

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 30481
Name: Apollo Energies, Inc.
Address: 734-B N. Four Wheel Drive
City/State/Zip: Kingman, KS 67068
Purchaser: Bluestem Marketing
Operator Contact Person: Jim Byers
Phone: (316) 532-2390
Contractor: Name: Duke Drilling
License: 5929
Wellsite Geologist: Jon F. Messenger

CONSERVATION DIVISION
Wichita, Kansas

JUN 22 2000

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/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
12-13-99 12-22-99 1-7-2000
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 007-22609-00-00
County: Barber
C S/2 N/2 NE Sec. 30 Twp. 34 S. R. 13 East West
4290 feet from S / N (circle one) Line of Section
1320 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Achenbach Well #: A-2

Field Name: Aetna
Producing Formation: Toronto
Elevation: Ground: 1695 Kelly Bushing: 1704
Total Depth: 4900 Plug Back Total Depth: 4858
Amount of Surface Pipe Set and Cemented at 294 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.

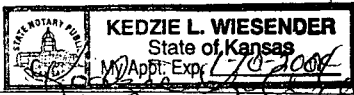
Drilling Fluid Management Plan *Sent in by Clarke AH-1, 6-22-00 UIC*
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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 of 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: James F. Byers
Title: President Date: 6/20/2000

Subscribed and sworn to before me this 20th day of June, 2000



Notary Public: Kedzie L. Wiesender
Date Commission Expires: January 10, 2004

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 KCC

Operator Name: Apollo Energies, Inc. Lease Name: Achenbach Well #: A-2

Sec. 30 Twp 34 S. R13 East West County: Barber

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

GR
 CNL/CDL
 DIL
 DEPL

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum			<input type="checkbox"/> Sample
Name	Top	Datum	
Elgin	3900	-	2196
Heebner	4020	-	2316
Toronto	4040	-	2336
Toronto Pay	4056	-	2352
Douglas	4114	-	2410
Lansing	4200	-	2496
Swope	4649	-	2945
Hertha	4680	-	2976
BKC	4702	-	2998
Miss	4796	-	3092

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	# Sacjs Used	Type and Percent Additives
Surface	14 3/4"	10 3/4"	40#	294	60/40Poz	200	2% Gel 3% Gel
Production	7 7/8"	4 1/2"	11.6# bottom	4877	ASC	225	
Casing			10.5# Top	3400			

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" 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
2	4608-4610' Squeeze Perfs	75SX Class A 10% Salt &	
	Cement Retainer Set @ 4591	100 sx Class A 60140 poz 2% Gel	
		10% salt 4# Flo-Seal	
2	4057-4065 (Toronto)	1,000 gal 15% Mud Acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
2/9/2000	<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
Trace Cond.		80		28	

Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval

TRILOBITE TESTING L.L.C. ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

N 12101

Test Ticket

Well Name & No. <u>Achenbach A #2</u>	Test No. <u>1</u>	Date <u>12-18-99</u>
Company <u>Apollo Energies Inc.</u>	Zone Tested <u>Toronto</u>	
Address <u>734-B.N. Four Wheel Dr. Kingman Ks. 67068</u>	Elevation <u>1704</u>	KB <u>1695</u> GL
Co. Rep / Geo. <u>Sam Messenger</u>	Cont. <u>Duke Drig. #4</u>	Est. Ft. of Pay <u>6</u> Por. <u> </u> %
Location: Sec. <u>30</u>	Twp. <u>34S</u>	Rge. <u>13W</u> Co. <u>Dolan</u> State <u>Ks.</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>4033 - 4060'</u>	Initial Str Wt./Lbs. <u>51,000</u>	Unseated Str Wt./Lbs. <u>52,000</u>
Anchor Length <u>27'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>60,000</u>
Top Packer Depth <u>4028'</u>	Tool Weight <u>2100 #</u>	
Bottom Packer Depth <u>4033'</u>	Hole Size — <u>7 7/8" ✓</u>	Rubber Size — <u>6 3/4" ✓</u>
Total Depth <u>4060'</u>	Wt. Pipe Run <u>None</u>	Drill Collar Run <u>None</u>
Mud Wt. <u>8.9</u> LCM <u>1#</u> Vis. <u>45</u> WL <u>11.2 cc.</u>	Drill Pipe Size <u>4 1/2" X.H.</u>	Ft. Run <u>4020'</u>
Blow Description <u>IF: Strong below, B.O.B. in 10 sec. GTS in 12 mins. (see gas volume report) ISI: Wash below. 1/2" FF: Strong below. (see gas volume report) FSI: No blow.</u>		

