

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: None

Operator Contact Person: Ed Glassman

Phone (913) 625-6374

Contractor: Name: Discovery Drilling

License: 31548

Wellsite Geologist: Ed Glassman

Designate Type of Completion

New Well Re-Entry Workover

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

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

06-04-97 06-11-97 06-12-97
Spud Date Date Reached TD Completion Date

API NO. 15- 047-214210000

County Edwards

C - NE - NE Sec. 1 Twp. 24S Rge. 17 X E W

660' Feet from (N) (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 Henning Well # 3

Field Name Carpenter

Producing Formation None

Elevation: Ground 2082 KB 2090

Total Depth 4400' PBTB _____

Amount of Surface Pipe Set and Cemented at 293 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 D&A 07 10-2-97
(Data must be collected from the Reserve Pit)

Chloride content 7000 ppm Fluid volume 300 bbls

Dewatering method used Hauled offsite to SWD

Location of fluid disposal if hauled offsite:

Operator Name Gee Oil Services

Lease Name Hyter License No. 3546

NE Quarter Sec. 12 Twp. 24 S Rng. 15 (E)W

County Stafford Docket No. D19913

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Ed Glassman

Title Geologist Date 06-16-97

Subscribed and sworn to before me this 16 day of June, 19 97.

Notary Public Linda K Pfannenstiel

Date Commission Expires 2/15/2000

6-22-97

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

LINDA K. PFANNENSTIEL
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 2/15/2000

SIDE TWO

Operator Name AFG Energy Inc. Lease Name Henning Well # 3

Sec. 1 Twp. 24S Rge. 17S East County Edwards 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 Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: Comp.-Density Neutron Dual INDUCTION	<input checked="" type="checkbox"/> Log	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Formation (Top), Depth and Datums</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td style="text-align: center;">1097</td> <td style="text-align: center;">+993</td> </tr> <tr> <td>Base Anhydrite</td> <td style="text-align: center;">1117</td> <td style="text-align: center;">+973</td> </tr> <tr> <td>Topeka</td> <td style="text-align: center;">3296</td> <td style="text-align: center;">-1206</td> </tr> <tr> <td>Heebner</td> <td style="text-align: center;">3698</td> <td style="text-align: center;">-1608</td> </tr> <tr> <td>Toronto</td> <td style="text-align: center;">3720</td> <td style="text-align: center;">-1630</td> </tr> <tr> <td>Douglas</td> <td style="text-align: center;">3740</td> <td style="text-align: center;">-1650</td> </tr> <tr> <td>Lansing</td> <td style="text-align: center;">3738</td> <td style="text-align: center;">-1748</td> </tr> <tr> <td>Base Kansas City</td> <td style="text-align: center;">4123</td> <td style="text-align: center;">-2033</td> </tr> <tr> <td>Viola</td> <td style="text-align: center;">4354</td> <td style="text-align: center;">-2264</td> </tr> </tbody> </table>	Formation (Top), Depth and Datums	Top	Datum	Anhydrite	1097	+993	Base Anhydrite	1117	+973	Topeka	3296	-1206	Heebner	3698	-1608	Toronto	3720	-1630	Douglas	3740	-1650	Lansing	3738	-1748	Base Kansas City	4123	-2033	Viola	4354	-2264
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CASING RECORD <input type="checkbox"/> New <input checked="" 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	12.25"	8.625"	#28	293'	60/40Poz	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 <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method				
D&A	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil $\frac{N/A}{}$ Bbls.	Gas $\frac{N/A}{}$ Mcf	Water $\frac{N/A}{}$ Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____
Production Interval _____	

ORIGINAL

AFG Energy Inc.
P.O. Box 458
Hays, KS 67601

15-047-21421-0000

RE:Henning #3 NE NE 1-24S-17W; Edwards Co., KS
Drill Stem Test Report

DST #1 Interval: 4259 to 4370
Times: 30-45-60-45
Recovery: 200' SGCM
 500' HGCMW
 430' SW
SIP: 1162-1087
FP: 245-468

RECEIVED
KANSAS CORP COMM
1997 JUN 20 1:08

ORIGINAL

15-047-21421-0000

Phone 913-463-2627, 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.

