

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

ORIGINAL

175-21,292-0000

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, KS 67905-0051

Purchaser: Centana Energy

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253

Contractor: Name: Norseman Drilling

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: KCC 022

Operator: Anadarko Petroleum Corporation

Well Name: Crow "B" #3H

Comp. Date N/A Old Total Depth 2995

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back 2800 PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

1-2-93 1-5-93 8-25-93
Spud Date Date Reached TD Completion Date

API NO. 15

County Seward

NE - SW - SW Sec. 26 Twp. 33S Rge. 34 X E W

1250 Feet from S/N (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 Crow "B" Well # 3H

Field Name Hugoton

Producing Formation Krider

Elevation: Ground 2011.5 KB NA

Total Depth 2995 PBD 2800

Amount of Surface Pipe Set and Cemented at 702 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 REWORK 12-14-93
(Data must be collected from the Reserve Pit)

Chloride content 7500 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. _____

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 25 1993
CONSERVATION DIVISION
WICHITA, KS

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.

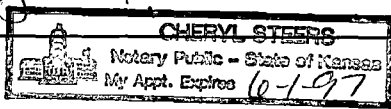
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Beverly J. Williams
Title Technical Assistant Date 10-19-93

Subscribed and sworn to before me this 19th day of October 1993.

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 Crow "B" Well # 3H

Sec. 26 Twp. 33S Rge. 34 East County Seward 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	Blaine	1004	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Cedar Hills	1149	
List All E.Logs Run:		Stone Corral	1646	
		Chase	Not Logged	
		Council Grove	Not Logged	
		TD	2995	

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#	702	Pozmix & Common	450	2% cc, 1#/sk flocele 3% cc, 1#/sk flocele
Production	7 7/8	5 1/2	15.5#	2995	Class "C"	230	10% DCD, 2% cc 1#/sk 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	2702-2714		A/600 gal 15% fe HCL, 50 gal/ft. Frac w/19,000 gal linear gel	
			2% KCL wtr + 2000# 40/70 sd & 20,000# 20/40 sd.	
4	2638-2644		A/600 gal 15% fe HCL, 100 gal/ft.	
	CAST IRON BRIDGE PLUG @ 2800' ^{KCC} _{12/81}			

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	2654	-	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
8-13-83	<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 Mcfd	Water Bbls.	Gas-Oil Ratio	Gravity
-	-	115	50	-	-

Disposition of Gas:	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	<u>2702-2714</u>

WELL DATA
FIELD: Hogston SEC: 36 TWP: 33 RANG: 34 W COUNTY: WYCOMBE 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: _____

CASING	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
14"		54	5/8	G.L.	2995	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG	<u>5/8</u>	<u>1</u>
HEAD		<u>Howco</u>
PACKER		
OTHER		

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-6-93</u>	DATE <u>1-6-93</u>	DATE <u>1-6-93</u>	DATE <u>1-6-93</u>
TIME <u>03:00</u>	TIME <u>05:30</u>	TIME <u>08:50</u>	TIME <u>11:00</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. McEwan</u>	<u>40078</u>	<u>L. Beralks</u>
<u>T. Buchanan</u>	<u>52938</u>	<u>" "</u>
<u>P. Collins</u>	<u>52827</u>	<u>Hogston</u>
<u>E. Adams</u>	<u>40061</u>	<u>" "</u>
<u>73691</u>	<u>2839</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 _____ IN
PERFPAC BALLS TYPE _____ QTY _____
OTHER: YALVTI 2 GAL
OTHER: MUD FLUSH

DEPARTMENT: Crust
DESCRIPTION OF JOB: STIMUL
JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
CUSTOMER REPRESENTATIVE: [Signature]
HALLIBURTON OPERATOR: [Signature] COPIES REQUESTED: 2

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT/SK.	MIXED LBS/GAL
1	190	C		B	<u>20% CALTA, 2% CC, 1% HESK FLUOR</u>	<u>2.09</u>	<u>12 #</u>
1	40	C		B	<u>10% "</u>	<u>9.09</u>	<u>13 #</u>

PRESSURES IN PSI

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

SUMMARY

VOLUMES
FRESHWASH: 30 TYPE: MUD FLUSH
LOAD & BKDN: 10 MID (-7)
TREATMENT: BBL 30
CEMENT SLURRY: 228%
TOTAL VOLUME: 228%
REMARKS: DEC 1.6 1993

CONSERVATION DIVISION
Wichita, Kansas



HALLIBURTON SERVICES

A Division of Halliburton Company

BULK MATERIALS DELIVERY

AND

TICKET CONTINUATION

ORIGINAL

FOR INVOICE AND TICKET NO.

