

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: NORESEMAN DRILLING, INC.

License: 3779

Wellsite Geologist: NA

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  S10W  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 \_\_\_\_\_ PBSD  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

6/28/94 8/9/94 NA\*  
Spud Date Date Reached TD Completion Date  
\*10/13/94 IN PROCESS OF COMPLETING

API NO. 15- 189-21,756-0000 ORIGINAL

County STEVENS

SW - SW - NE - SW Sec. 4 Twp. 33S Rge. 38 X W

1390 Feet from SX (circle one) Line of Section

1390 Feet from XW (circle one) Line of Section

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

Lease Name YOUNGGREN "J" Well # 1H

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3174.2 KB 3185.2

Total Depth 3200 PBSD 2880

Amount of Surface Pipe Set and Cemented at 2405 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 JH 5-5-95  
(Data must be collected from the Reserve Pit)

Chloride content 600 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 confidentially 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.

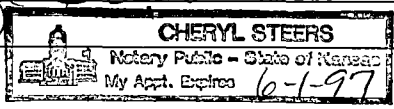
Signature Leslie I. Barnes  
LESLIE I. BARNES

Title SR. TECHNICAL ASSISTANT Date 10/20/94

Subscribed and sworn to before me this 20th day of October, 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)

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name YOUNGGREN "J" Well # 1H

Sec. 4 Twp. 33S Rge. 38  East  West  
 County STEVENS

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.)

Log Formation (Top), Depth and Datums  Sample  
 Name Top Datum  
 SEE ATTACHMENT

CEMENT BOND  
 List All E.Logs Run: INTEGRATED POROSITY  
 LITHO-DENSITY DUAL LATEROLOG  
 ARRAY INDUCTION MONITOR  
 SEGMENTED BOND DIPOLE SHEAR SONIC  
 HIGH RESOLUTION NATURAL GAMMA  
 INDUCTION  
 GAMMA RAY DEPTH TEMPERATURE

CASING RECORD  New  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	2405 <del>2335</del>	75/25 POZMIX/ CLASS "H"	1560/150	2%CC, 1/4#SX FLOC/ 2%CC, 1/4#SX FLOC
PRODUCTION	7 7/8	5 1/2	15.5	3200	CLASS "C"	135	10#/SX MICROBOND, 15%NACL, .6%HALAD 322, 1/4#/SX FLOC

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
2	2946-2953	SPOT 200 GALS 15% FEHCL ACID 2946-53
	CIBP @ 2880'	
2	2763-66, 2734-37, 2686-96	

TUBING RECORD Size 2 3/8 Set At 2850' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. SI, IN PROCESS OF COMPLETING \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours Oil -- Bbls. Gas -- Mcf Water -- Bbls. Gas-Oil Ratio -- Gravity --

Disposition of Gas: METHOD OF COMPLETION  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  Open Hole  Perf.  Dually Comp.  Commingled NOT AVAILABLE  
 Other (Specify) \_\_\_\_\_

**JOB LOG** FORM 2013 R-4

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Amuloko PET		T 1 H		Youngren		5 1/2 Longstring		677900	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	1100								called out ORIGINAL
	1400								on Location Requested 1430 Rig up Safety meeting
									Run pipe
	1745								Drop Ball for Auto Fill
	1755				✓		150		Circulate with Rig Pump
	1810								Hook up Cement Line
	1814	6	10		✓		200		Pump KCL Water
	1816	6	20		✓		200		Pump mud flush -
	1820	6	10		✓		200		Pump KCL Water
	1822	6	36.7		✓		200		START Cement
	1834								Wash out Lines
	1837								Release Plug
	1838	6	75.5		✓		150/600		Displace Plug
	1853	1			✓		1300		Land plug
	1854								Release psi Check float ok
									Job complete

49-250



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

mid cont  
Liberal ks

BILLED ON TICKET NO. 677400

## WELL DATA

FIELD \_\_\_\_\_ SEC \_\_\_\_\_ TWP \_\_\_\_\_ RNG \_\_\_\_\_ COUNTY STAVAN 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	<input checked="" type="checkbox"/>	155	5.00	KB	2216	
LINER	<input type="checkbox"/>					
TUBING	<input type="checkbox"/>					
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## JOB DATA

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>H.T. 4.11</u>		<u>H</u>
FLOAT <u>INSERT FIRST</u>	<u>1</u>	<u>6</u>
GUIDE SHOE <u>REG</u>	<u>1</u>	<u>6</u>
CENTRALIZERS <u>SEI</u>	<u>20</u>	<u>6</u>
BOTTOM PLUG		<u>C</u>
TOP PLUG <u>SW</u>	<u>1</u>	<u>D</u>
HEAD <u>PC</u>	<u>1</u>	
PACKER		
OTHER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-12-94</u>	DATE <u>8-12-94</u>	DATE <u>8-12-94</u>	DATE <u>8-12-94</u>
TIME <u>11:00</u>	TIME <u>14:10</u>	TIME <u>18:14</u>	TIME <u>19:54</u>

