

OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 31155  
Name: Axem Resources, Inc.  
Address 7800 E. Union Ave., Ste. 1100  
City/State/Zip Denver, CO 80237  
Purchaser: N/A  
Operator Contact Person: Terry Hoffman  
Phone (303) -740-9000  
Contractor: Name: Emphasis Oil Operations  
License: 8241  
Wellsite Geologist: Richard Hall

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGU  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PSTD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj)  Docket No. \_\_\_\_\_

2/19/94 3/1/94  
Spud Date Date Reached TD Completion Date

API # 15-071-20,619-0000  
County Greeley **ORIGINAL**  
NW - SE - \_\_\_\_\_ Sec. 12 Twp. 18S Rge. 43  E  
1850 Feet from S/K (circle one) Line of Section  
1950 Feet from E/W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name Lawson Well # 10-12  
Field Name \_\_\_\_\_  
Producing Formation None  
Elevation: Ground 3856' KB 3864' K.B.  
Total Depth 5250' PSTD \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 315 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/ \_\_\_\_\_ sk cat.  
Drilling Fluid Management Plan D&A JH 6-23-94  
(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 Rng. \_\_\_\_\_ E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 Terry L. Hoffman  
Title Senior Drilling Technician Date 3/17/94  
Subscribed and sworn to before me this 17<sup>th</sup> day of March  
94  
Notary Public Debra M. Page  
Date Commission Expires 8-12-96

|                                     |                                    |
|-------------------------------------|------------------------------------|
| K.C.C. OFFICE USE ONLY              |                                    |
| <input type="checkbox"/>            | Letter of Confidentiality Attached |
| <input checked="" type="checkbox"/> | Wireline Log Received              |
| <input checked="" type="checkbox"/> | Geologist Report Received          |
| Distribution                        |                                    |
| <input checked="" type="checkbox"/> | KCC                                |
| <input type="checkbox"/>            | EGS                                |
| <input type="checkbox"/>            | SWD/Rep                            |
| <input type="checkbox"/>            | Plug                               |
| <b>RECEIVED</b>                     |                                    |
| STATE CORPORATION COMMISSION        |                                    |

**MAR 21 1994**  
Form ACO-1 (7-91) 3-21-94  
CONSERVATION DIVISION  
Wichita, Kansas

WICHITA, KANSAS  
MARCH 21 1994

Operator Name Axem Resources, Inc.

Lease Name Lawson

Well # 10-12

Sec. 12 Twp. 18S Rge. 43

East

County Greeley

West

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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   |
|------------------|--------|---------|
| Permian          | 2,597' | 1,269'  |
| Topeka           | 3,814' | 52'     |
| Lansing          | 4,124' | -258'   |
| Atoka            | 4,880' | -1,014' |
| Morrow Shale     | 5,014' | -1,148' |
| Morrow Limestone | 5,112' | -1,246' |
| Mississippian    | 5,188' | -1,322' |

**CASING RECORD**

New  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#             | 316'          | 60/40 Poz      | 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 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 (Amount and Kind of Material Used) | Depth |
|----------------|--|--|-------|
|                |  |  |       |
|                |  |  |       |
|                |  |  |       |
|                |  |  |       |

**TUBING RECORD** Size \_\_\_\_\_ Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj] D & A Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil \_\_\_\_\_ Bbls Gas \_\_\_\_\_ Mcf Water \_\_\_\_\_ Bbls Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

Disposition of Gas:  Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)

**METHOD OF COMPLETION**

Open Hole  Perf  Dually Comp  Cemented  Other (Specify) \_\_\_\_\_

Production Interval

2000

ORIGINAL

Phone 913-483-2627, Russell, KS  
Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC. 6667562

Home Office P. O. Box 31

Russell, Kansas 67665

*new*

|       |        |          |       |          |                          |       |    |            |         |             |         |           |  |        |         |
|-------|--------|----------|-------|----------|--------------------------|-------|----|------------|---------|-------------|---------|-----------|--|--------|---------|
| Date  | 3-1-94 | Sec.     | 12    | Twp.     | 18                       | Range | 43 | Called Out | 4:00 AM | On Location | 9:00 AM | Job Start |  | Finish | 1:15 PM |
| Lease | Lawson | Well No. | 10-12 | Location | Tribune 13W-2N-1/2W-1/4N |       |    | County     | Greeley | State       | Kan     |           |  |        |         |

|                     |                        |            |
|---------------------|------------------------|------------|
| Contractor          | Emphasis Oil Oper # 10 |            |
| Type Job            | PTA                    |            |
| Hole Size           | 7 7/8                  | T.D. 5250' |
| Csg.                |                        | Depth      |
| Tbg. Size           |                        | Depth      |
| Drill Pipe          |                        | Depth      |
| Tool                |                        | Depth      |
| Cement Left in Csg. |                        | Shoe Joint |
| Press Max.          |                        | Minimum    |
| Meas Line           |                        | Displace   |
| Perf.               |                        |            |

