

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

Operator: License # 3456

Name: AFG Energy, Inc.

Address P.O. Box 458

City/State/Zip Hays, Kansas 67601

Purchaser: N/A

Operator Contact Person: Ed Glassman

Phone (913) 625-6374

Contractor: Name: Discovery Drilling, Inc.

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

12/2/95 12/11/95 12/12/95
Spud Date Date Reached TD Completion Date

API NO. 15- 109-20605 0000

County Logan

-S/2 SE - SW Sec. 30 Twp. 11s Rge. 33 X ^E _W

330 Feet from S/N (circle one) Line of Section

1980 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 Hubert "B" Well # 1

Field Name Wildcat

Producing Formation None

Elevation: Ground 3162 KB 3170

Total Depth 4750 PBTD _____

Amount of Surface Pipe Set and Cemented at 399.25 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D&A 294 4-2-96
(Data must be collected from the Reserve Pit)

Chloride content 16,000 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. _____

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 Ed Glassman

Title Geologist Date 1-11-96

Subscribed and sworn to before me this 11th day of Jan 19 96.

Notary Public Linda K Pfannenstiel

Date Commission Expires 2/5/96

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. 2/5/96

Operator Name AFG Energy, Inc Lease Name Huber "B" Well # 1

Sec. 30 Twp. 11s Rge. 33 East West County Logan

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: Dual-Induction,
Compensated Density/Neutron,
Micro Electric,

Name	Top	Datum	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum:	<input type="checkbox"/> Sample
			Anhydrite	2628	-542
B/Anhydrite	2654	-516			
Topeka	3832	-662			
Heebner	4058	-888			
Toronto	4082	-912			
Lansing	4092	-922			
Stark	4336	-1166			
B/KC	4397	-1227			
Ft Scott	4587	-1415			
Johnson	4660	-1490			
	4750	-1580			

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	399.25	60/40Poz	210	2%Gel&3%CC

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj.		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: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: Other (Specify) _____

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

ORIGINAL

NR 8418

15-109-20605-00-00

15-109-20605

Well Name & No. <u>Hubert "B" - #1</u>	Test No. <u>#1</u>	Date <u>12-7-95</u>
Company <u>AFG Energy Inc.</u>	Zone Tested <u>Toronto</u>	
Address <u>P.O. Box 458 Hays, Ks. 67601</u>	Elevation <u>3170</u> KB <u>3164</u> GL	
Co. Rep / Geo. <u>Ed Glassman</u>	Cont. <u>Discovery Drilling Rig #1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>30</u> Twp. <u>11s</u> Rge. <u>33w</u> Co. <u>Logan</u> State <u>Ks.</u>		
No. of Copies <u>normal</u> Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>N</u>	Evaluation (Y, N) <u>N</u>

Interval Tested <u>4069 to 4090</u>	Initial Str Wt./Lbs. <u>40000</u>	Unseated Str Wt./Lbs. <u>40000</u>
Anchor Length <u>21'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>42,000</u>
Top Packer Depth <u>4065</u>	Hole Size — 7 7/8" _____	Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>4069</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____	
Total Depth <u>4090</u>	Drill Collar — 2.25 Ft. Run _____	
Mud Wt. <u>9.0</u> LCM <u>Tc</u> Vis. <u>50</u> WL <u>8.4</u>	Drill Pipe Size <u>4 1/2 XH / 3.7" I.D.</u> Ft. Run <u>4068</u>	
Blow Description <u>I.F. - Built to 11" in bucket in 30 min</u>		
<u>T.S.I. - Bled off - no blow back</u>		
<u>E.F. - Built to 10" in bucket in 30 min</u>		
<u>E.S.I. - Bled off - no blow back</u>		

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP
Rec. <u>200</u> Feet Of <u>Muddy water</u>	_____	_____	<u>200</u>
	%gas _____	%oil _____	%water <u>75</u> %mud <u>25</u>
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____

