

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

Operator: License # 3456

Name: AFG Energy Inc.

Address P.O. Box 458

City/State/Zip Hays, KS 67601

Purchaser: Enron

Operator Contact Person: Ed Glassman

Phone (913) 625-6374

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Ed Glassman

Designate Type of Completion

New Well Re-Entry Workover

Oil SVD SIOW Temp. Abd.
 Gas ENHR 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 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SVD or Inj?) Docket No. _____

02-10-95 02-18-95 03-09-95
Spud Date Date Reached TD Completion Date

API NO. 15- 165-21675-0000

County Rush County, Kansas

C - W/2-SE/4 Sec. 23 Twp. 16S Rge. 18W

1320 Feet from SW (circle one) Line of Section

1980 Feet from EW (circle one) Line of Section

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

Lease Name Graham Well # 1

Field Name Liebenthal

Producing Formation Lansing - Kansas City

Elevation: Ground 2060' KB 2069'

Total Depth 3620' PBDT 3370'

Amount of Surface Pipe Set and Cemented at 1205.59 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/ _____ sx cmt.

Drilling Fluid Management Plan ACT 1 1-31-96
(Data must be collected from the Reserve Pit) DPW

Chloride content 5500 ppm Fluid volume 1100 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

Quarter W/2 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 W. Piesker
Title Production Manager Date 4-17-95

Subscribed and sworn to before me this 17th day of April, 19 95.

Notary Public Linda R Pfannenstiel

Date Commission Expires 2/5/96

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

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SVD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name AFG Energy Inc. Lease Name Graham Well # 1
 Sec. 23 Twp. 16S Rge. 18 East County Rush County, Kansas
 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 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	1190'	t879
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3045'	(-976)
List All E.Logs Run:		Heebner	3272'	(-1203)
Neutron / Density Dual Induction		Lansing-KC	3320'	(-1251)
		Granite Wash	3571'	(-1502)
		Granite	3581'	(-1512)

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#	1205.59	60/40 Poz	375	3%cc 2%gel
Production	7-7/8"	4-1/2"	10.5#	3918	common	200	10%salt5%gil.

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.	3345' to 3349'	500 gal., 15% NE	

TUBING RECORD Size 2 3/8" Set At 3330' Packer At 3300' Liner Run Yes No

Date of First, Resumed Production, SMD or Inj. 3-23-95 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Sbls.	Gas	Mcf	Water	Sbls.	Gas-Oil Ratio	Gravity
			380		10			

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

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

Production Interval 3345' to 3349'

ORIGINAL

-Graham #1

DST's API# 15-165-21675-0000

- 1) 3035' to 3051' 15-30-45-30
1st. opn - 1" to B.O.B. in 8 minutes.
2nd opn - Strong blow.
Rec. - 930' GIP - 30' mud with oil spots.
FP - 32 - 33
SIP - 751 - 670

- 2) 3375' to 3485' 45-45-45-45
1st. & 2nd opn - Strong blow.
Rec. - 30' GIP - 1' CO - 151' wtry mud with oil spots -
200' muddy water.
FP - 130 - 200
SIP - 955 - 942

- 3) 3495' to 3501' 15-30-45-30
Wk. blow both opens
Rec. - 5' Drilling mud.
FP - 28 - 28
SIP - 28 - 28

- 4) 3508' to 3520' 15-30-15-30
WK. blow both opens.
Rec. - 1' Mud
FP - 28 - 28
SIP - 28 - 28

- 5) Straddle 3297' to 3371'
Strong blow both opens. GTS in 3 minutes on 1st opn.
Gauged - 750 MCF
Rec. - 150' Gassy Mud - 360' Gassy Water.
FP - 314 - 354
SIP - 963 - 953

RECEIVED
STATE CORPORATION COMMISSION
APR 7 8 1995
CONSULTING DIVISION
WICHITA, KANSAS

15.165-21675-0000

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.

Home Office P. O. Box 31

Russell, Kansas 67665

7057

ORIGINAL

New Bid

Date <i>2-11-95</i>	Sec. <i>23</i>	Twp. <i>16S</i>	Range <i>18W</i>	Called Out	On Location	Job Start	Finish <i>1:30pm</i>
Lease <i>Ceram</i>	Well No. <i>1</i>	Location <i>Liebertal 15 2E 1/4N</i>			County <i>Rush</i>	State <i>Ks</i>	

Contractor <i>Duke Drlg Rig 4</i>	Owner
Type Job <i>Long Surface</i>	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 <i>12 1/4</i>	T.D. <i>1205</i>
Csg. <i>8 1/8</i>	Depth <i>1205</i>
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg. <i>15.20</i>	Shoe Joint
Press Max.	Minimum
Meas Line <i>23#</i>	Displace <i>75.60 BBL</i>
Perf.	

