



KANSAS CORPORATION COMMISSION 1096056  
OIL & GAS CONSERVATION DIVISION

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

**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32705  
Name: Raney Oil Company, LLC  
Address 1: 3425 TAM O'SHANTER  
Address 2:  
City: LAWRENCE State: KS Zip: 66047 + 1729  
Contact Person: Thomas Raney  
Phone: ( 785 ) 749-0672  
CONTRACTOR: License # 5184  
Name: Shields Oil Producers Inc.  
Wellsite Geologist: Duane Stecklein  
Purchaser: Coffeyville  
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  
 Conv. to GSW  
 Plug Back: Plug Back Total Depth  
 Commingled Permit #:  
 Dual Completion Permit #:  
 SWD Permit #:  
 ENHR Permit #:  
 GSW Permit #:  
03/09/2012 03/16/2012 03/19/2012  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-163-24008-00-00  
Spot Description:  
S2 SE SW SE Sec. 14 Twp. 10 S. R. 20  East  West  
130 Feet from  North /  South Line of Section  
1650 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Rooks  
Lease Name: MILLER-SUTOR UNIT Well #: 1-A  
Field Name:  
Producing Formation: Arbuckle  
Elevation: Ground: 2224 Kelly Bushing: 2236  
Total Depth: 3840 Plug Back Total Depth:  
Amount of Surface Pipe Set and Cemented at: 230 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1710 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: 5000 ppm Fluid volume: 1000 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**  
 Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garrison Date: 10/24/2012



1096056

Operator Name: **Raney Oil Company, LLC**

Lease Name: **MILLER-SUTOR UNIT** Well #: **1-A**

Sec. 14 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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ANH	1657	+579
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Top	3245	-1011
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heeb	3451	-1215
List All E. Logs Run:		LKC	3487	-1251
Radiation guard		BKC	3698	-1462
		Arb	3778	-1542
		RTD	3840	-1604

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	8.625	23.4	230	comm	250	
Production	7.5	5.5	7.7	3838	comm	200	

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				

PERFORATION RECORD - Bridge Plugs Set/Type  
Specify Footage of Each Interval Perforated

Shots Per Foot	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4		3778-42

TUBING RECORD: Size: **2 7/8** Set At: **3775** Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: **04/15/2012** Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	25		75		28

DISPOSITION OF GAS:

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled

*(If vented, Submit ACO-18.)*

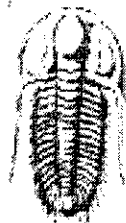
METHOD OF COMPLETION:

Open Hole  Perf.  Dually Comp.  Commingled

*(Submit ACO-5)* *(Submit ACO-4)*

PRODUCTION INTERVAL:

3778-42



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Raney Oil Co. LLC  
3425 Tam Oshanter  
Lawrence KS 66047

14-10-20, Rocks, KS  
Miller-Sutor #1-A  
Job Ticket: 46040 DST#: 1  
Test Start: 2012.03.15 @ 00:00:58

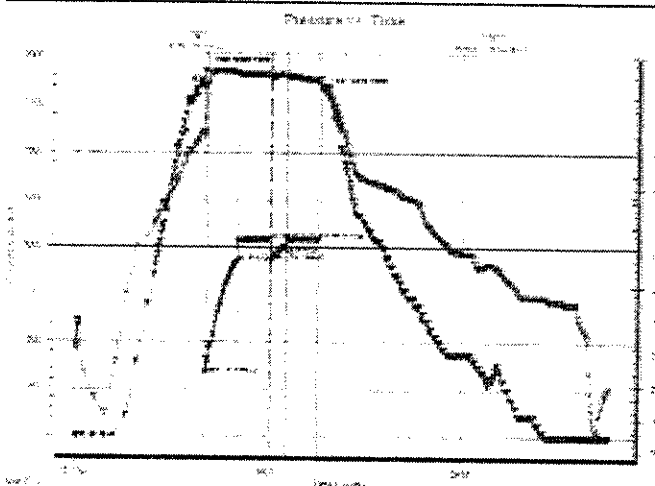
ATTN: Duane Stecklein

### GENERAL INFORMATION:

Formation: Arb.  
Deviated: No Whip/lock. fl (KB)  
Time Test Opened: 02:02:58  
Time Test Ended: 08:17:58  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Brett Dickinson  
Unit No: 59  
Interval: 3760.00 ft (KB) To 3785.00 ft (KB) (TYD)  
Reference Elevations: 2236.00 ft (KB)  
Total Depth: 3785.00 ft (KB) (TYD) 2231.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair K99 to GR/CP 5.00 ft

Serial #: 6753 Outside  
Press@RunDepth: 1004.91 psig @ 3764.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2012.03.15 End Date: 2012.03.15 Last Calib.: 2012.03.15  
Start Time: 00:00:58 End Time: 08:17:58 Time On Btm: 2012.03.15 @ 02:01:28  
Time Off Btm: 2012.03.15 @ 03:52:28

TEST COMMENT: IF-BOB in 45sec  
IS-3in blow  
FF-BOB in 1.5min  
FS-1/2in blow



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1831.68	103.50	Initial Hydro-static
2	328.08	105.59	Open To Flow (1)
37	918.42	112.72	Shut-In (1)
61	1039.02	112.39	End Shut-In (1)
62	925.48	111.96	Open To Flow (2)
76	1004.91	112.36	Shut-In (2)
106	1040.16	111.61	End Shut-In (2)
109	1827.72	110.60	Final Hydro-static