BHT <u>109</u> °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
RW <u>757</u> @ <u>32.2</u> °F Chlorides <u>15000</u> ppm Recovery Chlorides <u>2000</u> ppm System
(A) Initial Hydrostatic Mud <u>2043</u> PSI Recorder No. <u>6730</u> T-Started <u>1315</u>
(B) First Initial Flow Pressure <u>98</u> PSI @ (depth) <u>4074</u> T-Open <u>1430</u>
(C) First Final Flow Pressure <u>120</u> PSI Recorder No. <u>11086</u> T-Pulled <u>1700</u>
(D) Initial Shut-in Pressure <u>1271</u> PSI @ (depth) <u>4087</u> T-Out <u>1845</u>
(E) Second Initial Flow Pressure <u>142</u> PSI Recorder No. _____
(F) Second Final Flow Pressure <u>164</u> PSI @ (depth) _____
(G) Final Shut-in Pressure <u>1260</u> PSI Initial Opening <u>30</u> Test <u>conventional</u>
(H) Final Hydrostatic Mud <u>2011</u> PSI Initial Shut-in <u>45</u> Jars _____

Final Flow <u>30</u> Safety Joint _____
Final Shut-in <u>45</u> Straddle _____
_____ Circ. Sub <u>✓ N/C</u> _____
_____ Sampler _____
Extra Packer _____
Elect. Rec. _____
Other _____
TOTAL PRICE \$ _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Ed Glassman
 Our Representative White

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

ORIGINAL

8419

15-109-20605

15-109-20605-00-00

Well Name & No. <u>Hubert #B-1</u>	Test No. <u>#2</u>	Date <u>12-8-95</u>
Company <u>AFG Energy Inc.</u>	Zone Tested <u>Lansing/K.C. "A"</u>	
Address <u>P.O. Box 458 Hays, Ks 67601</u>	Elevation <u>3170</u> KB <u>3164</u> GL	
Co. Rep / Geo. <u>Ed Glassman</u>	Cont. <u>Discovery Drilling Rig #1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>30</u> Twp. <u>11s</u> Rge. <u>33w</u> Co. <u>Logan</u> State <u>Ks</u>		
No. of Copies <u>Normal</u> Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>N</u>	Evaluation (Y, N) <u>N</u>

Interval Tested <u>4091 to 4105</u>	Initial Str Wt./Lbs. <u>39000</u>	Unseated Str Wt./Lbs. <u>50000</u>
Anchor Length <u>14'</u>	Wt. Set Lbs. <u>22,000</u>	Wt. Pulled Loose/Lbs. <u>52,000</u>
Top Packer Depth <u>4087</u>	Hole Size — 7 7/8"	Rubber Size — 6 3/4"
Bottom Packer Depth <u>4091</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u> </u>	
Total Depth <u>4105</u>	Drill Collar — 2.25 Ft. Run <u> </u>	
Mud Wt. <u>9.0</u> LCM <u>Tf</u> Vis. <u>50</u> WL <u>8.4</u>	Drill Pipe Size <u>4 1/2 XH / 3.75 I.D.</u> Ft. Run <u>4102</u>	
Blow Description <u>I.F. - B.O.B. in 13 min</u>		
<u>I.S.I. - Bled off, no blow back</u>		DRA 294 4-2-96
<u>E.F. - B.O.B. immediately, backside of hole not holding</u>		
<u>F.S.I. - Bled off, no blow back</u>		

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP				
Rec. <u> </u> Feet Of <u>Mist run</u>	%gas	%oil	%water	%mud			
Rec. <u> </u> Feet Of <u>Mist run</u>	%gas	%oil	%water	%mud			
Rec. <u> </u> Feet Of <u>Mist run</u>	%gas	%oil	%water	%mud			
Rec. <u> </u> Feet Of <u>Packer Failure</u>	%gas	%oil	%water	%mud			

BHT <u> </u> °F Gravity <u> </u> °API D ₄₀ <u> </u> °F Corrected Gravity <u> </u> °API
RW <u> </u> @ <u> </u> °F Chlorides <u> </u> ppm Recovery Chlorides <u>2000</u> ppm System
(A) Initial Hydrostatic Mud <u> </u> PSI Recorder No. <u>6730</u> T-Started <u>0220</u>
(B) First Initial Flow Pressure <u> </u> PSI @ (depth) <u>4096</u> T-Open <u>0340</u>
(C) First Final Flow Pressure <u> </u> PSI Recorder No. <u>11086</u> T-Pulled <u>0600</u>
(D) Initial Shut-in Pressure <u> </u> PSI @ (depth) <u>4102</u> T-Out <u>0830</u>
(E) Second Initial Flow Pressure <u> </u> PSI Recorder No. <u> </u>
(F) Second Final Flow Pressure <u> </u> PSI @ (depth) <u> </u>
(G) Final Shut-in Pressure <u> </u> PSI Initial Opening <u>30</u> Test <u>conventional</u>
(H) Final Hydrostatic Mud <u> </u> PSI Initial Shut-in <u>45</u> Jars <u> </u>

