

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

3/12/10

CONFIDENTIAL

ka  
mm  
3/12/09

OPERATOR: License # 5046

Name: Raymond Oil Company, Inc.

Address 1: PO BOX 48788

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

City: Wichita State: KS Zip: 67201 + \_\_\_\_\_

Contact Person: Clarke Sandberg

Phone: (316) 267-4214

CONTRACTOR: License # 6039

Name: L. D. Drilling, Inc.

Wellsite Geologist: Kim Shoemaker

Purchaser: \_\_\_\_\_

Designate Type of Completion: \_\_\_\_\_

New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover

Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW

\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW

\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.

\_\_\_\_\_ Dry \_\_\_\_\_ Other \_\_\_\_\_

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(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Enh. \_\_\_\_\_ Conv. to SWD

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

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_

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

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

10/4/08 10/13/08 11/13/08

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

API No. 15 - 101-22118-0000

Spot Description: \_\_\_\_\_

NE SW NW NE Sec. 21 Twp. 18 S. R. 27  East  West

785 Feet from  North /  South Line of Section

2140 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Lane

Lease Name: Michaud Trust Well #: 1

Field Name: \_\_\_\_\_

Producing Formation: Cher Sd

Elevation: Ground: 2694 Kelly Bushing: 2699

Total Depth: 4720 Plug Back Total Depth: 4698

Amount of Surface Pipe Set and Cemented at: 253 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 2216 Feet

If Alternate II completion, cement circulated from: 2216

feet depth to: surface casing w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ATTN: SIO TO  
(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 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: \_\_\_\_\_

Title: Geologist Date: 3/9/2009

Subscribed and sworn to before me this 11 day of March

20 09

Notary Public: Tammy J Zimmerman

Date Commission Expires: 5-19-2010

**KCC Office Use ONLY**

Letter of Confidentiality Received

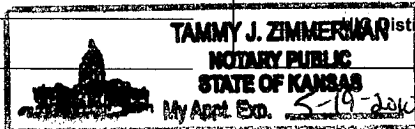
If Denied, Yes  Date: 3/31/09

Wireline Log Received

Geologist Report Received

RECEIVED

MAR 12



KCC WICHITA

Operator Name: Raymond Oil Company, Inc. Lease Name: Michaud Trust Well #: 1  
 Sec. 21 Twp. 18 S. R. 27  East  West County: Lane

**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 <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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 <i>(Submit Copy)</i>  List All E. Logs Run: <b>Comp D/N, Dual Ind, Micro &amp; Sonic</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>2059</td> <td>+640</td> </tr> <tr> <td>Heebner Sh</td> <td>3926</td> <td>-1227</td> </tr> <tr> <td>Lansing</td> <td>3962</td> <td>-1263</td> </tr> <tr> <td>BKC</td> <td>4316</td> <td>-1617</td> </tr> <tr> <td>Mississippi</td> <td>4668</td> <td>-1969</td> </tr> <tr> <td>Total Depth</td> <td>4724</td> <td></td> </tr> </table>	Name	Top	Datum	Anhydrite	2059	+640	Heebner Sh	3926	-1227	Lansing	3962	-1263	BKC	4316	-1617	Mississippi	4668	-1969	Total Depth	4724	
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3/12/09

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
Surface	12 1/4"	8 5/8"	24#	253	Common	165	3% cc, 2%gel
Production	7 7/8"	5 1/2"	14.5#	4698	60/40 pozmix	200	3% cc, 2%gel

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	2216 to 253	60/40 pozmix	800	3% cc, 2%gel

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
2 shots	perf @ 4593	Natural	

TUBING RECORD:	Size: 2"	Set At: 4562	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	KCC Wichita
Date of First, Resumed Production, SWD or Enhr. 1/1/2009		Producing Method: <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. 30	Gas Mcf	Water Bbls. 70	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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**RAYMOND OIL COMPANY, INC.  
CEMENTING OF UPPER STAGE**

**#1 Michaud Trust**

785' FNL & 2140' FEL  
Section 21-18S-27W  
Lane County, Kansas  
API No. 15-101-22118-0000

- 2/16/2009 Professional Well Service M.I.R.U. Pulled rods & tubing. Ran tubing to get B. P. & port collar tool.
- 2/17/2009 Swift Service Co. pumped 450 sxs cement. Well would not circulate.
- 2/18/2009 Tried to run 1" tubing to 900', could not get below 550'.
- 2/19/2009 Ran bond log. Perforated at 925'. Swift pumped 250 sxs cement. Well would not circulate. Perforated at 470'. Pumped 100 sxs cement. Well did circulate.
- 2/20/2009 Pull packer. Ran 2" tubing & bit. Drill out plug at 400' & 900'. Pulled tubing & drill collars out.
- 2/23/2009 Swab hole down to B. P. Ran tubing & rods.

Art Schoenhofer

Perfs at 925' leaked. Had to recement w/ 75 sxs. Drilled out. Put well back to pumping.

RECEIVED  
FEB 12 2009  
KCC



JOB LOG

SWIFT Services, Inc.