Recovery — Total Feet <u>40</u>	GIP <u>yes</u>	Ft. in DC <u> </u>	Ft. in DP <u>40</u>
Rec. <u>40</u> Feet Of <u>Dry Mud.</u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
BHT <u>99</u> °F Gravity <u>N/A</u>	°API D@ <u> </u>	°F Corrected Gravity <u>N/A</u>	°API <u> </u>
RW <u>N.C.</u> @ <u> </u>	°F Chlorides <u>4,000</u> ppm	Recovery Chlorides <u>4,000</u> ppm	System <u> </u>

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>1920</u>	<u>1943</u>	<u>alp.</u>	<u>2342</u>	<u>1930</u>
(B) First Initial Flow Pressure	<u>39</u>	<u>53</u>	PSI (depth)	<u>4039'</u>	<u>2307</u>
(C) First Final Flow Pressure	<u>30</u>	<u>41</u>	PSI Recorder No.	<u>10248</u>	<u>0121</u>
(D) Initial Shut-In Pressure	<u>885</u>	<u>896</u>	PSI (depth)	<u>4057'</u>	<u>0425</u>
(E) Second Initial Flow Pressure	<u>28</u>	<u>34</u>	PSI Recorder No.	<u> </u>	<u>0625</u>
(F) Second Final Flow Pressure	<u>30</u>	<u>32</u>	PSI (depth)	<u> </u>	<u> </u>
(G) Final Shut-in Pressure	<u>819</u>	<u>837</u>	PSI Initial Opening	<u>30</u>	Test <u>✓</u>
(Q) Final Hydrostatic Mud	<u>1889</u>	<u>1902</u>	PSI Initial Shut-in	<u>60</u>	Jars <u>✓</u>
			Final Flow	<u>30</u>	Safety Joint <u>✓</u>
			Final Shut-in	<u>60</u>	Straddle <u> </u>
				<u>5</u>	Circ. Sub <u> </u>
					Sampler <u> </u>
					Extra Packer <u> </u>
					Elec. Rec. <u>✓</u>
					Mileage <u> </u>
					Other <u> </u>
					TOTAL PRICE \$ <u>✓</u>

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 [Signature]
 Our Representative [Signature]

Extra Packer
 Elec. Rec. ✓
 Mileage
 Other
 TOTAL PRICE \$ ✓

TRILOBITE TESTING L.L.C.

ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

N^o 12102

Test Ticket

Well Name & No. <u>Achenbach A #2</u>		Test No. <u>2</u>	Date <u>Dec. - 21-99</u>
Company <u>Apollo Energies Inc.</u>		Zone Tested <u>Herttha</u>	
Address <u>734-B N. Four Wheel Dr. Kingman Ks. 67068</u>		Elevation <u>1704</u>	KB <u>1695</u> GL
Co. Rep / Geo. <u>Jon Messenger</u>		Cont. <u>Duke Dwyer #4</u>	Est. Ft. of Pay <u>4</u> Por. <u> </u> %
Location: Sec. <u>30</u>	Twp. <u>34^s</u>	Rge. <u>13rd</u>	Co. <u>Barber</u> State <u>Ks.</u>
No. of Copies <u>5</u> Distribution Sheet (Y, N) <u>N</u>		Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>	

Interval Tested <u>4668 - 4688'</u>	Initial Str Wt./Lbs. <u>55,000</u>	Unseated Str Wt./Lbs. <u>55,000</u>
Anchor Length <u>20'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>68,000</u>
Top Packer Depth <u>4663'</u>	Tool Weight <u>2100 #</u>	
Bottom Packer Depth <u>4668'</u>	Hole Size — <u>7 7/8"</u> ✓	Rubber Size — <u>6 3/4"</u> ✓
Total Depth <u>4688'</u>	Wt. Pipe Run <u>None</u>	Drill Collar Run <u>None</u>
Mud Wt. <u>9.3</u> LCM <u>1#</u> Vis. <u>418</u> WL <u>8.8 cc.</u>	Drill Pipe Size <u>4 1/2" X 14 Ft. Run</u> <u>4244'</u>	
Blow Description <u>IF: Strong below. B.O.B. in 2 mins.</u>		
<u>ISI: No below.</u>		
<u>FE: Fair to strong flow. B.O.B. in 9 mins. FSI: No flow.</u>		

Recovery — Total Feet <u>10 Fluid</u>	GIP <u>360'</u>	Ft. in DC <u> </u>	Ft. in DP <u>10</u>
Rec. <u>10</u> Feet Of <u>Dry Mud</u>	%gas	%oil	%water
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water
BHT <u>113</u> °F Gravity <u>N/A</u>	°API D@ <u> </u>	°F Corrected Gravity <u>N/A</u> °API <u> </u>	
RW <u>N.C.</u> °F Chlorides <u>4,000</u> ppm Recovery	Chlorides <u>6,000</u> ppm System		

