

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 8925
Name: Liberty Operations & Completions, Inc.
Address 1: 308 West Mill
Address 2: _____
City: Plainville State: KS Zip: 67663 +
Contact Person: Roger L. Comeau
Phone: (785) 434-4686
CONTRACTOR: License # 33724
Name: Warren Drilling, LLC
Wellsite Geologist: Tony Richarson
Purchaser: _____
Designate Type of Completion:
____ New Well ____ Re-Entry ____ Workover
____ Oil ____ SWD ____ SIOW
____ Gas ____ ENHR ____ SIGW
____ CM (Coal Bed Methane) ____ Temp. Abd.
 Dry ____ Other _____
(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 Enhr. ____ Conv. to SWD
____ Plug Back: _____ Plug Back Total Depth
____ Commingled Docket No.: _____
____ Dual Completion Docket No.: _____
____ Other (SWD or Enhr.?) 8/ Docket No.: _____
815108 350108 8110108
Spud Date or Date Reached TD Completion Date or Recompletion Date

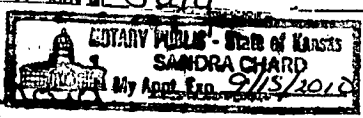
API No. 15 - 15-051-25810-00-00
Spot Description: _____
SE SE NW SE Sec. 8 Twp. 11s S. R. 17 East West
1450 Feet from North / South Line of Section
1450 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellis
Lease Name: Elmo Well #: 3
Field Name: Bemis-Shutts
Producing Formation: _____
Elevation: Ground: 1907 Kelly Bushing: 1915
Total Depth: 3560 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 225 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 225
feet depth to: Surface w/ 160

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: Evaporation
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: [Signature]
Title: Owner Date: 7/31/09
Subscribed and sworn to before me this 31 day of July
2009
Notary Public: Sandra Chard
Date Commission Expires: 9/15/2010



KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
DEC 01 2008

KANSAS CORPORATION COMMISSION

AUG 05 2009
RECEIVED

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Liberty Operations & Completions, Inc. Lease Name: Elmo Well #: 3
 Sec. 8 Twp. 11s S. R. 17 East West County: Ellis

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run: _____

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

Geologists Report
Dual Compensated Porosity Log
Microresistivity Log
Dual Induction Log
Computer Processed Interpretation

| 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 | 22# | 225 | Common | 160 | 2% Gel 3%CC |
| | | | | | | | |
| | | | | | | | |

| 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 | | | | |

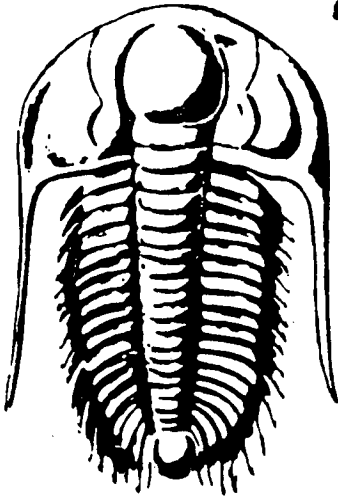
| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| | | | |
| | | | |
| | | | |

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 CONSERVATION DIVISION
 WICHITA, KS

| 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. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity |

| DISPOSITION OF GAS: | METHOD OF COMPLETION: | PRODUCTION INTERVAL: |
|---|--|----------------------|
| <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACD-18.) | <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dualy Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____ | |



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Liberty Operations**

308 W Mill
Plainville, Ks. 67663

ATTN: Tony Richardson

8 11s 17w Ellis KS

Elmo #3

Start Date: 2008.08.09 @ 13:18:08

End Date: 2008.08.09 @ 19:14:08

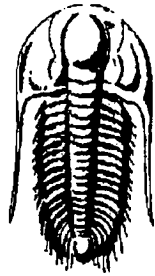
Job Ticket #: 32666 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 01 2008

CONSERVATION DIVISION
WICHITA, KS

TEST REPORT



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Liberty Operations**

308 W Mill
Plainville, Ks. 67663

ATTN: Tony Richardson

8 11s 17w Ellis KS

Elmo #3

Start Date: 2008.08.09 @ 13:18:08

End Date: 2008.08.09 @ 19:14:08

Job Ticket #: 32666 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Liberty Operations

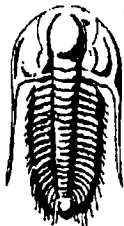
Elmo #3

8 11s 17w Ellis KS

DST # 1

Arbuckle

2008.08.09



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Liberty Operations

Elmo #3

308 W Mill
Plainville, Ks. 67663

8 11s 17w Ellis KS

Job Ticket: 32666

DST#: 1

ATTN: Tony Richardson

Test Start: 2008.08.09 @ 13:18:08

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:08:38

Time Test Ended: 19:14:08

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3394.00 ft (KB) To 3490.00 ft (KB) (TVD)**

Reference Elevations: 1915.00 ft (KB)

