## ORIGINAL THINDING

API NO. 15-065-22,599 -000

STATE CORPORATION COMMISSION OF KANSAS

WELL COMPLETION FORM	County Graham :
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	East   <u>E/2 E/2 NE</u> Sec. 4 Twp. <u>10S</u> Rge. <u>21 x</u> West
Operator: License # 3456	4120 / Ft. North from Southeast Corner of Section
Name: AFG Energy, Inc.	### Ft. West from Southeast Corner of Section (NOTE: Locate well in section plat below.)
Address P. O. Box 605	Lease Name DeYoung
City/State/Zip Russell, KS 67665-0605	Field Name
Purchaser: NCRA	Producing Formation Arbuckle
Operator Contact Person: Terry W. Piesker	Elevation: Ground <u>2273</u> KB <u>2278</u>
	Total Depth 3900' PBTD 3860'
Phone ( <u>913</u> ) <u>-483-6213</u>	5280
Contractor: Name: Emphasis Oil Operations	4620
License: 8241	3960 3630
Wellsite Geologist: Steve Parker	3300
Designate Type of Completion	2640
X New Well Re-Entry Workover	1980 N
X Oil SWD Temp. Abd. Gas Inj Delayed Comp. Dry Other (Core, Water Supply, etc.)	1320
Dry Other (Core, Water Supply, etc.)	660
If OMMO: old well info as follows:  Operator:  STATEON	330 11-27-10
Operator:	11-27-90 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
well name:	Willioung of Surface Pipe set and Cemented at
Comp. Date Old Total Depth	Multiple Stage Cementing Collar Used? X Yes No
Drilling Method:  X Mud Rotary Air Rotary Cable	If yes, show depth set Feet
•	If Alternate II completion, cement circulated from 1761'
10/16/90 10/22/90 11-12-90 Spud Date Reached TD Completion Date	feet depth to Surface w/ 350 sx cmt.
INSTRUCTIONS: This form shall be completed in triplicate at Derby Building, Wichita, Kansas 67202, within 120 days 82-3-106 apply. Information on side two of this form will writing and submitted with the form. See rule 82-3-wireline logs and drillers time log shall be attached with	and filed with the Kansas Corporation Commission, 200 Colorado of the spud date of any well. Rule 82-3-130, 82-3-107 and be held confidential for a period of 12 months if requested in 107 for confidentiality in excess of 12 months. One copy of all this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 all temporarily abandoned wells. Any recompletion, workover or
with and the statements herein are complete and correct to t	lgated to regulate the oil and gas industry have been fully complied the best of my knowledge.
Signature Verry W. Presher	K.C.C. OFFICE USE ONLY
Title General Man. Date /	F Letter of Confidentiality Attached C Wireline Log Received
Subscribed and sworn to before me this 26th day of 1990.	C Drillers Timelog Received
Notary Public Samela & Stockel	KCC SWD/RepNGPA   KGS PlugOther
Date Commission Expires //-/9-92	(Specify)
PAMELA K. STECKEL	
NOTARY PUBLIC STATE OF KANSAS My Appt Exp///99_2	Form ACO-1 (7-89)

SIDE TWO

Operator Name <u>AFG</u>	Energy, I	nc.	Lease Name	DeYoung	9	Well # _	2
		East	County	Graham			
Sec. 4 Twp. 10S	Pag 21	X West					
INSTRUCTIONS: Show interval tested, tim hydrostatic pressures if more space is need	e tool open a , bottom hole :	nd closed, flowing a temperature, fluid re	ind shut-in pres	sures, wheth	ner shut-in pre	ssure reac	hed static level.
Drill Stem Tests Take (Attach Additional		X Yes No			Formation Desc	ription	
Samples Sent to Geolo	gical Survey	Yes No			Log 🔀	Sample	
Cores Taken		Yes X No	Name		Тор	Botto	om
Electric Log Run (Submit Copy.)		X Yes No	Anhyd Topek		1740 3265	1780	)
DST #1 - 3664	to 3684	1	Heebn	e r	3474		
15-30-15-30			Toron	to	3501		
IF-10-20 F			L-KC		3516	3737	,
•		FSIP - 53	Arbucl	kle	3840		
DST #2-3809-to			į				
IF-55-144							
ISIP-1145 Rec. 330' 0			1	<del> </del>			
Kec. 550 G	11 210	CO CASING RECORD	X New U	sed			
• .	Report al	ll strings set-conduc	tor, surface, i	ntermediate,	production, et	c.	
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"	23#	207'	60/40Poz	150	3%CC,2%Ge1
Longstring	7 7/8"	5 1/4"	14#	3899'	Common	125	10% Salt
Shots Per Foot	PERFORATION Specify Footag	i RECORD ge of Each Interval P	erforated		Fracture, Shot,		ueeze Record Depth
3 holes	3862'			40 cv	Common Ce	mont	<del>-                                     </del>
4 Holes/ft.		o 3854 '		750 gal			
		*··			. 1270 1111		
		<del></del>					
	<del></del>		······································				
TUBING RECORD	Size 2 7/8"	Set At 3850'	Packer At	Liner Run	☐ <sub>Yes</sub> 🗓	No	
Date of First Produc	tion Producir	ng Method Flowing	X Pumping G	as Lift 🗆 (	Other (Explain)		
Estimated Production Per 24 Hours		Bbls. Gas	Mcf Wate		Gas-Oil		Gravity 32
Disposition of Gas:		ME:	THOO OF COMPLETE	ON		P	roduction Interval
Vented Sold (If vented, sub			Hole Perfo		Dually Completed		
(II vented, Sub	mic ACO-10.)	Other	(Specify)	<del></del>	· · · · · · · · · · · · · · · · · · ·		