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2360</u>	<u>2330</u>	<u>alp.</u>	<u>2342</u>	<u>2320</u>
(B) First Initial Flow Pressure	<u>12</u>	<u>15</u>	PSI	(depth) <u>4674'</u>	T-Started <u>0034</u>
(C) First Final Flow Pressure	<u>14</u>	<u>18</u>	PSI	Recorder No. <u>10248</u>	T-Open <u>0215</u>
(D) Initial Shut-In Pressure	<u>198</u>	<u>197</u>	PSI	(depth) <u>4685'</u>	T-Pulled <u>0548</u>
(E) Second Initial Flow Pressure	<u>14</u>	<u>18</u>	PSI	Recorder No. <u> </u>	T-Out <u>0802</u>
(F) Second Final Flow Pressure	<u>14</u>	<u>21</u>	PSI	(depth) <u> </u>	T-Off Location <u> </u>
(G) Final Shut-in Pressure	<u>841</u>	<u>851</u>	PSI	Initial Opening <u>30</u>	Test <u>✓</u>
(Q) Final Hydrostatic Mud	<u>2342</u>	<u>2320</u>	PSI	Initial Shut-in <u>30</u>	Jars <u>✓</u>
				Final Flow <u>30</u>	Safety Joint <u>✓</u>
				Final Shut-in <u>60</u>	Straddle <u> </u>
				<u> </u>	Circ. Sub <u> </u>
				<u> </u>	Sampler <u> </u>
				<u> </u>	Extra Packer <u> </u>
				<u> </u>	Elec. Rec. <u>✓</u>
				<u> </u>	Mileage <u> </u>
				<u> </u>	Other <u> </u>
				<u> </u>	TOTAL PRICE \$ <u>✓</u>

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Approved By _____
 Our Representative Conny Swartz

