



KANSAS CORPORATION COMMISSION 1075357
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 # 9860
Name: Castle Resources, Inc.
Address 1: BOX 87
Address 2:
City: SCHOENCHEN State: KS Zip: 67667 + 0087
Contact Person: Jerry Green
Phone: (785) 625-5155
CONTRACTOR: License # 34432
Name: Falcon Drilling, LLC
Wellsite Geologist: Jerry Green
Purchaser:

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
 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 #:

| 2/7/2011 | 02/17/2011 | 02/17/2011 |
|-----------------------------------|-----------------|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 15-179-21276-00-00

Spot Description:
NW NE NW Sec. 4 Twp. 9 S. R. 29 East West
330 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: Sheridan

Lease Name: Mary Well #: 1

Field Name:

Producing Formation: Lansing-Kansas City

Elevation: Ground: 2851 Kelly Bushing: 2856

Total Depth: 4249 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 267 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 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: 40000 ppm Fluid volume: 300 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Castle Resources Inc.

Lease Name: Steinshouer License #: 9860

Quarter NE Sec. 34 Twp. 8 S. R. 29 East West

County: Sheridan Permit #: E30411

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 Garrisor Date: 02/29/2012



1075357

Operator Name: Castle Resources, Inc. Lease Name: Mary Well #: 1
 Sec. 4 Twp. 9 S. R. 29 East West County: Sheridan

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: Dual Induction Log Dual Compensated Porosity | <input 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>Howard</td> <td>3626</td> <td>-770</td> </tr> <tr> <td>Heebner</td> <td>3928</td> <td>-1072</td> </tr> <tr> <td>Toronto</td> <td>3950</td> <td>-1094</td> </tr> <tr> <td>Lansing-KC</td> <td>3964</td> <td>-1108</td> </tr> <tr> <td>Base-KC</td> <td>4202</td> <td>-1346</td> </tr> <tr> <td>RTD</td> <td>4249</td> <td>-1393</td> </tr> </table> | Name | Top | Datum | Howard | 3626 | -770 | Heebner | 3928 | -1072 | Toronto | 3950 | -1094 | Lansing-KC | 3964 | -1108 | Base-KC | 4202 | -1346 | RTD | 4249 | -1393 |
| Name | Top | Datum | | | | | | | | | | | | | | | | | | | | |
| Howard | 3626 | -770 | | | | | | | | | | | | | | | | | | | | |
| Heebner | 3928 | -1072 | | | | | | | | | | | | | | | | | | | | |
| Toronto | 3950 | -1094 | | | | | | | | | | | | | | | | | | | | |
| Lansing-KC | 3964 | -1108 | | | | | | | | | | | | | | | | | | | | |
| Base-KC | 4202 | -1346 | | | | | | | | | | | | | | | | | | | | |
| RTD | 4249 | -1393 | | | | | | | | | | | | | | | | | | | | |

| 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 | 12.25 | 8.625 | 24 | 267 | common | 185 | |
| | | | | | | | |
| | | | | | | | |

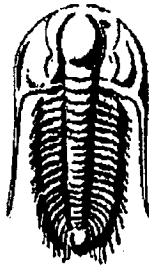
| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|---------------------------------------|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| ___ Perforate | | | | |
| ___ Protect 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 |
|----------------|---|--|-------|
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | |
|----------------|-------|---------|------------|---|
| 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 <i>(Explain)</i> _____ | | | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | 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 <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|---|--|--|



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Castle Resources, Inc.**

Box 87
Schoenchen, KS 67667

ATTN: Jerry Green

4-9-29 Sheridan, Ks

Mary #1

Start Date: 2011.02.15 @ 22:00:04

End Date: 2011.02.16 @ 08:05:34

Job Ticket #: 41918 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Castle Resources, Inc.

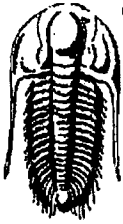
Mary #1

4-9-29 Sheridan, Ks

DST # 1

Toronto

2011.02.15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources, Inc.

Mary #1

Box 87
Schoenchen, KS 67667

4-9-29 Sheridan, Ks

Job Ticket: 41918

DST#: 1

ATTN: Jerry Green

Test Start: 2011.02.15 @ 22:00:04

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 3923.00 ft | Diameter: 3.80 inches | Volume: 55.03 bbl | Tool Weight: | 2500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.70 inches | Volume: 0.00 bbl | Weight set on Packer: | 25000.00 lb |
| Drill Collar: | Length: 92.00 ft | Diameter: 2.25 inches | Volume: 0.45 bbl | Weight to Pull Loose: | 70000.00 lb |
| | | | <u>Total Volume: 55.48 bbl</u> | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | 110.00 ft | | | String Weight: Initial | 60000.00 lb |
| Depth to Top Packer: | 3925.00 ft | | | Final | 61000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 40.00 ft | | | | |
| Tool Length: | 60.00 ft | | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | | |

Tool Comments:

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 3906.00 | |
| Shut In Tool | 5.00 | | | 3911.00 | |
| Hydraulic tool | 5.00 | | | 3916.00 | |
| Packer | 4.00 | | | 3920.00 | 20.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3925.00 | |
| Stubb | 1.00 | | | 3926.00 | |
| Perforations | 3.00 | | | 3929.00 | |
| Change Over Sub | 1.00 | | | 3930.00 | |
| Recorder | 0.00 | 8319 | Inside | 3930.00 | |
| Recorder | 0.00 | 6719 | Inside | 3930.00 | |
| Blank Spacing | 31.00 | | | 3961.00 | |
| Change Over Sub | 1.00 | | | 3962.00 | |
| Bullnose | 3.00 | | | 3965.00 | 40.00 Bottom Packers & Anchor |

Total Tool Length: 60.00

