

ORIGINAL

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: NORSEMAN DRILLING, INC.

License: 3779

Wellsite Geologist: NA

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SIOW  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. \_\_\_\_\_

5/23/94 5/26/94 9/2/94  
Spud Date Date Reached TD Completion Date

API No. 15- 129-21,278

County MORTON

SW - SW - NE - NE Sec. 10 Twp. 34S Rge. 41 X W

1250 Feet from X (circle one) Line of Section

1250 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 USA MOORE "F" Well # 2H

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3381.7 KB 3391

Total Depth 2470 PBTB 2420

Amount of Surface Pipe Set and Cemented at 761 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 09 3-31-95  
(Data must be collected from the Reserve Pit)

Chloride content 4100 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

LESLIE I. BARNES

Title SR. TECHNICAL ASSISTANT Date 9/14/94

Subscribed and sworn to before me this 14th day of September, 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)

Form ACO-1 (7-91)

RECEIVED  
STATE CORPORATION COMMISSION

SEP 23 1994

CONSERVATION DIVISION  
WICHITA, KANSAS

P1

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name USA MOORE "F" Well # 2H

Sec. 10 Twp. 34S Rge. 41 East West

County MORTON

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.)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy.)

Table with columns: Log, Formation (Top), Depth and Datums, Sample, Name, Top, Datum. Includes entries for B. CIMARRON, KRIDER, WINFIELD, TOWNANDA, FT. RILEY with depths from 1480 to 2360.

List All E.Logs Run: DUAL-SPACED NEUTRON, DUAL INDUCTION, COMPENSATED SPECTRAL GAMMA, MICRO, PRISM, SBT GAMMA

CASING RECORD table with columns: 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. Includes SURFACE and PRODUCTION rows.

ADDITIONAL CEMENTING/SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run, Date of First, Resumed Production, SWD or Inj. SI WO PIPELINE, Producing Method, Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas: Vented, Sold, Used on Lease. METHOD OF COMPLETION: Open Hole, Perf., Dually Comp., Commingled. Production Interval: 2154 - 2226

ORIGINAL

NORSEMAN DRILLING, INC.  
WICHITA, KANSAS  
DRILLERS' WELL LOG

RECEIVED  
JUN 01 1994

PRODUCTION  
LIBERAL DIVISION

WELL NAME: USA MOORE F-2H  
SECTION 4-33S-40W  
MORTON COUNTY, KANSAS

COMMENCED: MAY 23, 1994

API# 15-129-21278

COMPLETED: MAY 27, 1994

OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	1049	Sand & Redbed	Ran 18 jts of 24#
1050	1193	Glorietta Sand	8 5/8" csg set @
1194	2249	Redbed	761'; w/275 SX of
2250	2470	Lime-Shale	75/25 pozmix; 2% CC; 1/4# SX Floceal; Tailed with 150 SX Class H Common; 2% CC; 1/4# Floceal; Plug down 1:30 a.m. 05/24/94.

Ran 56 jts. 5 1/2" 15.50#, Set @ 2459'; Cement w/100 SX Class C; 15% NACL; 6% Halad 3; 1% CC; 1/4# Floceal; Tailed w/200 SX Class C; 2% CC; 1/4# Floceal; Plug down @ 3:45 a.m. on 05/27/94.

STATE OF KANSAS

)I, the undersigned, being duly 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.

COUNTY OF SEDGWICK

NORSEMAN DRILLING, INC.

