

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

ORIGINAL

API NO. 15- 129-212460000

County Morton

SW - SW - NE - NE Sec. 32 Twp. 33S Rge. 40 X W

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, KS 67905-0351

Purchaser: Panhandle Eastern Pipeline Co.

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/Re-Entry: old well info as follows

Operator:

Well Name: 4-18-94 APR 18 1994

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to SWD
 Plug Back PBTB
 Cemented Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

12/17/93 12/20/93 3/25/94
Spud Date Date Reached TD Completion Date

1250 Feet from SW (circle one) Line of Section

1250 Feet from E/W (circle one) Line of Section

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

Lease Name Kneller "I" Well # 1H

Field Name Hugoton

Producing Formation Chase (Hugoton)

Elevation: Ground 3327 KB NA

Total Depth 2620 PBTB 2603

Amount of Surface Pipe Set and Cemented at 651 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 8-22-94
(Data must be collected from the Reserve Pit)

RECEIVED
KANSAS CORPORATION COMMISSION

Chloride content 155,707 ppm Fluid volume 700 bbls

Desalting method used Natural Evaporation

Location of fluid disposal if hauled offsite:

CONSERVATION DIVISION
WICHITA, KS

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Leslie I. Barnes
Title Sr. Technical Assistant Date 4/15/94

Subscribed and sworn to before me this 15th day of April 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 Kneller "I" Well # 1H

Sec. 32 Twp. 33S Rge. 40 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.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Krider	2343	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Winfield	2411	
List All E.Logs Run:		Towanda	2480	
		Ft. Riley	2546	

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		8 5/8	24#	651	Pozmix & Common	275 150	2% cc 1#/sx flocele 2% cc 1#/sx flocele
Production		5 1/2	15.5#	2604	Common Common	160 40	20% Diacel "D" 2% cc 1#/sx flocele 10% Diacel "D" 2% cc 1#/sx flocele

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	2550-2560	A/2' int w/50 gals 15% fe Hcl acid/ft. Total acid 500 gals. Flush w/16 bbl 2% KCL wtr.	2550-60
4	2480-2496	A/2' int w/100 gals 15% fe Hcl acid/ft. Total acid 800 gals. Fl w/410 gals 2% KCL wtr.	2480-96
4	2411-2431, 2343-2373	Frac w/40,000 gals 40# linear gelled lse wtr & 124,000# 16/30 sd. Drop plg. Fl w/941 gals lse wtr.	2343-2431
	CIBP @ 2474, Drld CIBP @ 2603		

TUBING RECORD	Size <u>2 3/8</u>	Set At <u>2378</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. <u>3/23/94</u>	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcfd <u>158</u>	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval 2343-2560'

ORIGINAL

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

WELL NAME: *Kneller*
~~KMELLEU~~ 1-1H
SECTION 32-33S-40W
MORTON COUNTY, KANSAS

COMMENCED: DECEMBER 17, 1993

API #15-129-21246

COMPLETED: DECEMBER 21, 1993

OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	1172	Sand & Redbed	Ran 15 jts of 24# 8 5/8" csg set @ 663'; w/275 SX of 75/25 pozmix- 2% CC + 1/4# Flocele; Tailed with 150 SX Class H - 2% CC; 1/4# Flocele; Job complete at 1:15 a.m. 12/18/93.
1173	1330	Glorietta Sand	
1331	1799	Redbed	
1800	2620	Lime-Shale	
			Ran 59 jts. 5 1/2" 15.5#, Set @ 2603'; Cement w/ SX Class C; w/20% Diacel D; 2% CC; 1/4# sx Flocele; Tailed w/ 40 SX Class C; 10% Diacel D; 2% CC; 1/4 SX Cellophane Plug down @ 9:30 a.m. on 12/21/93

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

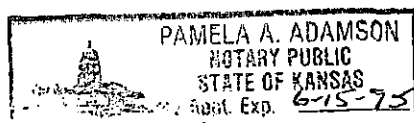
Subscribed & sworn to before me this 21st day of September, 1993.

My Appointment Expires:

June 15, 1995

Pamela A. Adamson

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



RECEIVED
KANSAS CORPORATION COMMISSION

APR 18 1994

CONSERVATION DIVISION
WICHITA, KS



HALLIBURTON

ORIGINAL

DATE 12-21-93 PAGE NO.

JOB LOG FORM 2013 R-4

CUSTOMER: [unclear] WELL NO.: 1 H LEASE: Kneller 1 JOB TYPE: 5 1/2 Longstone TICKET NO.: 574570

Table with columns: CHART NO., TIME, RATE (BPM), VOLUME (BBL) (GAL), PUMPS (T, C), PRESSURE (PSI) (TUBING, CASING), DESCRIPTION OF OPERATION AND MATERIALS. Includes handwritten entries for operations like 'Called out on location', 'Safety meeting', 'Rig up', 'Hook up and circulate with R. g.', 'Hook up cement pump', 'Pump KCl water', 'Pump mud flush', 'Pump KCl water', 'Mix and pump lead cement', 'Mix and pump tail cement', 'Wash out lines', 'Release plug', 'Displace plug', 'Land plug', 'Release - ps. Check float ok', 'No cement return'.

