

ORIGINAL

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

Operator: License # 03456

Name: AFG Energy, Inc.

Address P.O. Box 458

City/State/Zip Hays, KS 67601

Purchaser: _____

Operator Contact Person: Ed Glassman

Phone (913) 625-6374

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

- Oil SWD SIOW Temp. Abd.
- Gas EHHR SIGW
- 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 PBSD
- Commingled Docket No. _____
- Dual Completion Docket No. _____
- Other (SWD or Inj?) Docket No. _____

11-19-93 11-27-93
 Spud Date Date Reached TD Completion Date

API NO. 15- 165-21,637-0000

County Rush

C N/2 NE Sec. 26 Twp. 16 Rge. 18 W

4620' Feet from S/W (circle one) Line of Section

660' 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 Kreutzer "A" Well # 1

Field Name _____

Producing Formation _____

Elevation: Ground 2053 KS 2062

Total Depth 3620 PBSD _____

Amount of Surface Pipe Set and Cemented at 1190 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 cmt.

Drilling Fluid Management Plan D & A JH 3-1-94
(Data must be collected from the Reserve Pit)

Chloride content 70,000 ppm Fluid volume 1000 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 Larry W. Piesher

Title General Manager Date 12-16-93

Subscribed and sworn to before me this 16th day of Dec, 19 93.

Notary Public Linda K. Pfannenstiel

Date Commission Expires 2/5/96

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality RECEIVED

C Wireline Log Received

C Geologist Report Received

DEC 20 1993

Distribution

KCC SWD/Rep NSPA

KGS Plug Other (Specify)

CONSERVATION DIVISION
Wichita, Kansas

LINDA K. PFANNENSTIEL
 NOTARY PUBLIC
 STATE OF KANSAS
 My Appt. Exp. 2/5/96

P1

SIDE TWO

Operator Name AFG Energy, Inc. Lease Name Kreutzer "A" Well # 1
 East County Rush
 Sec. 26 Twp. 16 Rge. 18 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Toneka	3036	-974
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3268	-1204
		Toronto	3283	-1221
		L-KC	3317	-1255
		Granite Wash	3577	-1515

List All E.Logs Run:
 Guard, Neutron / Density

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"	25#	1190'	60/40 poz	390	2% gel 3% cc.

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate	Top	Bottom			
___ Protect Casing					
___ Plug Back TD					
___ 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	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj.			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 ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

API# 15-165-21637-0000

DST's

Kreutzer "A" #1

ORIGINAL

DST's #1 -	1980' - 2085'	15-30-45-30
	Rec. - 180 GIP, 180' Gassy mud, 80' Gassy muddy water	
	FP - 86-163	
	SIP - 517-489	
DST's #2 -	3023' - 3060'	15-30-45-30
	Rec. - 1520' GIP, 130' Thin Gassy mud with oil spks	
	FP - 74-97	
	SIP - 888 - 835	
DST's #3 -	3267' to 3359'	30-45-60-45
	Gas to surface in 6 min. Guaged - 1st opn - 83 MCF	
	2nd opn - 163 to 63 MCF	
DST's #4 -	3376' to 3420'	30-30-30-30
	Rec. 30' Mud, 240' Muddy water	
	FP - 89 -157	
	SIP - 1001 - 986	
DST's #5 -	3431' to 3550'	30-30-30-30
	Rec. - 15' Mud	
	FP - 67 - 67	
	SIP - 157 - 127	
DST's #6 -	3540' - 3595'	30-30-30-30
	Rec - 15' Mud	
	FP - 30 38	
	SIP - 52 -52	
DST's #7 -	3174' - 3210' Straddle	15-30-45-30
	Rec - 330' Mud	
	FP - 87 - 200	
	SIP - 1120 - 865	

RECEIVED
STATE CORPORATION COMMISSION

DEC 20 1993

CONSERVATION DIVISION
Wichita, Kansas

15165-21637-0000

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. 0068448

Home Office P. O. Box 31

Russell, Kansas 67465

New

Date <i>11-27-93</i>	Sec. <i>26</i>	Twp. <i>16S</i>	Range <i>18W</i>	Called Out	On Location	Job Start <i>8:00 AM</i>	Finish <i>9:15 AM</i>
Lease <i>Kreutzer</i>	Well No. <i>1</i>	Location <i>Liebethal 1S 1 1/2 E</i>		County <i>Rush</i>	State <i>Ks</i>		

Contractor <i>Duke D. Ry Rq 4</i>	
Type Job <i>Plug</i>	
Hole Size <i>7 7/8</i>	T.D. <i>3620</i>
Csg.	Depth
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	

Owner	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	<i>AFG Energy Inc</i>
Street	
City	State
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	ORIGINAL
X	
CEMENT	
Amount Ordered	<i>125 60 6% gel</i>
Consisting of	

EQUIPMENT

No.	Cementor	<i>Dave</i>
Pumptrk <i>153</i>	Helper	
No.	Cementor	<i>Mike</i>
Pumptrk	Helper	
	Driver	
Bulktrk <i>218</i>	Driver	

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
	Sales Tax
Handling	
Mileage	
	Sub Total
	Total
Floating Equipment	

DEPTH of Job

Reference:	<i>Dump trk chg</i>	
	<i>2 2 1/2 per mile</i>	
	<i>plug,</i>	
	Sub Total	
	Tax	
	Total	

Remarks:

50 sk @ 1250
50 sk @ 600
10 sk @ 40
15 Rat hole

RECEIVED
STATE REGISTRATION COMMISSION

DEC 20 1993

REGISTRATION DIVISION
KANSAS