

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

API NO. 15- 129-21,248-06-06

County Morton

SE - NW Sec. 1 Twp. 33S Rge. 40 X E

1880 Feet from S(N) (circle one) Line of Section

1750 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 Cornell Univ. "D" Well # 1H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3266.7 KB 3275.7

Total Depth 2715 PBD 2685

Amount of Surface Pipe Set, and Cemented at 688 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 JH 10-17-94
(Data must be collected from the Reserve Pit)

Chloride content 2500 ppm Fluid volume 700 bbls

Dewatering method used Natural Evaporation

Location of fluid disposal, if hauled offsite:

RECEIVED

KANSAS CORPORATION COMMISSION

Operator Name _____

Lease Name MAY 24 1994 License No. _____

Quarter Sec. Twp. S Rng. E/W

CONSERVATION DIVISION
WICHITA, KS
Docket No. _____

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, KS 67905-0351

Purchaser: To be Determined

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253

Contractor: Name: Norseman Drilling

License: 3779

Wellsite Geologist: NA

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover

_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.
_____ Gas _____ ENHR X SIGW
_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

12-12-93 12-15-93 4-23-94
Spud Date Date Reached TD Completion Date

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.

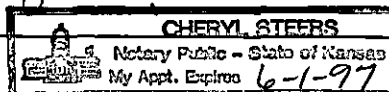
Signature Leslie I. Barnes

Title Sr. Technical Assistant Date 5/18/94

Subscribed and sworn to before me this 18th day of May 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 Cornell University "D" Well # 1H

Sec. 1 Twp. 33 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.)	<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	B/Cimarron	1664	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	B. Red Cave	2179	
List All E.Logs Run:		Krider	2420	
		Winfield	2464	
		Towanda	2540	
		Ft. Riley	2596	
		Florence	2644	
		CEMENT BOND		
		NATURAL GAMMA RAY SPECTROMETRY		
		DUAL INDUCTION		
		COMPENSATED NEUTRON		

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	688	Pozmix & Common	275 150	2% cc, 1#/sx flocele 2% cc, 1#/sx flocele
Production	7 7/8	5 1/2	15.5	2686	Class "C" Class "C"	200 40	20% DCD, 2% cc 1#/sx flocele 10% DCD, 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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2	2644-54, 2600-20, 2540-60, 2466-96,		Brk dwn perms w/9923 gal 2% KCL wtr + 250 BS (1.3 SG). Frac	2420-2654
	2420-40		w/82,989 gal x-linked 2% KCL + 368,400# 10/20 sd. Flush	
			w/2313 gal gel.	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	2381			
Date of First, Resumed Production, SWD or Inj.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
SI WOPL					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water Bbls. Gas-Oil Ratio Gravity
				240	

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: 2420-2654

ORIGINAL

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

WELL NAME: CORNELL UNIV. D-1
SECTION 1-33S-40W
MORTON COUNTY, KANSAS
COMMENCED: DECEMBER 12, 1993
COMPLETED: DECEMBER 16, 1993 API #15-129-21248
OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	859	Sand & Redbed	Ran 16 jts of 24# 8 5/8" csg set @ 697'; w/275 SX of 25/25 Class H pozmix; 2% CC 1/4# SX Floceal; Tailed with 150 SX Class H- 2% CC; 1/4# SX Floceal; Plug down at 10:30 p.m. on 12/12/93.
960	1110	Glorietta Sand	
1111	2169	Redbed	
2170	2715	Lime-Shale	

Ran 60 jts. 5 1/2" 15.5#, Set @ 2686'; Cement w/200 SX
Class C; 20% Diacel D; 2% CC; 1/4# SX Floceal; Tailed
w/40 SX Class C; 10% Diacel D; 2% CC; 1/4# SX Floceal;
Plug down @ 5:30 a.m., on 12/16/93

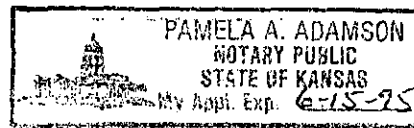
STATE OF KANSAS)I, the undersigned, being duly sworn on
COUNTY OF SEDGWICK)oath, state that the above Drillers' Well
RECEIVED)Log is true and correct to the best of my
KANSAS CORPORATION COMMISSION)knowledge and belief and according to the
MAY 24 1994)records of this office.
CONSERVATION DIVISION
WICHITA, KS

NORSEMAN DRILLING, INC.

