

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

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

2/8/13

OPERATOR: License # 5046
Name: RAYMOND OIL COMPANY INC.
Address 1: P.O. BOX 48788
Address 2: _____
City: WICHITA State: KS Zip: 67201 + _____
Contact Person: CLARKE SANDBERG
Phone: (316) 267-4214 EXT 109
CONTRACTOR: License # 6039
Name: L D DRILLING, INC.
Wellsite Geologist: KIM SHOEMAKER
Purchaser: _____

KCC
FEB 08 2011
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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 #: _____

11/02/2010 11/10/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 101-22258-00-00
Spot Description: _____
 NW SE NE Sec. 28 Twp. 18 S. R. 27 East West
1,465 Feet from North / South Line of Section
910 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: LANE
Lease Name: HABIGER LIVING TRUST Well #: 2
Field Name: ALAMOTA TOWNSITE
Producing Formation: _____
Elevation: Ground: 2620' Kelly Bushing: 2625'
Total Depth: 4675' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 262 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2404 Feet
If Alternate II completion, cement circulated from: 2404
feet depth to: SURFACE w/ 175 sx cmt.

Drilling Fluid Management Plan

(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 #: _____
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: Clarke Sandberg
Title: Geologist Date: 2/6/2011

KCC Office Use ONLY RECEIVED

Letter of Confidentiality Received
Date: 2/8/11 - 2/8/13 **FEB 09 2011**

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: MS Date: 4-5-11

KCC WICHITA

Operator Name: Raymond Oil Company, Inc. Lease Name: Habiger Living Trust Well #: 2
 Sec. 28 Twp. 18 S. R. 27 East West County: Lane

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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 type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Neutron/Density Micro Dual Induction | <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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>B/Anhydrite</td> <td>2013</td> <td>+616</td> </tr> <tr> <td>Heebner Sh</td> <td>3874</td> <td>-1245</td> </tr> <tr> <td>BKC</td> <td>4252</td> <td>-1623</td> </tr> <tr> <td>FT SCT</td> <td>4428</td> <td>-1799</td> </tr> <tr> <td>Total Depth</td> <td>4676</td> <td></td> </tr> </table> | Name | Top | Datum | B/Anhydrite | 2013 | +616 | Heebner Sh | 3874 | -1245 | BKC | 4252 | -1623 | FT SCT | 4428 | -1799 | Total Depth | 4676 | |
| Name | Top | Datum | | | | | | | | | | | | | | | | | |
| B/Anhydrite | 2013 | +616 | | | | | | | | | | | | | | | | | |
| Heebner Sh | 3874 | -1245 | | | | | | | | | | | | | | | | | |
| BKC | 4252 | -1623 | | | | | | | | | | | | | | | | | |
| FT SCT | 4428 | -1799 | | | | | | | | | | | | | | | | | |
| Total Depth | 4676 | | | | | | | | | | | | | | | | | | |

| 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" | 23# | 262' | CLASS A | 175 | 3% CC, 2% GEL |
| PRODUCTION | 7 7/8" | 5 1/2" | 14# | 4674' | 60/40 POZMIX | 175 | 7.5% SALT, 2% CC |
| 2ND STAGE | | | | | 60/40 LITE | 425 | |

| 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 SHOTS/FT | 4504-12' | NONE | |
| | | | |
| | | | |
| | | | |

| | | | | |
|---|------------------|---|--------------------|---|
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumed Production, SWD or ENHR. | | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ | | |
| Estimated Production Per 24 Hours | Oil Bbls. 120 | Gas Mcf | Water Bbls. 180 | Gas-Oil Ratio Gravity |

| | | |
|---|---|--|
| 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 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: _____ _____ |
|---|---|--|

RECEIVED
FEB 09 2011
KCC WICHITA



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

CONFIDENTIAL
FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 28658
LOCATION Oakley Ks
FOREMAN Dat Heister

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|---|------------|---------------------|---------|-----------------|-----------------|--------|
| 11-11-10 | 7158 | Habiger LVg Trst #2 | 28 | 18 ^s | 29 ^w | Lane |
| CUSTOMER <u>Raymond Oil Co, Inc.</u> | | | TRUCK # | | | |
| MAILING ADDRESS | | | DRIVER | | | |
| CITY | | | TRUCK # | | | |
| STATE | | | DRIVER | | | |
| ZIP CODE | | | TRUCK # | | | |
| | | | DRIVER | | | |

JOB TYPE Prod-0 HOLE SIZE 7 1/8 HOLE DEPTH 4677' CASING SIZE & WEIGHT 5 1/2 15 1/2 #
CASING DEPTH 4650' DRILL PIPE _____ TUBING _____ OTHER DY-1982'
SLURRY WEIGHT 12.8-14.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 32
DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting, Centralizers 1, 3, 5, 7, 54, DY Tool 2 1982
Basket on 55', Rig up to circ, mix 1st stage w/ 175 SKs 69/40 per, 7 1/2 %
Salt, 2% Cal, Clear Pump + Lines, Displace 50 BBL H₂O and 63 BBL
mud @ 700#, Landed Plug @ 1200#, release Pressure Float held
Drop opening tool, open Tool, Break Circ, mixed 470 SKs 69/40 per, 8 1/2 %
14# Flo Seal, release Plug + Displaced 62 BBL H₂O @ 850#, Landed
Plug and closed Tool, release Pressure, held
Cement Did Circ