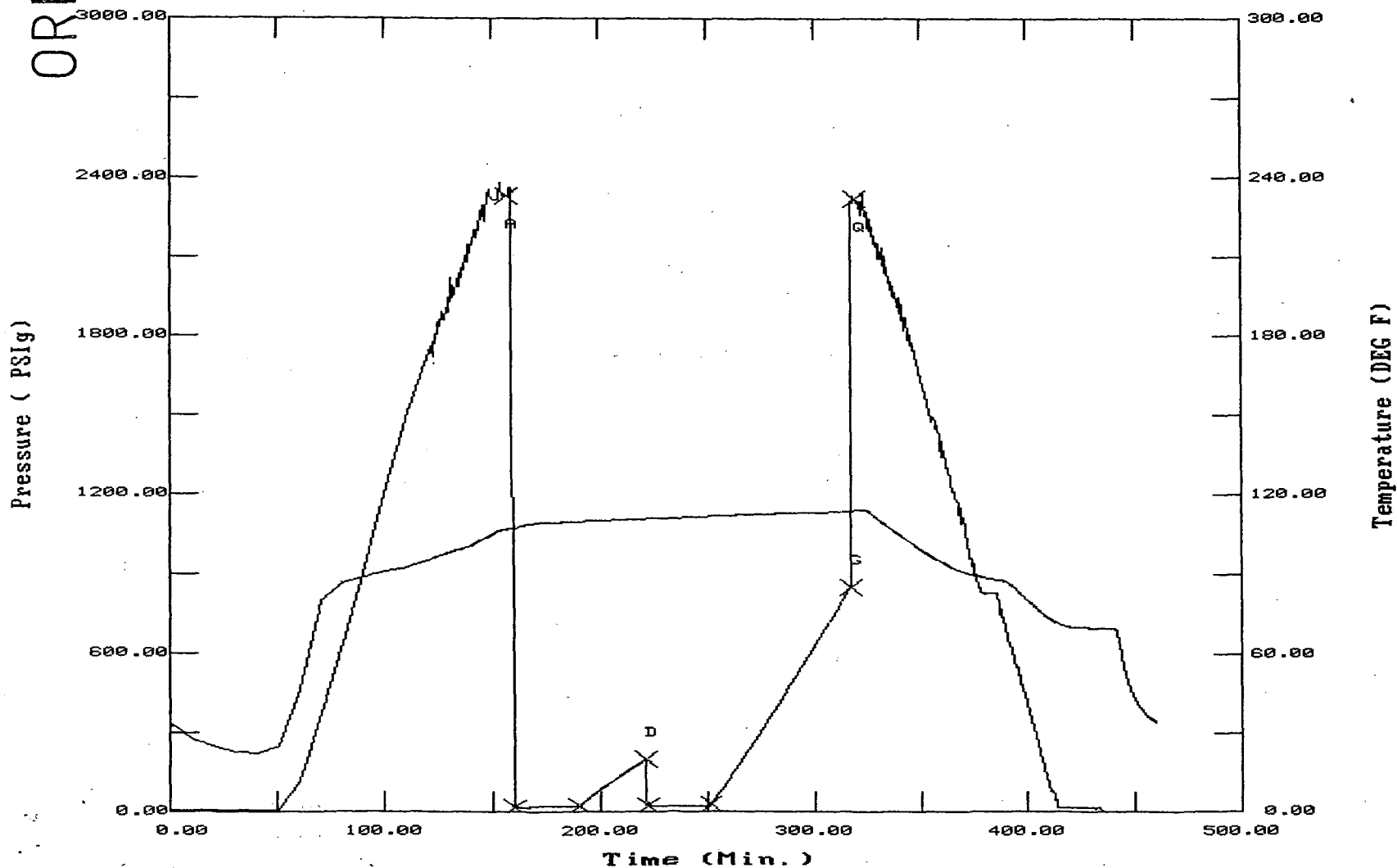
TEST HISTORY

12102 DST#2 ACHENBACH A#2 APOLLO ENERGIES INC.

Flag Points
t(Min.) P(PSig)

A:	0.00	2330.42
B:	0.00	15.10
C:	30.00	18.37
D:	30.50	197.05
E:	0.00	17.70
F:	30.00	21.23
G:	65.50	851.19
Q:	0.00	2320.34