*James P. Reilly*  
JAMES P. REILLY, PRESIDENT

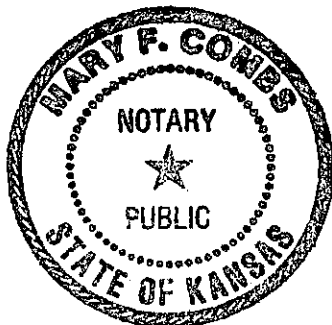
Subscribed & sworn to before me this

May 31, 1994

My Appointment Expires:

August 25, 1996

*Mary F. Combs*  
Mary F. Combs, Notary Public  
8515 S. West Street  
Wichita, KS 67233



RECEIVED  
STATE CORPORATION COMMISSION

SEP 23 1994

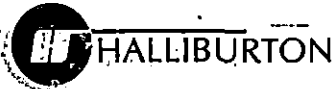
CONSERVATION DIVISION  
WICHITA, KANSAS

DATE 5-23-94  
TICKET NO. 677459

JOB LOG FORM 2013 R-4

CUSTOMER: Anadarko P-1 WELL NO.: 2 H LEASE: USA Moore "F" JOB TYPE: 010

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				ST	C	TUBING	CASING	
	18:30							Call out Ready Now
	21:00							ON hoc Rig making short trip
	22:30							run 8 7/8 CSG
	00:00							TO Circ Hole w Rig
	01:00	6				250		75/35 P02 "H" 340 sk 15.3 PPS
		"	73.2			"		
		"				200		"H" 150 sk 16.4 PPS
		"	28.3			180		
	01:18	—				—		Stop Drop 5-w Plug
	01:19	6				100		Displ w H2O
		"	20			250		
		2	36			300		
	01:33		46.6			300		Plug Down Float Holding
								20 bbls CMT To Surface
								Thank You Tim & Crew



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Mid Cont  
Liberal KS

BILLED ON TICKET NO. 6779

Job in Wildcat  
5 7065  
J. H. Co.

WELL DATA  
FIELD \_\_\_\_\_ SEC. 4 TWP. 33S RNG. 40W COUNTY Morton 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 Spud MUD WT. 8.9  
PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
MISC. DATA \_\_\_\_\_ TOTAL DEPTH 761

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24	8 3/4	KB	775	1500
LINER						
TUBING						
OPEN HOLE			12 1/2	GL	761	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>2 1/2</u>	<u>1</u>	<u>Howco</u>
GUIDE SHOE <u>TX</u>	<u>1</u>	
CENTRALIZERS <u>3-1/4</u>	<u>3</u>	
BOTTOM PLUG		
TOP PLUG <u>B-W</u>	<u>1</u>	
HEAD <u>9000</u>	<u>1</u>	
PACKER		
OTHER <u>Weld-on</u>	<u>1</u>	

### JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-23-94</u>	DATE <u>5-23-94</u>	DATE <u>5-24-94</u>	DATE <u>5-24-94</u>
TIME <u>18:30</u>	TIME <u>21:00</u>	TIME <u>01:00</u>	TIME <u>01:33</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T Bahannan <u>87748</u>	<u>40076 P.O.</u>	<u>Liberal KS</u>
J Tate <u>20568</u>	<u>52823 P.</u>	<u>" "</u>
M Lewis <u>02896</u>	<u>4734 B.</u>	<u>Hugotank</u>
R Martinez <u>02731</u>	<u>4673 B.</u>	<u>" "</u>
	<u>7620</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 5001  
DESCRIPTION OF JOB 010  
JOB DONE THRU: TUBING  CASING  ANNULUS  FTG/ANN.   
CUSTOMER REPRESENTATIVE X Terry Lewis  
HALLIBURTON OPERATOR Tim Bahannan COPIES REQUESTED \_\_\_\_\_

### CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>340</u>	<u>7 1/2 3/4 P-2 H</u>			<u>28 cc 1/4 flocc</u>	<u>121</u>	<u>1523</u>
<u>2</u>	<u>150</u>	<u>Prison</u>			<u>28 cc 1/4 flocc</u>	<u>106</u>	<u>164</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 \_\_\_\_\_  
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
CEMENT LEFT IN PIPE \_\_\_\_\_  
FEET 411 REASON Shot JT

