

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

API NO. 15- 165-21,631-0000
 County Rush
 NE - NE - NW - Sec. 28 Twp. 16S Rge. 16 W

ORIGINAL

CONFIDENTIAL

Operator: License # 3456
 Name: AFG Energy, Inc.
 Address P. O. Box 458

4950 Feet from M (circle one) Line of Section
2970 Feet from W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE, SE, NW or SW (circle one)

JUN 18

City/State/Zip Hays, Kansas

Lease Name Kaiser Well # 1

Purchaser: _____

Field Name _____

Operator Contact Person: Ed Glassman

Producing Formation Lansing KC

Phone (913) -625-6374

Elevation: Ground 1951' KB 1956'

Contractor: Name: Emphasis Oil Operations

Total Depth 3600' PBDT _____

License: 8241

Amount of Surface Pipe Set and Cemented at 1043 Feet

Wellsite Geologist: Ed Glassman

Multiple Stage Cementing Collar Used? Yes No

Designate Type of Completion
 New Well Re-Entry Workover

If yes, show depth set _____ Feet

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSU, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat.

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

Drilling Fluid Management Plan DLT 1 6-29-93
 (Data must be collected from the Reserve Pit)

Operator: _____

Chloride content 55,000 ppm Fluid volume 1050 bbls

Well Name: _____

Dewatering method used Evaporation

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

Operator Name _____

Lease Name _____ License 1994

Spud Date 5/6/93 Date Reached TD 5/14/93 Completion Date 5-26-93

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____

RELEASED

SEP 8 1994

FROM CONFIDENTIAL

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 W. Risher
 Title Prod. Manager Date 6/16/93

Subscribed and sworn to before me this 16 day of June 19 93.

Notary Public Linda K Pfannenstiel

Date Commission Expires 2/5/96

RECEIVED
 CORPORATION COMMISSION
 K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Geologist Report Received
 JUN 18 1993
 OIL & GAS CONSERVATION DIVISION
 Wichita, Kansas
 Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
 (Specify)

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

Operator Name AFG Energy, Inc.

Lease Name Kaiser

Well # 1

Sec. 28 Twp. 16S Rge. 16

East
 West

County Rush

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 type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1060	+896
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2964	-1008
List All E.Logs Run:		Heebner	3194	-1238
		Toronto	3213	-1257
		Ian -KC	3244	-1288
		Base L-KC	3484	-1522
		Arbuckle	3566	-1610

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"	25#	1023	60/40 Poz	400	2% Gel 3%cc.
Long String	7 7/8"	4 1/2"	10.5 #	3599	Common	200	5% Gilsorite

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
4 holes / ft.	3269' -3272' set plug on - 3264'	500 gal. 15% Reg.	
" "	3244' -3246'	" "	
" "	3211' -3214'	" "	

TUBING RECORD	Size 2 3/8"	Set At 3250	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 6-4-93	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil 30	Bbls.	Gas Mcf	Water Bbls.
			Gas-Oil Ratio	Gravity 36

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

3244' - 3246'
3211' - 3214'

CONFIDENTIAL

Kaiser #1

ORIGINAL

- DST's -

- #1- 2951' to 2980 15-30-45-30
 Rec. -5' mud
 FP -39-39 SIP - 64-41

- #2 - 3192' to 3290 15-30-45-30
 Rec. -830' GIP, 390' Gassy muddy oil
 FP -104-198 SIP -1074-1071