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>O Nicholas</u>	<u>40078</u>	<u>Liberal</u>
<u>W Fox</u>	<u>4933</u>	
<u>D Heston</u>	<u>5760</u>	
<u>M Lewis</u>	<u>50737</u>	
<u>G J 896</u>	<u>4734</u>	<u>Hugoton</u>
<u>M Heston</u>	<u>21568</u>	

### MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL \_\_\_\_\_ %

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 Cement

DESCRIPTION OF JOB 5 1/2" Long string

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X O Jahn Sherry

HALLIBURTON OPERATOR Orville Z. Nicholas COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>135</u>	<u>Prem Plus</u>			<u>10% micro bind 1 1/2 CC 1/10% Hulsid 322</u> <u>1/4% Floccle 15% SOFT</u>		

### PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

REATING \_\_\_\_\_ DISPL \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

REASON Shut Job

### SUMMARY

PRESLUSH: BBL. 5.1 TYPE KCL

LOAD & BKDN: BBL. 20 mud flush

TREATMENT: BBL. 10 BBL KCL

CEMENT SLURRY: BBL. 36.7

TOTAL VOLUME: BBL. 75.5

### REMARKS

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

CUSTOMER \_\_\_\_\_

LEASE Youngren

WELL NO. T-1 H

JOB TYPE 5 1/2" Long string

DATE 8/12/94



CHARGE TO: A. J. K. O. P. T. L. L. C.  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: Liberty, KS

COPY 6

TICKET WP  
 No. **677900 - 3**

FORM 1906 R-13

PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO. <u>I 1 F</u>	LEASE <u>V. D. D. 109</u>	COUNTY/PARISH <u>SE. Lincoln</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>8-12-74</u>	OWNER <u>Sumie</u>
1. <u>24</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR <u>McGowan</u>	RIG NAME/NO. <u>1</u>	SHIPPED VIA	DELIVERED TO <u>Location</u>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE <u>055 Sh. Long Term</u>	WELL PERMIT NO.	WELL LOCATION <u>West Hinton</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

ORIGINAL

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOG	ACCT	DF							
10-117		1			MILEAGE	74	mi			2.75	203.50
001-011		1			Pump Charge	20	hr				1500.00
214-113		1			Chy rx @	2	gal			24.00	48.00
015-215					rod flush	840	gal			.65	546.00
02-110		1			Surface Plug	1	EO	5h	1m		15.00
12-A	935-115	1			Guido - Line	1	EO	5h	1m		121.00
21-A	935-117-21	1			Insert Flt	1	EO	5h	1m		110.00
27	935-118-11				Auto fill	1	EO	5h	1m		55.00
40	935-119-11	1			Cont. - 112	20	EO	5h	1m	44.50	890.00

<b>LEGAL TERMS:</b> Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, <b>PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY</b> provisions.			SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		<b>SURVEY</b> <input checked="" type="checkbox"/> <b>AGREE</b>		<input type="checkbox"/> UN-DECIDED	<input type="checkbox"/> DIS-AGREE	<b>PAGE TOTAL</b> 2528.50
CUSTOMER OR CUSTOMER'S AGENT SIGNATURE <b>X</b>			TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? <input checked="" type="checkbox"/>				
DATE SIGNED <u>8-12-74</u> TIME SIGNED <u>15:05</u> <input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M.			BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS? <input checked="" type="checkbox"/>				<b>SUB-TOTAL</b> 7209.30
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered			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 type="checkbox"/> YES <input type="checkbox"/> NO				
					<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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
	<b>X</b>	<u>Conrad Z. ...</u>	<u>41525</u>	





JOB LOG FORM 2013 R-4

DATE 7/1/92  
TICKET NO. 677809

CUSTOMER: ANNICKARD PIT WELL NO.: 1A LEASE: YOUNGMAN 3 JOB TYPE: 8 7/8 SURFACE

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							JOB READY
	0730							CALLED OUT FOR JOBS
	1100							PUMP TRUCK ON LOCATION RIG STILL DRILLING, SET UP PUMP TRUCK
	1510							RIG THROUGH DRILLING 2445' OF 12 1/4" HOLE O.O. BOTTOM CIRCULATING
	1545							TRIP OUT DRILL PIPE
	1820							RUN LOGGING TOOL IN HOLE
	1720							THROUGH LOGGING
	2015							START RUNNING 2 1/2" SURFACE CASING & FLOAT EQUIPMENT
								CASING ON BOTTOM
								HOOK UP PIG - CIRCULATING TRAIL
	2215							START CIRCULATING WITH AIR PUMP THROUGH CIRCULATING
								HOOK UP TO PUMP TRUCK
	2235	8.0	358			2000		START MIXING LEAD CEMENT
		8.0	28.9			300		START MIXING TAIL CEMENT
			326					THROUGH MIXING CEMENT
								SLOW DOWN
								RELEASE PLUG
	2332	7.0				350		START DISPENSING
								MIX 40 BBLS DISPENSED HAVE CMT RETURNS TO SURFACE
	2400		152			1300		PLUG DOWN
								RELEASE FLOAT
								FLOAT HUNG
								CIRCULATED 110 BBLS 477 SKS CMT
								THANK YOU
								WOODY TYLER (CREW)

