

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

API NO. 15- 195-22177-00-00 ORIGINAL

Operator: License # 3456

Name: AFG Energy Inc.

Address P.O. Box 458

City/State/Zip Hays, KS 67601

Purchaser: NCRA

Operator Contact Person: Terry Piesker

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 PBSD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

6-18-96 6-27-96 6-28-96
Spud Date Date Reached TD Completion Date

County Trego

150'-NE - SW - SW Sec. 34 Twp. 12S Rge. 21 XX W

1140' Feet from SN (circle one) Line of Section

4290' Feet from EW (circle one) Line of Section

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

Lease Name Schoenthaler Well # 3

Field Name Ridgeway South

Producing Formation Arbuckle

Elevation: Ground 2216 KB 2224

Total Depth RTD 3920' PBSD _____

Amount of Surface Pipe Set and Cemented at 261.51 Feet

Multiple Stage Cementing Collar Used? XX Yes _____ No

If yes, show depth set 1591' Feet

If Alternate II completion, cement circulated from 1591

feet depth to 000' w/ 350 sx cmt.

Drilling Fluid Management Plan ALT 2 JH 7-18-97
(Data must be collected from the Reserve Pit)

Chloride content 27,000 ppm Fluid volume 3000 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. _____

Rec'd
09-09-1996

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 Edgar J. Glassman

Title Geologist Date 9-3-96

Subscribed and sworn to before me this 6th day of Sept- 19 96.

Notary Public Linda K Pfannenstiel

Date Commission Expires 2/5/2000

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

LINDA K. PFANNENSTIEL
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 2/5/2000

SIDE TWO

Operator Name AFG Energy Inc Lease Name Schoenthaler Well # 3

Sec. 34 Twp. 12S Rge. 21 East West
 County Trego

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 Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:
 Density-Neutron, Dual Induction,
 Correlation Bond, Radiation Guard, Micro-electric

Log **Formation (Top), Depth and Datums** Sample

Name	Top	Datum
Anhydrite	1588	+636
Base Anhydrite	1633	+591
Topeka	3242	-1018
Heebner	3469	-1245
Lansing	3503	-1279
Base Kansas City	3742	-1518
Marmaton	3810	-1586
Arbuckle	3868	-1644

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 Pipe	12.25	8.625	#28	261.51	60/40 POZ	155	2%gel & 3%CC
Production	7.875	5.5	#14	3919	Common	175	10% salt
				Top Stage	60/40 Poz	350	5% Gillsonite

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 SPF	3878 to 3883	None	

TUBING RECORD Size 2.875 Set At 3917' Packer At None Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 7-15-96 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	25		100	NA	NA

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.) Other (Specify) _____

ORIGINAL

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

15-195-22177-00-00

RE:Schoenthaler #12
Drill Stem Test Report

DST #1 Interval: 3478 to 3570
Times: 15-30-45-30
Recovery: 60'GIP; 90'SOCM; 120'Drlg mud w/trc oil
SIP:808-764
FP: 66-122

DST #2 Interval: 3575 to 3605
Times: 15-30-45-30
Recovery: 2' CO; 58'WM; 240'MW
SIP: 676-632
FP: 66-144

DST #3 Interval: 3623 to 3690
Times: 15-30-15-30
Recovery: 5' Drlg mud
SIP: 885-530
FP: 44-44

DST #4 Interval: 3798 to 3830
Times: 30-45-30-45
Recovery: 2' Oil; 118' OCM
SIP: 1140-1120
FP: 62-93

DST #5 Interval: 3851 to 3873
Times: 30-15-40-0
Recovery: 1' CO; 5'OCM
SIP: 899-0
FP: 31-52

DST #6 Interval:3851 to 3884
Times: 30-45-30-45
Recovery: 120'CO; 120'Gsy MCO; 250'Gsy OCM
SIP: 1190-1190
FP: 104-218

RECEIVED
MAY 19 1995
MAY 19 1995
MAY 19 1995

ALLIED CEMENTING CO., INC.

6685

ORIGINAL

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

JUN 21 1996

SERVICE POINT: Russell

15-195-22177-00-00

DATE <u>6/18/96</u>	SEC <u>34</u>	TWP. <u>12</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION <u>5:30 p.m.</u>	JOB START	JOB FINISH <u>10:15 PM</u>
LEASE <u>Schoenthaler</u>	WELL # <u>3</u>	LOCATION <u>Rigg Exit 1/2 E into</u>	COUNTY <u>TRIGO</u>	STATE <u>Ks.</u>			

OLD OR NEW (Circle one) NEW

CONTRACTOR Discovery Drilling

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 261'

CASING SIZE 8 5/8" DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

OWNER _____

CEMENT

AMOUNT ORDERED 15.5 100/40

2% C-1

3% C-2

COMMON	<u>73</u>	@	<u>610</u>	<u>567.30</u>
POZMIX	<u>62</u>	@	<u>315</u>	<u>195.30</u>
GEL	<u>3</u>	@	<u>950</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@	<u>28.00</u>	<u>140.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING		@	<u>105</u>	<u>162.75</u>
MILEAGE <u>21m</u>			<u>04</u>	<u>130.20</u>

EQUIPMENT

PUMP TRUCK CEMENTER Bill L.