- #3- 3304 to 3345 15-30-45-30
 Rec. -30' Wtry. mud
 IF -51-51 SIP -1067-971

- #4- 3358'-3406' 15-30-45-30
 Rec. -5' mud
 FP -49-49 SIP -256-72

- #5- 3483' to 3531' 15-30-45-30
 Rec. -10' mud
 FP -51-51 SIP -82-56

RELEASED

SEP 6 1994

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JUN 18 1993

CONSERVATION DIVISION
Wichita Kansas

15-165-21631-0000

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

CONFIDENTIAL ORIGINAL

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

ALLIED CEMENTING CO., INC. 5118

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

New

Date	5-7-93	Sec.	28	Twp.	16S	Range	16W	Called Out	2:00AM	On Location	3:45PM	Job Start	4:30PM	Finish	5:00PM	
Lease	KAISER	Well No.	#1	Location	LORETTA 4E 1S 2E			County	RUSH	State	KANSAS					
Contractor	EMPHASIS DRILL RIG #6											Owner	SS			
Type Job	LONG SURFACE											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.				
Hole Size	12 1/4		T.D.	1043'												
Csg.	8 5/8 25 #		Depth	1043'												
Tbg. Size												Depth				
Drill Pipe												Depth				
Tool												Depth				
Cement Left in Csg.	15-20'		Shoe Joint													
Press Max.												Minimum				
Meas Line	✓											Displace	✓ 65 1/4 ³⁸¹			
Perf.																

EQUIPMENT

Pumptrk	No.	Cementer	
	#177	Helper	
Pumptrk	No.	Cementer	
		Helper	
Bulktrk		Driver	
	II		
Bulktrk		Driver	

DEPTH of Job

Reference:	Pump TRUCK CREW	
	1-8 5/8 RUBBER PLUG	
	2" PER MILE	
	Sub Total	
	Tax	
	Total	

Remarks:

Cement CIRCULATED

[Signature]

Charge To	AFG ENERGY INC.		
Street			
City			State
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.			
X	<i>[Signature]</i>		
CEMENT			
Amount Ordered	400 SK 60/40 2% Gel 39000		
Consisting of			
Common			
Poz. Mix			
Gel.			
Chloride			
Quickset			
Sales Tax			
Handling			
Mileage			
Sub Total			
RELEASED			
Total			
Floating Equipment	SEP 6 1994		
FROM CONFIDENTIAL			
RECEIVED STATE DEPARTMENT OF REVENUE JUN 18 1993 CONSERVATION DIVISION Wichita, Kansas			

K-1165-21631-0000

CONFIDENTIAL

ORIGINAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

5271

New

Home Office P. O. Box 31

Russell, Kansas 67665

Date	5-14-93	Sec.	28	Twp.	16	Range	16	Called Out	6:30 AM	On Location	9:00 AM	Job Start	1:00 PM	Finish	2:00 PM	
Lease	Kaiser	Well No.	#1	Location				Loc. T134E15N20E15	County	Rush	State	KANSAS				
Contractor	Emphasis Oil Operations Rigs															
Type Job	Production															
Hole Size	7 7/8"	T.D.	3600'													
Csg.	4 1/2"	Depth	3599'													
Tbg. Size		Depth														
Drill Pipe		Depth														
Tool		Depth														
Cement Left in Csg.	20.78	Shoe Joint	20.78													
Press Max.		Minimum														
Meas Line	YES	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 **AFG Energy**
Street **P.O. Box 458**
City **Hays** State **Kan** **67601**

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
X7 1000 W 12000
CEMENT

Amount Ordered	200 SKS COM 10% Salt 58 bit	
Consisting of		
Common	200	525
Poz. Mix		1150.00
Gel.		
Chloride		
Quicksalt	20	525
Gil	940 ²	39
		1050.00
		3166.60
Sales Tax		
Handling	100	200.00
Mileage	28	04
		224.00
Sub Total		2045.60
Total		2045.60

RELEASED
SEP 6 1994

RECEIVED
STATE DEPARTMENT OF COMMERCE
JUN 18 1993
600.00
1173.00
169.00
109.00
\$ 550.00

EQUIPMENT

#221 No.	Cementer	Bill M
Pumptrk	Helper	M Kaufman
No.	Cementer	
Pumptrk	Helper	
#155	Driver	Paul D
Bulktrk	Driver	

DEPTH of Job

Reference	#	Pump Tak	980.00
		1- 4 1/2" Rubber plug	33.00
		2 3/4" Perm. seal	63.00
		Sub Total	1076.00
		Tax	
		Total	

Remarks:
15 SKS in float hole
10 SKS in Mouse hole
Float Held