DATE 2-17-09 PAGE NO. 1

CUSTOMER: **RAYMOND OIL** WELL NO. # **1** LEASE: **MECHAUD TRUST** JOB TYPE: **CEMENT PORT COLLAR** TICKET NO. **15647**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBT/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0800							ON LOCATION
								TUBING - 2 3/8
								CASING - 5 1/2
								RBP - 2580
								PORT COLLAR - 2223
	0830	4	65	✓		600		CIRCULATE OIL OUT WELL
	0905				✓		1000	TEST RRP - HEAD
	0915		6	✓				SPOT 2 SKS SAND - LET FALL
	1015	3	4	✓		600		OPEN PORT COLLAR - INST RATE NO BLOW
	1025	4 1/4	0	✓		600		START MIXING CEMENT
	1035		42					75 SKS MIXED - SHUT DOWN - NO BLOW
	1410	3	140	✓		500		250 SKS MIXED - LITTLE CIRCULATION
	1500	4	111	✓		750		TOTAL - 450 SKS MIXED - NO CIRCULATION
	1520	3	7 1/2	✓		600		DISPLACE CEMENT @ SKS CEMENT TO PER
	1530			✓		1000		CLOSE PORT COLLAR - PRETEST - HEAD
	1605	3 1/2	40				450	RUN 11 JTS CIRCULATE CEMENT - SAND OFF RRP
								CONFIDENTIAL 2/17/09
								RW TEMPERATURE SURVEY 20 A.M. 2-18-09
	1700							JOB COMPLETE
								THANK YOU WAYNE ROBERT, DAVE SCOTT
								450 SKS SAND CEMENT 1/4 # FLOCC = 250 RBBS
								RECEIVED MAR 12 2009 KCC WICHITA

**JOB LOG**

**SWIFT Services, Inc.**

DATE 2-18-09 PAGE NO. 1

CUSTOMER RAYMOND OIL WELL NO. #1 LEASE MICHAUD TRUST JOB TYPE SQUEEZE PERFORATIONS TICKET NO. 15649

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ON LOCATION
								5 1/2" CSG PER = 2580'
								1" TUBING PERFS = 925'
								PKR = 811' (1 <sup>ST</sup> SQUEEZE)
								PKR = 392' PERFS = 470' (2 <sup>ND</sup> SQUEEZE)
2/18/09	1330		1/4 ±	✓		3000		TUBING PLUGGED - CANNOT PUMP INTO - PULL TUBING
	1415	1 1/2	0	✓		1000		CIRCULATE TUBING DOWN
	1730	1 1/2	160	✓				CIRCULATED 4 JTS DOWN - TUBING NOT GOING
	1745							PULL TUBING OUT WELL
	1830							DONE FOR TODAY
<b>CONFIDENTIAL</b>								
2/19/09	1000							ON LOCATION
	1015		6	✓				SPOT 2 SKS SAND = 2400'
	1115				✓	500		PULL UP SET PKR = 811' - PSEANNULUS 5/2
	1120	3	4	✓		800		INT RATE
	1125	3	42	✓		1000		MIX COMST 75 SKS - SHUT DOWN / WAIT 11.2
	1215	2	9	✓		1100		25 SKS - " " 13.0
	1300	1 1/2	14	✓		1200		50 SKS - " " 14.0
	1315							WASH PUMP = LEJES
	1320	2	0			1350		DISPLACE COMST NO CIRCULATION
	1323	1	5			1100		SHUT DOWN TOC = 880' ±
	1330					800		SHUT IN - WASH TRUCK 1630 - RELEASE PSE
	1700							PERFS 470'
	1720				✓	500		SET PKR = 392' PSEANNULUS - SHUT IN
	1725	3	3	✓		800		INT RATE - CIRCULATION
	1730	3 1/2	21	✓		800		MIX COMST 60 SKS = 13.0 PP6
		3	10			750		40 SKS = 15.0 PP6
	1745							WASH OUT PUMP = LEJES
	1749	3	2 1/2	✓		800		DISPLACE COMST TOC = 430' ±
	1755					300		SHUT IN
								CIRCULATED 20 SKS COMST TO POT
								WASH TRUCK
	1830							JOB COMPLETE
RECEIVED FEB 19 2009 WAVE, BRETT, ROB THANK YOU WAVE, BRETT, ROB								

JOB LOG

SWIFT Services, Inc.

DATE 2-23-09 PAGE NO. 1

CUSTOMER Raymond Oil Co. WELL NO. #1 LEASE Michaud JOB TYPE Squeeze Perfs TICKET NO. 15831

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1250							on loc set up Trks
								2 3/8" x 5 1/2"
								RBP 2580'
								Spot sand @ 1930'
								fluid level 900'
	1320	2	3					Spot 2 sks sand w/ 3 bbl wtr
	1400	1	1			1000		Set pkr @ 940' test Tbg good
	1405	.5	6			500		" " " 910' " " to 500 psi leak off
	1410						500	Test annulus good
								set pkr @ 811' to squeeze
	1420						500	Pressure annulus
	1425	.5	3			750		Establish injection rate
	1430	.5	0			750		start Cement
	1445	.5	6			800		Cement @ Perfs
	1500		15			1000/200		End Cement
								Wash up P&H
	1505	.5	0			200		start Displacement
	1510		3.5			1200/200		Cement displaced 1/2 bbl below pkr
								Wash up Trks
	1525					550		check pressure
	1530	.5	4			550/1100		Bump cement 1/2 bbl
	1550	.5	9.25			750/1200		" " 1/4 bbl
	1600					1150		Release press. dry
	1605	2	0					Reverse out
	1610		7					Hole clean
								pull 3 jts
								set pkr
	1620					500		press to 500 psi + shut in

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RECEIVED  
MAR 12 2009  
M. J. V. [unclear]

Thank you  
Nick, Josh F. + Scot