ORIGINAL

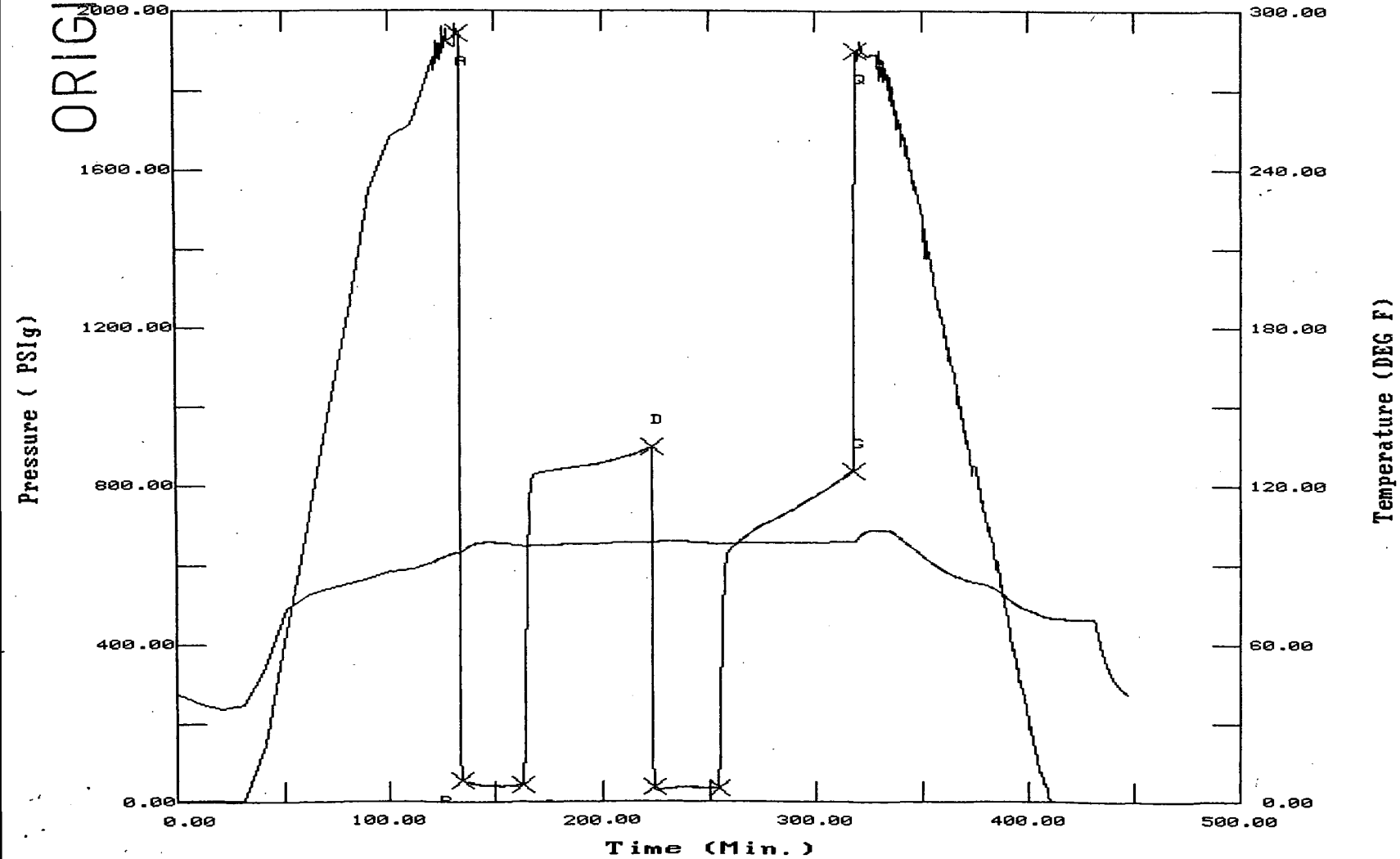


TEST HISTORY

12101 DST#1 ACHENBACH A#2 APOLLO ENERGIES INC.

	t<Min.>	P< PSig>
A:	0.00	1943.09
B:	0.00	53.03
C:	28.00	41.37
D:	59.50	895.75
E:	0.00	34.32
F:	31.00	31.55
G:	63.50	837.34
Q:	0.00	1902.05

ORIGINAL



DRILL STEM TESTS

DST #1 4033-4060 (Toronto)
1st IF 53 FFP 41 ISIP896
2nd IF 34 FFP 32 FSIP837 & Building
IH 1943 FH 1902 1st Flow GTS 12"
20" 87 MCF 30" 93.8 MCF 2nd Flow 10" 87 MCF
20" 87 30" 80.2 Rec 40';Drlg Mud

DST

DST #2 4668-4688 (Hertha)
1st Flow IF 15 FFP18, ISIP197 Strong Blow
2nd Flow IF18 FF21 FSIP851 & Building
Rec 10' D.M. 360' GIP IH 2330
FH 2320 No Gas to Surface

ORIGINAL ALLIED CEMENTING CO., INC. 213

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
Medicine Lodge

DATE <i>12-22-99</i>	SEC. <i>30</i>	TWP. <i>34S</i>	RANGE <i>13W</i>	CALLED OUT <i>4:30 pm</i>	ON LOCATION <i>600 pm</i>	JOB START <i>12:15 AM</i>	JOB FINIS <i>1:00 A</i>
LEASE <i>Acherbach</i>		WELL # <i>A-2</i>	LOCATION <i>HARDTNER KS. 6W</i>		COUNTY <i>Barber</i>	STATE <i>Ks.</i>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<i>3/4 w/ w/s</i>				

CONTRACTOR *Duke ++4*
 TYPE OF JOB *production*
 HOLE SIZE *10-5* T.D. *4903*
 CASING SIZE *4 1/2 - 11-6* DEPTH *4703*
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX *2400* MINIMUM _____
 MEAS. LINE _____ SHOE JOINT *20.39*
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT *2% KCL water.*

OWNER *Apollo Energy*
 CEMENT
 AMOUNT ORDERED *225 sx ASC + 5# KOLSEAL*
500 Gal Mud-clean.
8 Gal cla-pro

COMMON <i>A</i>	<i>9</i>	@ <i>6.35</i>	<i>57.15</i>
POZMIX	<i>6</i>	@ <i>3.25</i>	<i>19.50</i>
GEL	<i>1</i>	@ <i>9.50</i>	<i>9.50</i>
CHLORIDE		@	
<i>ASC</i>	<i>225</i>	@ <i>8.20</i>	<i>1845</i>
<i>KOL-SEAL</i>	<i>1125#</i>	@ <i>.38</i>	<i>427.50</i>
<i>MUD CLEAN</i>	<i>500 Gals</i>	@ <i>.75</i>	<i>375.00</i>
<i>CLAPRO</i>	<i>8 Gals</i>	@ <i>22.90</i>	<i>183.20</i>
		@	
HANDLING <i>240</i>		@ <i>1.05</i>	<i>252.00</i>
MILEAGE <i>240 x .35</i>		<i>.04</i>	<i>336.00</i>

TOTAL \$ *3509.85*

EQUIPMENT
 PUMP TRUCK # *352* CEMENTER *Carl Balding*
 HELPER *Stane Winsor*
 BULK TRUCK # *214-314* DRIVER *David west*
 BULK TRUCK # _____ DRIVER _____

REMARKS:

SERVICE

*Pipe on bottom, break circulation.
 Pump 12 bbls mud-clean, plug Rat +
 mouse hole with 25 sx 60:40:6. pump
 225 sx ASC + 5# kol-seal. cement in stop
 pumps, switch valves + wash pump + lines
 Displace with 76 bbls 2% KCL water.
 Land plug + Float held*