James P. Reilly
JAMES P. REILLY, PRESIDENT

Subscribed & sworn to before me this

December 22, 1993



My Appointment Expires:

June 15, 1995

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

Made in writing
 77036
 10/10/80

JOB LOG FORM 2013 R-4

 DATE
 12-16-93

 CUSTOMER: **Anadarko PET** WELL NO: **1** LEASE: **Cornell University** JOB TYPE: **5 1/2 Long string** TICKET NO: **574503**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0200							Called out
	0230							on location
	0240							Rig up
	0100							Safety meeting
	0100							LDDP
	0200							Run in hole with casing
	0340							Prop Ball
	0350							hook up circulating iron
	0355							Break circulation
	0435	6	20				200	Pump 2% KCL WATER
	0440	6	30				300	Pump Mud Flush
	0445	6	20				300	Pump 2% KCL WATER
	0450	6	95.8				300	Mix Lead Cement @ 13 APG
	0510	6	14.9				200	Mix Tail Cement @ 13 APG
	0515							Wash up pumps & lines
	0519							Prop Plug
	0520	6	63.9				200	Displace Cement
	0530	6					600	Circulate Cement to surface
	0540	3-0					1000	Plug Down - Float Held
RECEIVED KANSAS CORPORATION COMMISSION MAY 24 1994 CONSERVATION DIVISION WICHITA, KS								Total Lead Cement 95.8 RBbl Total Tail Cement 14.9 RBbl Total Displacement 63.9 RBbl
								Thanks For Calling Halliburton Wes Fox & Crew

CHARGE TO: *ANAPARKS*

ADDRESS:

CITY, STATE, ZIP CODE:

COPY

TICKET

No. 574503 - 6

PAGE 1 OF

FORM 1906 R-13

SERVICE LOCATIONS 1. <i>Liberol, KS</i>	WELL/PROJECT NO. <i>1H</i>	LEASE <i>Cornell Univ'D</i>	COUNTY/PARISH <i>Madison</i>	STATE <i>Ks</i>	CITY/OFFSHORE LOCATION	DATE <i>12-16-93</i>	OWNER <i>S.A.E</i>
2. <i>Hugoton, KS</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>Moseman</i>	RIG NAME/NO.	SHIPPED VIA <i>C.T. 6208-10</i>	DELIVERED TO	ORDER NO.
3.	WELL TYPE <i>02</i>	WELL CATEGORY <i>01</i>	JOB PURPOSE <i>035 5 1/2 Prod Conv</i>	WELL PERMIT NO.	WELL LOCATION <i>21/2-11A</i>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
000-117					MILEAGE	1	60	20	100	55
001-016					Pump Charge					1345
030-018					5 w. pcc. Plug	1	7	5 1/2	100	60
26	847.6318				INSCT Flat Shoe	1	00	5	100	350
27	815.19311				Fill Tube - Fillup	1	00			50
40	806.60022				Centerlines	1	40	5 1/2	100	616

ORIGINAL

 RECEIVED
 KANSAS CORPORATION COMMISSION
 MAY 24 1994
 CONSERVATION DIVISION
 WICHITA, KS

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 B.W. Glick

DATE SIGNED: _____ TIME SIGNED: _____

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	
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?	<input checked="" type="checkbox"/>		
WE UNDERSTOOD AND MET YOUR NEEDS?	<input checked="" type="checkbox"/>		
OUR SERVICE WAS PERFORMED WITHOUT DELAY?	<input checked="" type="checkbox"/>		
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	<input checked="" type="checkbox"/>		
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	2486
FROM CONTINUATION PAGE(S)	5111
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	7597

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <i>B.W. Glick</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X B.W. Glick</i>	HALLIBURTON OPERATOR/ENGINEER <i>WES FOX</i>	EMP # <i>04437</i>	HALLIBURTON APPROVAL
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HALLIBURTON
ENERGY SERVICES

TICKET CONTINUATION

COPY

114

TICKET No. 574803

FORM 1811 R-8

CUSTOMER APC	WELL D #1 H Cornell University	DATE 12-15-93	PAGE	OF
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF									
504-050	516.00265					Premium Plus Cement	240	sk				9.22	2,212.8
507-210	890.50071					Flocele B/ 1/2# W/ 240	60	lb				1.40	84.0
500-959	70.15524					Diacel "D" B/ 10% W/ 40 20% W/ 200	4150	lb				.42	1,743.0
509-406	890.50812					Calcium chloride B/ 2% W/ 240	5	sk				28.25	141.2
500-207						SERVICE CHARGE						1.35	672.3
500-306						MILEAGE CHARGE			20			.95	257.7
						TOTAL WEIGHT				27,131			
						LOADED MILES			20				
						TON MILES				271.310			
												CONTINUATION TOTAL	511.2

