

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

2605 API NO. 15- 163-23,180 21-9-18W

COPY

County Rooks

C -W/2-NW-NW Sec. 21 Twp. 9 Rge. 18 X <sup>E</sup>

4620 Feet from (S)N (circle one) Line of Section  
4950 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 Stahl Well # 5

Field Name Paradise Creek

Producing Formation Arbuckle

Elevation: Ground 2167 KB 2172

Total Depth 3668 PBDT 3603'

Amount of Surface Pipe Set and Cemented at 299 Feet

Multiple Stage Cementing Collar Used? X Yes      No

If yes, show depth set 1529 (Log) Feet

If Alternate II completion, cement circulated from 1529

feet depth to Surface w/ 350 sx cmt.

Drilling Fluid Management Plan 12-9-91  
(Data must be collected from the Reserve Pit)

Chloride content      ppm Fluid volume      bbls

Dewatering method used     

Location of fluid disposal if hauled offsite:     

Operator Name AFG Energy, Inc

Lease Name Stahl License No. 3456

NW Quarter Sec. 21 Twp. 9S S Rng. 18 W

County Rooks Docket No.     

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  S1OW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, MSW, 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 (SWD or Inj?)  Docket No.     

10-8-91 10-13-91 10-25-91  
Spud Date Date Reached TD Completion Date

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

Date Commission Expires 11-19-92

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

STATE CORPORATION COMMISSION

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

Operator Name AFG Energy, Inc.

Lease Name Stahl Well # 5

Sec. 21 Twp. 9 Rge. 18  
 East  
 West

County Rooks

**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:  
 Radiation Guard  
 Cement Bond/Correlation

Log	Formation (Top), Depth and Datum	Sample
Name	Top	Datum
Anhydrite	1488	(+684)
Topeka	3087	(-915)
Heebner	3297	(-1125)
Toronto	3317	(-1145)
L-KC	3338	(-1166)
BLKC	3541	(-1369)
Arbuckle	3576	(-1404)

**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	12 1/4"	8-5/8"	20#	299'	60/40 poz	160	2% gel 3% d
Production	7-7/8"	5 1/2"	14#	3667'	60/40 poz	500	10% salt
DV Tool					60/40 poz	350	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.	3635' to 3637'	Natural	
4/ft.	3608' to 3612'	Natural	
4/ft.	3597' to 3599'	Natural	

**TUBING RECORD** Size 2-7/8" Set At 3590' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SMD or Inj. 10-25-91 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	25		160		26

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 3597' to 3599'