7183

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
6-11-97	1	24	17	4:30 PM	6:20 PM	7:45 PM	10:00 PM
Lease <i>Hemming</i>	Well No. <i>3</i>	Location <i>Lamed south to C.L. 2 1/2 mi S</i>			County <i>Edwards</i>	State <i>Ks.</i>	

Contractor <i>Discovery Drilling Rig #1</i>	
Type Job <i>Rotary Plug</i>	
Hole Size <i>7 7/8</i>	T.D. <i>4400'</i>
Csg. <i>8 5/8</i>	Depth <i>303'</i>
Tbg. Size	Depth
Drill Pipe <i>4 1/2 XH</i>	Depth <i>1110'</i>
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</i>
Street	<i>P.O. BOX 458</i>
City	<i>Hays</i> State <i>Kansas</i> <i>67601</i>
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	<i>Thomas AL</i>
X	

EQUIPMENT

<i>A.B.</i>	
No.	Cementer
Pumptrk # <i>120</i>	Helper
No.	Cementer
Pumptrk	Helper <i>J.P. Drilling Duane Smith</i>
	Driver <i>Kevin Rose</i>
#	Driver
Bulktrk <i>341</i>	
Bulktrk	

CEMENT

Amount Ordered	<i>135 ox 60/40 6% gel 1/4# flo seal</i>	
Consisting of		
Common	<i>81</i>	<i>6.10 494.10</i>
Poz. Mix	<i>54</i>	<i>3.15 170.10</i>
Gel.	<i>7</i>	<i>9.50 66.50</i>
Chloride		
Quickset		
	<i>Flo Seal 34 #</i>	<i>1.15 39.10</i>
Handling	<i>135 ox</i>	<i>1.05 141.75</i>
Mileage	<i>36 x .04</i>	<i>194.40</i>
		<i># 1105.95</i>
Total		

DEPTH of Job	<i>1110'</i>
Reference:	
	<i>Pump truck charge 445.00</i>
<i>36</i>	<i>Mileage @ 2.85 102.60</i>
<i>1-</i>	<i>8 5/8 wooden plug 23.00</i>
	<i>Total \$570.60</i>

Remarks:	
<i>1st</i>	<i>1110 W / 50 ox</i>
<i>2nd</i>	<i>330 W / 50 ox</i>
<i>3rd</i>	<i>40 W / 10 ox</i>
<i>4th</i>	<i>10 ox in mouse hole</i>
	<i>15 ox in Ratchel</i>

Floating Equipment	
TOTAL	<i>\$ 1676.55</i>
Disc	<i>251.49</i>
	<i>\$ 1425.06</i>

Thank You.

1997 JUN 26 RECEIVED

ALLIED CEMENTING CO., INC.

15.047-21421-0000

5576

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Great Bend

DATE <u>06-04-97</u>	SEC. <u>1</u>	TWP. <u>24s</u>	RANGE <u>17w</u>	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>9:30 AM</u>	JOB START	JOB FINISH <u>12:00 PM</u>
LEASE <u>Hewitts</u>	WELL # <u>3</u>	LOCATION <u>LARSEN S to Preece Edwards line</u>			COUNTY <u>EDWARDS</u>	STATE <u>Ks</u>	
OLD OR (NEW) (Circle one) <u>NEW</u>							

CONTRACTOR DISCOVERY DRG RIG #9

TYPE OF JOB SURFACE CASING

HOLE SIZE 12 1/4" T.D. 306

CASING SIZE 8 5/8" DEPTH 303'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 250 MINIMUM 150

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 20'

PERFS. Displaced 17 1/2 BSS

OWNER AFG ENERGY INC

CEMENT

AMOUNT ORDERED 200 W/L 60/40 BZ 3% GEL

COMMON	<u>120</u>	@	<u>6.10</u>	<u>732.00</u>
POZMIX	<u>80</u>	@	<u>3.15</u>	<u>252.00</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>6</u>	@	<u>28.00</u>	<u>168.00</u>
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
HANDLING	<u>200</u>	@	<u>1.05</u>	<u>210.00</u>
MILEAGE	<u>36</u>			<u>288.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER BUD B

120 HELPER DADE S.

BULK TRUCK

341 DRIVER RICK W

BULK TRUCK

_____ DRIVER _____

TOTAL \$11678.50

REMARKS:

SERVICE

RUN 3038' 8 5/8" CSG PROBE (CALCULATION)

MIXED 200 W/L 60/40 BZ 3% GEL

2% GEL DISPLACED - RUN 175 BSS

CEMENT DID CURULATE

THANKS / ALLIED

DEPTH OF JOB	<u>303'</u>			
PUMP TRUCK CHARGE				<u>445.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>36</u>	@	<u>2.85</u>	<u>102.60</u>
PLUG	<u>1 Top Wooden</u>	@	<u>45.00</u>	<u>45.00</u>
_____	_____	@	_____	_____
_____	_____	@	_____	_____

TOTAL \$592.60

CHARGE TO: AFG ENERGY INC.

STREET PO Box 458

CITY HAYS STATE Ks ZIP 67601

FLOAT EQUIPMENT

_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____

TOTAL _____

TAX - 0 -

TOTAL CHARGE \$2271.10

DISCOUNT \$340.67 IF PAID IN 30 DAYS

Net \$1930.43

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Thomas AL