ORIGINAL

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 24 1994
CONSERVATION DIVISION
- HUTCHINSON, KS



JOB LOG FORM 2013 R-4

CUSTOMER Anadarko WELL NO. 1 H LEASE Cornell University JOB TYPE OIO TICKET NO. 648024

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 call out, rig making, and plug down operations.

RECEIVED KANSAS CORPORATION COMMISSION MAY 24 1994 CONSERVATION DIVISION WICHITA, KS

Thank-you T & A Co.



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

COPY

TICKET

No.

648024 - 3

PAGE 1 OF 1

FORM 1906 R-13

SERVICE LOCATIONS 1. <u>liberal 025540</u>	WELL/PROJECT NO. <u># 1-H</u>	LEASE <u>Cornell University "D"</u>	COUNTY/PARISH <u>Morton</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>12-12-93</u>	OWNER <u>Anadarko</u>
2. <u>Hugoton 025535</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 Pch</u>	RIG NAME/NO. <u>" #2</u>	SHIPPED VIA <u>loc</u>	DELIVERED TO <u>loc</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>W of Hugoton ks</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

ORIGINAL

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM		UM	
000-117		1			MILEAGE	32	mi	1	hr	88.00
201-016		1			Pump Charge	697	GT	6	hr	825.00
230-019		1			5-w Plug	8 3/8	in	1	hr	135.00
16 A	830. 2171	1			Tx Guide Shoe	2 3/8	in	1	hr	161.00
24 A	815. 19502	1			insert float	"	"	"	"	171.00
27	815. 19415	1			fill-up	"	"	"	"	55.00
40	806. 60059	1			Crat	"	"	3	hr	216.00
320	806. 70060	1			Cnt Basket	"	"	1	hr	122.00
350	890. 10802	1			Weld A	1	lb	1	hr	14.50

RECEIVED
 KANSAS CORPORATION COMMISSION
 MAY 24 1994
 CONSERVATION DIVISION
 WICHITA KS

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 Joe Shoo

DATE SIGNED: 12-12-93 TIME SIGNED: 18:00 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: <input checked="" type="checkbox"/> AGREE <input type="checkbox"/> UN-DECIDED <input type="checkbox"/> DIS-AGREE		PAGE TOTAL 1,787.50
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	<input checked="" type="checkbox"/>	
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?	<input checked="" type="checkbox"/>	FROM CONTINUATION PAGE(S) 4,763.30
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	<input checked="" type="checkbox"/>	SUB-TOTAL 6,555.80
TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	<input checked="" type="checkbox"/>	
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input checked="" 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				

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>Joe Shoo</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X Joe Shoo</u>	HALLIBURTON OPERATOR/ENGINEER <u>Tina Bohannon</u>	EMP # <u>27748</u>	HALLIBURTON APPROVAL
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TICKET CONTINUATION

COPY

91

TICKET No. 648024

FORM 1911 R-8

CUSTOMER Anadarko Petroleum Corp.	WELL #1H Carnell University "D"	DATE 12-12-93	PAGE OF 1 1
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT		
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M				
						275 C.F. 25/75 Pozmix Cement								
504-043	516.00272					Premium Cement	206	sk			8.95	1843.70		
506-105	516.00286					Pozmix A	5106	lb			.067	342.10		
504-043	516.00272					Premium Cement	150	sk			8.95	1342.50		
507-210	890.50071					Flocele 1/2#W/ 425	106				1.40	148.40		
509-406	890.50812					Calcium Chloride 2#W/ 425	8	sk			28.25	226.00		
						RECEIVED KANSAS CORPORATION COMMISSION MAY 2 4 1994 CONSERVATION DIVISION WICHITA, KS								
500-207						SERVICE CHARGE	CUBIC FEET	448			1.35	604.80		
500-306						MILEAGE CHARGE	TOTAL WEIGHT	34,316	LOADED MILES	16	TON MILES	274.528	1.95	260.80

ORIGINAL

CONTINUATION TOTAL 4,768.30