DEPTH OF JOB <i>4903</i>		
PUMP TRUCK CHARGE		<i>1214.00</i>
EXTRA FOOTAGE	@	
MILEAGE <i>35</i>	@ <i>2.85</i>	<i>99.75</i>
PLUG <i>rubber 4 1/2"</i>	@ <i>38.00</i>	<i>38.00</i>
	@	
	@	

TOTAL \$ *1351.75*

CHARGE TO: *Apollo Energy*
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<i>weld on Guid shoe</i>	@ <i>100.00</i>	<i>100.00</i>
<i>AFU Insert</i>	@ <i>152.00</i>	<i>152.00</i>
<i>10-Centralizer s</i>	@ <i>23.00</i>	<i>230.00</i>
<i>5-scratcher</i>	@ <i>25.00</i>	<i>125.00</i>
	@	

TOTAL \$ *607.00*

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.

TAX _____
 TOTAL CHARGE *\$ 5463.60*
 DISCOUNT *1092.72* IF PAID IN 30 L

SIGNATURE *Jim Byers*

Jim Byers
 PRINTED NAME

Net \$ *4370.88*

ALLIED CEMENTING CO., INC.

ORIGINAL 2308

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
med lodgets

DATE 12-13-99	SEC. 30	TWP. 34	RANGE 13	CALLED OUT 7:00pm.	ON LOCATION 8:15pm.	JOB START 11:45pm.	JOB FINISH 12:30a.
LEASE Achenbach	WELL # "A" #2	LOCATION Hardtner 6 1/2w-3 1/4n			COUNTY Barber	STATE KS.	
OLD OR NEW (Circle one)			w/s				

CONTRACTOR Duke Onq
 TYPE OF JOB Surface
 HOLE SIZE 14 3/4 T.D. 295
 CASING SIZE 10 3/4 x 40 DEPTH 294
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 200 MINIMUM 100
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15' By Request
 PERFS. _____
 DISPLACEMENT 27 1/4 Bbls. Fresh H₂O
 EQUIPMENT _____

OWNER Apollo Energy
 CEMENT AMOUNT ORDERED 200sx. 60/40/2%Gg 3%cc

PUMP TRUCK CEMENTER Larry Dreiling
 # 343 HELPER Justin Hart
 BULK TRUCK # 301 DRIVER mark Brungardt
 BULK TRUCK # _____ DRIVER _____

COMMON A	120	@	6.35	762.00
POZMIX	80	@	3.25	260.00
GEL	3	@	9.50	28.50
CHLORIDE	6	@	28.00	168.00
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
HANDLING	200	@	1.05	210.00
MILEAGE	200 x 35	-	.04	280.00

TOTAL \$1708.00

REMARKS:

SERVICE

pipe on Bottom - Break Circ.
 mix + Pump 200sx. CLASS A
 60/40/3%cc + 2%Gel
 Release Plug. Pump + Displace
 Plug w/ 27 1/4 Bbls. Fresh H₂O
 Shutt In. Cement Did Circ. ✓

DEPTH OF JOB	294'			
PUMP TRUCK CHARGE	0-300'			470.00
EXTRA FOOTAGE		@		
MILEAGE	35	@	2.85	99.75
PLUG wood-Cup	10 3/4'	@	55.00	55.00
_____	_____	@	_____	_____
_____	_____	@	_____	_____

TOTAL \$624.75

CHARGE TO: Apollo Energies Inc.
 STREET 734 B N. Four wheel Drive
 CITY Kingman STATE Ks ZIP 67068

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.

TAX	_____
TOTAL CHARGE	\$ 2333.25
DISCOUNT	466.65
NET #	1866.60

IF PAID IN 30 DAYS

SIGNATURE Jim Byers

Jim Byers
 PRINTED NAME

ALLIED CEMENTING CO., INC. ORIGINAL

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
Medicine Lodge

DATE <u>1-17-00</u>	SEC. <u>30</u>	TWP. <u>34S</u>	RANGE <u>3W</u>	CALLED OUT <u>9:30 AM</u>	ON LOCATION <u>10:30 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>5:15 PM</u>
LEASE <u>Achenback</u>		WELL #		LOCATION <u>Hardt 1/2 E R, 6W, 3 1/2 N, 1/2 W</u>		COUNTY <u>Barber</u>	STATE <u>Ks.</u>
<u>OLD</u> OR NEW (Circle one)							

