



KANSAS CORPORATION COMMISSION 1105201
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: _____

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 #: _____

<u>10/04/2012</u>	<u>10/11/2012</u>	<u>10/14/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-163-24070-00-00

Spot Description: _____

S2 NE NW NE Sec. 13 Twp. 10 S. R. 20 East West

375 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: sutor Well #: B-5

Field Name: _____

Producing Formation: ar buckle

Elevation: Ground: 2204 Kelly Bushing: 2209

Total Depth: 3836 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 229 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 1656 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: 12/27/2012



1105201

Operator Name: Raney Oil Company, LLC Lease Name: sutor Well #: B-5
 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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: RAG LOG cement bond log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>ANH</td> <td>1622</td> <td>+587</td> </tr> <tr> <td>HEEB</td> <td>3412</td> <td>-1203</td> </tr> <tr> <td>LKC</td> <td>3451</td> <td>-1242</td> </tr> <tr> <td>BKC</td> <td>3660</td> <td>-1451</td> </tr> <tr> <td>ARB</td> <td>3749</td> <td>-1540</td> </tr> <tr> <td>RTD</td> <td>3836</td> <td>-1627</td> </tr> </tbody> </table>	Name	Top	Datum	ANH	1622	+587	HEEB	3412	-1203	LKC	3451	-1242	BKC	3660	-1451	ARB	3749	-1540	RTD	3836	-1627
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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	12.5	8.625	23.5	229	comm	165	3%CC 2% gel
Prod	7.5	5.5	7.7	3832	EA-2	170	

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	-			

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
4	3753-55		

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>3750</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>10/19/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
Estimated Production Per 24 Hours	Oil Bbls. <u>10</u>	Gas Mcf _____
	Water Bbls. <u>100</u>	Gas-Oil Ratio _____
		Gravity <u>28</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>3753-55</u>
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QUALITY WELL SERVICE, INC.

5722

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410
Office / Fax 620-672-3663

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

Date	10-3-12	Sec.	13	Twp.	10	Range	20	County	Rooks	State	KS	On Location		Finish	9:45-10:15pm
Lease Sector	Well No. B #5			Location Zurich, KS 3W 35 1/4W Sinto											
Contractor	Shields #2			Owner											
Type Job	Surface			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	12 1/4			T.D. 229											
Csg.	8 5/8			Depth 229											
Tbg. Size				Depth											
Tool				Street											
Cement Lbl in Csg.	15-04			Shoe Joint											
Meas Line				Displace 135											
The above was done to satisfaction and supervision of owner agent or contractor.															
Cement Amount Ordered 165 sr com 3% cc 2% gel															

EQUIPMENT

Pumptrk	No.	8	Casey	Common	165
Bulktrk	No.	10	NEAR	POZ. Mix	
Bulktrk	No.			Gel.	3
Pickup	No.			Calcium	6

JOB SERVICES & REMARKS

Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowsol
Baskets	Koi-Seal
DN or Port Collar	Mud CLR 48
Run 5' Jts of 8 5/8 casing and landing it	CFL-117 or CD110 CAF 38
	Sand
	Handling 174
	Mileage 38

FLOAT EQUIPMENT

Est Circulation with mud pump	Guide Shoe
Hooked up and mixed 165 sr - shut down released plug - disp 135 bbl of H2O - shut in @ 300 psi	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	8 5/8 Wood Plug
Cement Did Circulate !!	
	Pumptrk Charge Surface
	Mileage 38

Thank You!!

Signature: *[Handwritten Signature]*

Tax
Discount
Total Charge

JOB LOG

SWIFT Services, Inc.

DATE: 12-11-12 PAGE NO. 2

CUSTOMER: Nancy Oil Co. WELL NO: B05 LEASE: Satar JOB TYPE: hangstring TRIPLET NO: 22863

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CABLE	
	1445							on loc / w/ FE
								RTD 3830'
								5 1/2" X 14" X 3832' X 38'
								Cent 1, 3, 5, 7, 9, 11, 13, 51
								Bank 2, 52
								P.C. 52 @ 1650'
	1615							Start FE
	1745							Break Circ.
	1830	2.5	7/5					Plug RH + MH 30/150s EA-2
	1840	5	0				200	start 500gal Mud flush
		5	12/0				200	start 20 bbl KCL flush
		5	20/0				200	start 140sks EA-2
	1852		34					End Cement
								Wash Pth
								Drop L.D. Plug
	1900	6	0				200	start Displacement
	1910	5	60				250	Catch Cement
	1915		92.5				700/1500	Load Plug
								Release Pressure
								Float Held

Thank you
Nick, David E. & Flint

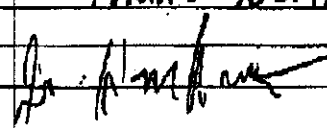
QUALITY WELL SERVICE, INC.

