

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

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: TO BE DETERMINED

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: GABBERT-JONES, INC.

License: 5842

Wellsite Geologist: NA

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

9/18/94 9/29/94 12/6/94
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21,419-0000

County SEWARD

NE - NE - SW - SW Sec. 28 Twp. 33S Rge. 33 E W

1250 Feet from X (circle one) Line of Section

1250 Feet from X W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name PATTERSON "E" Well # 1H

Field Name HUGOTON

Producing Formation KRIDER

Elevation: Ground 2823 KB --

Total Depth 2648 PBTB 2648

Amount of Surface Pipe Set and Cemented at 525 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 ALT 1 8/11-6-95
(Data must be collected from the Reserve Pit)

Chloride content 122,373 ppm Fluid volume 700 bbls

Dewatering method used NATURAL 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.

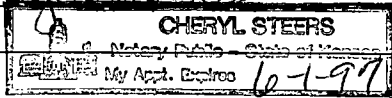
Signature Leslie I. Barnes

Title SR. TECHNICAL ASSISTANT Date 12/12/94

Subscribed and sworn to before me this 12 day of December, 1994.

Notary Public Cheryl Steers

Date Commission Expires _____



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)

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name PATTERSON "E" Well # 1H

Sec. 28 Twp. 33S Rge. 33 East West County SEWARD

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	B. STONE CORRAL	1610	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HOLLENBERG	2575	
List All E.Logs Run:	CEMENT BOND DUAL INDUCTION PRISM	HERRINGTON	2600	
		KRIDER	2631	
		-----TD 2648		
		WINFIELD		} NOT LOGGED
		TOWANDA		
		FT. RILEY		
		FLORENCE		
		WREFORD		
		COUNCIL GROVE		

CASING RECORD <input checked="" type="checkbox"/> New <input 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	17 1/2	13 3/8	48	525	75/25 POZMIX/ CLASS H	360/150	2%CC, 1/4#SX FLOC/ 2%CC, 1/4#SX FLOC
PRODUCTION	7 7/8	5 1/2	15.5	2562 2556	CLASS "C"/ CLASS "C"	450/40	20%DCD, 2%CC, 1/4# SX FLOC/10%DCD, 2%CC, 1.4#/SX FLOCELE
SLOTTED LINER		4 1/2		2515-2640			

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
	SLOTTED LINER 2562'-2648'	FRAC DN 2 7/8" TBG W/500 GAL 30# CROSSLINKED PREPAD & 16,000 GAL 30# LINEAR GELLED 2% KCL WTR & 38,000" 20/40 SAND
		2580'

TUBING RECORD	Size 2 3/8	Set At 2608	Packer At	Liner Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. SI WO PIPELINE	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil -- Bbls.	Gas 195 Mcf	Water 46 Bbls.	Gas-Oil Ratio --	Gravity --
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) SLOTTED LINER 2515-2640'

Production Interval: 2562-2648 OA

GABBERT-JONES, INC.
WICHITA, KANSAS

- DRILLERS' WELL LOG -

ORIGINAL

WELL NAME: Patterson E-1H
Sec 28-33S-33W
Seward County, Kansas

API#15-175-21419-0000

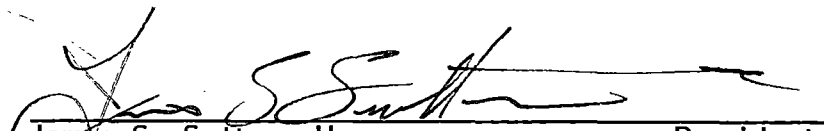
COMMENCED: 9/18/94
COMPLETED: 9/30/94
OPERATOR: Anadarko Petroleum Corp.