CONTRACTOR _____	OWNER <u>Apollo Energy</u>
TYPE OF JOB <u>Squeeze</u>	CEMENT _____
HOLE SIZE _____ T.D. _____	AMOUNT ORDERED _____
CASING SIZE <u>5 1/2</u> DEPTH _____	<u>100 5x Class A NEAT</u>
TUBING SIZE <u>2 7/8</u> DEPTH _____	COMMON <u>A 100 @ 6.35 635.00</u>
DRILL PIPE _____ DEPTH _____	POZMIX _____ @ _____
TOOL <u>Packer set</u> DEPTH <u>3847</u>	GEL _____ @ _____
PRES. MAX _____ MINIMUM _____	CHLORIDE _____ @ _____
MEAS. LINE _____ SHOE JOINT _____	_____ @ _____
CEMENT LEFT IN CSG. _____	_____ @ _____
<u>PERFS. Holes 4033-3878</u>	_____ @ _____
DISPLACEMENT _____	_____ @ _____
EQUIPMENT	_____ @ _____
PUMP TRUCK CEMENTER <u>Carlo Balding</u>	_____ @ _____
# <u>261-265</u> HELPER <u>Shane Winsor</u>	HANDLING <u>100 @ 1.05 105.00</u>
BULK TRUCK _____	MILEAGE <u>100 x .35 .04 140.00</u>
# <u>242</u> DRIVER <u>David West</u>	TOTAL <u>\$ 880.00</u>
BULK TRUCK _____	
# _____ DRIVER _____	

REMARKS:
fridge plug 4750;
Run tubing + Hunt for Holes Holes found from
4033-3878 load annulus to 500 psi load tubing
+ take injection rate, packer set 3847
run 100 5x ANCAT cement in wash pipe + lines.
Displace with 154 BBLs freshwater, Holes Did
NOT squeeze, over displace with 10 BBLs
shot in tubing.

SERVICE

DEPTH OF JOB <u>4033</u>	
PUMP TRUCK CHARGE _____	<u>1080.00</u>
EXTRA FOOTAGE _____ @ _____	
MILEAGE <u>35 @ 2.85</u>	<u>99.75</u>
PLUG _____ @ _____	
<u>SPHERE MANIFOLD @ 75.00</u>	<u>75.00</u>
_____ @ _____	
TOTAL	<u>\$ 1254.75</u>

CHARGE TO: Apollo Energy

STREET _____

CITY _____ STATE _____ ZIP _____

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.

TAX 136.63

TOTAL CHARGE 2271.38

DISCOUNT 426.95 IF PAID IN 30 DAYS

\$ 1844.43

Jim Byels

PRINTED NAME _____

SIGNATURE [Signature]

RECEIVED
STATE CORPORATION COMMISSION

JUN 22 2000

CONSERVATION DIVISION
Wichita, Kansas

.....ORIGINAL

ALLIED CEMENTING CO., INC.

P.O. BOX 31
RUSSELL, KS 67665
PH (785) 483-3887
FAX (785) 483-5566

* INVOICE *

Invoice Number: 080483

Invoice Date: 01/17/00

Sold Apollo Energies, Inc.
To: 734-B N Four Wheel Dr.
Kingman, KS
67068

Cust I.D.....: Appo
P.O. Number...: Achenback
P.O. Date.....: 01/17/00

Due Date.: 02/16/00
Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	100.00	SKS	6.3500	635.00	T
Handling	100.00	SKS	1.0500	105.00	T
Mileage (35)	35.00	MILE	4.0000	140.00	T
100 sks @\$.04 per sk per mi					
Squeeze	1.00	JOB	1080.0000	1080.00	T
Mileage pmp trk	35.00	MILE	2.8500	99.75	T
Squeeze Manifold	1.00	EACH	75.0000	75.00	T

All Prices Are Net, Payable 30 Days Following
Date of Invoice. 1 1/2% Charged Thereafter.
If Account CURRENT take Discount of \$ 426.95
ONLY if paid within 30 days from Invoice Date

Subtotal:	2134.75
Tax.....:	136.62
Payments:	0.00
Total....:	2271.37

0-C

2,271.37 +
426.95 -
1,844.42 *

ALLIED CEMENTING CO., INC. ORIGINAL ²³²⁰

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
med. lodge, ks.