15.065-22599.0000 ORIGINAL COMFIDENTIAL.

DEC 1 3 1721

FROM CONFIDENTIAL DeYoung #2 (Completion)

- 10-31-90 Moved double drum from Rathbun #10 to DeYoung #2. Rigged up. Ran 4 7/8" bit on 2 7/8" upset tubing to D.V. Tool at 1753'.
- 11-1-90 Began drilling on D.V. Tool. Drilled out DV tool and ran to TD - 3862'. Cleaned up hole. Pulled tubing and bit. Swabbed down to 2700'. Ran correlation and bond log. Bond log looks bad on bottom 100'. Did not perforate. Left truck on location overnight. Will probably perforate to squeeze.
- 11-2-90 Perforated 3 holes at 3862'. Left 600' of fluid in hole. Swabbed well down dry. Ran 5 1/2" packer on 2 7/8" tubing. Ran swab and was dry. Dumped 1 bbl. 15% INS Acid on bottom. Pulled 2 jts. and set packer at 3785'. Dumped 5 Bbl. acid down tubing. Pressured annulus to 500#. Pressured to 1500#. Would not go. Spotted acid. Broke down - injection rate 2 BPM at 600%. Mixed 40 sxs. common cement. 1st 20 sxs with slickem. Squeezed to 1500#. Got 25 sxs. into formation. Squeeze held good. Washed up. Pulled tubing and packer.
- 11-3-90 & 11-4-90 Shut down.
- Ran 4 7/8" bit on 2 7/8" tubing. Drilled out to 3860'. 11-5-90 Cement was very soft. Swabbed well down to 2500'. Perforated 3852' to 3854'. Ran in with casing swab. Swabbed down dry.
- 11-6-90 Overnight fillup - 300' oil. Swabbed well down. Tried to bail dry. Had about 200' fluid in the hole. Could not dry up. Dumped 2 Bbls. of 15% INS Acid. Followed w/70 bbls. water. Ran in with bailer - fluid at 1000' from surface. Ran bailer off bottom twice. Water with a show of oil. Let set 15 min. - fluid still at 1000'. Ran bailer to bottom. Water with good show of oil. Rigged up to run tubing. Tubing is 26' off bottom and 18' to perforations. Rigged up tubing swab. Fluid 800' down. Swabbed well down to 3000'. Coming off bottom w/swab. No kick. Acid never got to bottom. Slight show of oil. Perfs not open yet.
- 11-7-90 Fluid 3000' from surface. Made 1 pull - 350' oil on top. Loaded hole. Spotted 200 gal, 15% INS acid on bottom. Just tapped the gauge. Treated at 1/4 BPM for first 2.5 Bbls. at 50#. Last 3 1/2 Bbls. at 1/2 BPM at 0#. ISIP -Vacuum. Rigged up tubing swab. Started swabbing on well. Swabbed about 50 Bbls and began to get a good show of oil. 66 bbls back - hooked to tank and test. Swabbing from 3000' - fluid at 1800' to start and 2600' at end. 1 hr - 26 bbls - 25% oil. Well swabbing down. Swabbed down as dry as possible. Put on 15 min. tests - 1st - 1.74 Bb1,

