

ORIGINAL

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

API NO. 15- 129-21,281-00-00

County MORTON

SE - SE - NW - NW Sec. 27 Twp. 34S Rge. 40 X W

1250 Feet from X(N) (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 USA "AQ" Well # 1

Field Name HUGOTON

Producing Formation TO BE DETERMINED

Elevation: Ground 3388.9 KB --

Total Depth 3190 PBTD 2950

Amount of Surface Pipe Set and Cemented at 753 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 82 4-27-95
(Data must be collected from the Reserve Pit)

Chloride content 126,143 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.

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
X New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry X Other (Core, WSW, Expl., Cathodic, etc)
(COMPLETING, TESTING MULTIPLE ZONES)

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTD

Commingle Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

6/26/94 6/30/94 NA*

Spud Date Date Reached TD Completion Date

*10/17/94 IN PROCESS OF COMPLETING, TESTING MULTIPLE ZONES

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 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 [X] Wireline Log Received
C Geologist Report Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

Handwritten initials

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name USA "AQ" Well # 1

Sec. 27 Twp. 34S Rge. 40 East County MORTON West

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.)
List All E.Logs Run: HIGH RESOLUTION INDUCTION MICRO COMPENSATED SPECTRAL GAMMA LONG-SPACED SONIC DUAL-SPACED NEUTRON

Log Formation (Top), Depth and Datums
Table with columns: Name, Top, Datum. Rows include B. CIMARRON, KRIDER, WINFIELD, TOWANDA, FT. RILEY, COUNCIL GROVE, ADMIRE.

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. Rows for SURFACE and PRODUCTION.

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 NA, Set At, Packer At, Liner Run, Date of First, Resumed Production, SWD or Inj. IN PROCESS OF COMPLETING, Producing Method, Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas: METHOD OF COMPLETION
Production Interval
Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled NOT AVAILABLE
Other (Specify)

ORIGINAL

ATTACHMENT

API #15-129-21281

USA "AQ" NO. 1
SECTION 27-34S-40W
MORTON COUNTY, KANSAS

<u>SHOTS PER FOOT</u>	<u>PERFORATION RECORD</u>	<u>ACID, FRACTURE, SHOT, CMT SOZ RECORD</u>	<u>DEPTH</u>
1	3141-46, 3109-15	ACIDIZE W/150 GALS 15% HCL ACID/FT	3109-46
2	3071-75	ACIDIZE W/400 GALS 15% HCL ACID & 12 B.S. (1.3 SG)	3071-75
2	2964-68	ACIDIZE W/400 GALS 15% FEHCL & 12 BS	2964-68
	CIBP @ 2950'		
1	2883-2913 ACIDIZE W/3000 GALS 7-1/2% FEHCL ACID & 40 BS. FRAC W/39,438 GALS 20# BORATE & 136,870# 10/20 SD.	2883- 2913

ORIGINAL

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

WELL NAME: YOUNGREN J-1H
SECTION 4-33S-38W
STEVENS COUNTY, KANSAS

COMMENCED: JUNE 28, 1994

COMPLETED: AUGUST 12, 1994 API#15-129-21281

OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth From	To	Formation	Remarks
0	1144	Sand & Redbed	Ran 61 jts of 24#
1145	1350	Glorietta Sand	8 5/8" csg set @
1351	1450	Redbed	2435'; w/156 SX of
1451	3230	Lime-Shale	25/75 Class H pozmix; 2% CC; 1/4# Flocele; Tailed with 150 SX Class H Common; 2% CC; 1/4# SX Flocele; Plug down at 12:00 a.m. 07/02/94.

Ran 74 jts. 5 1/2" 15.50#, Set @ 3200'; Cement w/135 SX
Class C; 10#/SX Micro Bond; 15% Nacl.; 0.6% Halad 322;
1/4# Floceal; Plug down 7:00 p.m., on 08/13/94.

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
COUNTY OF SEDGWICK)records of this office.

NORSEMAN DRILLING, INC.