RECEIVED STATE CORPORATION COMMISSION AUG 22 1994 CONSERVATION DIVISION WICHITA, KANSAS

WELL DATA

FIELD _____ SEC 32 TWP. 35 RANG. 40 W COUNTY McPherson STATE KS

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

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	15.5	5 1/2	0	2112	
LINER						
TUBING						
OPEN HOLE				2112	2120	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-2-93</u>	DATE <u>12-2-93</u>	DATE <u>12-2-93</u>	DATE <u>12-2-93</u>
TIME <u>8:100</u>	TIME <u>0450</u>	TIME <u>0845</u>	TIME <u>0932</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>Super</u>	<u>1</u>	<u>H</u>
GUIDE SHOE		
CENTRALIZERS <u>33</u>	<u>14</u>	<u>W</u>
BOTTOM PLUG		
TOP PLUG <u>1200</u>	<u>1</u>	<u>C</u>
HEAD <u>PS</u>		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>O. N. ...</u>	<u>27455</u>	<u>Liberal</u>
<u>UD Fox</u>	<u>20414</u>	<u>"</u>
<u>D. ...</u>	<u>1060</u>	<u>"</u>
<u>C. ...</u>	<u>3625</u>	<u>Hickman</u>
<u>G 2569</u>	<u>5939</u>	<u>"</u>
<u>D. ...</u>	<u>2856</u>	<u>"</u>
<u>G 2728</u>	<u>4734</u>	<u>"</u>

MATERIALS

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

DEPARTMENT CONCRETE
 DESCRIPTION OF JOB _____
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE XBL
 HALLIBURTON OPERATOR C. ... COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>160</u>	<u>Port</u>			<u>10% Durol D 2700 44" Fine 10</u>	<u>2.69</u>	<u>12</u>
	<u>40</u>	<u>Port</u>			<u>10% Durol D 2700 44" Fine 10</u>	<u>1.57</u>	<u>13</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
 HYDRAULIC HORSEPOWER _____
 DERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 REASON _____

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. 10 WATER TYPE _____
 LOAD & BKDN: BBL.-GAL. 2.11341 10 PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. 10 WATER DISPL.: BBL.-GAL. 6.1
 CEMENT SLURRY: BBL.-GAL. 71.4
 TOTAL VOLUME: BBL.-GAL. 203.7

REMARKS

Good circulation

RECEIVED
 STATE CORPORATION COMMISSION
 AUG 22 1994
 CONSERVATION DIVISION
 WICHITA, KANSAS



CHARGE TO: Hwy. Drucker Pet Corp
 ADDRESS: PO Box 357
 CITY, STATE, ZIP CODE: Lawrence, KS 66044

COPY: _____
 TICKET No: **57480**
 DATE: **AUG 28 1994**
 STATE: **KANSAS**

FORM 1908 R-13

SERVICE LOCATIONS <u>160-1</u> <u>Lawrence</u>	WELL/PROJECT NO. <u>1 H</u>	LEASE <u>Kanada</u>	COUNTY/PARISH <u>McPherson</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>12-21-93</u>	OWNER <u>Drucker</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>W. J. ...</u>	RIG NAME/NO. <u>1</u>	SHIPPED VIA	DELIVERED TO <u>Lawrence</u>	ORDER NO.	
WELL TYPE <u>1</u>	WELL CATEGORY <u>Oil</u>	JOB PURPOSE <u>0025</u>	WELL PERMIT NO. <u>129-21276</u>	WELL LOCATION			
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

ORIGINAL

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
100-117			MILEAGE	20	mi			2.75	55.00
100-116			Pump Charge	248	ft				1345.00
030-015			5 gal. Sol. Pump	1	gal	50	ft		65.00
018-315			Wind flush	1200	gal			15	819.00
			Chlorine						
SA	837.071000		FLUCT 5100	1	hr	50	hr		225.00
HO			CONT. 1000	14	hr	50	hr	4.29	600.00

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: [Signature]
 DATE SIGNED: 11-21-93 TIME SIGNED: 10:00

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
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?	✓		
TUBING DEPTH	WELL DEPTH	ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
TREE CONNECTION	TYPE VALVE	<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL 3125
FROM CONTINUATION PAGE(S) 4234
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 7259

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>L. W. Glick</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>[Signature]</u>	HALLIBURTON OPERATOR/ENGINEER <u>[Signature]</u>	EMP # <u>40325</u>	HALLIBURTON APPROVAL
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the statute to the extent



