  East  West

2345 Feet from  North /  South Line of Section

1680 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE     NW     SE     SW

County: Rooks

Lease Name: Sutor-B Well #: B-3

Field Name: Marcotte

Producing Formation: Arbuckle

Elevation: Ground: 2207 Kelly Bushing: 2212

Total Depth: 3850 Plug Back Total Depth: 3850

Amount of Surface Pipe Set and Cemented at: 220 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 2127 Feet

If Alternate II completion, cement circulated from: 2127

feet depth to: surf w/ 160 sx cmt.

Drilling Fluid Management Plan Air II NR 3-5-09  
(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.

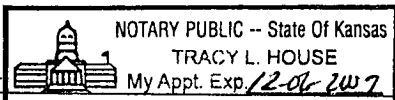
Signature: Thomas Raney, LLC

Title: member Date: \_\_\_\_\_

Subscribed and sworn to before me this 18<sup>th</sup> day of February

20 09

Notary Public: Tracy L. House



Date Commission Expires: December 6, 2009

**KCC Office Use ONLY**

Letter of Confidentiality Received

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

**RECEIVED**  
KANSAS CORPORATION COMMISSION

**FEB 20 2009**

Operator Name: Raney Oil Company, LLC Lease Name: Sutor-B Well #: 3  
 Sec. 13 Twp. 10 S. R. 20  East  West County: Rooks

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets)  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy)	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">Name</td> <td style="width:30%;">Top</td> <td style="width:40%;">Datum</td> </tr> <tr> <td>ANH</td> <td>1618</td> <td>+594</td> </tr> <tr> <td>BANH</td> <td>1654</td> <td>+558</td> </tr> <tr> <td>Top</td> <td>3198</td> <td>-986</td> </tr> <tr> <td>Heeb</td> <td>3406</td> <td>-1194</td> </tr> <tr> <td>LKC</td> <td>3443</td> <td>-1231</td> </tr> <tr> <td>B LKC</td> <td>3365</td> <td>-1440</td> </tr> <tr> <td>Arb</td> <td>3738</td> <td>-1526</td> </tr> </table>	Name	Top	Datum	ANH	1618	+594	BANH	1654	+558	Top	3198	-986	Heeb	3406	-1194	LKC	3443	-1231	B LKC	3365	-1440	Arb	3738	-1526
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List All E. Logs Run:  
 Microresistivity, Dual induction, Borehold/  
 compensated sonic, Dual compensated porosity

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
Surf production		8 5/8	20	223'	Comm	175	3% cc, 2% gel
		5 1/2	15.5	3746'	EA-2	150	KCL flush

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				

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: 2 7/8 Set At: 3735 Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First Resumed Production, SWD or Enhr. Jan, 2009 1/3/09 Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>15</u>	Gas Mcf	Water Bbls. <u>150</u>	Gas-Oil Ratio <u>10%</u>	Gravity <u>28</u>
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3746-3750 OH</u>
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# ALLIED CEMENTING CO., LLC. 042857

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

SERVICE POINT:  
Russell KS

DATE <u>10-1-08</u>	SEC. <u>13</u>	TWP. <u>10</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>2:30 am</u>	JOB FINISH <u>3:00 am</u>
Sutor <u>B</u> LEASE		WELL# <u>B-3</u>		LOCATION <u>Zurich KS west to Rd 7 South</u>		COUNTY <u>Rooks</u>	STATE <u>KS</u>
OLD OR <u>(NEW)</u> (Circle one)				<u>3 to AARD 1/4 west South into</u>			

CONTRACTOR American Eagle Rig #3  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 220'  
 CASING SIZE 8 3/8 20" DEPTH 223'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 13.24 Bbl

OWNER \_\_\_\_\_  
 CEMENT  
 AMOUNT ORDERED 175com 3% cc 2% Gel

EQUIPMENT  
 PUMP TRUCK # 409 CEMENTER John Roberts  
 HELPER Robert  
 BULK TRUCK # 410 DRIVER Doug  
 BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>175</u>	@	<u>13.50</u>	<u>2362.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>6</u>	@	<u>51.50</u>	<u>309.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>184</u>	@	<u>2.25</u>	<u>414.00</u>
MILEAGE	<u>SK/mi/10</u>			<u>736.00</u>
TOTAL				<u>3882.25</u>