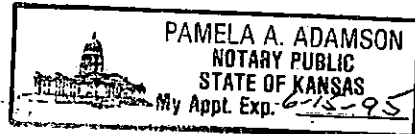
James P. Reilly
JAMES P. REILLY, PRESIDENT

Subscribed & sworn to before me this

September 20, 1994

My Appointment Expires:

June 15, 1995



Pamela A. Adamson
Pamela A. Adamson, Notary Public
340 Seville
Wichita, KS 67209

JOB LOG FORM 2013 R-4

 CUSTOMER Alundaweko WELL NO. 1-H LEASE USA AD JOB TYPE 8 3/4 S. EX. C. TICKET NO. 677335

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							Time Called
	1600							Time Back
	1630							Time outlok
	1610							Start Pumping Casing
	1643							Casing is Hole
	1644							Hookup To Circulate Casing
	1650							Circulate Casing w/ 100g
	1652							Circulate 1100 To Ground Level
	1705							Hookup To Drop Trick
	1710					200		Start Mixing Cement
	1726	5.0	68.42			150		Start Tail Cement
	1728	/	28.35			100		Finish Mixing Cement
	1729	/	96.73			100		Start Pumping Drop Plug
	1730	5				75		Start Displacement
		4.5 Avg	145.29					wash Pump's + Lines
	1740					300/200		Plug Down Circulate Cement To The PT Float Hatch
								Thanks For Calling Halliburton Energy Division Crew

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY Md. East STATE Va

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		<u>2 3/4</u>	<u>8 7/8</u>	<u>KB</u>	<u>753</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>GL</u>	<u>753</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>6-27</u>	DATE <u>6-27</u>	DATE <u>6-27</u>	DATE <u>6-27</u>
TIME <u>1300</u>	TIME <u>1400</u>	TIME <u>1743</u>	TIME <u>1740</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D. Carter</u>	<u>41073</u>	<u>Liscomb Va</u>
<u>D. ...</u>	<u>59179</u>	<u>"</u>
<u>A. ...</u>	<u>61730</u>	<u>Houston Va</u>
	<u>41414</u>	<u>"</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 8 7/8 Surface

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

CUSTOMER REPRESENTATIVE X. ...

HALLIBURTON OPERATOR D. ...

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED 'LBS./GAL.
	<u>340</u>	<u>7 1/2 Pz</u>	<u>Pz</u>		<u>2% LL 1/4 # Flocc</u>	<u>1.13</u>	<u>15.3</u>
	<u>150</u>	<u>Pz</u>			<u>2% LL 1/2 # Flocc</u>	<u>1.06</u>	<u>16.4</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 _____

REASON Shedown

142

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. _____ TYPE _____

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

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 145, 29

CEMENT SLURRY: BBL.-GAL. 98.73

TOTAL VOLUME: BBL.-GAL. _____

REMARKS

CUSTOMER _____ LEASE USA WELL NO. 1-4 JOB TYPE Surface DATE 6-27-94



HALLIBURTON

HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

CHARGE TO: Amundsen Petroleum
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

COPY

L3

TICKET

No.

677835 - 4

PAGE 1 OF

SERVICE LOCATIONS
 1. 25540 Lateral H WELL/PROJECT NO. 1 H LEASE USA A Q COUNTY/PARISH Marion STATE K CITY/OFFSHORE LOCATION _____ DATE 6-27-94 OWNER Amundsen
 2. 25535 Lateral H TICKET TYPE SERVICE SALES NITROGEN JOB? YES NO CONTRACTOR _____ RIG NAME/NO. Noiseman 018 SHIPPED VIA Loc DELIVERED TO _____ ORDER NO. _____
 3. WELL TYPE _____ WELL CATEGORY _____ JOB PURPOSE Old 8 1/2 Surface WELL PERMIT NO. _____ WELL LOCATION SW of Pella
 4. REFERRAL LOCATION _____ INVOICE INSTRUCTIONS 02 02

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117	ORIG	1			MILEAGE	108		Mile		2.75	297.00
001-016		1			Drop charge	753		FT			890.00
030-012		1			5w/ Top Plug	1		End	8 1/2	130.00	130.00
16A	830-2171	1			Guide shoe	1		End	8 1/2	161.00	161.00
244	815-19532	1			Insert Float	1				171.00	171.00
277	815-19415	1			Fills	1				55.00	55.00
40	806-61048	1			Control Lines	9				65.00	585.00
320	806-70060	1			Basket	1				122.00	122.00
350	890-10802	1			Hoses weld A	1		LB		14.50	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.