### SUMMARY

PRESLUSH: BBL-GAL \_\_\_\_\_ TYPE \_\_\_\_\_  
LOAD & BKDN: BBL-GAL \_\_\_\_\_ PAD: BBL-GAL \_\_\_\_\_  
TREATMENT: BBL-GAL \_\_\_\_\_ DISP. BBL-GAL 466  
CEMENT SLURRY: BBL-GAL 23.2 + 28.3  
TOTAL VOLUME: BBL-GAL \_\_\_\_\_  
REMARKS \_\_\_\_\_

Lease: USA Moore Field  
 Well No: 2H  
 Job Type: 010  
 Date: 5-23-94



CHARGE TO: Anedarko Petroleum  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

COPY \_\_\_\_\_ TICKET No. 677459 - 2  
 PAGE 1 OF 1

FORM 1906 R-13

SERVICE LOCATIONS 1. <u>085540 Liberal</u> 2. <u>025535 Houston</u>	WELL/PROJECT NO. <u>2 H</u>	LEASE <u>USA Moore "F"</u>	COUNTY/PARISH <u>Morton</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION	DATE <u>5-23-94</u>	OWNER <u>Same</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>Norseman</u>	RIG NAME/NO. <u>Norseman #2</u>	SHIPPED VIA	DELIVERED TO <u>No. 1 Wilborton</u>	ORDER NO.	
3.	WELL TYPE <u>02</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>010</u>	WELL PERMIT NO.	WELL LOCATION <u>4-335-40W</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1			MILEAGE	62	mi	1	hr		170.50
001-016		1			Pump Charge	775	ft	6	hr		890.00
030-018		1			5-w Plug	83	in	1	hr		130.00
16A	830.2171	1			Guide Shoe MGS	83	in	1	hr		161.00
24A	815.19502	1			insert float	"	"	"	"		171.00
27	815.19415	1			fill-up Assy	"	"	"	"		55.00
40	806.61048	1			Cont 5-4	"	"	3	hr	65.100	195.00
320	806.70060	1			CMT Basket	"	"	1	hr		122.00
350	890.10802	1			Weld - A	1	hr	1	hr		14.50

**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 Terry Lewis

DATE SIGNED: 5-23-94 TIME SIGNED: 2:10p  A.M.  P.M.

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	PAGE TOTAL	1,909
BEAN SIZE	SPACERS		OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				
TYPE OF EQUALIZING SUB.	CASING PRESSURE	WE UNDERSTOOD AND MET YOUR NEEDS?					8,247 47
TUBING SIZE	TUBING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WELL DEPTH		WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
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					

SUB-TOTAL 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): Terry Lewis CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): X Terry Lewis HALLIBURTON OPERATOR/ENGINEER: Tim Bohannon EMP #: 87748 HALLIBURTON APPROVAL: \_\_\_\_\_



HALLIBURTON

HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

DUNCAN COPY

TICKET No. 677459

FORM 1911 R-10

CUSTOMER Anadarko Petroleum Corporation	WELL USA Moore "F" 2H	DATE 05-23-94	PAGE 1	OF 1
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT.	DF							
					340 25/75 Premium Pozmix Cement						
504-043	516.00272				Premium Cement	255	sk			9 82	2504 10
506-105	516.00286				Pozmix A	6290	lb			.074	465 46
504-043	516.00272				Premium Cement	150	sk			9 82	1473 00
507-210	890.50071				Flocele 1/2#W/ 490	123	lb			1 65	202 95
509-406	890.50812				Calcium Chloride 2%W/ 490	9	sk			36 75	330 75
500-207					SERVICE CHARGE			CUBIC FEET	516	1 35	696 60
500-306					MILEAGE CHARGE	TOTAL WEIGHT 45,203	LOADED MILES 31	TON MILES	700.6465	95	665 61