30 SKs in Ritt

Thank You
Pat crew

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|--------------------|----------------------|
| 5401P | 1 | PUMP CHARGE | 2950 ⁰⁰ | 2950 ⁰⁰ |
| 5406 | 30 miles | MILEAGE | 450 | 135 ⁰⁰ |
| 1131 | 175-SKs | 69/40 per - Bottom stage | 13 ⁰⁰ | 2275 ⁰⁰ |
| 1131 | 500-SKs | 69/40 per, Top stage | 13 ⁰⁰ | 6500 ⁰⁰ |
| 1111 | 645 # | Salt | 140 | 258 ⁰⁰ |
| 1118B | 3740 # | Bentonite Cal | 120 | 748 ⁰⁰ |
| 1107 | 125 # | Flo Seal | 250 | 312 ⁵⁰ |
| 4158 | 1 | A-FU Float Shoe - 5 1/2 | 341 ⁰⁰ | 341 ⁰⁰ |
| 4130 | 5 | Centralizers 5 1/2 | 56 ⁰⁰ | 280 ⁰⁰ |
| 4104 | 1 | Basket 5 1/2 | 263 ⁰⁰ | 263 ⁰⁰ |
| 4277 | 1 | DY Tool 5 1/2 | 3670 ⁰⁰ | 3670 ⁰⁰ |
| 5407 | 29.03 | Ton Mileage Delivery | 150 | 1,306 ⁵⁰ |
| | | | RECEIVED | |
| | | | FEB 23 2011 | |
| | | | Sub-total | 19,039 ⁰⁰ |
| | | | Less 20% Disc | 3,807 ⁸⁰ |
| | | | | 15,231 ²⁰ |
| | | | SALES TAX | 922 ⁷⁹ |
| | | | ESTIMATED TOTAL | 16,153 ⁹⁹ |

RAVIN 3737  TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

Company Raymond Oil Company, Inc. Lease & Well No. Habiger Living Trust No. 2
Elevation 2629 KB Formation Cherokee Sand Effective Pay -- Ft. Ticket No. 2747
Date 11-9-10 Sec. 28 Twp. 18S Range 27W County Lane State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 4,470 ft. to 4,519 ft. Total Depth 4,519 ft.
Packer Depth 4,465 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,470 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,451 ft. Recorder Number 1150 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,516 ft. Recorder Number 3851 Cap. 5,700 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 52 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.3 Water Loss 8.0 cc. Drill Pipe Length 4,437 ft. I.D. 3 1/2 in.
Chlorides 3,300 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 3 Anchor Length 17' perf. w/32' drill pipe Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Fair, 2 in., blow increasing. Off bottom of bucket in 3 1/2 mins. Good, 4 1/2 in., blow back during shut-in.
2nd Open: Fair, 2 in., blow increasing. Off bottom of bucket in 3 mins. Fair, 2 in., blow back during shut-in.

Recovered 288 ft. of gas in pipe
Recovered 1,820 ft. of clean oil = 18.673200 bbls. (Gravity: 36 @ 60°)
Recovered 310 ft. of gas cut muddy oil = 3.180600 bbls. (Grind out: 9%-gas; 22%-mud; 69%-oil)
Recovered 2,130 ft. of TOTAL FLUID = 21.853800 bbls.
Recovered ft. of
Remarks Tool Sample Grind Out: 2%-gas; 45%-mud; 53%-oil

Time Set Packer(s) 8:08 ^{AM}/_{PM} Time Started Off Bottom 11:53 ^{AM}/_{PM} Maximum Temperature 135°
Initial Hydrostatic Pressure (A) 2198 P.S.I.
Initial Flow Period Minutes 30 (B) 74 P.S.I. to (C) 438 P.S.I.
Initial Closed In Period Minutes 60 (D) 1162 P.S.I.
Final Flow Period Minutes 45 (E) 448 P.S.I. to (F) 805 P.S.I.
Final Closed In Period Minutes 90 (G) 1162 P.S.I.
Final Hydrostatic Pressure (H) 2192 P.S.I.

Diamond Testing

Page 2 of 2 Pages

General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC

| | | | |
|---------------------|--------------------------------------|----------------|---------------------------|
| Contact | CLARKE SANDBERG | Job Number | |
| Well Name | HABIGER LIVING TRUST #2 | Representative | ROGER D. FRIEDLY |
| Unique Well ID | DST #1 CHEROKEE SAND 4,470' - 4,519' | Well Operator | RAYMOND OIL COMPANY, INC. |
| Surface Location | SEC 28-18S-27W LANE COUNTY, KS | Report Date | 2010/11/09 |
| Well License Number | | Prepared By | ROGER D. FRIEDLY |
| Field | ALAMOTA TOWNSITE | | |
| Well Type | Vertical | | |

| | | | |
|---------------------|--------------------------------------|-----------------|----------|
| Test Type | CONVENTIONAL | Start Test Time | 05:20:00 |
| Formation | DST #1 CHEROKEE SAND 4,470' - 4,519' | Final Test Time | |
| Well Fluid Type | 01 Oil | | |
| Start Test Date | 2010/11/09 | | |
| Final Test Date | 2010/11/09 | | |
| Gauge Name | 1150 | | |
| Gauge Serial Number | | | |

Test Results

RECOVERED: 288' GAS IN PIPE
1,820' CLEAN OIL 36 GRAVITY @ 60 deg.
310' GCMO 9% GAS, 60% OIL, 22% MUD
2,130' TOTAL FLUID

TOOL SAMPLE: 2% GAS, 53% OIL, 45% MUD

HABIGER LIVING TRUST #2