Owner Same  
 To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Axem Resources  
 Street  
 City State  
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.  
 X *[Signature]*  
**CEMENT**

Amount Ordered 265 sks 60/100 per 6 1/2' d. 1/2" x 5 floz

|               |  |
|---------------|--|
| Consisting of |  |
| Common        |  |
| Poz. Mix      |  |
| Gel.          |  |
| Chloride      |  |
| Quickset      |  |

Handling 1.00 per sk  
 Mileage 4¢ per sk/mile

|           |  |
|-----------|--|
| Sales Tax |  |
| Sub Total |  |
| Total     |  |

Floating Equipment  
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 MAR 21 1994

**EQUIPMENT**

|         |         |          |       |
|---------|---------|----------|-------|
| Pumptrk | No. 191 | Cementer | Walt  |
|         |         | Helper   |       |
| Pumptrk | No.     | Cementer |       |
|         |         | Helper   |       |
| Bulktrk | 212     | Driver   | Mike  |
| Bulktrk |         | Driver   | Steve |

**DEPTH of Job**

|            |                  |  |
|------------|------------------|--|
| Reference: | Pumptrk          |  |
|            | 8 5/8" D.H. Plus |  |
|            | 225 per mil.     |  |
|            | Sub Total        |  |
|            | Tax              |  |
|            | Total            |  |

**Remarks:**

|    |       |                      |
|----|-------|----------------------|
| 50 | sks @ | 2630'                |
| 80 | sks @ | 1700'                |
| 50 | sks @ | 850'                 |
| 50 | sks @ | 300'                 |
| 10 | sks @ | 40'                  |
| 15 | sks @ | R.H., 10 sks in M.H. |

CONSERVATION DIVISION  
Wichita, Kansas

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

**ALLIED CEMENTING CO., INC.**

4435

Home Office P. O. Box 31

Russell, Kansas 67665

|                     |                                |          |            |          |    |                                 |    |            |        |             |        |   |                    |        |       |  |
|---------------------|--------------------------------|----------|------------|----------|----|---------------------------------|----|------------|--------|-------------|--------|---|--------------------|--------|-------|--|
| Date                | 2-19-94                        | Sec.     | 12         | Twp.     | 18 | Range                           | 43 | Called Out | 3:00AM | On Location | 8:00AM | Job Start   | 9:30AM             | Finish | 10:00 |  |
| Lease               | Lawson                         | Well No. | #1         | Location |    | Tribene 1342 N. 2nd St. Greeley |    | County     | KANS.  |             | State  |   |                    |        |       |  |
| Contractor          | EMPHASIS OIL OPERATIONS RIG 10 |          |            |          |    |                                 |    |            |        |             |        | Owner   | AXEM RESOURCES INC |        |       |  |
| Type Job            | Surface                        |          |            |          |    |                                 |    |            |        |             |        | To Allied Cementing Co., Inc.<br>You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |                    |        |       |  |
| Hole Size           | 12 1/4"                        |          | T.D.       | 317      |    |                                 |    |            |        |             |        |   |                    |        |       |  |
| Csg.                | 8 5/8"                         |          | Depth      | 310.62   |    |                                 |    |            |        |             |        |   |                    |        |       |  |
| Tbg. Size           |                                |          | Depth      |          |    |                                 |    |            |        |             |        |   |                    |        |       |  |
| Drill Pipe          |                                |          | Depth      |          |    |                                 |    |            |        |             |        |   |                    |        |       |  |
| Tool                |                                |          | Depth      |          |    |                                 |    |            |        |             |        |   |                    |        |       |  |
| Cement Left in Csg. | 15'                            |          | Shoe Joint |          |    |                                 |    |            |        |             |        |   |                    |        |       |  |
| Press Max.          |                                |          | Minimum    |          |    |                                 |    |            |        |             |        |   |                    |        |       |  |
| Meas Line           |                                |          | Displace   | ✓        |    |                                 |    |            |        |             |        |   |                    |        |       |  |
| Perf.               |                                |          |            |          |    |                                 |    |            |        |             |        |   |                    |        |       |  |

**EQUIPMENT**

|          |          |           |
|----------|----------|-----------|
| #300 No. | Cementer | M KAUFMAN |
| Pumptrk  | Helper   | Terry     |
| No.      | Cementer |           |
| Pumptrk  | Helper   |           |
| #315     | Driver   | MIKE S    |
| Bulktrk  | Driver   |           |