Final Flow <u>30 20</u> Safety Joint <u> </u>
Final Shut-in <u>45</u> Straddle <u> </u>
<u> </u> Circ. Sub <u> </u>
<u> </u> Sampler <u> </u>

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Approved By Ed Glassman
 Our Representative Mike McLean

Extra Packer
 Elect. Rec.
 Other
 TOTAL PRICE \$

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

ORIGINAL

8420

15-109-20605

15-109-20605-00-00

Well Name & No. Hubert #B-1 Test No. # 3 Date 12-8-95
 Company AFG Energy Inc. Zone Tested Toronto/Lansing "A"
 Address P.O. Box 458 Hays, Ks. 67601 Elevation 3170 KB 3164 GL
 Co. Rep / Geo. Ed Glassman Cont. Discovery Drilling Rig #1 Est. Ft. of Pay Por. %
 Location: Sec. 30 Twp. 11s Rge. 33w Co. Logan State Ks
 No. of Copies normal Distribution Sheet (Y, N) N Turnkey (Y, N) N Evaluation (Y, N) N

Interval Tested 4069 to 4105 Initial Str Wt./Lbs. 38,000 Unseated Str Wt./Lbs. 40,000
 Anchor Length 36' Wt. Set Lbs. 22,000 Wt. Pulled Loose/Lbs. 58,000
 Top Packer Depth 4065 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 4069 Wt. Pipe I.D. — 2.7 Ft. Run
 Total Depth 4105 Drill Collar — 2.25 Ft. Run
 Mud Wt. 9.3 LCM Tr Vis. 54 WL 8.4 Drill Pipe Size 4 1/2 X 1 3/4 I.D. Ft. Run 4071

Blow Description IF - no blow, flush tool, weak blow (located a loose hammer union/device & retighten)
I.S.I. - Bled off, no blow back
E.E. - Built to B.O.B. in 24 min
F.S.I. - Bled off, no blow back

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP
Rec. <u>340</u> Feet Of <u>Muddy water</u>	<u> </u>	<u> </u>	<u>340</u>
Rec. <u> </u> Feet Of <u> </u>	<u> </u>	<u> </u>	<u> </u>
Rec. <u> </u> Feet Of <u> </u>	<u> </u>	<u> </u>	<u> </u>
Rec. <u> </u> Feet Of <u> </u>	<u> </u>	<u> </u>	<u> </u>
Rec. <u> </u> Feet Of <u> </u>	<u> </u>	<u> </u>	<u> </u>

BHT 109 °F Gravity °API D@ °F Corrected Gravity °API
 RW 476 @ 30-7 °F Chlorides 28,000 ppm Recovery Chlorides 2000 ppm System
 (A) Initial Hydrostatic Mud 2032 PSI Recorder No. 6730 T-Started 0930
 (B) First Initial Flow Pressure 152 PSI @ (depth) 4077 T-Open 1100
 (C) First Final Flow Pressure 185 PSI Recorder No. 11086 T-Pulled 1300
 (D) Initial Shut-in Pressure 1303 PSI @ (depth) 4102 T-Out 1445
 (E) Second Initial Flow Pressure 207 PSI Recorder No.
 (F) Second Final Flow Pressure 251 PSI @ (depth)
 (G) Final Shut-in Pressure 1281 PSI Initial Opening 30 Test conventional
 (H) Final Hydrostatic Mud 2000 PSI Initial Shut-in 30 Jars

Final Flow 30 Safety Joint
 Final Shut-in 30 Straddle
 Circ. Sub ✓ N/C
 Sampler

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Approved By Ed Glassman
 Our Representative Nick Mc...

Extra Packer
 Elect. Rec.
 Other
 TOTAL PRICE \$

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

ORIGINAL 8421
15-109-20605

15-109-20605-00-00

Well Name & No. <u>Hubert #B-1</u>	Test No. <u>#4</u>	Date <u>12-9-95</u>
Company <u>AFG Energy Inc.</u>	Zone Tested <u>Lansing/K.C. "H"</u>	
Address <u>P.O. Box 458 Hays, Ks 67601</u>	Elevation <u>3170</u>	KB <u>3164</u> GL
Co. Rep / Geo. <u>Ed Glassman</u>	Cont. <u>Discovery Drilling Rig #1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>30</u> Twp. <u>11s</u> Rge. <u>33w</u> Co. <u>Logan</u> State <u>Ks</u>		
No. of Copies <u>Normal</u> Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>N</u>	Evaluation (Y, N) <u>N</u>