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK _____ DEPTH _____
 BEAN SIZE _____ SPACERS _____
 TYPE OF EQUALIZING SUB. _____ CASING PRESSURE _____
 TUBING SIZE _____ TUBING PRESSURE _____ WELL DEPTH _____
 TREE CONNECTION _____ TYPE VALVE _____

SURVEY AGREE UN-DECIDED DIS-AGREE

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?
 YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 1840.50

FROM CONTINUATION PAGE(S) 6118.74

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) Jim Barlow CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X Jim Barlow HALLIBURTON OPERATOR/ENGINEER Dennis Kovic EMP # 59179 HALLIBURTON APPROVAL _____

do in writing by 77056



HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

DUNCAN COPY

TICKET No. **677835**

OC
119

FORM 1911 R-10

CUSTOMER	WELL	DATE	PAGE	OF
Anadarko	USA AO	6-27-94		

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M			
504-043	516.00272				Premium Cement	150	sk			9.82	1473.00	
					25/75 Premium Pozmix Cement							
504-043	516.00272				Premium Cemnt	255	sk			9.82	2504.10	
506-105	516.00286				Pozmix A	6290	lb			.074	465.46	
509-406	890.50812				Calcium Chloride	9	sk			36.75	330.75	
507-210	890.50071				Flocele	123	LB			1.65	202.95	
					SERVICE CHARGE			CUBIC FEET	516	1.35	696.60	
500-207						MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES	497.244	1.95	472.38
500-306							45,203	22				

ORIGINAL

CONTINUATION TOTAL **6118.24**

No. B 262544



HALLIBURTON

ORIGINAL

JOB LOG HAL-2013-C

DATE 7-1-94 PAGE 1

CUSTOMER Anadarko WELL NO. 1-11 LEASE USA AQ JOB TYPE 52 Long Spring TICKET NO. 574423-3

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				IT	FC	TUBING	CASING	
	1430							called out
	1900							on Loc
	1930							START F.E.
	2115							rig up head circulate
	2132							switch to cmt line
	2135	4	10			350		START KCL H ₂ O
	2139	5	30			350		" mud flush
	2150	4	10			300		" KCL H ₂ O
	2154	6	96			300		" LEAD
	2215	6	27			0		" TAIL
	2218							" walk pump & lines
	2215							drop plug
	2215	8				0		START DISC.
		6	35			300		CAUGHT CMT AT 35 BBL SOME
	2230	75	75			820		Bump plug FLOAT hold Released
	2244							THANKS FOR CALLING HALLIBURTON

CUSTOMER



JOB SUMMARY

HALLIBURTON DIVISION
LOCATION: Parag 7x

BILLED ON TICKET NO. 51042

WELL DATA

FIELD: _____ SEC: _____ TWP: _____ RING: _____ COUNTY: WORTHON STATE: KY

FORMATION NAME: _____ TYPE: _____

FORMATION THICKNESS: _____ FROM _____ TO _____

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

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

COMPLETION DATE: _____ MUD TYPE: _____ MUD WT.: _____

PACKER TYPE: _____ SET AT: _____

BOTTOM HOLE TEMP: _____ PRESSURE: _____

MISC. DATA: _____ TOTAL DEPTH: 3190

NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>17.5</u>	<u>5 1/2</u>	<u>KD</u>	<u>3185</u>	
LINER					
TUBING					
OPEN HOLE		<u>7 1/2</u>	<u>3185</u>	<u>3190</u>	SHOTS/FT.
PERFORATIONS					
PERFORATIONS					
PERFORATIONS					

JOB DATA

TOOLS AND ACCESSORIES		CALLED OUT		ON LOCATION		JOB STARTED		JOB COMPLETED	
TYPE AND SIZE	QTY.	MAKE	DATE	TIME	DATE	TIME	DATE	TIME	
FLOAT COLLAR <u>1 in 17 float</u>	<u>1</u>	<u>placo</u>	<u>7-1-94</u>	<u>14:30</u>	<u>7-1-94</u>	<u>19:00</u>	<u>7-1-94</u>	<u>22:51</u>	
FLOAT SHOE <u>mod flush</u>	<u>30 PVL</u>								
GUIDE SHOE <u>Reg 9 1/2</u>	<u>1</u>	<u>NOCCO</u>							
CENTRALIZERS <u>S-4 9 1/2</u>	<u>10</u>								
BOTTOM PLUG									
TOR PLUG <u>9 1/2</u>									
HEAD									
PACKER <u>LEAD A</u>	<u>1</u>								
OTHER <u>Fillup All</u>	<u>1</u>								