TICKET CONTINUATION

COPY 152

TICKET No. 57451

made with H. HALLIBURTON ENERGY SERVICES

CUSTOMER APC WELL Kneller "I" 1H DATE 12-21-93 PAGE 1 OF 1

FORM 1911 R-9

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	U/M		
504-050	516.00265				Premium Plus Cement	200	sk	9.22	1,844.00
507-210	890.50071				Flocele B/ 1/2 W/ 200	50	lb	1.40	70.00
508-143	70.15524				Diacel "D" B/ 10% W/ 40 20% W/ 160	3400	lb	42	1,428.00
509-406	890.50812				Calcium Chloride B/ 2% W/ 200	4	sk	28.25	113.00
500-207					SERVICE CHARGE				
500-306					MILEAGE CHARGE	21			
					TOTAL WEIGHT				22551
					LOADED MILES				21
					CUBIC FEET				411
					TON MILES				236.786
									1.35
									95
									554.85
									224.95

ORIGINAL

CONTINUATION TOTAL 142,348.00

RECEIVED FOR THE STATE COMMISSION NOV 22 1994

JOB LOG FORM 2013 R-4

 CUSTOMER: *Acadarko Pet* WELL NO: *1 H* LEASE: *Krallier I* JOB TYPE: *8 3/8 Surface* TICKET NO: *649717*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	08:00							Called Out
	20:03							ON location, rig pulling D.P.
	20:30							Safety meeting, Set up Co Tik.
	22:30							Start casing, run floating equnt.
	22:30							Casing crew brake down, rig roping in casing
	24:25							Casing on bottom
	24:30							hook up iron, rig circulating
	24:40							hook up iron, Co Tik.
	24:43	6	55		X		300	Start lead Cement
	24:55	6	28		X		300	Start Tail Cement
	01:00							⊖ Shut down, drop SW Top Plug
	01:03	6	24		X		250	Start water displacement
	01:07	6	5		X		250	Cement Circulated to surface
	01:08	3	10		X		300	Slowed rate
	01:15				X		400	Plug landed
	01:15				X		1000	pressured up
	01:16				X			⊖ released pressure, float held
	01:30							Job Complete
								Thanks for Calling Halliburton
								Richard & Crew

RECEIVED
 STATE CORPORATION COMMISSION
AUG 22 1994
 CONSERVATION DIVISION
 WICHITA, KANSAS

CUSTOMER: Madako Petroleum Corp. LEASE: McAllen 14 WELL NO: 14 JOB TYPE: 5 1/2" Surface DATE: 12-2-64

FIELD: N. Rolla SEC: 32 TWP: 33S RNG: 40W COUNTY: Murton 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:

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAXIMUM PSI ALLOWABLE. Rows: CASING (N, 24, 8 3/4, G.L., 1663), LINER, TUBING, OPEN HOLE (12 1/4, G.L., 1663, SHOTS/FT.), PERFORATIONS.

TOOLS AND ACCESSORIES table with columns: TYPE AND SIZE, QTY., MAKE. Rows: FLOAT COLLAR (1, H), FLOAT SHOE (1, O), GUIDE SHOE (1, W), CENTRALIZERS (3, C), BOTTOM PLUG (1, O), TOP PLUG (1, O), HEAD (1, W), PACKER (Basket, C), OTHER (Weld A, O).

JOB DATA

Table with columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Rows: DATE 12-17-97, TIME 18:00; DATE 12-17-93, TIME 20:30; DATE 12-17-93, TIME 22:30; DATE 12-18-93, TIME 01:30.

PERSONNEL AND SERVICE UNITS

Table with columns: NAME, UNIT NO. & TYPE, LOCATION. Rows: R Taylor (D4033, 410076, Liberal), S Tate (E0568, 52823, 25374, Liberal), D McIntyre (D9704, 52920, 5303, Hugoton), J. Morris (F4244, 52927, 7649, Hugoton).

MATERIALS section with fields for TREAT. FLUID, DISPL. FLUID, PROP. TYPE, ACID TYPE, SURFACTANT TYPE, NE AGENT TYPE, FLUID LOSS ADD. TYPE, GELLING AGENT TYPE, FRIC RED. AGENT TYPE, BREAKER TYPE, BLOCKING AGENT TYPE, PERFPAC BALLS TYPE, OTHER.

DEPARTMENT: Cement DESCRIPTION OF JOB: 8 3/4" Surface JOB DONE THRU: TUBING, CASING, ANNULUS, TBG./ANN. CUSTOMER REPRESENTATIVE: R. P. Nick HALLIBURTON OPERATOR: R. L. HUGHES COPIES REQUESTED: 2

CEMENT DATA

Table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./SK., MIXED LBS./GAL. Rows: 1 (225, 2 1/2 ppc, H, B, 2 1/2 C.C., 1/4 3/4 k Flacole, 1.13, 15.3); 2 (150, 2 ppc, H, B, 2 1/2 C.C., 1/4 3/4 k Flacole, 1.06, 16.4).