177 HELPER Paul

BULK TRUCK

155 DRIVER Jason

BULK TRUCK

DRIVER

TOTAL 1224.05

REMARKS:

Mixed 155 sks.

Cement

Cement did Circ.

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 445.00

EXTRA FOOTAGE @ _____

MILEAGE 21 @ 285 59.85

PLUG 1-8 5/8 Warden @ 5 45.00

@ _____

@ _____

TOTAL 549.85

CHARGE TO: AFC Energy

STREET P.O. Box 458

CITY Hays STATE Kan ZIP 67601

FLOAT EQUIPMENT

@ _____

@ _____

@ _____

@ _____

@ _____

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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 Ah

TELEPHONE

AREA CODE 913 483-2627
AREA CODE 913 483-3887

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

15-195-22177-00-00

TO: AFG Energy

INVOICE NO. 72758

P. O. Box 458

PURCHASE ORDER NO. _____

Hays, Kansas 67601

JUL - 2 1996

LEASE NAME Schoentbaier #3

8 5/8 SURFACE PIPE

DATE June 20, 1996

SERVICE AND MATERIALS AS FOLLOWS:

Common 175 sks. @ \$6/15	\$ 1,067.50	
WFR 500 @ \$1.00	500.00	
Salt 17 sks. @ \$7.00	119.00	
Brlsonite 833@ @ \$0.41	<u>337.02</u>	\$ 2,023.52
Handling 175 sks @ \$1.05	183.75	
Mileage (22) @ \$0.04c per s per mi	154.00	
D V Tool bpttom	1,030.00	
Mi @ \$2.85 pmp.trk..	<u>62.70</u>	1,430.45
1 5/8" AFU	263.00	
4 cent.	<u>224.00</u>	487.00
		<u>3,940.97</u>
	Total	\$ 3,940.97

If Account CURRENT a
Discount of \$ 591.14
will be Allowed ONLY if
Paid Within 30 Days from
Date of Invoice.

AFE 96-23

Thank You!

July/Aug 3, 34983

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.

1993 JUN - 9 A 10 30

TELEPHONE
AREA CODE 913 483-2627
AREA CODE 913 483-3887

11300
ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

1 of 4 copies

15-195-22177-00-00

ORIGINAL

TO: AEG Energy

INVOICE NO. 72759

P. O. Box 458

JUL - 2 1996

PURCHASE ORDER NO. _____

Hays, Kansas 67601

LEASE NAME Schoenbaler #3

5/2 Production

DATE June 28, 1996

SERVICE AND MATERIALS AS FOLLOWS:

Common 198 sks @\$6.10	\$ 1,207.80	
Po mix 132 sks. @\$3.15	415.80	
Gel 17 sks. @\$9.50	161.50	
Floseal 83 sks. @\$1.15	95.45	\$ 1,880.55
Handling 350 sk @\$1.05	367.50	
Mileage	308.00	
DV Tool top	550.00	1,225.50
Total		\$ 3,106.05

If Account CURRENT a
Discount of \$ 465.90
will be Allowed ONLY if
Paid Within 30 Days from
Date of Invoice.

Thank You!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.

AEG 96-23

2640.15

1996 JUN 28 10 03 AM

15-195-22177-00-00

JUL 18 '97 10:37 GRE

P.1

ALLIED CEMENTING CO., INC. 6838

ORIGINAL

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

SERVICE POINT: R

DATE <u>6-20-96</u>	SEC <u>34</u>	TWP <u>12c</u>	RANGE <u>21w</u>	CALLED OUT <u>7:00 pm</u>	ON LOCATION <u>8:30 pm</u>	JOB START <u>12:30pm</u>	JOB FINISH
LEASE <u>Shawnee</u> (WELL # <u>3</u>)				LOCATION <u>2 1/2 mi</u>		COUNTY <u>rego</u>	STATE <u>ks</u>
OLD OR NEW (Circle one)							