DEPTH		FORMATION	REMARKS
From	To		
0	525	Sand-Clay	Ran 12 jts of 48# 13 3/8"
525	1089	Redbed	csg set @ 525 w/360 sks
1089	1200	Glorietta Sand	75/25 Posmix 2% CC 1/4#
1200	1588	Redbed-Shale	Cellophane - 150 sks
1588	2030	Anhy-Redbed	Class H 2% CC
2030	2275	Anhy	1/4# Cellophane
2275	2557	Shale	PD @ 12:00AM 9/19/94
	2557 TD		Ran 60 jts of 15 1/2# 5 1/2" csg set @ 2557' w/450 sks Prem Plus w/20% Diacel "D" 2% CC 1/4# Cellophane 40 sks Prem Plus 10% Diacel "D" 2% CC 1/4# Cellophane PD @ 9:45PM 9/30/94

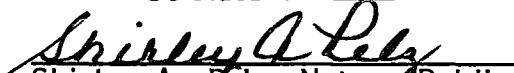
STATE OF KANSAS]
COUNTY OF SEDGWICK]

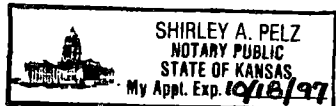
I, the undersigned, being sworn on oath, state that the above Drillers' Well log is true and correct to the best of my knowledge and belief and according to the records of this office.

GABBERT-JONES, INC.


James S. Sutton, II President

Subscribed & sworn to before me this 7th day of October, 1994


Shirley A. Pelz, Notary Public
My commission expires:
October 18, 1997



RECEIVED
STATE CORPORATION COMM
DEC 15 1994
CORPORATION DIV
WICHITA

WELL DATA

FIELD _____ SEC. 28 TWP. 33.5 RNG. 33w COUNTY SEWARD STATE KS

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	15.5	5 1/2	GL	2556 21094	
LINER						
TUBING						
OPEN HOLE			7 7/8	1760'	2560	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-30-94</u>	DATE <u>9-30-94</u>	DATE <u>9-30-94</u>	DATE <u>9-30-94</u>
TIME <u>1330</u>	TIME <u>1550</u>	TIME <u>2036</u>	TIME <u>2150</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>INSRT/Fill-up 5K</u>	<u>1</u>	<u>Howco</u>
FLOAT SHOE		
GUIDE SHOE <u>REG</u>	<u>1</u>	<u>"</u>
CENTRALIZERS <u>REG</u>	<u>6</u>	<u>"</u>
BOTTOM PLUG		
TOP PLUG <u>SW</u>	<u>1</u>	<u>"</u>
LEAD <u>M.F</u>	<u>1</u>	<u>"</u>
PACKER <u>weld-A</u>	<u>1</u>	<u>"</u>
OTHER <u>Basket</u>	<u>1</u>	<u>"</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Payer</u>	<u>40048 / P.V.</u>	<u>Liberal, ks</u>
<u>J. Woodrow</u>	<u>71690 / 75TC-4</u>	<u>" "</u>
<u>M. Howe</u>	<u>4611 / Bulk</u>	<u>Hugoton, ks</u>
<u>J. Widner</u>	<u>5303 / Bulk</u>	<u>" "</u>
<u>S. Porter</u>	<u>5302 / Bulk</u>	<u>" "</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API
DISPL. FLUID _____ DENSITY _____ LB./GAL. °API
PROP. TYPE _____ SIZE _____ LB.
ACID TYPE _____ GAL. _____ %
SURFACTANT TYPE _____ GAL. _____ IN
NE AGENT TYPE _____ GAL. _____ IN
FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
GELLING AGENT TYPE _____ GAL.-LB. _____ IN
FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
BREAKER TYPE _____ GAL.-LB. _____ IN
BLOCKING AGENT TYPE _____ GAL.-LB. _____
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

DEPARTMENT 5001
DESCRIPTION OF JOB Set production csq
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X [Signature]
HALLIBURTON OPERATOR Tom Payer COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>450</u>	<u>PREM t</u>		<u>B</u>	<u>20% Diacel-D, 2% CC, 1/4 1/2x Flocale</u>	<u>2.69</u>	<u>12</u>
	<u>40</u>	<u>PREM t</u>		<u>B</u>	<u>10% Diacel-D, 2% CC, 1/4 1/2x Flocale</u>	<u>2.09</u>	<u>13</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. 20-30-20 TYPE 2kel-M.F.-2lo kel
BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 59.7
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 215.6 + 14.9
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET 44.74 REASON SHOE JT

CUSTOMER Avadako
LEASE Patterson 'E'
WELL NO. 1H
JOB TYPE 5K 6.5
DATE 9-30-94



CHARGE TO: Anadarko
 ADDRESS:
 CITY, STATE, ZIP CODE:

COPY

TICKET

wp

No.