**REMARKS:**

Est. Circulation Mix 175sk Com 3%cc  
2% Gel w/ 27.08 Bbl H2O. 41.76 bbl slurry  
Displace Plug w/ 13.24 bbl H2O  
Cement Did Circulate!  
8sk cement back to pit

**SERVICE**

DEPTH OF JOB	_____			
PUMP TRUCK CHARGE	_____		<u>991.00</u>	
EXTRA FOOTAGE	_____	@		
MILEAGE	<u>40</u>	@	<u>7.00</u> <u>280.00</u>	
MANIFOLD	_____	@		
	_____	@		
	_____	@		
TOTAL				<u>1271.00</u>

CHARGE TO: Raney Oil Company  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

_____	@	
_____	@	
<u>8 3/8 Wooden Plug</u>	@	<u>66.00</u>
_____	@	

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment  
 and furnish cementer and helper(s) to assist in

JOB LOG

2/20/09

SWIFT Services, Inc.

DATE 10-7-08 PAGE NO. 1

CUSTOMER Raney Oil Co. WELL NO. B #3 LEASE Sator B JOB TYPE Cement Logging TICKET NO. 14755

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1915							on loc w/ FE
								RTD 3750'
								5 1/2" x 15.5" x 3746' x 4 1/2"
								Turbo 4, 5, 8, 10, 13, 15
								Cent 53
								Back 3, 5, 2
								P.C. 51 @ 2127'
	2240							Start FE
	0036							Break Circ
	0110					1400		Set PKR Shoe
	0115	2	3					Plug RH 15 sks EA-2
	0120	4	0			200		Start Preflushes 500 gal mud flush 20 bbl RCL flush
	0128	5	32/0			250		Start Cement 15 sks EA-2
	0125		36					End Cement
								Wash P&L
								Drop Plug
	0141	6.0	0			200		Start Displacement
	0152	5	65			300		Catch Cement
	0158		90.3			650/1200		Land Plug
								Release Pressure
								Fleet Hold

Thank you  
Nick, Josh F + Don Q

**JOB LOG**

*2/20/09*

**SWIFT Services, Inc.**

DATE 10-10-08 PAGE NO. 7

CUSTOMER Raney Oil Co. WELL NO. B#3 LEASE Satur B JOB TYPE Cement Port Collar TICKET NO. 14757

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0820							on loc set up Trks
								2 7/8" x 5 1/2" P.C. 1611'
	0845					1000		Test Csg to 1000 <sup>psi</sup> locate P.C. (2129')
	0850							Open P.C.
	0852	4.5	5			100		Take injection rate
	0855	4.5	0			200		Start Cement
	0912	4.5	77			350		circ. cement & raise weight
	0914	4.5	83/0			400		End Cement / start Displacement
	0916		8.5					Cement Displaced
								close P.C.
	0920					1000		Test Csg
								Run 5 joints
	0928	3	0					Reverse out
	0935		20					Hole Clean
								160 sks SMD circ 20 sks to pit

# DUANE STECKLEIN

PETROLEUM GEOLOGIST  
579 280<sup>TH</sup> AVE.  
HAYS, KANSAS 67601  
785-432-2477

## GEOLOGICAL REPORT

Raney Oil Company, LLC  
Sutor "B" #B-3  
2345' FNL & 1680' FEL  
SW-SW-SE-NE  
SEC. 13 TWP. 10s RGE. 20w  
Rooks County, Kansas

COMMENCED: 09/30/08  
COMPLETED: 10/07/08  
CONTRACTOR: American Eagle Drilling  
SURFACE PIPE: 8 ½ at 218'  
PRODUCTION PIPE: 5 ½ at 3740'

January 3, 2009

## Formation Data

Elevation: (2212 K.B.) – (2207 G.L.)  
All top formations measured from 2212 K.B.