### Recovery

Time (min)	Description	Volume (bbl)
622.00	Water	5.68
102.00	MSDOW 10%G 90%W	1.69
600.00	RGWCO 10%G 50%O 40%W	8.42
425.00	GOOW 20%G 30%O 50%W	5.26
185.00	GWCO 20%G 45%O 35%W	2.50
370.00	SGWOD 10%G 55%O 35%W	5.19

### Gas Rates

Time (min)	Pressure (psig)	Gas Rate (Mcf/d)

# QUALITY WELL SERVICE, INC.

5458

Home Office 324 Simpson St., Pratt, KS 67124

Todd's Cell 620-388-5422  
Office / Fax 620-672-3663

Rich's Cell 620-727-3409  
Brady's Cell 620-727-6964

Date	3-10-12	Sec.	Twp.	Range	County	State	On Location	Finish
					150075	KS		1130

Lease	Well No.	Location
		200 W 5000 S 25 N 10

Contractor	Owner
Type Job	To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Hole Size	T.D. 234
Csg.	Depth 231
Tbg. Size	Depth
Tool	Depth
Cement Left in Csg.	Shoe Joint
Meas Line	Displace 1534
The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Amount Ordered 150 com 3% CC 2% Gel	

**EQUIPMENT**

Pumptrk No.	Common	150
Bulktrk No.	Poz. Mix	
Bulktrk No.	Gel.	3
Pickup No.	Calcium	5

**JOB SERVICES & REMARKS**

Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand
	Handling 158
	Mileage 38

**FLOAT EQUIPMENT**

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Pumptrk Charge	Surface
Mileage	38

Signature	Tax
	Discount
	Total Charge

# QUALITY WELL SERVICE, INC.

5464

Home Office 324 Simpson St., Pratt, KS 67124

**Todd's Cell 620-388-5422**  
Office / Fax 620-672-3663

**Rich's Cell 620-727-3409**  
**Brady's Cell 620-727-6964**

Date <u>5-16-12</u>	Sec. <u>14</u>	Twp. <u>10</u>	Range <u>20</u>	County <u>Rocks</u>	State <u>KS</u>	On Location	Finish <u>7:00pm</u>
Lease <u>14-20-20</u>		Well No. <u>1-4</u>		Location <u>Trench vs 3rd on 1st 1/2 S. 20th</u>			
Contractor <u>Should's #12</u>				Owner			
Type Job <u>Long string</u>				To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size		T.D. <u>3830</u>		Charge To <u>Roney O.I</u>			
Csg. <u>7 1/2</u>		Depth <u>3837</u>		Street			
Tbg. Size		Depth		City			
Tool		Depth		State			
Cement Left in Csg.		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace <u>1.4</u>		Cement Amount Ordered <u>200</u>			
<b>EQUIPMENT</b>							
Pumptrk	No. <u>2</u>	<u>200</u>		Common <u>200</u>			
Bulktrk	No. <u>5</u>	<u>200</u>		Poz. Mix			
Bulktrk	No. <u>1</u>	<u>200</u>		Gel. <u>4</u>			
Pickup	No. <u>1</u>	<u>200</u>		Calcium <u>1</u>			
<b>JOB SERVICES &amp; REMARKS</b>							
Rat Hole <u>30 SX</u>				Salt <u>17</u>			
Mouse Hole <u>15 SX</u>				Flowseal			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
<u>10 1/2 lbs of 5/16" casing &amp; landing</u>				Sand			
<u>200 lbs cement for 1 hr</u>				Handling <u>220</u>			
<u>100 lbs cement for 1 hr</u>				Mileage			
<b>FLOAT EQUIPMENT</b>							
<u>100 lbs cement for 1 hr</u>				Guide Shoe			
<u>100 lbs cement for 1 hr</u>				Centralizer <u>7-5/16</u>			
<u>100 lbs cement for 1 hr</u>				Baskets <u>1-5/16</u>			
<u>100 lbs cement for 1 hr</u>				AFU Inserts <u>1-5/16</u>			
<u>100 lbs cement for 1 hr</u>				Float Shoe <u>1-5/16</u>			
<u>100 lbs cement for 1 hr</u>				Latch Down <u>1-5/16</u>			
<b>500 Med Flush</b>							
<u>100 lbs cement for 1 hr</u>				Pumptrk Charge			
<u>100 lbs cement for 1 hr</u>				Mileage			
<u>100 lbs cement for 1 hr</u>				Tax			
<u>100 lbs cement for 1 hr</u>				Discount			
<u>100 lbs cement for 1 hr</u>				Total Charge			
Signature _____							

# QUALITY WELL SERVICE, INC.

5468

Home Office 324 Simpson St., Pratt, KS 67124

Todd's Cell 620-388-5422  
Office / Fax 620-672-3663

Rich's Cell 620-727-3409  
Brady's Cell 620-727-6964

Date	Sec.	Twp.	Range	County	State	On Location	Finish
2-26-11	11	10	10	Pratt	KS		11:30 am
Lease		Well No.		Location			

Contractor		Owner	
Type Job		To Quality Well Service, Inc.	
Hole Size		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Csg.		Charge To	
Tbg. Size		Street	
Tool		City	
Cement Left in Csg.		State	
Meas Line		The above was done to satisfaction and supervision of owner agent or contractor.	
Displace		Cement Amount Ordered	

**EQUIPMENT**

Pumptrk	No.		Common	150
Bulktrk	No.		Poz. Mix	100
Bulktrk	No.		Gel.	13
Pickup	No.		Calcium	

**JOB SERVICES & REMARKS**

Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal 62.50
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand
	Handling 263
	Mileage 38

**FLOAT EQUIPMENT**

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

	Pumptrk Charge	Part Coller
	Mileage	38
	Tax	
	Discount	
	Total Charge	

X Signature