635291 - 8

PAGE 1 OF 2

FORM 1906 R-13

1. SERVICE LOCATIONS <u>25540</u>	WELL/PROJECT NO. <u>1-H</u>	LEASE <u>PATTERSON</u>	COUNTY/PARISH <u>SEWARD</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>7.30-94</u>	OWNER
2. <u>25535</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>B + J</u>	RIG NAME/NO. <u>= 9</u>	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>well site</u>	ORDER NO.
3.	WELL TYPE <u>02</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>035</u>	WELL PERMIT NO.	WELL LOCATION <u>LAND (28-355-23...)</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>000-111</u>					MILEAGE	<u>EA</u>	<u>mi</u>	<u>27</u>	<u>mi</u>	<u>2.75</u>	<u>121.00</u>
<u>001-016</u>					Pump Chg.	<u>6</u>	<u>HRS</u>	<u>2556</u>	<u>FT</u>		<u>1455.00</u>
<u>030-018</u>					Top plug	<u>1</u>	<u>EA</u>	<u>5 1/2</u>	<u>IN</u>		<u>65.00</u>
<u>12A</u>	<u>875.705</u>				Guide star	<u>1</u>	<u>EA</u>	<u>5 1/2</u>	<u>IN</u>		<u>121.00</u>
<u>24A</u>	<u>815.19251</u>				insert float						<u>110.00</u>
<u>27</u>	<u>815.19311</u>				Fill Assy						<u>55.00</u>
<u>370</u>	<u>606.90000</u>				Block						<u>110.00</u>
<u>350</u>	<u>890.10802</u>				1" well-A	<u>4</u>	<u>1lb</u>				<u>114.80</u>
<u>40</u>	<u>806.60022</u>				Centralizer	<u>1</u>	<u>1lb</u>			<u>44.00</u>	<u>-264.80</u>

ORIGINAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.**

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE
X E.E. Dettmer

DATE SIGNED _____ TIME SIGNED _____ A.M. P.M.

do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <u>22,055.50</u>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	<input checked="" type="checkbox"/>				
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?	<input checked="" type="checkbox"/>				FROM CONTINUATION PAGE(S) <u>11843.79</u>
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	<input checked="" type="checkbox"/>				
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	<input checked="" type="checkbox"/>			
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>14049.80</u>
		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) E.E. DETTMER CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X E.E. Dettmer HALLIBURTON OPERATOR/ENGINEER Tom Pryor EMP # 48120 HALLIBURTON APPROVAL

TICKET CONTINUATION

DUNCAN COPY

DC 134

TICKET No. 1635291

HALLIBURTON ENERGY SERVICES

CUSTOMER APC	WELL Patterson "E"	DATE 9-30-94	PAGE 7	OF 7
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ation is made from 1911 R-10
ston, Tex

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-050	516.00265				Premium Plus Cement	490	sk			11 19	5483 10
507-210	890.50071				Flocele	135	LB			1 65	222 75
509-406	890.50812				Calcium Chloride	11	sk			36 75	404 25
500-959	70.15524				Diacel D	8900	LB			42	3738 00
ORIGINAL											
500-207					SERVICE CHARGE			CUBIC FEET	1045	1 35	1410 75
500-306					MILEAGE CHARGE	TOTAL WEIGHT	55,975	LOADED MILES	22	TON MILES	615.725
										95	584 94

No. B 262951

CONTINUATION TOTAL 11843.79



OG HAL-2013-C

on of Halliburton
to be supplied

WELL NO. E1-H LEASE P. Peterson JOB TYPE 13 3/8 Service TICKET NO. 635216

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1730							Time called
	NOW							Time Ready
	1930							Time on deck Pig Create the Hole More Start Pump Casing
								Casing in Hole
	2250							Hookup to Circulate Casing
	2300							Circulate Casing w/ Pump
	2302							Circulate Mud to Break Level
	2310							Hookup to Pump Truck
	2315	5.6				100		Start Mixing Cement
	2329		80 ⁴¹			150		Start Tail Cement
	2333		28 ³¹			150		Finish Mixing Cement
	2334		108 ⁷²			150		Shot Down Osgo Plug
	2335	6				100		Start Displacement
	2355	3.8	76.59			250/300		Plug Down wash Pumps & Lines
								Circulate Cement to the PT Shot in Hole. Float Did NOT Hold