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: Slow Joint

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. TYPE LOAD & BKDN: BBL.-GAL. PAD: BBL.-GAL. TREATMENT: BBL.-GAL. DISPL: BBL.-GAL. CEMENT SLURRY: BBL.-GAL. 85 TOTAL VOLUME: BBL.-GAL.

REMARKS

See Job Log 122.5

RECEIVED STATE CORPORATION COMMISSION AUG 2 2 1964 CONSERVATION DIVISION WICHITA, KANSAS



HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

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

COPY

W.F. No.

TICKET

649719 - 4

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>025510</u>	WELL/PROJECT NO. <u>1H</u>	LEASE <u>Kroeller I</u>	COUNTY/PARISH <u>Madison</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>12-12-93</u>	OWNER <u>Se...</u>
2. <u>025535</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Nurseman</u>	RIG NAME NO. <u>2</u>	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>Location</u>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>004-112</u>		<u>1</u>			MILEAGE	<u>1</u>	<u>uo</u>	<u>44</u>	<u>m.</u>	<u>2.25</u>	<u>121.00</u>
<u>501-016</u>		<u>1</u>			Pump Charge	<u>6</u>	<u>hr</u>	<u>663</u>	<u>ft</u>		<u>825.00</u>
<u>16A</u>	<u>830 2121</u>	<u>1</u>			Guide Shoe	<u>1</u>	<u>ea</u>	<u>8 5/8</u>	<u>in</u>		<u>161.00</u>
<u>24A</u>	<u>815.19502</u>	<u>1</u>			Insert float	<u>1</u>	<u>ea</u>	<u>8 5/8</u>	<u>in</u>		<u>171.00</u>
<u>27</u>	<u>815.19415</u>	<u>1</u>			Cell up	<u>1</u>	<u>ea</u>	<u>8 5/8</u>	<u>in</u>		<u>55.00</u>
<u>40</u>	<u>806.60059</u>	<u>1</u>			Centerline	<u>3</u>	<u>ea</u>	<u>8 5/8</u>	<u>in</u>	<u>22.00</u>	<u>216.00</u>
<u>320</u>	<u>806.20060</u>	<u>1</u>			Basket	<u>1</u>	<u>ea</u>	<u>8 5/8</u>	<u>in</u>		<u>122.00</u>
<u>350</u>	<u>890.10802</u>	<u>1</u>			Weld-A	<u>1</u>	<u>ea</u>	<u>1</u>	<u>lb</u>		<u>14.50</u>

ORIGINAL

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

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE <u>[Signature]</u>	DATE SIGNED <u>12-9-93</u>	TIME SIGNED <u>1:25</u>	AM. <input checked="" type="checkbox"/> P.M. <input type="checkbox"/>	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	TYPE LOCK	DEPTH	SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <u>1685.50</u>	
do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered				TYPE OF EQUALIZING SUB.	CASING PRESSURE	TUBING SIZE	TUBING PRESSURE	WELL DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	WE UNDERSTOOD AND MET YOUR NEEDS?	FROM CONTINUATION PAGE(S) <u>4919 59</u>	
				TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO			SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE			
							<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			TOTAL <u>6605.07</u>		

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>J D Glick</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>[Signature]</u>	HALLIBURTON OPERATOR/ENGINEER <u>Richard L Taylor</u>	EMP # <u>04033</u>	HALLIBURTON APPROVAL
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CONSERVATION DIVISION WICHITA, KANSAS



HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

COPY

131

TICKET No. 6419219

FORM 1911 R-9

CUSTOMER APC	WELL Kneller "I" I H	DATE 12-17-93	PAGE 2	OF 2
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ORIGINAL

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M	UNIT PRICE	AMOUNT	
		LOC	ACCT	DF		QTY.	U/M				
					275 25/75 Pozmix Cement						
504-143	516.00272				Premium Cement	206	sk		8.95	1,843	70
506-.05	516.00286				Pozmix "A" (69)	5106	lb		.067	342	10
504-143	516.00272				Premium Cement	150	sk		8.95	1,342	50
507-.10	890.50071				Flocele B/ 1/4 W/ 425	107	lb		1.40	149	80
509-106	890.50812				Calcium chloride B/ 2% W/ 425	8	sk		28.25	226	100
500-207					SERVICE CHARGE						
500-306					MILEAGE CHARGE						
					TOTAL WEIGHT 39,300						
					LOADED MILES 22						

RECEIVED
 STATE CORPORATION COMMISSION
 AUG 22 10 40 AM '93
 CONSERVATION DIVISION

CONTINUATION TOTAL 4919.59