ORIGINAL



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

IN 1 COMPANY  
LIBRAN, KS

BILLED ON TICKET NO. 67700

## WELL DATA

FIELD \_\_\_\_\_ SEC 4 TWP. 33 RING. 2 COUNTY STURGIS 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	11	74	4 1/2	102	1414	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

# ORIGINAL

## JOB DATA

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>8 1/2</u>	<u>1</u>	<u>HALCO</u>
CENTRALIZERS	<u>7</u>	<u>12</u>
BOTTOM PLUG		
TOP PLUG <u>5 1/2</u>	<u>1</u>	
HEAD		
PACKER <u>8 1/2</u>	<u>1</u>	
OTHER <u>ALF</u>	<u>1</u>	

CALLS OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>7-1-74</u>	DATE <u>7-1-74</u>	DATE <u>7-1-74</u>	DATE <u>7-1-74</u>
TIME <u>7:50</u>	TIME <u>10:15</u>	TIME <u>2:35</u>	TIME <u>2:40</u>

### MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

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 \_\_\_\_\_

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. D. ...</u>	<u>4448</u>	<u>LIBRAN</u>
<u>J. DAVIS</u>	<u>2276</u>	<u>KS</u>
<u>...</u>	<u>...</u>	<u>...</u>
<u>...</u>	<u>...</u>	<u>...</u>
<u>...</u>	<u>...</u>	<u>...</u>

DEPARTMENT CEMENT

DESCRIPTION OF JOB CEMENT SURFACE

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

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR J. D. ... COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>1200</u>	<u>...</u>	<u>...</u>	<u>...</u>	<u>...</u>		
	<u>1200</u>	<u>...</u>	<u>...</u>	<u>...</u>	<u>...</u>		

### SUMMARY

PRESSURES IN PSI \_\_\_\_\_

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 38716

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. 305 FC

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_ CEMENT LEFT IN PIPE \_\_\_\_\_

FEET 71 REASON INJECT

REMARKS \_\_\_\_\_

LEASE WELL NO. JOB TYPE DATE





# HALLIBURTON

## HALLIBURTON ENERGY SERVICES

CHARGE TO:  
*ANA-LARKO PETROLEUM CORP*

ADDRESS:  
*[Blank]*

CITY, STATE, ZIP CODE:  
*[Blank]*

COPY *file*

TICKET *ADP*  
No. **677809 - 0**

PAGE **1** OF **2**

FORM 1906 R-13

SERVICE LOCATIONS 1. <i>025-90 48000</i>	WELL/PROJECT NO. <i>14</i>	LEASE <i>VANIGREN 'J</i>	COUNTY/PARISH <i>STEVENS</i>	STATE <i>KS</i>	CITY/OFFSHORE LOCATION <i>WAGONMOUNT</i>	DATE <i>7-1-94</i>	OWNER <i>S.M.P.</i>
2. <i>025-90 48000</i>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR <i>WAGONMOUNT DRILLING</i>	RIG NAME/NO.	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>WELL SITE</i>	ORDER NO.
3.	WELL TYPE <i>01 OIL</i>	WELL CATEGORY <i>01 DEVELOPMENT</i>	JOB PURPOSE <i>210" 8 3/8 SURFACE</i>	WELL PERMIT NO.	WELL LOCATION <i>1447</i>		
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	2	mi	2		275	44 00
001 016		1			DUMP CHARGE	24	FT			1490 00	1490 00
00 007		1			SUB TOP PLUG	1	EA	2 3/8	IN	131 00	131 00
12A	925-217	1			REGULAR CEMENT SLURRY	1	EA	2 3/8	IN	171 00	171 00
24A	915-17502	1			INSERT FRONT	1	EA	8 3/8	IN	216 00	216 00
37	915-17415	1			FILL UP RIG	1	EA	1.50	IN	55 00	55 00
40	916-41648	1			CENTRALIZER	13	EA	8 3/8	IN	65 00	780 00
320	916-30061	1			BASKET	1	EA	3 3/8	IN	122 00	122 00
350	916-5302	1			SHOCK WIRE A	1	EA	1	LB	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  
*[Signature]*

DATE SIGNED *7/2/94* TIME SIGNED *12:07*  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	<b>SURVEY</b>	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	3023 50
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			FROM CONTINUATION PAGE(S)	19966 79
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?				
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?				22990 49
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO			<b>SUB-TOTAL</b>	
		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			APPLICABLE TAXES WILL BE ADDED ON INVOICE	

**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) <i>B. H. Dixon</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>[Signature]</i>	HALLIBURTON OPERATOR/ENGINEER <i>[Signature]</i>	EMP # <i>62573</i>	HALLIBURTON APPROVAL
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