CONTRACTOR D. ... OWNER _____ CEMENT _____

TYPE OF JOB D-V

HOLE SIZE 7 1/8 T.D. 3920

CASING SIZE 5 1/2 DEPTH 3922

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL D-V (Agrow) DEPTH 1590

PRES. MAX _____ MINIMUM _____

MEAS. LINE SHOE JOINT 18.67

CEMENT LEFT IN CSG. _____

PERFS. _____

AMOUNT ORDERED 175 core 10% 5% gel
500 gal mud flush

COMMON	<u>175</u>	@ <u>610</u>	<u>106750</u>
POZMIX		@	
GEL		@	
CHLORIDE		@	
<u>WSP-2</u>	<u>1500</u>	@ <u>1.20</u>	<u>1800</u>
<u>Salt</u>	<u>17</u>	@ <u>7.00</u>	<u>119</u>
<u>Urethane</u>	<u>822</u>	@ <u>41</u>	<u>33702</u>
		@	
		@	
HANDLING		@ <u>1.05</u>	<u>123</u>
MILEAGE <u>26 / 12 / 12</u>		@	<u>154</u>
TOTAL			<u>2361</u>

EQUIPMENT

PUMP TRUCK # 153 CEMENTER Mark HELPER Bill

BULK TRUCK # 282 DRIVER Brent

BULK TRUCK # 146 DRIVER Dean

REMARKS:

Flow odd

SERVICE

DEPTH OF JOB			<u>1030</u>
PUMP TRUCK CHARGE			
EXTRA FOOTAGE		@	
MILEAGE <u>22</u>		@ <u>285</u>	<u>6270</u>
PLUG		@	
		@	
TOTAL			<u>1092</u>

CHARGE TO: AFG Energy

STREET Box 458

CITY Hayden STATE Kansas ZIP 67601

FLOAT EQUIPMENT

<u>1- 5 1/2 insert</u>	@	<u>263</u>
<u>4- 5 1/2 Conduits</u>	@ <u>56.00</u>	<u>224</u>
	@	
	@	
TOTAL		<u>487</u>

Post-It® Fax Note	7671	Date	<u>7-18-97</u>	# of pages	<u>2</u>
To	<u>Jim Hemmen</u>	From	<u>Terry Piestro</u>		
Co./Dept.	<u>REC</u>	Co.	<u>AFG Energy</u>		
Phone #		Phone #	<u>913-625-6374</u>		
Fax #	<u>316-337-6211</u>	Fax #	<u>913-625-6241</u>		

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 Terry W. Piestro

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

JUL 18 '97 10:39 GRE*

P.2

ORIGINAL ALLIED CEMENTING CO., INC. 3839

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

SERVICE POINT: R

DATE <u>7-28-96</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Chas. Howell # 3</u>			LOCATION <u>Ridge 1/2 W</u>			COUNTY <u>rego</u>	STATE <u>ks</u>
OLD OR <input checked="" type="radio"/> (Circle one)							

CONTRACTOR <u>Ducan</u>
TYPE OF JOB <u>Dev (stop)</u>
HOLE SIZE _____ T.D. _____
CASING SIZE <u>5 1/2</u> DEPTH _____
TUBING SIZE _____ DEPTH _____
DRILL PIPE _____ DEPTH _____
TOOL _____ DEPTH _____
PRES. MAX _____ MINIMUM _____
MEAS. LINE _____ SHOE JOINT _____
CEMENT LEFT IN CSG. _____
PERFS. _____

OWNER <u>Same</u>
CEMENT
AMOUNT ORDERED <u>350 60% 10 6% gel</u>
<u>10 lb. 10 seal</u>
<u>used 330</u>

COMMON	<u>198</u>	@	<u>6.10</u>	<u>1227.80</u>
POZMIX	<u>132</u>	@	<u>3.15</u>	<u>415.80</u>
GEL	<u>17</u>	@	<u>9.50</u>	<u>161.50</u>
CHLORIDE	<u>83</u>	@	<u>1.15</u>	<u>95.45</u>
HANDLING		@	<u>1.05</u>	<u>367.80</u>
MILEAGE <u>42 / 52 / 110</u>				<u>308.40</u>
TOTAL				<u>2556.95</u>

EQUIPMENT

PUMP TRUCK # <u>153</u> CEMENTER <u>Walt</u> HELPER <u>Bill</u>
BULK TRUCK # <u>146</u> DRIVER <u>Dan</u>
BULK TRUCK # <u>282</u> DRIVER <u>Burt</u>

REMARKS:

Cement Circulated

SERVICE

DEPTH OF JOB _____
PUMP TRUCK CHARGE _____ <u>550.00</u>
EXTRA FOOTAGE _____ @ _____
MILEAGE _____ @ _____
PLUG _____ @ _____
TOTAL <u>550.00</u>

CHARGE TO: A. G. Energy
STREET Box 458
CITY Hay STATE Kansas ZIP 67601

FLOAT EQUIPMENT

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

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

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 Terry W. Risher