### RELEASED

## DEC 1 3 190 RICHNAL

CONFIDENCE

Page 2
DeYoung #2 (Con't) FROM CONFIDENTIAL

- 11-7-90 (Con't) 29% oil; 1.74 Bbl, 19% oil; 1.45 bbl, 10% oil; 1.45 bbl, 4% oil.
- Overnight fillup 1800' Ran swab and fluid was 2000' from surface Top 1400' all oil. Began swabbing well down Going down steadily to 3200'. Percentage jumping around from 15% to 25%. Loaded hole spotted 500 gal, 15% INS Acid. Treated at 1 1/2 BPM at 200#. ISIP 100#. Vacuum in 10 minutes. Let set 1 hr. and swab load back. Reversed out 18 bbls. of oil up backside when we loaded hole. While pumping head was leaking out muddy brown oil. Fluid was 500' down. Swabbed back 24 Bbls. and acid kicked. Well is swabbing down slowly. Got down to 3400' & 50% Foamy muddy oil let set 15 min. and fluid at 3400'. Total load back approx. 145 Bbls.
- Fillup 2800'; fluid 1100' from surface. Swabbed well down to 3200'. Percentage was changing constantly from 50% to 95%. Put on 15 minute pulls for rest of day. Averaged 4 bbls. every 15 min. Approx. 70% oil oil is starting to clean up some. Started out very muddy last 2 hrs. Fluid increased to 5 Bbls every 15 minutes 50% to 60% oil. Total bbls. swabbed 200.
- 11-10-90 & 11-11-90 Shut down.
- 11-12-90 Fluid was 1200' from surface top 1000' all oil. Swabbed 1 hr 40 bbls percentage changing 20% to 30% and swabbing down slowly fluid at 2400' by end. Pulled tubing. Ran 2 1/2" x 15' MA, SN and 124 jts. 2 7/8" upset tubing. (Approx. 8' off bottom). Ran 2 1/2" x 2" x 12' Flexite Ring insert pump on 20 7/8", 80 3/4", 52 7/8" rods. Tore down and moved off.

.. GINAI

DEC 1 3 1941

#### EMPHASIS OIL OPERATIONS

FROM CONFIDENTIAL

P. O. BOX 506

RUSSELL, KS 67665

#### DRILLERS LOG

OPERATOR: AFG Energy, Inc.

P. O. Box 605

Russell, KS 67665-0605

CONTRACTOR: Emphasis Oil Operations

Box 506

Russell, KS 67665

LEASE: DeYoung

WELL #2

LOCATION: E/2 E/2 NE

Section 4-10S-21

Graham County, Kansas

LOGGERST TOTAL DEPTH: 3902'

ROTARY TOTAL DEPTH: 3900'

COMMENCED: 10/16/90

CASING: 8-5/8" @ 207' w/150 sks cement

5-1/2" @ 3899'' w/125 sks cement

ELEVATION: 2278' K.B.

COMPLETED: 10/22/90

STATUS: Oil Well

#### DEPTHS & FORMATIONS

(All measurements from K.B.)

Dakota Sand	1006'	Toronto	3501'
Cedar Hills	1227'	Lansing-Kansas City	3516'
Anhydrite	1740'	Base Kansas City	3737'
Topeka	3265'	Arbuckle	3890'
Heebner	3474'	R.T.D.	3900'

MOV 2 7 1990

STATE OF KANSAS )

) ss

COUNTY OF RUSSELL)

K. Scott Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

K. Scott Branum

Subscribed and sworn to before me on October 25, 1990.

My commission expires: February 6, 1992.