<u>FORMATION</u>	<u>SAMPLE TOPS</u>	<u>SEA-LEVEL DATUM</u>
Anhydrite Top	1618	+594
Anhydrite Base	1654	+558
Topeka	3198	-986
Heebner	3406	-1194
Toronto	3422	-1210
Lansing-K.C.	3443	-1231
Base-K.C.	3652	-1440
Conglomerate	3656	-1444
Simpson	3723	-1511
Arbuckle	3738	-1526
R.T.D.	3850	-1538

<u>FORMATION</u>	<u>LOG TOPS</u>	<u>SEA-LEVEL DATUM</u>
Topeka	3208	-996
Heebner	3414	-1202
Toronto	3432	-1220
Lansing-K.C.	3452	-1240
Base-K.C.	3662	-1450
Conglomerate	3664	-1452
Simpson	Note: Did not reach depth with log	
Arbuckle		
R.T.D.		

All samples were examined and described by me on actual location and did not start until a depth of 3190' 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 3150' to 3750', and all zones were examined by ten foot samples at a rotary depth of 3200' to 3450'. Five foot samples were examined from a rotary depth of 3455' to 3750'.

## Sample Description

Following are the pertinent geological formation and all zones of subject well Sutor "B" #B-3.

### THE FOLLOWING ZONES WERE NOTED:

TOPEKA	3198-3222	Limestone – gray, fine crystalline, poor to no inter porosity, no show of oil.
	3225-3238	Limestone – gray to buff, fine crystalline to very dense lime, poor to no inter porosity, no show of oil.
DEER CREEK	3249-3263	Limestone – tan to buff, fine crystalline, sucrosic in part, no show of oil.
	3266-3281	Limestone – buff to cream, fine crystalline, poor inter porosity, no show of oil.
LECOMPTON	3308-3316	Limestone – buff to cream, fine crystalline, poor to no inter porosity, no show of oil.
	3318-3330	Limestone – same as above.
OREAD LIME	3356-3361	Limestone – buff to white, fine crystalline to chalky in part, poor inter porosity, very light show of oil stain.
	3374-3389	Limestone – same as above, slight odor when broken.
TORONTO	3422-3425	Limestone – cream to tan, fine crystalline, no inter porosity, tight, no show of oil.
LANSING – K.C.		
(A-Zone)	3443-3449	Limestone – cream to white, fine crystalline to chalky in part, poorly developed, no show of oil.
(B-Zone)	3452-3457	Limestone – same as above, cherty.

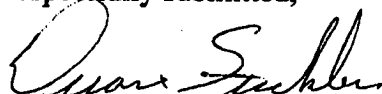


(C-Zone)	3461-3467	Limestone – same as above.
(D-Zone)	3478-3490	Limestone – cream, fine crystalline, fair inter porosity with a scattered show of oil stain, slight odor, sucrosic in part.
(E-Zone)	3503-3506	Limestone – cream to white, fine crystalline, small show of oil stain.
(F-Zone)	3516-3520	Limestone – white, medium crystalline, fair inter porosity, fair show of oil stain.
(G-Zone)	3522-3532	Limestone – same as above.
(H-Zone)	3573-3579	Limestone – cream, fine crystalline, dense to chalky in part, no show of oil.
(I-Zone)	3598-3608	Limestone – buff to cream, fine crystalline, chalky in part, sucrosic in part with a show of oil stain, slight odor.
(J-Zone)	3614-3622	Limestone – cream, same as above.
(K-Zone)	3631-3690	Limestone – cream, fine crystalline, slightly vuggy porosity, show of oil stain, slight odor, show of free oil.
(L-Zone)	3648-3652	Limestone – cream to white, fine to medium crystalline, fair porosity, show of oil stain to free oil, odor when broken.
CONGLOMERATE	3656-3682	Shale – gray and black shale, red clay.
	3690-3722	Chert – red clay and chert.
SIMPSON	3723-3727	Sand – translucent, subrounded clustered, saturated show of free oil.
ARBUCKLE	3739-3743	Dolomite – cream to buff, fine to medium crystalline, vuggy in part, sucrosic in part, fair to good inter porosity, saturated show of oil stain to free oil, good odor.
	3745-3750	Dolomite – same as above.

## Remarks and Conclusion

During the drilling of the Sutor "B" No. B-3, the subject well ran high in the Arbuckle formation, and due to the fact of the good drill stem test recovery, it was recommended by the operator of Raney Oil Co. to set production casing.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Duane Stecklein".

Duane Stecklein, Geologist