PERSONNEL AND SERVICE UNITS			
NAME	UNIT NO. & TYPE	LOCATION	
<u>S. Reid</u>			
<u>F. Hill</u>	<u>41296 DL</u>	<u>Parag 7x</u>	
<u>P. Connally</u>	<u>3808</u>		
<u>7.8874</u>	<u>77941 01</u>		
<u>Anthony Smith</u>			
<u>6-1730</u>		<u>Hegoton</u>	

TREAT. FLUID	DENSITY	LB/GAL. API	
DISP. 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.		
PERFPAC BALLS TYPE	QTY.		
OTHER			
OTHER			

DEPARTMENT: CM

DESCRIPTION OF JOB: 9 1/2 Long String pack case

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE: X Job Site

HALLIBURTON OPERATOR: Shea Reed

COPIES REQUESTED: _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>230</u>	<u>P. RLW</u>		<u>P</u>	<u>2% C.C. 1/2 # Floc 1</u>	<u>2.11</u>	<u>12.0</u>
<u>2</u>	<u>100</u>	<u>P. RLW</u>		<u>P</u>	<u>10% mud in barrel, 1/2 # HANAI 32, 1/2 # SHT</u>		
					<u>1% C.C. 1/2 # Floc 1</u>		

PRESSURES IN PSI		SUMMARY		VOLUMES	
CIRCULATING	DISPLACEMENT	PRESLUSH: BBL-GAL	<u>30</u>	TYPE	<u>mod flush</u>
BREAKDOWN	MAXIMUM	LOAD & BKDN: BBL-GAL		PAD: BBL-GAL	
AVERAGE	FRACTURE GRADIENT	TREATMENT: BBL-GAL	<u>20</u>	DISPL: BBL-GAL	<u>75</u>
SHUT-IN: INSTANT	5-MIN	CEMENT SLURRY: BBL-GAL	<u>LEAD - 46.4 (7.7) - 27.24</u>	TOTAL VOLUME: BBL-GAL	<u>189.14</u>
	15-MIN			REMARKS	
ORDERED	AVAILABLE	<u>had good circulation throughout</u> <u>no float held</u>			
	AVERAGE RATES IN BPM				
TREATING	DISPL.	CEMENT LEFT IN PIPE			
	<u>6</u>				
FEET	OVERALL	REASON			
<u>413</u>	<u>6</u>	<u>same joint</u>			

LEASE
WELL NO.
JOB TYPE
DATE



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

COPY

TICKET UB

No. 574423 - 3

PAGE 1 OF 2

FORM 1906 R-13

SERVICE LOCATIONS 1. <u>29110</u>	WELL/PROJECT NO. <u>1-H</u>	LEASE <u>USA AQ</u>	COUNTY/PARISH <u>muston</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>7-1-94</u>	OWNER <u>JAME</u>
2. <u>2025915</u>	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>202K1</u>	DELIVERED TO <u>Loc.</u>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>53 Long string 035</u>	WELL PERMIT NO.	WELL LOCATION <u>w. Balla KS</u>		
4.	REFERRAL LOCATION <u>Liberal KS</u>	INVOICE INSTRUCTIONS					

ORIGINAL

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M			
001-117		1			MILEAGE <u>779.41</u>	1	46	2	75	1623.00
001-016		1			Jump Charge	1	3185	1		1500.00
030-016		1			Top plug	1	52	1		60.00
018-315		1			MUD FLUSH	30	1260	1	75	819.00
314-113		1			Chg. Fix II	2	1	24	00	48.00
12A	825.205	1			Guide shoe	1	53	1		121.00
40	807.93022	1			centralizers	1	52	44	00	616.00
350	890.10802	1			weld A	1	14	1		14.50
24A	815.19261	1			Insect Fluat	1	153	1		110.00
27	815.19315	1			fill up A/B	1	1	55		55.00

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: 7/1/94 TIME SIGNED: 7:30 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>34710.00</u>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	/			FROM CONTINUATION PAGE(S) <u>5989 89</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?	/			<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND	
TUBING SIZE	TUBING PRESSURE	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				

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): Liberal KS

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

HALLIBURTON OPERATOR/ENGINEER: Standard Reid EMP # E1140

HALLIBURTON APPROVAL:

89459.89