**DEPTH of Job**

|            |   |                       |
|------------|---|-----------------------|
| Reference: | # | DUMP TRK              |
|            |   | 1-8 3/8" Surface plug |
|            |   |                       |
|            |   |                       |
|            |   | Sub Total             |
|            |   | Tax                   |
|            |   | Total                 |

**Remarks:**

Cement Circulated

|  |                               |  |
|--|-------------------------------|--|
| Charge To  | EMPHASIS OIL OPERATIONS       |  |
| Street   |                               |  |
| City   | State                         |  |
| The above was done to satisfaction and supervision of owner agent or contractor. |                               |  |
| Purchase Order No.   |                               |  |
| X  | No. 1000000000                |  |
|  | <b>CEMENT</b>                 |  |
| Amount Ordered   | 200 SKS 60/40 P07 39 cc 27 lb |  |
| Consisting of  |                               |  |
| Common   |                               |  |
| Poz. Mix   |                               |  |
| Gel.   |                               |  |
| Chloride   |                               |  |
| Quickset   |                               |  |
|  | Sales Tax                     |  |
| Handling   |                               |  |
| Mileage  |                               |  |
|  | Sub Total                     |  |
|  | Total                         |  |
| Floating Equipment   |                               |  |

*[Handwritten Signature]*

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 MAR 21 1994  
 CONSERVATION DIVISION  
 Wichita, Kansas



Pipe Tally  
NO 1097

Threading Plant:  
Ness City, Kansas  
Pho. (913) 798-3602  
Fax. (913) 798-3603  
Alan Wasinger - Plant Mgr.

ORIGINAL

DATE: 2-18-94 CUSTOMER: 878 23# New Lawson Well  
CARRIER: Frazier RECEIVED BY: Ned A. Whipple

| Col. #1 | Col. #2 | Col. #3 | Col. #4 | Col. #5 | Col. #6 | Col. #7 | Col. #8 |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 43 90 | 21      | 41      | 61      | 81      | 101     | 121     | 141     |
| 2 44 -  | 22      | 42      | 62      | 82      | 102     | 122     | 142     |
| 3 43 90 | 23      | 43      | 63      | 83      | 103     | 123     | 143     |
| 4 43 85 | 24      | 44      | 64      | 84      | 104     | 124     | 144     |
| 5 43 90 | 25      | 45      | 65      | 85      | 105     | 125     | 145     |
| 6 43 85 | 26      | 46      | 66      | 86      | 106     | 126     | 146     |
| 7 43 90 | 27      | 47      | 67      | 87      | 107     | 127     | 147     |
| 8       | 28      | 48      | 68      | 88      | 108     | 128     | 148     |
| 9       | 29      | 49      | 69      | 89      | 109     | 129     | 149     |
| 10      | 30      | 50      | 70      | 90      | 110     | 130     | 150     |
| 11      | 31      | 51      | 71      | 91      | 111     | 131     | 151     |
| 12      | 32      | 52      | 72      | 92      | 112     | 132     | 152     |
| 13      | 33      | 53      | 73      | 93      | 113     | 133     | 153     |
| 14      | 34      | 54      | 74      | 94      | 114     | 134     | 154     |
| 15      | 35      | 55      | 75      | 95      | 115     | 135     | 155     |
| 16      | 36      | 56      | 76      | 96      | 116     | 136     | 156     |
| 17      | 37      | 57      | 77      | 97      | 117     | 137     | 157     |
| 18      | 38      | 58      | 78      | 98      | 118     | 138     | 158     |
| 19      | 39      | 59      | 79      | 99      | 119     | 139     | 159     |
| 20      | 40      | 60      | 80      | 100     | 120     | 140     | 160     |

DESCRIPTION

| Col. | Joints | Footage | Item | Cond. | Size  | Weight | Grade | Thread | Mfg. | Range | Location |
|------|--------|---------|------|-------|-------|--------|-------|--------|------|-------|----------|
| 1    | 7      | 507.30  |      | W     | 6 1/2 | 25     | LS    | SEC    |      | R-1   | C-1      |
| 2    |        |         |      |       |       |        |       |        |      |       |          |
| 3    |        |         |      |       |       |        |       |        |      |       |          |
| 4    |        |         |      |       |       |        |       |        |      |       |          |
| 5    |        |         |      |       |       |        |       |        |      |       |          |
| 6    |        |         |      |       |       |        |       |        |      |       |          |
| 7    |        |         |      |       |       |        |       |        |      |       |          |
| 8    |        |         |      |       |       |        |       |        |      |       |          |

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