Interval Tested <u>4242 to 4295</u>	Initial Str Wt./Lbs. <u>40000</u>	Unseated Str Wt./Lbs. <u>42000</u>
Anchor Length <u>53'</u>	Wt. Set Lbs. <u>22,000</u>	Wt. Pulled Loose/Lbs. <u>56,000</u>
Top Packer Depth <u>4238</u>	Hole Size — 7 7/8" _____	Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>4242</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____	
Total Depth <u>4295</u>	Drill Collar — 2.25 Ft. Run _____	
Mud Wt. <u>9.1</u> LCM <u>TF</u> Vis. <u>59</u> WL <u>8.4</u>	Drill Pipe Size <u>4 1/2 X 1 3/4" I.D.</u>	Ft. Run <u>4253</u>
Blow Description <u>IF - B.O.B. in 21 min.</u>		
<u>IS.I. - Bled off, no blow back</u>		
<u>FF - B.O.B. in 23 min.</u>		
<u>ESI - Bled off, no blow back</u>		

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP
Rec. <u>330</u> Feet Of <u>Muddy water</u>			<u>330</u>
	%gas	%oil	%water %mud
Rec. _____ Feet Of _____			<u>75</u> <u>25</u>
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud

BHT <u>104</u> °F Gravity _____	°API D@ _____	°F Corrected Gravity _____	°API _____
RW <u>402</u> @ <u>27.7</u> °F Chlorides <u>30,000</u> ppm Recovery Chlorides <u>4000</u> ppm System			
(A) Initial Hydrostatic Mud <u>2152</u> PSI	Recorder No. <u>6730</u>	T-Started <u>1200</u>	
(B) First Initial Flow Pressure <u>109</u> PSI	@ (depth) <u>4249</u>	T-Open <u>1304</u>	
(C) First Final Flow Pressure <u>163</u> PSI	Recorder No. <u>11086</u>	T-Pulled <u>1504</u>	
(D) Initial Shut-in Pressure <u>1314</u> PSI	@ (depth) <u>4292</u>	T-Out <u>1630</u>	
(E) Second Initial Flow Pressure <u>196</u> PSI	Recorder No. _____		
(F) Second Final Flow Pressure <u>229</u> PSI	@ (depth) _____		
(G) Final Shut-in Pressure <u>1292</u> PSI	Initial Opening <u>30</u>	Test <u>conventional</u>	
(H) Final Hydrostatic Mud <u>2131</u> PSI	Initial Shut-in <u>30</u>	Jars _____	

Final Flow <u>30</u>	Safety Joint _____
Final Shut-in <u>30</u>	Straddle _____
	Circ. Sub <u>✓ M/C</u>
	Sampler _____

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Approved By Ed Glassman
 Our Representative Willie [Signature]

Extra Packer _____
 Elect. Rec. _____
 Other _____
 TOTAL PRICE \$ _____

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

ORIGINAL
8473
15-109-20605

15-109-20605-00-00

Well Name & No.	Hubert B #1	Test No.	5	Date	12-12-95
Company	AFG Energy, Inc.	Zone Tested	Lans/KC		
Address	P.O. Box 458 Hays, KS 67601	Elevation	3170	KB	3162 GL
Co. Rep / Geo.	Ed Glassman	Cont.	Discovery #1	Est. Ft. of Pay	Por. %
Location: Sec.	30	Twp.	11 ^S	Rge.	33 ^W
		Co.	Logan	State	KS
No. of Copies	Distribution Sheet (Y, N)	Turnkey (Y, N)	Evaluation (Y, N)		

Interval Tested	4298 - 4347	Initial Str Wt./Lbs.	48,000	Unseated Str Wt./Lbs.	50,000
Anchor Length	49'	Wt. Set Lbs.	25,000	Wt. Pulled Loose/Lbs.	52,000
Top Packer Depth	4293 - 4298	Hole Size	7 7/8"	Rubber Size	6 3/4"
Bottom Packer Depth	4347	Wt. Pipe I.D.	2.7 Ft. Run		
Total Depth	(RTD) 4750	Drill Collar	2.25 Ft. Run	60'	
Mud Wt.	9.6 LCM	Vis.	52 WL 10.8	Drill Pipe Size	4 1/2" XH Ft. Run 4230'
Blow Description	Packers failed immediately - tried to reset - no help.				

