

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

Operator: License # 03456

Name: AFG Energy, Inc.

Address P. O. Box 605

City/State/Zip Russell, KS 67665

Purchaser: _____

Operator Contact Person: Terry W. Piesker

Phone (913) -483-6213

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Steve Parker

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S1OW 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 PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

3/25/92 3/31/92 4/14/92
Spud Date Date Reached TD Completion Date

API NO. 15- 163-23,197-00-00 ORIGINAL

County Rooks

Approx. C E/2 SW- NE- Sec. 27 Twp. 9S Rge. 20 E W

3300 Feet from S (circle one) Line of Section

1750 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 Rathburn Well # 12

Field Name _____

Producing Formation Arbuckle

Elevation: Ground 2279' KB 2284'

Total Depth 3930' PBSD _____

Amount of Surface Pipe Set and Cemented at 282 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1771' Feet

If Alternate II completion, cement circulated from 1771'

feet depth to surface w/ 350 sx cmt.

Drilling Fluid Management Plan ALT 2 12-16-93
(Data must be collected from the Reserve Pit)

Chloride content 38,000 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. Piesker

Title General Manager Date 5-4-92

Subscribed and sworn to before me this 4th day of May, 19 92.

Notary Public Pamela K. Steckel

Date Commission Expires 11-19-92

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

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

RECEIVED DISTRICT COMMISSION

STATE OF KANSAS

SWD/Rep _____ NGPA _____
Other _____ (Specify)

MAY 6 1992

CONSERVATION DIVISION
Kansas
Form ACO-1 (7-91)

Operator Name AFG Energy, Inc. Lease Name Rathburn Well # 12

Sec. 27 Twp. 9S Rge. 20 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input 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	1753	531
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3287	1003
List All E.Logs Run: Guard Log		Heebner	3491	1207
Micro Log		Toronto	3517	1231
		L-KC	3532	1248
		Arbuckle	3832	1548

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"	24#	286	60/40	175	2% Gel 3% CC
Long String	7 7/8	5 1/2"	14#	3927	Common	150	10% Salt 5% Gilsontite

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	3859' to 3861'	Natural	

TUBING RECORD	Size <u>2 7/8"</u>	Set At <u>3875'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	<u>4-15-92</u>	Producing Method	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil <u>15</u> Bbls.	Gas <u>Mcf</u>	Water <u>150</u> Bbls.	Gas-Oil Ratio
				Gravity <u>26</u>

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: 3859'-61'

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

New ORIGINAL

2182

Date	3-31-92	Sec.	27	FWP.	9 ^S	Range	20 ^W	Called Out	2:30 P.M.	On Location	4:30 P.M.	Job Start		Finish	7:10 PM
Lease	Rothbun	Well No.	12	Location	Zurich SW 1/4 N 1/4 W			County	Rooks	State	Ks.				

Contractor	Emphasis Oil Operations Rig #6		
Type Job	Two-Stage Production String		
Hole Size	7 7/8"	T.D.	3930'
Csg.	5 1/2"	Depth	3927'
Csg. Hdg. Size	8 7/8"	Depth	282'
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	35'	Shoe Joint	35.40'
Press Max.		Minimum	
Meas Line	X	Displace	
Perf.			

EQUIPMENT

Pumptrk	No.	Cementer	Gary H. Wayne, Mo.
	191	Helper	
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	#212	Driver	Joe S.
		Driver	

DEPTH of Job

Reference #	#3 Pumptruck-bottom stage	
	#13 mileage @ 2.00/mi.	
		Sub Total
		Tax
		Total

Remarks:

Float Held.

Thanks

Owner Same
 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 AFG 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.
 X Jerry W. Piester

CEMENT

Amount Ordered 150 sks cement 10% salt, 5% gilsonite

Consisting of
 Common
 Poz. Mix
 Gel.
 Chloride
 Quickset

Handling @ 1.00/sk.

Mileage @ 0.44/sk./mi.