GLENDA R. TIFFIN NOTARY PUBLIC STATE OF KANSAS MY APPT. EXPIRES 2-6-92

Russell Kansas 861, Great Bend, Kansas

Phone Ness City 913-798-3843

# Phone Ness City 913-798-3843 LENTING CO., INC. Nº 9058

Home Office			
	Range (all 7:30)	ATM THESS ATMS BUTS OF THE	2):30 P.M
	distributed to the work of the second of the	Church July S County 19	KSome
\$P\$《新聞歌歌》   李九二野等 (2011年)   《《古代》	Marian A de a	Owner Same	The state of the s
		To Allied Cementing Co., Inc.	furnish
Type Job. Two Stage Production		cementer and helper to assist owner or contractor to do w	ock as listed-
Hole Size 7 % T.D.	3990	Charge	
Control of the contro	3899	TO AFG ENERGY - MC	
The Size Size Depth	207	Street PO Box 605	
Drill Pipe Depth		City Russell Some 55.  The above was done to satisfaction and supervision of owner	67665
Tool D. V. (Arrow) Depth	1761	Contractor.	
Cement Left in Csg. 38 Shoe Jo	int 38.87	Purchase Order No.	
Press Max 1250 # Minimu	m	x Olonow W. Plenhon	
Meas Line V Displace		CEMENT	
Perf.		Amount 350 5ks 60/12 002 6 % gr	0
EQUIPMENT			
		Consisting of $2/0$ 5/cs $2.5$ , $3.5$ /s/c.	1/102.50
No. Cementer Pumotrk (9) Helper	Colomns Ms	Poz. Mix 140 5ks e 2,25/5k	3/5,00
Pumptrk   G   Helper   No. Cementer		Gel. 12 sks e 6.75/sk. (Used 18sks) (Chloride	
Pumptrk Helper		Quickset	
Driver	Ed K		
Bulktrik Driver		Seles Tax	75000
		Handling e 1. 00/sk. (350 sks)	350, 50
DEPTH of Job	1# .02	Mileage e 03 4 /sk. /mi. (21 m.)	220.
Reference: #3 Pumptivik - tops	tuge 475,00	Sub Total	206900
113 mileage	N/c.		
	b. Total 2/75, 02	170	Verent in a series
		Floating Equipment	
	Total	and the second s	
Remarks	Andosed O		
With the same of t		THE RESERVE OF THE PARTY OF THE	

Phone 913,483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

CHRAHEO

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

Great Bend, Kansas WOTTO OF THE STATE LANGUED

IC. Nº 9316

entiques to assessory attributions Office P. O. Box 31

o Russell, Kanses 67665

	Actions side to stay recomplete. The second second			
Dage Al salda de Control de House de Da de De Louis de Leuis de Louis de Leuis de Le	mort even at it standard the Street of Street			
Lesse Colling and Iswell No. 2) a minimum of Location of the	unigate heronizações estados, e la lacticonite . State			
Contracting and of page of the contraction of build in the contraction of the contraction	constraints and statement of the state of the state of the statement of th			
THE PARTY OF THE PROPERTY OF THE PARTY OF TH	To Aller Cementing Co. Inc.			
Type for the same of the same	Tou are hereby requested to rent cementing equipment and furnish commencer and helper to assist owner or contractor to do work as listed-			
Hole Size in 3 or said white the said to you so T.D. and the said	egyelik hali ja Berk periografi er			
Cag. Depth C	Charge A I			
The Simple designation of the state of the Depth	To AF G			
17 18 12 12 12 13 13 13 13 13 14 14 14 14 14 14 14 14 14 14 14 14 14	Street			
Drill Pipe and accept to yolders to the second of the seco	City's to respect Soute			
Tool Depth	The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. / Shoe Joint	But 02 x T = 19/4/			
Press Max.	Purchase Order No.			
	X TO THE			
Meas Line Displace	CEMENT CINCOLOR			
Perf.	Amount			
EQUIPMENT	Amount 150 690 31 39 60 390 60			
	Consisting of			
No. Cementer	· Common			
Pumptrk 2 Helper	Poz. Mix Gel.			
No. Cementer	Chloride			
Pumptrk Helper	Quickset			
Pulled 146				
Bulktrk Driver	Sales Tax			
Dukita Direc	10			
DEDEL -11-1	Handling I.CC To- 5k			
DEPTH of Job Reference:	Mileage 34 per of smile			
TumpTruck	Sub Total			
The Hondan Plus	· · · · · · · · · · · · · · · · · · ·			
2:00 Der mile	Total			
Sub Total	Floating Equipment			
to the green to Karama and the street of the street and the street of th	A CONTRACT OF THE CONTRACT OF			
ataly the multiserrousise are at any transport or Total	Medical Mary 12 of American Section 1997. And American Section 1997.			
Remarks: an empire and an entry of the ment to an element of the second	to the figure of the control of the			
Comont Did Circ	Construction of the constr			
and the continuent	s in introduction and many and the second and the s			
The was the second of the seco	Think you			

83-2627, Russell, Kansas 316-793-5861, Great Bend, Kansas Phono Plainvillo 913-434-2812 Phone Ness City 913-798-3843

## ALLIED CEMENTING CO., INC

Home Office P. O. Box 31

Russell, Kausas 67665

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and fornish
cementer and helper to assist owner or contractor to do work as listed-Hole Size Charge Csg To The Size Street Drill Pipe Cement Left in Csg Purchase Order No. Press Max. Minimum Meas Line Displace CEMENT Perf. Ordered **EQUIPMENT** Consisting of Common Cementer Poz. Mix Pumpuk 101: Helper Gel. No. Cementer Chloride: Pumpuk Helper Quickset -Driver Bulktrk Bulkuk Driver. Sales Tax DEPTH of Job Mileage Sub Total Floating Equipment