5731

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410
Office / Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-8964

Date	10-17-12	Sec.	13	Twp.	10	Range	20	County	Rooks	State	KS	On Location		Finish	12:30-1:30															
Lease	Sector "B"		Well No.	5		Location Plainville, KS 25 1 1/2 W State																								
Contractor	Professionals Pulling Serv				Owner 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.																									
Type Job	Port Collar				Hole Size T.D.																									
Csg.	5 1/2				Depth 1656																									
Tbg. Size	2 7/8				Depth 1656																									
Tool	Port Collar				Charge To Roney Oil																									
Cement Left in Csg.					Shoe Joint The above was done to satisfaction and supervision of owner agent or contractor.																									
Moss Line					Displace 7 1/2 bbl Cement Amount Ordered 300SK 60/40 4% Gel																									
EQUIPMENT																														
Pumptrk	No.	8		Cody		Common 180																								
Bulktrk	No.	7		M.K.		Poz. Mix 120																								
Bulktrk	No.					Gel. 10																								
Pickup	No.					Calcium																								
JOB SERVICES & REMARKS																														
Flat Hole	Hulls																													
Mouse Hole	Salt																													
Centralizers	Flowseal																													
Baskets	Kol-Seal																													
D/V or Port Collar	Mud CLR 48																													
<p>Run 2 7/8 tubing down to 1656' and located port collar - pressured up to 1000psi - Held - opened tool and est circulation - mixed 300SK and disp 7 1/2 bbl of H2O - closed tool and checked backside to 1000 psi - Held Run 5 Hts and washed clean Come out of hole</p>																														
																CFL-117 or CD110 CAF 98														
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FLOAT EQUIPMENT																														
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Cement Did Circulate to Surface!!																														
Pumptrk Charge Port Collar																														
Mileage 38																														
Thank You!!																														
Signature 																														
Tax																														
Discount																														
Total Charge																														



**TRIBOLITE
TESTING, INC**

DRILL STEM TEST REPORT

Raney Oil CO., LLC

13-10-20, Rooks, KS

3425 Tam O'shanter
Lawrence KS 66047

Sutor #B-5

Job Ticket: 43594

DST#: 1

ATTN: Duane Stecklein

Test Start: 2012.10.09 @ 04:30:00

GENERAL INFORMATION:

Formation: KC "H-K"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:52:00

Time Test Ended: 11:21:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: 3571.00 ft (KB) To 3646.00 ft (KB) (TVD)

Total Depth: 3646.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2213.00 ft (KB)

2208.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8319 Outside

Press@RunDepth: 90.39 psig @ 3572.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.09

End Date: 2012.10.09

Last Calib.: 2012.10.09

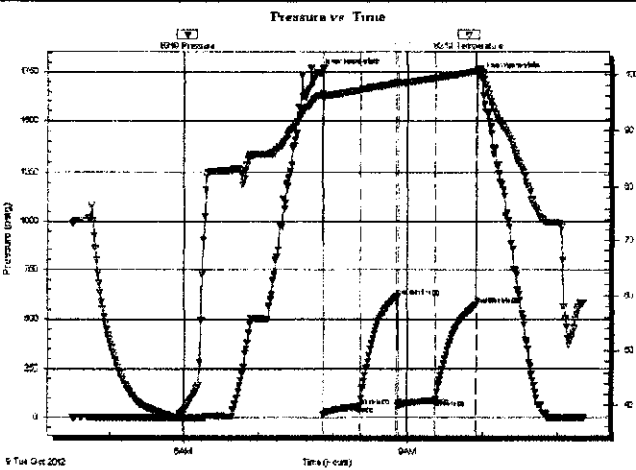
Start Time: 04:30:00

End Time: 11:21:30

Time On Btm: 2012.10.09 @ 07:48:30

Time Off Btm: 2012.10.09 @ 09:57:30

TEST COMMENT: IF-7in blow
ISI-No blow
FF-2.25in blow
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1747.26	96.22	Initial Hydro-static
4	19.03	95.64	Open To Flow (1)
33	62.24	97.25	Shut-In(1)
63	614.66	98.63	End Shut-In(1)
64	66.48	98.53	Open To Flow (2)
94	90.39	99.39	Shut-In(2)
126	575.17	100.68	End Shut-In(2)
129	1730.19	101.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	VSOMCW 5%O 40%M 55%W	0.42
60.00	VSOWCM 5%O 5%W 90%M	0.42
20.00	VSOCM 5%O 95% M	0.14

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)