Sales Tax	
Sub Total	
Total	

Floating Equipment 5 1/2"

- 1- regular guide shoe
- 1- AFU insert (Model "C")
- 3- cementing baskets
- 4- centralizers
- 1- stage collar

RECEIVED
 STATE CORPORATION COMMISSION

JUN 12 1992

CONSERVATION DIVISION
 Wichita, Kansas

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

2183

Date	3-31-92	Sec.	27	Twp.	9 ^s	Range	20 ^w	Called Out	2:30 P.M.	On Location	4:30 P.M.	Job Start		Finish	8:15 PM	
Lease	Rathbun	Well No.	12	Location	Zurich SW 7/8 N 1/4 W				County	Rooks	State	Ks.				
Contractor	Emphasis Oil Operations Rig #6								Owner	Same						
Type Job	Two-Stage Production String															
Hole Size	7 7/8"		T.D.	3930'												
Csg.	5 1/2"		Depth	3927'												
Csg. Tbg. Size	8 7/8"		Depth	282'												
Drill Pipe			Depth													
Tool	D.V.		Depth	1771'												
Cement Left in Csg.	35'		Shoe Joint	35.40'												
Press Max.			Minimum													
Meas Line	X		Displace													
Perf.																

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 AFG 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.
X *Wayne W. Keenan*

CEMENT

Amount Ordered 350 sks 60/40 202 60/40 gel.

Consisting of

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	

Handling *el. 00/sk.*

Mileage *2044/sk./mi.*

	Sales Tax
	Sub Total
	Total

Floating Equipment *Thanks*

EQUIPMENT

Pumptrk	No.	Cementer	Gary H. Wayne Mc.
	191	Helper	
Pumptrk	No.	Cementer	Lawrence H.
		Helper	
Bulktrk #		Driver	
		Driver	

DEPTH of Job

Reference:	#3 Pumptruck-top stage	
	#13 mileage	N/C.
	Sub Total	
	Tax	
	Total	

Remarks: Plugged rat hole w/15 sks.
Plugged mouse hole w/10 sks.

Cement Did C.r.

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CONSERVATION DIVISION
Wichita, Kansas

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

New ORIGINAL

ALLIED CEMENTING CO., INC.

2177

Home Office P. O. Box 31

Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
3-25-92	27	9 ^s	20 ^w	8:00 P.M.	9:30 P.M.	11:00 P.M.	11:30 P.M.
Lease	Well No.	Location			County	State	
Rathbun	12	Zurich SW 1/4 N 1/4 W			Rooks	Ks	

Contractor	Emphasis Oil Operations Rig #6	
Type Job	Set Surface Pipe	
Hole Size	12 1/4"	T.D. 286'
Csg.	8 3/8"	Depth 282'
Tbg. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.	15'	Shoe Joint
Press Max.		Minimum
Meas Line		Displace X
Perf.		

Owner Same
 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 AFP Energy
 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.
 X *Larry Langford*
CEMENT

Amount Ordered	175 sks @ 1/2 doz 28 gal, 3 P.C.C.	
Consisting of		
Common	105 sks @ 5.25/sk.	551.25
Poz. Mix	70 sks @ 2.25/sk.	157.50
Gel.	3 sks	N/C
Chloride	5 sks @ 21.00/sk.	105.00
Quickset		

EQUIPMENT

No.	Cementer	
Pumptrk 191	Helper	Garry H. Wayne, etc.
No.	Cementer	
Pumptrk	Helper	
	Driver	Joe S.
No.	Driver	
Bulktrk #212	Driver	

Handling	01.09/sk. (175 sks)	175.00
Mileage	0.44/sk./mi. (14 mi.)	98.00
Sub Total		\$ 1086.75
Total		

DEPTH of Job

Reference:	Description	Amount
#1	Pumptruck-surface	380.00
#13	mileage @ 2.02/mi.	14.00
	1- 8 3/8" wooden plug	42.00
	Sub Total	436.00
	Tax	
	Total	

Floating Equipment
Thanks

Remarks: Cement Circulated

RECEIVED
 STATE CORPORATION COMMISSION

JUN 12 1992

CONSERVATION DIVISION
 Wichita, Kansas