ORIGINAL

No. B 255246

CONTINUATION TOTAL 6338.4

**JOB LOG FORM 2013 R-4**

 CUSTOMER: **Amadicks Pkt** | WELL NO.: **2H** | LEASE: **USA Moore F** | JOB TYPE: **035** | TICKET NO.: **677463**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	12:30							Call out
	02:00							ON loc. Rig on way Down
	02:30							Start 5 $\frac{1}{2}$ C3G in Hole
	02:45							TD C3G Hook-up to Rig Pump circ Hole
	02:50	3	10			180		28' KCH H <sub>2</sub> O ORIGINAL
		4	30			"		Mod Plosk
		"	10			"		28' KCH H <sub>2</sub> O
		6				"		200 <sup>JK</sup> HLC P+ at 12.2 $\frac{11}{32}$ "
		"	75.1			"		
	03:15	5 $\frac{1}{2}$				"		100 <sup>JK</sup> P+ at 15 $\frac{11}{32}$ "
			28.1					
	03:25							Stop Wash-up to P+ Drop 5-w Plog
	03:27	9				240		Displ w. H <sub>2</sub> O
		6	22			400		slow rate 90
						180		
		6	30			190		
			40			430		
		3	47			570		
		2	52			600		
	03:43	2	57			730		Plug Down Release P+ Back - Float Holding
								Light CmTI to Surface 5 bbls
								Thank-you Tim & Crew





HALLIBURTON

JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Mid Cont.  
Liberal KS

BILLED ON TICKET NO. 677463

WELL DATA  
FIELD \_\_\_\_\_ SEC 10 TWP. 34S RNG. 41W COUNTY Morton 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 Chem MUD WT. 8.8  
PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
MISC DATA \_\_\_\_\_ TOTAL DEPTH 2470

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	15.5	5 1/2	KB	2472	1500
LINER						
TUBING						
OPEN HOLE			7 7/8	SP	2470	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>5 1/2</u>	<u>1</u>	<u>Howe</u>
FLOAT SHOE <u>5 1/2</u>	<u>1</u>	<u>Howe</u>
GUIDE SHOE <u>5 1/2</u>	<u>1</u>	<u>Howe</u>
CENTRALIZERS <u>5-11</u>	<u>14</u>	<u>Howe</u>
BOTTOM FLUG		
TOP FLUG <u>1 1/2</u>	<u>1</u>	<u>Howe</u>
HEAD <u>gpcp</u>	<u>1</u>	<u>Howe</u>
PACKER		
OTHER <u>13-11A</u>	<u>1</u>	<u>Howe</u>

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-26-94</u>	DATE <u>5-26-94</u>	DATE <u>5-27-94</u>	DATE <u>5-27-94</u>
TIME <u>19:30</u>	TIME <u>23:00</u>	TIME <u>07:25</u>	TIME <u>16:30</u>

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
T Bohanna <u>87748</u>	<u>40076 P.D.</u>	<u>Liberal Ks</u>
S Tate <u>20568</u>	<u>52803 P.</u>	<u>" "</u>
M Lewis <u>02376</u>	<u>50737 B</u>	<u>Hugoton Ks</u>

ORIGINAL

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.

INE 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. \_\_\_\_\_

PERF PAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT 5001

DESCRIPTION OF JOB CMT 035

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X Terry Lewis

HALLIBURTON OPERATOR Tim Bohanna COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>260</u>	<u>HLC P2</u>			<u>28 cc, 1/4 lb Floccs</u>	<u>2.11</u>	<u>12.2</u>
<u>2</u>	<u>100</u>	<u>P1</u>			<u>108 TA-2 15% salt 4% Haked 302, 1 1/2 cc, 1/4 lb Floccs</u>	<u>1.58</u>	<u>7.32</u>

PRESSURES IN PSI

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

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

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

SHUT-IN INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 115-MIN \_\_\_\_\_

