

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

Operator: License # 3456

Name: AFG Energy Inc.

Address P.O. Box 458

City/State/Zip Hays, Kansas 67601

Purchaser: _____

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 SMD SOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSU, 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 (SMD or Inj?) Docket No. _____

04-28-95 05-05-95 05-05-95
Spud Date Date Reached TD Completion Date

API NO. 15- 165-21678 0000

County Rush County, Kansas

SE - SE - NE - Sec. 23 Twp. 16S Rge. 18 XX ^E

2310 Feet from S/N (circle one) Line of Section

330 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 Shaffer Well # 1

Field Name Liebenthal

Producing Formation _____

Elevation: Ground 2041 KB 2050

Total Depth 3675' PBDT _____

Amount of Surface Pipe Set and Cemented at 1175 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 cat.

Drilling Fluid Management Plan N & A 5-13-96
(Date must be collected from the Reserve Pit) Le

Chloride content 20,000 ppm Fluid volume 1200 bbls

Dewatering method used Evaporation

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 W. Piesher

Title Production Manager Date 5/26/95

Subscribed and sworn to before me this 26th day of May 19 95.

Notary Public Linda K. Fannestiel

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

Date Commission Expires 1/5/96
LINDA K. FANNESTIEL
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 2/15/96

STATE CORPORATION COMMISSION
RECEIVED
MAY 31 1995
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS

SIDE TWO

Operator Name AFG Energy Inc. Lease Name Shaffer Well # 1
 Sec. 23 Twp. 16S Rge. 18 East West
 County Rush County, Kansas

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhy	1162	(+888)
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3038	(-988)
List All E.Logs Run:		Heebner	3278	(-1228)
Neutron / Density Dual Induction		L-KC	3325	(-1275)
		Sand	3609	(-1559)
		GW	3618	(-1568)
		Arb-	3627	(-1577)

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 1/4	8-5/8"	28#	1175'	60/40 Poz	375	3%cc 2%gel

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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

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

Production Interval _____

ORIGINAL

-Schaffer #1 -

API# 15-165-21678-0000

DST #1	3020' - 3045'	15-30-50-45
	1st opn. - Strong blow.	
	2nd opn. - Strong blow.	
	Rec. - 870' GIP - 30' Gassy Mud.	
	FP - 30 - 30	
	SIP - 690 - 730	
DST #2	3309' - 3358'	45-45-45-45
	Strong blow both opns.	
	Rec. - 900' GIP - 45' Gassy Mud	
	FP - 44 - 52	
	SIP - 804 - 789	
DST #3	3361' - 3450'	15-30-45-30
	Wk. blow both opns.	
	Rec. - 40' GIP - 50' Wtry. Mud	
	FP - 89 - 56	
	SIP - 797 - 430	
DST #4	3546' - 3621'	
	Strong blow both opns. - GTS in 8 minutes.	
	Gauged 110 MCF	
	Rec. - 2000' Gassy Muddy Wtr.	
	FP - 978 - 1130	
	SIP - 1130 - 1137	

RECEIVED
STATE CORPORATION COMMISSION
MAY 31 1995
CONSERVATION DIVISION
MICHIGAN

ALLIED CEMENTING CO., INC. 3212

ORIGINAL

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

SERVICE POINT:
HAYS

DATE <u>5-5-95</u>	SEC. <u>23</u>	TWP. <u>16S</u>	RANGE <u>18W</u>	CALLED OUT <u>3:00PM</u>	ON LOCATION <u>4:20 PM</u>	JOB START <u>4:30 PM</u>	JOB FINISH <u>8:30AM</u>
LEASE <u>SCHAFFER</u>		WELL# <u>1</u>	LOCATION <u>HIEBENTHAL 2 1/2 E 2S W.S.</u>		COUNTY <u>RUSH</u>	STATE <u>KANSAS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR DUKE DRLG. R. # 4

TYPE OF JOB ROTARY PLUG

HOLE SIZE 7 7/8 T.D. 3675'

CASING SIZE 8 5/8 SURFACE DEPTH 1175'

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 X-N DEPTH 3640'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER _____

CEMENT

AMOUNT ORDERED 165 60 per 69.66L

1/4" F10-Seal Per SK

COMMON	<u>99</u>	@	<u>6.10</u>	<u>603.90</u>
POZMIX	<u>66</u>	@	<u>3.15</u>	<u>207.90</u>
GEL	<u>9</u>	@	<u>9.50</u>	<u>85.50</u>
CHLORIDE		@		
<u>F10 Seal</u>	<u>41</u>	@	<u>1.15</u>	<u>47.15</u>
		@		
		@		
		@		
		@		
HANDLING		@	<u>105</u>	<u>173.25</u>
MILEAGE	<u>19m</u>		<u>04</u>	<u>125.40</u>
TOTAL				<u>1243.10</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Will</u>
# <u>177</u>	HELPER <u>Will</u>
BULK TRUCK	
# <u>160</u>	DRIVER <u>Paul</u>
BULK TRUCK	
# _____	DRIVER _____

REMARKS:

40 SK @ 3640'

50 SK @ 1200'

50 SK @ 600'

10 SK @ 40' Plug

15 SK @ Rat Hole

Shank

SERVICE

DEPTH OF JOB	<u>3640'</u>			
PUMP TRUCK CHARGE			<u>550.00</u>	
EXTRA FOOTAGE		@		
MILEAGE	<u>19m</u>	@	<u>235</u> <u>44.65</u>	
PLUG WIPER PLUG		@	<u>21.00</u>	
		@		
		@		
TOTAL				<u>615.65</u>

CHARGE TO: AFG ENERGY INC.

STREET P.O. Box 458

CITY Hays STATE Kan ZIP 67601

FLOAT EQUIPMENT

_____	@	_____	
_____	@	_____	
_____	@	_____	
_____	@	_____	
_____	@	_____	
TOTAL			_____

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 Rich Whelan

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS