

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

API NO. 15- 189-22023-0000 **ORIGINAL**

County STEVENS

NW - NW - SE - SW Sec. 34 Twp. 34 Rge. 38 E  
X W

1250 Feet from X/S (circle one) Line of Section

3890 Feet from E/X (circle one) Line of Section

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

Lease Name MORRIS "I" Well # 1H

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3190.2 KB --

Total Depth 3028 PBD 3008

Amount of Surface Pipe Set and Cemented at 603 Feet

Multiple Stage Cementing Collar Used? Yes X 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 97 1-27-97  
(Data must be collected from the Reserve Pit)

Chloride content 9100 ppm Fluid volume 400 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name MAR 1 A 3-15-96

Lease Name MAR 1 A License No. \_\_\_\_\_

Quarter 1 Sec. 1 Twp. 34 S Rng. 38 E/W

County CON Docket No. \_\_\_\_\_

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: ANADARKO TRADING COMPANY

Operator Contact Person: J. L. ASHTON

Phone ( 316 ) 624-6253

Contractor: Name: BIG A DRILLING

License: 31572

Wellsite Geologist: NA

Designate Type of Completion  
X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW \_\_\_\_\_ Temp. Abd.  
X Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_  
Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth 1997

Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD  
Plug Back \_\_\_\_\_ PBD  
Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
Other (SWD or Inj?) Docket No. \_\_\_\_\_

1-19-96 \_\_\_\_\_ 1-24-96 \_\_\_\_\_ 2-15-96 \_\_\_\_\_  
Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

**CONFIDENTIAL**

**RELEASED**

JUL 31 1997

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RECEIVED  
KANSAS CORP COM

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 David W. Kapple  
Title DIVISION DRILLING ENGINEER Date 3/14/96  
Subscribed and sworn to before me this 14th day of March, 1996.  
Notary Public L. Marc Harvey  
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: MORRIS "I" Well # 1H  
 Sec. 34 Twp. 34 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 (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 Name Top Datum GLORIETTA 1185 B/STONE CORRAL 1725 HOLLENBURG 2590 HERRINGTON 2625 KRIDER 2655 ODELL 2700 WINFIELD 2710 TOWANDA 2769 FT RILEY 2832 WREFORD 2925 COUNCIL GROVE 2940
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
List All E.Logs Run: CBL, DIL, CNL-LDT, ML, MSFL, SGR.		

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	12-1/4	8-5/8	24	603	P+ MIDCON/P+	80//160	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC
PRODUCTION	7-7/8	5-1/2	15.5	3017	P+ 12PPG/13PPG	175/100	20% DCD, 2%CC/ 10% DCD, 2%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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
		1	2934-2944, 2834-2850, 2814-2821, 2782-2790, 2798-2802, 2725-2735, 2666-2676, 2626-2634, 2590-2598.
3	2834-2868, 2782-2764, 2713-2749, 2655-2696.	NONE	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. FIRST 2-27-96		Producing Method <input checked="" 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 Production:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_  
 Production Interval: 2590-2944 (OA)



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATIONMID CONTINENT  
LIBERAL, KS

BILLED ON TICKET NO. 919755

## WELL DATA

FIELD \_\_\_\_\_ SEC. 34 TWP. 34S RNG. 38W COUNTY STEVENS 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 603

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>23'</u>	<u>8 7/8</u>	<u>KB</u>	<u>615</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

# ORIGINAL

## JOB DATA

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT-SHOE <u>INSERT</u> <u>8 7/8</u>	<u>1</u>	<u>H</u>
GUIDE SHOE <u>TEX PAT</u> <u>8 7/8</u>	<u>1</u>	
CENTRALIZERS <u>8 7/8</u>	<u>3</u>	<u>O</u>
BOTTOM PLUG		
TOP PLUG <u>5" W</u> <u>8 7/8</u>	<u>1</u>	<u>W</u>
HEAD <u>P/C</u> <u>8 7/8</u>	<u>1</u>	
PACKER		<u>C</u>
OTHER <u>BASKET</u> <u>8 7/8</u>	<u>1</u>	<u>O</u>

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
<u>1-19-96</u>	<u>1-20-96</u>	<u>1-20-96</u>	<u>1-20-96</u>
DATE	DATE	DATE	DATE
TIME <u>2330</u>	TIME <u>0145</u>	TIME <u>0575</u>	TIME <u>0535</u>

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Woodrow</u> <u>62573</u>	<u>420044</u> <u>PIU</u>	<u>LIBERAL</u> <u>KS</u>
<u>T. POYER</u> <u>48120</u>	<u>53554/75164</u> <u>ADC</u> <u>176905</u>	<u>"</u> <u>"</u>
<u>D. CORPENING</u> <u>11241</u>		<u>HUGOTON</u> <u>KS</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 \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

# CONFIDENTIAL

# RELEASED

JUL 31 1997

# FROM CONFIDENTIAL

DEPARTMENT CEMENTDESCRIPTION OF JOB CEMENT 8 7/8 SURFACE CASINGJOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN CUSTOMER REPRESENTATIVE X O. J. ...HALLIBURTON OPERATOR J. Woodrow COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./BK.	MIXED LBS./GAL.
	<u>80</u>	<u>Midcon 3</u>	<u>HALCO</u>	<u>B</u>	<u>37 CC 1/4 FROGLER</u>		<u>3.22</u>
	<u>120</u>	<u>PREMIUM T</u>	<u>4</u>	<u>B</u>	<u>22 CC 1/4 FROGLER</u>	<u>MAR 1 A</u>	<u>14.8</u>

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

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

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

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

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

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

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

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

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

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

FEET 42 REASON SHOE JOINT

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

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

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. 36.5

CEMENT SLURRY BBL.-GAL. 45.8 LC  
28.2 TC

TOTAL VOLUME: BBL.-GAL. 74.0 REMARKS \_\_\_\_\_

CUSTOMER ANADARDO Petroleum

LEASE MORRIS

WELL NO. 1-H

JOB TYPE 8 7/8 SURFACE

DATE 1-19-96

**JOB LOG** HAL-2013-C

CUSTOMER <b>ANADARKO PETROLEUM</b>	WELL NO. <b>1-11</b>	LEASE <b>MORRIS T</b>	JOB TYPE <b>8 5/8 SURFACE CSG</b>
			TICKET NO. <b>919755</b>

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

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	2315							Job Ready Now
	2330							ORIGINAL CALLED OUT FOR JOB
	0145							PUMP TRUCK ON LOCATION - RIG GOING IN HOLE TO MAKE WIPER TRIP.
	0300							SET UP PUMP TRUCK TRIP OUT DRILL PIPE
	0335							RIG UP TO RUN CASING
	0450							START RUNNING 8 7/8 CSG + FLOAT EQUIPMENT CASING ON BOTTOM 615' / Hook up 8 7/8 P/C + CIRCULATING IRON
	0500							START CIRCULATING WITH RIG PUMP
	0510							HOLD SAFETY MEETING THROUGH CIRCULATING / Hook up to pump truck
	0515	6.4	46.0				180/150	START MIXING 80 SKS LEAD CMT AT 11.1 <sup>49'</sup> TFC
	0526	6.0	28.0				150/100	START MIXING 120 SKS TAIL CMT AT 14.8 <sup>49'</sup> TFC
	0530	6.0	74.0				0	THROUGH MIXING CEMENT - SHUT DOWN RELEASE PLUG / START DISPLACING
			20.0					HAVE 20 BALLS OUT - HAVE CMT RETURNS TO SURFACE
	0535		36.5				600	PLUG DOWN / RELEASE FLOAT FLOAT HOLD CIRCULATED (16 BALLS 28 SKS)
	0630							OFF LOCATION

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THANK YOU!  
CML US AGAIN

Woody + TOM

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JUL 31 1997

FROM CONFIDENTIAL

ON LOCATION TIME - 4 HRS 45 MIN  
PUMP TIME - 20 MIN



CHARGE TO:  
**ANADARKO Petroleum**  
 ADDRESS  
 CITY, STATE, ZIP CODE

DUNCAN COPY

TICKET

No. **919755 - 1**

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

HAL-1906-N

SERVICE LOCATIONS 1. <b>025540 LIBERAL</b> 2. <b>025535 HUGOTON</b>	WELL/PROJECT NO. <b>1-H</b>	LEASE <b>Morris I</b>	COUNTY/PARISH <b>STEVENS</b>	STATE <b>KS</b>	CITY/OFFSHORE LOCATION <b>HUGOTON</b>	DATE <b>7-20-97</b>	OWNER <b>SAMP</b>
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <b>BIG A DRIG</b>	RIG NAME/NO.	SHIPPED VIA <b>ET</b>	DELIVERED TO <b>WELL SITE</b>	ORDER NO.	
3. WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

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JUL 21 1997

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PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT.	DF		QTY.	UM	QTY.	UM	
000-117		1			MILEAGE	30	mi	2 EA	2 85	171 00
000-119		1			CREW MILEAGE	30	mi	2 EA	1 50	90 00
001-016		1			PUMP CHARGE	615	FT		890 00	890 00
030-018		1			5-W TOP PLUG	1	EA	8 7/8 IN	130 00	130 00
16A	830-2171	1			TEX PATTERN GUIDE SHOE	1	EA	8 7/8 IN	233 00	233 00
24A	815-19508	1			INSERT FLOAT VALVE	1	EA	8 7/8 IN	195 00	195 00
27	815-19415	1			FILL UP ASSY	1	EA	1.50 IN	64 00	64 00
41	806-61048	1			CENTRALIZER	3	EA	8 7/8 IN	61 00	183 00
320	806-71460	1			BASKET	1	EA	8 7/8 IN	124 00	124 00
350	870-10802	1			HOUSSO WELD A	1	EA	1 LB	16 75	16 75

ORIGINAL

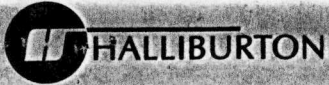
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<b>LEGAL TERMS:</b> Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, <b>PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY</b> provisions.  MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  X <i>C. J. Stuck</i> DATE SIGNED TIME SIGNED	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 <b>2096</b>  FROM CONTINUATION PAGE(S) <b>3564</b>  SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <b>5661</b>
	TYPE LOCK DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO	
	BEAN SIZE SPACERS	<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND	
	TYPE OF EQUALIZING SUB. CASING PRESSURE  TUBING SIZE TUBING PRESSURE WELL DEPTH  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) <b>O. J. Stuck</b>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <b>X O. J. Stuck</b>	HALLIBURTON OPERATOR/ENGINEER <i>John Woodman</i>	EMP # <b>62573</b>	HALLIBURTON APPROVAL
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# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

1110 - 40W7  
25540

BILLED ON TICKET NO. 919647  
KCC

CUSTOMER  
LEASE  
WELL NO.  
JOB TYPE  
DATE

## WELL DATA

FIELD Hosston SEC. 34 TWP. 34S RNG. 38W COUNTY STEVENS 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	A	155	5.5	KB	3031	
LINER						
TUBING						
OPEN HOLE			7 1/2	580	3031	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

## JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 1-25	DATE 1-25	DATE 1-25	DATE 1-25
TIME 0700	TIME 1050	TIME 1410	TIME 1650

## TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE w/FULL 5 1/2	1	Hosston
GUIDE SHOE		
CENTRALIZERS 1	15	
BOTTOM PLUG		
TOP PLUG 5-43		
HEAD		
PACKER		
OTHER		

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
KINSINGER	42044	LIBERAL
	52949	
NEIFERT	75476	"
	2461	
PORTER	75565	HOSSTON
	50502	
SCOTT	6617	"

MAR 1 1997  
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## 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 2 GAL CIA-FIX 99

OTHER 20 BBL MUD FLUSH

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RELEASED  
JUL 31 1997

DEPARTMENT 5001  
DESCRIPTION OF JOB 035

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

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	175	PLM Plus		B	20% DIMEC/2% AC/4% FLOCHE	2.71	12
2	100	PLM Plus		B	10% DIMEC/2% AC/4% FLOCHE	1.99	13

## 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 \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL 6

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

FEET \_\_\_\_\_ REASON INSERT FLOW SENS

## SUMMARY

PRESLUSH: BBL-GAL. 20-20 TYPE KCL 2% / MUD FL

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

TREATMENT: BBL-GAL. \_\_\_\_\_ DISPL: BBL-GAL. 72

CEMENT SLURRY: BBL-GAL. 120

TOTAL VOLUME: BBL-GAL. \_\_\_\_\_

## REMARKS

**JOB LOG** HAL-2013-C

 CUSTOMER: *ANADARKO* WELL NO.: *14* LEASE: *MORRIS T* JOB TYPE: *035* TICKET NO.: *919647*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

	1700							Change Revisited 1200
	1750							in location Re-rip. RDDP
	1715							T.H.H. of 5th 25L
	1700							Set on 5000m - Hook up to Cut Head
	1707							Re Pump To Case.
	1722							hole Circulate
	1732							Set mud Pump down - Hook up to Cut
								Line
	1434	4	10		✓		250	Pump 10 BBL 29% KOL
	1438	4	20		✓		250	Pump 20 BBL mud Fossil
	1442	4	10		✓		250	Pump 10 BBL 29% KOL
	1445	6	84		✓		350	Pump 600 Sealup @ 12# - Good Peak
	1502	6	35		✓		200	Pump 700 Sealup @ 13# " "
								Sealup in Set Down - Wash Pumps
								& Case - 1 Day Top Pools
	1511	6			✓		100	Start Displacement Good Reviews
	1523	6-2	62		✓		700/500	Slow Rate
	1530		72		✓		700	Pump Down. Release PLS - FLOAT
							1200	Check well
	1535							RLG Down

CONFIDENTIAL

RELEASED

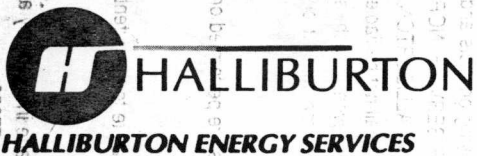
JUL 31 1997

FROM CONFIDENTIAL

1000  
MAR 1 4  
CONFIDENTIAL

JOB TIME - 90 MIN  
LOG TIME 5 HR - 30 MIN





**HALLIBURTON ENERGY SERVICES**

HAL-1906-N

CHARGE TO: **AWADARKO**  
 ADDRESS: **3**  
 CITY, STATE, ZIP CODE: **MAIR 1 A**

DUNCAN COPY

TICKET

No.

919647 - 3

RELEASED

JUN 1997

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PAGE 1 OF 2

SERVICE LOCATIONS 1. <b>25540</b> 2. <b>25535</b> 3. 4.	WELL/PROJECT NO. <b>1H</b>	LEASE <b>MORRIS 1H</b>	COUNTY/PARISH <b>STEVENS</b>	STATE <b>KS</b>	CITY/OFFSHORE LOCATION	DATE <b>7-23-96</b>	OWNER <b>SAME</b>
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <b>BIG A</b>	RIG NAME/NO.	SHIPPED VIA <b>HES</b>	DELIVERED TO <b>LOCATION</b>	WELL PERMIT NO. <b>1518-9220-3800-00</b>	WELL LOCATION <b>347345/386W</b>
WELL TYPE	WELL CATEGORY <b>01</b>	JOB PURPOSE <b>035</b>	WELL PERMIT NO.		WELL LOCATION		
REFERRAL LOCATION	INVOICE INSTRUCTIONS <b>Cont 52 634 w/ 175 Area Plus w/ Additives - 100 SK Area Plus w/ Additives</b>						

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M		
000-117		1			MILEAGE	1	FA	60	MY	2.85	171.00
000-119		1			NEW MILEAGE	60	MI			1.50	90.00
001-016		1			PUMPING SERVICE	3031	'	6	HR		1500.00
018-315		1			MOD FLUID	840	WAL			.65	546.00
314-143		1			CL-FIX II	2	WAL			28.00	56.00
26	847.6318	1			ROSCAT FEAT SMOKE	1	EA	5 1/2"			350.00
27	815.19311	1			FLUOP	1	EA	5 1/2"			69.00
40	806.60022	1			CENTRALIZERS	15	EA	5 1/2"		60.00	900.00
030-016		1			S-W Top Plate	1	EA	5 1/2"			60.00

ORIGINAL

CONFIDENTIAL

**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.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: **X John Shoo**  
 TIME SIGNED:  A.M.  P.M.

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

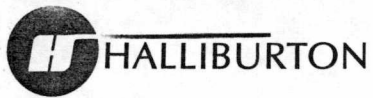
SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

TYPE LOCK	DEPTH	SURVEY	AGREE	UN-DECIDED	DIS-AGREE
BEAN SIZE	SPACERS		OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	/	
TYPE OF EQUALIZING SUB.	CASING PRESSURE	WE UNDERSTOOD AND MET YOUR NEEDS?	/		
TUBING SIZE	TUBING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	/		
TREE CONNECTION	TYPE VALVE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	/		
		ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL: **3742.00**  
 FROM CONTINUATION PAGE(S): **6528.62**  
 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE: **10,270.62**

**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) <b>Justin Hilling</b>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <b>X John Shoo</b>	HALLIBURTON OPERATOR/ENGINEER <b>Ken Kincaid</b>	EMP # <b>C1393</b>	HALLIBURTON APPROVAL
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TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 919647

HALLIBURTON ENERGY SERVICES

CUSTOMER APC

WELL Morris "I"

DATE 12-25-96 PAGE 2 OF 2

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504050	516.00265				Premium Plus CMT.	275	sk			12 62	3509 00
507210	890.50071				Flo 1/4-275sk	69	lb			1 65	113 85
508405	890-50812				Calcium Chloride 2%/275sk		sk	5		36 75	183 75
508143	70.15524				Diacel-D 20%-175sk/10%-100sk	4230	lb			42	1776 60
ORIGINAL											
CONFIDENTIAL											
RELEASED JUL 31 1997 FROM CONFIDENTIAL CONFIDENTIAL MAR 1 1997											
500207					SERVICE CHARGE					CUBIC FEET 539	1 35 727 65
500306					MILEAGE CHARGE	TOTAL WEIGHT 30,563	LOADED MILES 15			TON MILES 229.222	95 217 77

No. B 219682

CONTINUATION TOTAL 6528.62