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

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

AVERAGE RATES IN: BPM

DISPL. \_\_\_\_\_ COVERALL \_\_\_\_\_

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

REASON Shut in

SUMMARY

PRESLUSH: BBL-GAL 10 + 30 + 10 TYPE KCL + mud

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

TREATMENT: BBL-GAL \_\_\_\_\_ DISPL: BBL-GAL 57.8

CEMENT SLURRY: BBL-GAL 75.1 + 28.1

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

REMARKS

REMARKS

CUSTOMER

CUSTOMER: Amco Ks  
JOB TYPE: 035  
DATE: 5-27-94

services performed  
to state shall be the  
of Halliburton



**HALLIBURTON**

**HALLIBURTON ENERGY SERVICES**

CHARGE TO: Anadarko Petroleum Corp.  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

COPY

TICKET

No. **677463 - 6**

PAGE 1 OF \_\_\_\_\_

FORM 1906 R-13

SERVICE LOCATIONS <u>1-225517 Lubal</u> <u>2-25535 Houston</u>	WELL/PROJECT NO. <u>2 H</u>	LEASE <u>USA-Moore F</u>	COUNTY/PARISH <u>Morton</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>5-27-94</u>	OWNER <u>Scm</u>
3.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA <u>loc</u>	DELIVERED TO	ORDER NO.
4.	WELL TYPE <u>02</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>035</u>	WELL PERMIT NO.	WELL LOCATION <u>10-345.41W</u>		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT.	DF							
060-117		1			MILEAGE	54	mi	1	RD	2.75	148.50
001-016		1			Pump Charge	2472	RT	6	hr		1,395.-
030-018		1			5-w Plug	55	in	1	TR		65.-
12A	825.205	1			Guide Shoe	"	"	"	"		121.-
2.4A	815.19251	1			Insert Plug	"	"	"	"		110.-
27	815.19311	1			Oil Assy	"	"	"	"		55.-
40	806.60022	1			Control 2/15	"	"	14	KA	44/100	616.-
350	890.10802	1			Weld-A	1	lb	1	KA		14.50
018-315		1			Mod Flush	1260	sd			.15	819.-
218-235		1			Clay Plug II	3	sq			24/100	72.-

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.

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 <b>3,916</b>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				FROM CONTINUATION PAGE(S) <b>4,807 87</b>	
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <b>8,223 87</b>	
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	
WELL DEPTH							
TREE CONNECTION	TYPE VALVE						

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE  
**X Terry Le...**  
 DATE SIGNED 5-26-94 TIME SIGNED 2:30  A.M.  P.M.  
 do  do not require IPC (Instrument Protection)  Not offered

**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>Terry Le...</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <b>X Terry Le...</b>	HALLIBURTON OPERATOR/ENGINEER <u>Tim Bohannon</u>	EMP # <u>87748</u>	HALLIBURTON APPROVAL
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59,590 = 4893

HALLIBURTON

TICKET CONTINUATION

DUNCAN COPY

TICKET

No.

26

677463

198

HALLIBURTON ENERGY SERVICES

11 R-10

CUSTOMER

Anadarko Petroleum corp.

WELL

USA Moore "F" #2H

DATE

05-26-94

PAGE

OF

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT.	DF		U/M	U/M				
504-050	516.00265				Premium Plus Cement	100	sk	10	36	1036 00	
504-120					Halliburton Light Cement	200	sk	9	28	1856 00	
504-050	516.00265										
506-105	516.00286										
506-121	516.00259										
507-210	890.50071				Flocele 1/2" W/ 300	75	lb	1	65	123 75	
507-775	516.00144				Halad-322 .6" W/ 100	56	lb	7	00	392 00	
508-127	890.50131				Ea-2 10" W/ 100	9	sk	25	90	233 10	
509-968	516.00315				Granulated Salt 15" W/ 100	914	lb	15		137 10	
509-406	890.50812				Calcium Chloride 2" W/ 200, 1" W/ 100	5	sk	36	75	183 75	
SERVICE CHARGE					CUBIC FEET	340		1 35		459 00	
500-207	MILEAGE CHARGE					TOTAL WEIGHT	30,189		LOADED MILES 27		TON MILES 407.5515
500-306											87

ORIGINAL

No. B 255152

CONTINUATION TOTAL

4807.87