TOH @ Co Orders

Recovery - Total Feet	300'	Ft. in DC	60'	Ft. in WP	-	Ft. in DP	240'
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	Feet Of	%gas	%oil	%water	%mud		
Rec.	300' Feet Of	Drlg Mud		%gas	%oil	%water	%mud
Rec.	Feet Of	JAN 7 2 1996		%gas	%oil	%water	%mud
Rec.	Feet Of	1-12-1996		%gas	%oil	%water	%mud
BHT	112° °F Gravity	°API		°F Corrected Gravity		°API	

RW	@	°F Chlorides	ppm Recovery	Chlorides	ppm System
(A) Initial Hydrostatic Mud	2273	PSI	Recorder No.	13339	T-Started 21:45
(B) First Initial Flow Pressure		PSI	@ (depth)	4335	T-Open 24:00
(C) First Final Flow Pressure		PSI	Recorder No.	13276	T-Pulled 00:15
(D) Initial Shut-in Pressure		PSI	@ (depth)	4340	T-Out 02:30
(E) Second Initial Flow Pressure		PSI	Recorder No.	13309	
(F) Second Final Flow Pressure		PSI	@ (depth)	4745	
(G) Final Shut-in Pressure		PSI	Initial Opening	0	Test Misrun
(H) Final Hydrostatic Mud	2223	PSI	Initial Shut-in	0	Jars

Final Flow 0 Safety Joint
Final Shut-in 0 Straddle X

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Shale Pkr. X
Sampler

Extra Packer X
Elect. Rec.

Other

TOTAL PRICE \$

Approved By

Our Representative Rod Steinbrink

RECEIVED FROM

913 625 5620

ALLIED CEMENTING CO., INC.

3801

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

ORIGINAL

SERVICE POINT: OAKLEY, KS

15-109-20605-00-00

DATE <u>12-12-95</u>	SEC. <u>30</u>	TWP. <u>11S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION <u>7:05 AM</u>	JOB START <u>8:20 AM</u>	JOB FINISH <u>11:00 AM</u>
LEASE <u>HYBERT "B"</u>	WELL # <u>1</u>	LOCATION <u>MONUMENT 35-34W</u>			COUNTY <u>LOGAN</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR <u>DISCOVERY</u>	OWNER <u>JAME</u>
TYPE OF JOB <u>PTA</u>	CEMENT
HOLE SIZE <u>7 7/8"</u>	T.D. <u>4750'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2"</u>	DEPTH <u>2635'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	

AMOUNT ORDERED 260 SKS 60/40 69.66L 1/4 Flo-SEAL

COMMON	<u>120 SKS</u>	@	<u>7.20</u>	<u>864.00</u>
POZMIX	<u>80 SKS</u>	@	<u>3.15</u>	<u>252.00</u>
GEL	<u>10 SKS</u>	@	<u>9.50</u>	<u>95.00</u>
CHLORIDE		@		
<u>Flo-Seal 50#</u>		@	<u>1.15</u>	<u>57.50</u>
		@		
		@		
		@		
		@		
HANDLING	<u>200 SKS</u>	@	<u>1.05</u>	<u>210.00</u>
MILEAGE	<u>4¢ per sk/mile</u>			<u>104.00</u>
TOTAL				<u>1,582.50</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>TERRY</u>
# <u>191</u>	HELPER <u>WAYNE</u>
BULK TRUCK	
# <u>218</u>	DRIVER <u>MAX</u>
BULK TRUCK	
#	DRIVER

RECEIVED
STATE CORPORATION COMMISSION
JAN 12 1996
1-12-1996
CONSERVATION DIVISION
WICHITA, KANSAS

REMARKS:

<u>25 SKS AT 2635'</u>
<u>100 SKS AT 1660'</u>
<u>40 SKS AT 450'</u>
<u>10 SKS AT 40'</u>
<u>10 SKS MOUSE HOLE</u>
<u>15 SKS RAT HOLE</u>

SERVICE

DEPTH OF JOB	<u>2635'</u>		
PUMP TRUCK CHARGE			<u>550.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>13-miles</u>	@	<u>2.32</u>
PLUG	<u>8 5/8 DRY HOLE</u>	@	<u>23.00</u>
		@	
		@	
TOTAL <u>603.50</u>			

CHARGE TO: AFG ENERGY INC.
STREET P.O. Box 458
CITY Hays STATE Kan ZIP 67601

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

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

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