Charge To <i>AFG Energy Inc</i>
Street <i>P.O. Box 458</i>
City <i>Hays</i> State <i>Kan 67601</i>
The above was done to satisfaction and supervision of owner agent or contractor.
Purchase Order No.
X <i>Rich Wheeler</i>

EQUIPMENT

Pumptrk <i>153</i>	Cementer <i>Dave</i>	
	Helper <i>Mark</i>	
Pumptrk	Cementer	
	Helper	
Bulktrk <i>146</i>	Driver <i>Paul</i>	
Bulktrk	Driver	

CEMENT		
Amount Ordered <i>375 6/40 3% cc 2% gel</i>		
Consisting of		
Common <i>225</i>	<i>575</i>	<i>1293.75</i>
Poz. Mix <i>150</i>	<i>300</i>	<i>450.00</i>
Gel. <i>7</i>	<i>9.00</i>	<i>63.00</i>
Chloride <i>11</i>	<i>25.00</i>	<i>275.00</i>
Quickset		
	Sales Tax	
Handling <i>1.00</i>		<i>375.00</i>
Mileage <i>18 mi</i>	<i>.04</i>	<i>270.00</i>
	Sub Total	<i>2726.75</i>
	Total	

DEPTH of Job		
Reference: <i>0-300 Pump trk clay</i>		<i>430.00</i>
<i>300-1205 39' f per ft</i>		<i>352.95</i>
<i>8 1/8 solid Rubber plug</i>		<i>33.00</i>
<i>2 3/8 per mile 1 1/2</i>	Sub Total	<i>40.50</i>
	Tax	
	Total	<i>906.45</i>

Remarks: *Cement Did Cir. V*

RECEIVED
STATE CORPORATION COMMISSION

APR 18 1995

CONSE... DIVISION

15.165-21675-0000

APR 17 '95 11:22 GRE°

Phone 913-483-2627, Russell, KS
Phone 316-793-8861, Great Bend, KS

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

Phone 316-800-4400, Hays, KS
Phone 913-700-9888, Hays, KS

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

7790 ORIGINAL

New Bid

Date	2-17-95	Sec.	23	fwp.	16 s	Range	18 W	Called Out	7:00PM	On Location	9:20PM	Job Start	12:00am	Finish	12:45am	
Lease	GRAHAM	Well No.	#1	Location				LIEBARTHAL 1S 2E	Country	RUSH	State	KANSAS				

Contractor	DUKE DRUG, RIG #4		
Type Job	PRODUCTION STRING		
Hole Size	7 7/8	T.D.	3620'
Csg	4 1/2 #10.52	Depth	3618'
Tbg. Size		Depth	
Drill Pipe	(BAKER)	Depth	
Tool	AFU INSERT	Depth	3597'
Cement Left in Csg	22 85	Shoe Joint	22 85
Press Max.		Minimum	
Meas Line	✓	Displace	✓ 58 BBL
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 INC.		
Street	P.O. Box 458		
City	Hays	State	Kan 67601
The above was done to satisfaction and supervision of owner agent or contractor.			

EQUIPMENT

Pumptrk #177	No.	Cementer	<i>[Signature]</i>
		Helper	<i>[Signature]</i>
Pumptrk #213	No.	Cementer	
		Helper	
Bulktrk #213		Driver	<i>[Signature]</i>
Bulktrk		Driver	

Purchase Order No.	X		
Amount Ordered	500 GAL WFR	CEMENT	
Consisting of	200 SK Com 10% SALT 52 GILSON		
Common	200	5.75	1150.00
Foz. Mix			
Gel.			
Chloride	GIL 940 th	.39	366.60
Caustic	SALT 20	525	105.00
WFR 2	500 gal	1.00	500.00
Sales Tax			

DEPTH of Job	Reference:	
	PUMP TRUCK CHRG	980.00
	2.25 PER MILE 18m	40.50
	1-4 1/2 RUBBER WIPER PLUG	45.00
	Sub Total	1065.50
	Tax	
	Total	

Handling	1.00	200.00
Mileage	18m	144.00
STATE CORPORATION COMMISSION	04	
APR 18 1995	Sub Total	2465.60
CONSERVATION COMMISSION	WICHTER	Total

Remarks:

FLOAT HELD

15 SK Cement @ RATHOLE

Floating Equipment	4 1/2 CSG	
	1- GUIDE SHOE	\$ 125.00
	1- BAKER AFU INSERT	189.00
	3- CENTRALIZERS	168.00
		\$ 482.00