ORIGINAL

Thanks for getting Halliburton Energy Services Crew

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY Sevier STATE Ks

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD.WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
13 3/8 Insert Float	1	Howo
Float Shoe	1	
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 9-18	DATE 9-18	DATE 9-18	DATE 9-18
TIME 1730	TIME 1930	TIME 2250	TIME 2355

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
D. Corie	140075	Krebsville Ks
R. Elwood	59179	" "
R. Anderson	24360	7848
J	50737	5839
		6612

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API

DISPL. FLUID _____ DENSITY _____ LB./GAL. °API

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

DEPARTMENT Cement

DESCRIPTION OF JOB 13 3/8 Surface

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X Dennis Gore

HALLIBURTON OPERATOR Dennis Gore COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	360	15/25 Poz	Premium	280 Total Gal	280 CC 1/4 # Floccle	1.29	145
	150			280 CC	1/4 # Floccle	1.06	16.4

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 76.59

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 108.72

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 4672 REASON Shoe bit

CUSTOMER: Amelakko Petroleum Corp
 WELL NO: E-1-H
 JOB TYPE: 13 3/8 Surface
 DATE: 9



HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

CHARGE TO: Anadarko Petroleum Corp
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

COPY

TICKET

No. 635216 - X

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>25540 Libersville</u>	WELL/PROJECT NO. <u>1-H</u>	LEASE <u>Patterson E</u>	COUNTY/PARISH <u>Sevier Ks</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION	DATE <u>9-18-94</u>	OWNER <u>Anadarko</u>
2. SERVICE LOCATIONS <u>25505 Higdon Ks</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input checked="" type="checkbox"/> YES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA <u>Loc.</u>	DELIVERED TO	ORDER NO.
3.	<input type="checkbox"/> SALES	<input checked="" type="checkbox"/> NO	WELL TYPE	WELL CATEGORY <u>02 03</u>	JOB PURPOSE <u>010 13 1/2 SURFACE</u>	WELL PERMIT NO.	WELL LOCATION <u>Wof Libers</u>
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1			MILEAGE	16	Miles			2.75	44.00
001-016		1			Pump charge	52.5	FT				890.00
030-018		1			Sub Top Pkg	1	Each				335.00
24A	815-19701	1			Insect Float	1	Each	13%		400.00	400.00
27	815-19615	1			F.L.P.	1	Each	"		65.18	65.18
350	890-10802	1			Hard weld A	1	Each			14.50	14.50

ORIGINAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: X [Signature]

DATE SIGNED: _____ TIME SIGNED: _____

A.M. P.M.

do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <u>1748 50</u>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				FROM CONTINUATION PAGE(S) <u>6781 77</u>	
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND	
TREE CONNECTION	TYPE VALVE						

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <u>[Signature]</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X [Signature]</u>	HALLIBURTON OPERATOR/ENGINEER <u>[Signature]</u>	EMP # <u>59179</u>	HALLIBURTON APPROVAL
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TICKET CONTINUATION

DUNCAN COPY

TICKET No. 635216

HALLIBURTON ENERGY SERVICES

CUSTOMER APC

WELL Patterspn

DATE 9-18-94

PAGE OF

FORM 1911 R-10

74 PLC

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-043	516.00272				Premium Cement 360 cu.ft. 75/25 Poz	150	sk			10.61	1591.50
504-043	516.00272				Premium Cement	270	sk			10.61	2864.70
504-105	516.00286				Pozmix A	6660	lb			0.74	492.84
506-121	516.00259				Gel 2%	6	sk				NC
507-210	890.50071				Flocele 1/4"/510sk	128	lb			1.65	211.20
509-406	890.50812				Calcium Chloride 2%/510sk	9	sk			36.75	330.75
ORIGINAL											
500-207					SERVICE CHARGE					1.35	724.95
306					MILEAGE CHARGE					95	565.82
					TOTAL WEIGHT	47,648					
					LOADED MILES	25					
					CUBIC FEET	537					
					TON MILES	595.60					

262889

CONTINUATION TOTAL

6781.77