

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

ORIGINAL

API NO. 15- 065-22,651-0000

Operator: License # 3456

Name: AFG Energy, Inc.

Address P.O. Box 605

City/State/Zip Russell, KS 67665

Purchaser: _____

Operator Contact Person: Terry Piesker

Phone (913) 483-6213

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Steve Parker

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD 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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

10-22-91 10-27-91 11-20-91
Spud Date Date Reached TD Completion Date

County Graham
75' East of
NW - SE - NE - Sec. 4 Twp. 10 Rge. 21 E

3630 Feet from N Line of Section

915 Feet from W Line of Section

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

Lease Name DeYoung Well # 3

Field Name Cooper

Producing Formation Arbuckle SWD

Elevation: Ground 2269 KB 2274

Total Depth 4007' PBTB 3991

Amount of Surface Pipe Set and Cemented at 216 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1765 Feet

If Alternate II completion, cement circulated from 1765

feet depth to Surface w/ 400 sx cmt.

Drilling Fluid Management Plan 12-19-91
(Data must be collected from the Reserve Pit)

Chloride content 40 ppm Fluid volume 120 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name AFG Energy, Inc.

Lease Name DeYoung License No. 3456

NE Quarter Sec. 4 Twp. 10 S Rng. 21 W

County Graham 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 General Manager Date 11-26-91

Subscribed and sworn to before me this 26th day of November 19 91.

Notary Public Pamela K. Steckel STATE COMMISSIONER

Date Commission Expires 11-19-92

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received In UIC

C Geologist Report Received

RECEIVED Distribution

STATE CORPORATION COMMISSION

KGS Plug NGPA Other (Specify)

12-5-91

DECEMBER 5 1991

PAMELA K. STECKEL
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 11-19-92

CONSERVATION DIVISION
WICHITA, KANSAS
ACO-1 (7-91)

Operator Name AFG Energy, Inc. Lease Name DeYoung Well # 3

Sec. 4 Twp. 10 Rge. 21 East West
County Graham

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 type="checkbox"/> Yes <input checked="" 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	Anhydrite	1734	(+540)
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Top	3273	(-999)
List All E.Logs Run:		Heebner	3485	(-1211)
		Toronto	3510	(-1236)
		L-KC	3526	(-1252)
		BLKC	3745	(-1471)
		Arbuckle	3847	(-1573)

Radiation Guard
Gamma Ray/Neutron.

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#	216'	60/40 poz	140	2% gel, 3% cc
Production	7-7/8"	5 1/2"	14#	4003'	common	150	10% salt
DV Tool				1765'	60/40 poz	400	6% 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
	4/ft.	3894' to 3898'		500 gal, 15% INS	
4/ft.	3934' to 3949'		500 gal, 15% INS		

TUBING RECORD		Size <u>2-3/8"</u> Set At <u>3870'</u> Packer At <u>3870'</u>		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj. <u>Waiting on Approval</u>		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:	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	<u>3894-98</u>
	<input type="checkbox"/> Other (Specify) _____	<u>3934' to 49</u>

ALLIED CEMENTING CO., INC.
 Home Office P. O. Box 31
 Russell, Kansas 67665

No 2466

New

Date	10-22-91	Sec	4	Twp.	10s	Range	21w	Called Out	3:45PM	On Location	5:30PM	Job Start	6:30PM	Finish	7:00 AM	
Lease	De YOUNG	Well No.	# 3	Location	CHURCH OF GOD 1w 1/4s			County	GRAHAM		State	KANSAS				
Contractor	DUKE DRIG. Rig #1							Owner	Y4W							
Type Job	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.	218'		DUKE DRILLING INC.										
Csg.	8 5/8 28 #		Depth	216'		A F G ENERGY INC.										
Tbg. Size			Depth													
Drill Pipe			Depth													
Tool			Depth													
Cement Left in Csg.	15'		Shoe Joint													
Press Max.			Minimum													
Meas Line	✓		Displace	✓ 13 GBL		Street										
Perf.																