DATE <u>12-31-99</u>	SEC. <u>30</u>	TWP. <u>34</u>	RANGE <u>13</u>	CALLED OUT <u>9:00 A.M.</u>	ON LOCATION <u>12:30 P.M.</u>	JOB START <u>3:00 P.M.</u>	JOB FINISH <u>5:00 P.M.</u>
LEASE <u>Achenbach</u>		WELL # <u>A-2</u>		LOCATION <u>Hardtner, low-3/2n-4s</u>		COUNTY <u>Barber</u>	STATE <u>KS.</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Co. Tools OWNER Apollo Energies

TYPE OF JOB Perf. Squeeze

HOLE SIZE 7 7/8 T.D. _____

CASING SIZE 4 1/2 x 10.5 DEPTH _____

TUBING SIZE 2 3/8 x 4.70 DEPTH 4591

DRILL PIPE _____ DEPTH _____

TOOL Retainer DEPTH 4591

PRES. MAX 1300 MINIMUM 500

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. 4608-10

DISPLACEMENT 27 Bbls 2% KCL water

EQUIPMENT

CEMENT

AMOUNT ORDERED 3DSxGel, 7.5sxCLASS A
10% SALT, 100sxCLASS A + 10% SALT
2% Gel + 1/4 # Flo-Seal/sx 2qk. clay-flt

COMMON A	<u>135</u>	@	<u>6.35</u>	<u>857.25</u>
POZMIX	<u>40</u>	@	<u>3.25</u>	<u>130.00</u>
GEL	<u>32</u>	@	<u>9.50</u>	<u>304.00</u>
CHLORIDE		@		
SALT	<u>18</u>	@	<u>7.00</u>	<u>126.00</u>
CLAPRO	<u>2</u>	@	<u>22.90</u>	<u>45.80</u>
Flo-Seal	<u>25*</u>	@	<u>1.15</u>	<u>28.75</u>
		@		
		@		
HANDLING	<u>175</u>	@	<u>1.05</u>	<u>183.75</u>
MILEAGE	<u>175 x 35</u>		<u>.04</u>	<u>245.00</u>

PUMP TRUCK CEMENTER Larry Dreiling

343 HELPER Justin Hart

BULK TRUCK

301 DRIVER Kevin Brungardt

BULK TRUCK

214 DRIVER Mark Brungardt

TOTAL \$1920.55

REMARKS:

Perfs 4608-10, Retainer 4591
Inj. Rate 2 Bbls 900 PSI. Strong Blow
mix + Pump 30sx Gel, 7.5sx CLASS A
10% SALT, 100sx CLASS A 60/40 2% Gel
10% SALT + 1/4 # Flo-seal/sk. Displace
18 Bbls. Stip out Retainer Pump
27 Bbls 2% KCL water Pull 2 JTs.

SERVICE

DEPTH OF JOB	<u>4610'</u>		
PUMP TRUCK CHARGE			<u>1214.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>35</u>	@	<u>2.85</u> <u>99.75</u>
PLUG		@	
Squeezemanifold		@	<u>75.00</u> <u>75.00</u>
		@	

TOTAL 1388.75

CHARGE TO: Apollo Energies

STREET _____

CITY KEVOMAN STATE KANSAS ZIP _____

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.

TAX _____

TOTAL CHARGE 3308.75

DISCOUNT 667.75 IF PAID IN 30 DAYS

~~#264900~~

SIGNATURE Jim Byers PRINTED NAME JIM BYERS

SIGNATURE Jim Byers

ORIGINAL

ALLIED CEMENTING CO., INC.

P.O. BOX 31
RUSSELL, KS 67665
PH (785) 483-3887
FAX (785) 483-5566

*
* I N V O I C E *

Invoice Number: 080354

Invoice Date: 12/31/99

Sold Appolo Energies, Inc.
To: 734-B N Four Wheel Dr.
Kingman, KS
67068

Cust I.D.....: Appo
P.O. Number...: Achenbach A-2
P.O. Date...: 12/31/99

Due Date.: 01/30/00
Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	135.00	SKS	6.3500	857.25	E
Pozmix	40.00	SKS	3.2500	130.00	E
Gel	32.00	SKS	9.5000	304.00	E
Salt	18.00	SKS	7.0000	126.00	E
ClaPro	2.00	SKS	22.9000	45.80	E
FloSeal	25.00	LBS	1.1500	28.75	E
Handling	175.00	SKS	1.0500	183.75	E
Mileage (35)	35.00	MILE	7.0000	245.00	E
175 sks @\$.04 per sk per mi					
Perf. Squeeze	1.00	JOB	1214.0000	1214.00	E
Mileage pmp trk	35.00	MILE	2.8500	99.75	E
Squeeze Manifold	1.00	EACH	75.0000	75.00	E

All Prices Are Net, Payable 30 Days Following
Date of Invoice. 1 1/2% Charged Thereafter.
If Account CURRENT take Discount of \$ 661.86
ONLY if paid within 30 days from Invoice Date

Subtotal: 3309.30
Tax.....: 0.00
Payments: 0.00
Total....: 3309.30

- 661.86
2647.44

PAID

CHECK NO 2014
AMOUNT 2647.44
DATE 1-11-2000

B before due