

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

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 # 5046  
Name: Raymond Oil Co, Inc  
Address 1: PO Box 48788  
Address 2: \_\_\_\_\_  
City: Wichita State: Ks Zip: 67201 + \_\_\_\_\_  
Contact Person: TED McHENRY  
Phone: ( 316 ) 267-4214  
CONTRACTOR: License # 6039  
Name: L.D. DRILLING  
Wellsite Geologist: MAX LOVELY  
Purchaser: NCRA

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 #: \_\_\_\_\_

02/05/2011	02/20/2011	03/31/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 193-20785 -0000

Spot Description: \_\_\_\_\_  
E2 E2 NW SW Sec. 16 Twp. 9 S. R. 34  East  West  
1,982 Feet from  North /  South Line of Section  
1,195 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW

County: THOMAS  
Lease Name: HERREN C Well #: 1  
Field Name: WC  
Producing Formation: KC GROUP, ~~MARML GROUP~~  
Elevation: Ground: 3236 Kelly Bushing: 3241  
Total Depth: 4911 Plug Back Total Depth: 4550  
Amount of Surface Pipe Set and Cemented at: 299 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 2319 Feet  
If Alternate II completion, cement circulated from: 2319  
feet depth to: SURFACE w/ 700 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 24000 ppm Fluid volume: 805 bbls  
Dewatering method used: EVAPORATION  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**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.

**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.

Signature: Ted McHenry  
Title: GEOLOGIST Date: 05/20/2011

**KCC Office Use ONLY**

- Letter of Confidentiality Received **RECEIVED**  
Date: \_\_\_\_\_  
 Confidential Release Date: MAY 26 2011  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: DJG Date: 6/1/11
- KCC WICHITA**

Operator Name: \_\_\_\_\_ Lease Name: HERREN C Well #: 1  
 Sec. 16 Twp. 9 S. R. 34  East  West County: THOMAS

**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 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>GEO REPORT, CEMENT BOND, RAG, DIL, CND, MICRO</b>	<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>HEEB</td> <td>4108</td> <td>-865</td> </tr> <tr> <td>STARK</td> <td>4370</td> <td>-1127</td> </tr> <tr> <td>CHER</td> <td>4660</td> <td>-1417</td> </tr> <tr> <td>MISS</td> <td>4820</td> <td>-1577</td> </tr> </tbody> </table>	Name	Top	Datum	HEEB	4108	-865	STARK	4370	-1127	CHER	4660	-1417	MISS	4820	-1577
Name	Top	Datum														
HEEB	4108	-865														
STARK	4370	-1127														
CHER	4660	-1417														
MISS	4820	-1577														

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	17	13 3/8"	48	299	CLASS A	300	2% gel, 3% CC
PRODUCTION	7 7/8	4 1/2"	10.5	4895	60/40 POZMIX	275	7 1/2% NaCl, 2% gel
DV				2319	60/40 POZMIX	700	8% gel, 1/4# floesal

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 <i>(Amount and Kind of Material Used)</i>	Depth
2	4630-42, 4610-14, 4571-92. 4336-41	500gal acid each	
	BRIDGE PLUG		4550

RECEIVED  
MAY 26 2011  
KCC WICHITA

TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>4504</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>04/01/2011</u>		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. <u>30</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio _____

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 (Specify) _____	PRODUCTION INTERVAL: <u>4336-41</u>
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