EQUIPMENT

Pumptrk	# 177	Cementer	<i>Allen</i>
	No.	Helper	<i>Will</i>
Pumptrk		Cementer	
		Helper	
Bulktrk	# 213	Driver	<i>Paul</i>
Bulktrk		Driver	

DEPTH of Job

Reference:	Pump Truck Chrg.	
	2.00 PER MILE	
	1-8 5/8 WOODEN PLUG	
		Sub Total
		Tax
		Total

Remarks: Cement Circulated

Amount Ordered	140 SK 6 9/40 29% gel 3% CC
Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
	Sales Tax
Handling	1.00 PER SK
Mileage	.04 PER TON MILE
	Sub Total
	Total

Floating Equipment

[Signature]

3-2627, Russell, Kansas

Phone Plattville 913-91-2812

793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

Date	10-27-91	Sec	4	10°	21°	2:00 P.M.	5:00 P.M.	7:00 P.M.	8:00 P.M.
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Lease	De Joan	Well No.	3	Location	Pakols with NW	County	Grant	State	Ks
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Contractor *De Joan* Rig # *1*

Type Job *Two Stage Production String*

Hole Size *7 7/8"* T.D. *4007'*

Csg. *5 1/2"* Depth *4008'*

Csg. Tool Size *8 3/4"* Depth *216'*

Drill Pipe Depth

Tool *D.V.* Depth *1773'*

Cement Left in Csg. *25'* Shoe Joint *24.63*

Press Max. *1000#* Minimum

Meas Line *X* Displace

Perf.

EQUIPMENT

Pumptrk	No.	Cementer	<i>Gary H. Wayne Mc.</i>
	<i>191</i>	Helper	
Pumptrk	No.	Cementer	<i>Joe S.</i>
		Helper	
Bulktrk	<i>#212</i>	Driver	
		Driver	

DEPTH of Job		
Reference:	<i>#3 Pumptruck bottom stage</i>	<i>980.00</i>
	<i>#13 mileage @ 2.00/mi.</i>	<i>42.00</i>
	Sub Total	<i>1022.00</i>
	Tax	
	Total	

Remarks: *Float Held.*

Owner *AFB Energy Inc.*

To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.

Charge To *AFB Energy Inc.*

Street *P.O. Box 605*

City *Russell* State *Ks 67665*

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

Purchase Order No.

James W. Peeler

CEMENT

Amount Ordered *150 sks com 10% salt*

Consisting of

Common *150 sks @ 51.25/sk.* *787.50*

Poz Mix

Gel

Chloride

Quickset

Salt - 15 sks @ 4.75/sk. *71.25*

Sales Tax

Handling *1.00/sk. (150 sks)* *150.00*

Mileage *604 @ 1/sk. mi. (21 mi.)* *126.00*

Sub Total

1064.75

Total

Flooring Equipment *5%*

1 regular guide wire

1-2nd insert (Mkt. C)

3 center lines with...

...

...

...

ORIGINAL

489-277, Russell, Kansas

Phone Pittsburg 913-342812

7816-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

Date	10-27-71	Sec	1	Wp	10-31	Range	21	Called Out	2:00 P.M.	On Location	2:00 A.M.	Job No.		Finish	2:00 P.M.
Lease	D. V. 400	Well No.	3	Location	Patents SW 15 4SW			County		State					

Contractor	Duke Drilling Rig #1	Owner	Same
Type Job	Start Production String	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	7 1/2"	T.D.	4007'
Csg. Size	5 1/2"	Depth	4008'
Drill Pipe Size	8 1/2"	Depth	216'
Tool Joint	D.V.	Depth	1775'
Cement Left in Csg.	5'	Shoe Joint	
Press Max.	1100#	Minimum	
Meas. Line	Y	Displace	
Perf.			

Charge To	AFG Energy, Inc.
Street	P.O. Box 605
City	Russell, Kansas
The above was done to satisfaction and supervision of owner, agent or contractor.	
Purchase Order No.	
X <i>Sperry W. P...</i>	

EQUIPMENT

No.	Cementor	<i>Gary H.</i>
Pumptrk 191	Helper	<i>Wayne Mc.</i>
No.	Cementor	
Pumptrk	Helper	
Bulktrk #146	Driver	<i>Mark D.</i>
Bulktrk	Driver	

Amount Ordered	315	60% No. for 1/2 gal.
Consisting of		
Common	189 sks @ 5.25/sk	992.25
Poz. Mix	126 sks @ 2.25/sk	283.50
Gel.	11 sks @ 6.75/sk (Used 116.00)	74.25
Chloride		
Quickset		
Handling	1.00/sk (315.00)	315.00
Mileage	2044/sk/mi (21 mi)	264.00
Sub Total		1548.00

DEPTH of Job		
Reference	Pumptruck top stage	475.00
	Mileage	N/A
	Sub Total	475.00
	Tax	0
	Total	475.00

Floating Equipment	11-8-71-1991	Thanks
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Remarks: Plugged out hole w/ 15 sks D.V. tool joints closed