

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 Union E. Ave., Ste. 1100
Denver, CO 80237

City/State/Zip _____

Purchaser: _____

Operator Contact Person: Terry Hoffman

Phone (303)-740-9000

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Pete Devenhan

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOV Temp. Abd.
 Gas EKKR SICU
 Dry Other (Core, WSV, 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 PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

3/2/94 3/12/94
Spud Date Date Reached TD Completion Date

County Greeley

ORIGINAL

C - NW - NW - Sec. 19 Twp. 18S Rge. 42 X E

4620 Feet from ① (circle one) Line of Section

4620 Feet from ① (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, ① NW or SW (circle one)

Lease Name Betty 'J' Well # 4-19

Field Name _____

Producing Formation _____

Elevation: Ground 3862' KB 3870'

Total Depth 5250' PBTD _____

Amount of Surface Pipe Set and Cemented at 312 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/ _____ ex cnt.

Drilling Fluid Management Plan D&A JH 7-8-94
(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 3/24/94

Subscribed and sworn to before me this 24 day of March 19 94.

Notary Public Debra U. Karagy
Date Commission Expires 8-12-96

K.C.C. OFFICE USE ONLY

Letter of Confidentiality

Wireline Log Receipt

Geologist Report Received

RECEIVED
MAR 20 1994
3-28-94
CONSERVATION DIVISION
Wichita, Kansas

Distribution
 SVD/Rep
 Plug
 ECC
 KGS

Operator Name Axem Resources, Inc.

Lessee Name Betty 'J'

Well # 4-19

Sec. 19 Twp. 18S Rge. 42

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: DUAL INDUCTION
KCC
JH
COMPENSATED NEUTRON DENSITY
BOREHOLE SONIC

Log Name	Formation (Top)	Depth and Datum	Sample
Name	Top	Datum	
Permian	2,573'	1,297'	
Topeka	3,796'	74'	
Lansing	4,104'	-234'	
Atoka	4,863'	-993'	
Morrow Shale	5,000'	-1,130'	
Morrow Limestone	5,101'	-1,231'	
Mississippian	5,183'	-1,313'	

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#	313'	60/40 Pozl	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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Pecker At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

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

Estimated Production Per 24 Hours	Oil N/A Bbls.	Gas N/A 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 _____

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. 7563

Home Office P. O. Box 31 Russell, Kansas 67665

new

Date	3-3-94	Sec.	19	Twp.	18	Range	42	Called Out	1:30 AM	On Location	1:45 AM	Job Start	2:15 AM	Finish	2:15 AM
Lease	Roth J.	Well No.	4-19	Location	Tribune 13W-34N-E-S			County	Greeley	State	Kan				
Contractor	Emphasis oil Opr #10														
Type Job	Surface														
Hole Size	12 1/4	T.D.	317'												
Csg.	8 5/8	Depth	312'												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth	ORIGINAL												
Cement Left in Csg.	15'	Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace	✓ 19.												
Perf.															

EQUIPMENT

Pumptrk	No.	Cementer	191	Helper	Walt
Pumptrk	No.	Cementer		Helper	Sanny
Bulktrk	315	Driver		Driver	Robert
Bulktrk		Driver			

DEPTH of Job

Reference:	Pumptruck	
	2 5/8 Hadden Plug	
	225 per inch	
	Sub Total	
	Tax	
	Total	

Remarks: *Pass out Test Core*

Owner *ALCO*
 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 *Emphasis oil Opr*
 Street _____
 City _____ State _____
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____
 N. J. ...

CEMENT

Amount Ordered *200 SKS 6 1/4" 200, 3 1/2" (C-2 1/2) 100*

Consisting of
 Common _____
 Poz. Mix _____
 Gel. _____
 Chloride _____
 Quickset _____

Sales Tax

Handling *1.00 per sk*

Mileage *44 per sk/mile*

Sub Total _____
 Total _____

Floating Equipment _____

RECEIVED
 STATE CORPORATION COMMISSION

MAR 28 1994

CONSERVATION DIVISION
 Wichita, Kansas