Total Depth: 3490.00 ft (KB) (TVD)

1907.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8360 Inside

Press@RunDepth: 820.42 psig @ 3398.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.08.09

End Date:

2008.08.09

Last Calib.:

2008.08.09

Start Time: 13:18:10

End Time:

19:14:08

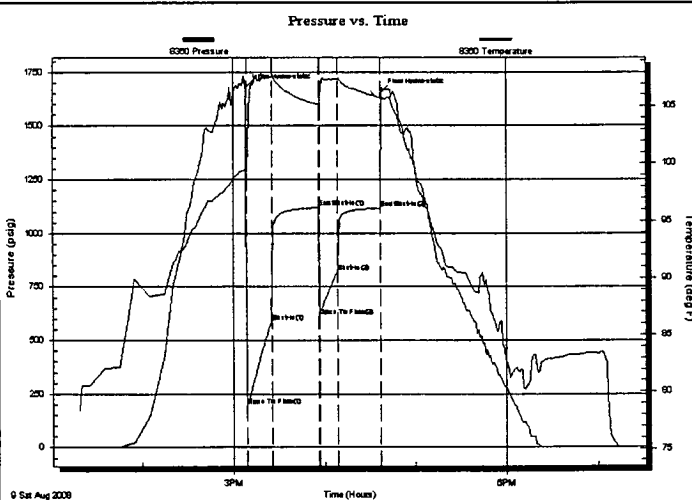
Time On Btm:

2008.08.09 @ 15:08:08

Time Off Btm:

2008.08.09 @ 16:37:08

TEST COMMENT: IFP Strong BOB in 1 Mn
ISI Dead
FFP Strong BOB in 1 Mn
FSI Dead



PRESSURE SUMMARY

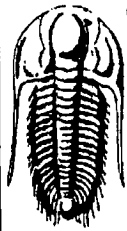
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1676.48 | 99.47 | Initial Hydro-static |
| 1 | 193.94 | 99.30 | Open To Flow (1) |
| 17 | 588.17 | 107.57 | Shut-In(1) |
| 48 | 1119.58 | 105.17 | End Shut-In(1) |
| 48 | 612.85 | 105.06 | Open To Flow (2) |
| 60 | 820.42 | 107.36 | Shut-In(2) |
| 89 | 1117.68 | 105.73 | End Shut-In(2) |
| 89 | 1656.08 | 105.89 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------|--------------|
| 420.00 | VSOCMW-2%O-58%W-40%M | 5.89 |
| 1265.00 | Muddy Water95%W-5%M | 17.74 |
| | | |
| | | |
| | | |

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Liberty Operations

Elmo #3

308 W Mill
Plainville, Ks. 67663

8 11s 17w Ellis KS

ATTN: Tony Richardson

Job Ticket: 32666

DST#: 1

Test Start: 2008.08.09 @ 13:18:08

Tool Information

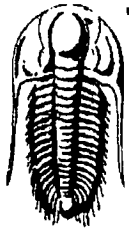
| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3396.00 ft | Diameter: 3.80 inches | Volume: 47.64 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.70 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 2.25 inches | Volume: 0.00 bbl | Weight to Pull Loose: 50000.00 lb |
| | | | <u>Total Volume: 47.64 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 23.00 ft | | | String Weight: Initial 38000.00 lb |
| Depth to Top Packer: | 3394.00 ft | | | Final 46000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 96.00 ft | | | |
| Tool Length: | 117.00 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 | | | 3374.00 | |
| Shut In Tool | 5.00 | | | 3379.00 | |
| Hydraulic tool | 5.00 | | | 3384.00 | |
| Packer | 5.00 | | | 3389.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3394.00 | |
| Stubb | 1.00 | | | 3395.00 | |
| Perforations | 3.00 | | | 3398.00 | |
| Recorder | 0.00 | 8360 | Inside | 3398.00 | |
| Change Over Sub | 1.00 | | | 3399.00 | |
| Recorder | 0.00 | 6719 | Inside | 3399.00 | |
| Blank Spacing | 62.00 | | | 3461.00 | |
| Change Over Sub | 1.00 | | | 3462.00 | |
| Perforations | 25.00 | | | 3487.00 | |
| Bullnose | 3.00 | | | 3490.00 | 96.00 Bottom Packers & Anchor |

Total Tool Length: 117.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Liberty Operations

Elmo #3

308 W Mill
Plainville, Ks. 67663

8 11s 17w Ellis KS

Job Ticket: 32666

DST#: 1

ATTN: Tony Richardson

Test Start: 2008.08.09 @ 13:18:08

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|-----------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | 27000 ppm |
| Viscosity: 43.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 9.58 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 3000.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|----------------------|---------------|
| 420.00 | VSOCMW-2%O-58%W-40%M | 5.891 |
| 1265.00 | Muddy Water95%W-5%M | 17.745 |

Total Length: 1685.00 ft Total Volume: 23.636 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