251234

DATE I-6-93	CUSTOMER ORDER NO.	WELL NO. AND FARM Grow "B"	COUNTY Seward	STATE KS
CHARGE TO A P C	OWNER Same	CONTRACTOR B 122916		
MAILING ADDRESS	DELIVERED FROM Ingoton, KS	LOCATION CODE 25535	PREPARED BY Ferry Cline	
CITY & STATE	DELIVERED TO NW/Liberal, KS	TRUCK NO.	RECEIVED BY <i>W. E. Allen</i>	

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
				QTY.	MEAS.	QTY.	MEAS.			
504-050	516.00265	2 B	Premium Plus Cement	230	sk			8.95	2058	50
507-210	890.5071	2 B	Flocalc Blended @ 1/2	58	LB			1.40	81	20
509-406	890.50812	2 B	Calcium Chloride 8/22 W/230kk	5	sk			28.30	141	25
500-959	70.15524	2 B	Celite Blended 20 Z W/ 190 10 Z W/ 40	3950	B			.42	1659	00

THIS IS NOT AN INVOICE

Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES		
SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET		
500207	2 B	SERVICE CHARGE	CU. FEET	474	1.25
500-306	2 B	Mileage Charge	25,948	28	25.27
No. B 122916			CARRY FORWARD TO INVOICE		SUB-TOTAL
					DEC 68093
					23

CUSTOMER

CONSERVATION DIVISION
Wichita, Kansas

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME #3-H CROW		COUNTY SEWARD	STATE Ks	CITY/OFFSHORE LOCATION	DATE 1-6-93
CHARGE TO Amoco Petroleum Corp		OWNER SARL	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR WARSEMAN P. 2	LOCATION 1 LIBRACKS		CODE 25540
CITY, STATE, ZIP		SHIPPED VIA TRUCK	FREIGHT CHARGES <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		LOCATION 2 HOYTOWNS
WELL TYPE 02	WELL CATEGORY 01	WELL PERMIT NO. B-122916	DELIVERED TO LOCATIONS		LOCATION 3
TYPE AND PURPOSE OF JOB 035		ORDER NO.	REFERRAL LOCATION		

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Payment shall be made by the 20th of the following month after close of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest at the highest lawful contract rate applicable, but never to exceed 15% per annum. In the event it becomes necessary to employ an attorney to enforce collection of Customer's account, all collection costs and attorney's fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the laws of the state of Kansas. No warranties, express or implied, of MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE CONTRACT. Liability and customer's acceptance is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of a credit for the value of such items. Halliburton shall not be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117		1		MILEAGE	1	MI	10	MI	2.75	27.50
001-016		1		Pump Charge	1	HR	2995	FT	1.25	22.50
000-018		1		TOP PLUG	1	EA	5 1/2	IN	1.50	1.50
018-315		1		MOD FLOSL	1500	GA	PER	GA	1.25	975.00
314-163		1		CLAY S. X II	2	GA	PER	GA	21.50	43.00

NOT THIS IS AN INVOICE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. B-122916		4841 23	
WAS JOB SATISFACTORILY COMPLETED? <input checked="" type="checkbox"/> WAS OPERATION OF EQUIPMENT SATISFACTORY? <input checked="" type="checkbox"/> WAS PERFORMANCE OF PERSONNEL SATISFACTORY? <input checked="" type="checkbox"/>	WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND SERVICES FURNISHED UNDER CONTRACT. RECEIVED STATE CORPORATION COMMISSION DEC 16 1993 HALLIBURTON OPERATOR CONSERVATION DIVISION Wichita, Kansas		
X J.P. [Signature] CUSTOMER OR HIS AGENT (PLEASE PRINT) X [Signature] CUSTOMER OR HIS AGENT (SIGNATURE)	HALLIBURTON APPROVAL CUSTOMER		

DISTRICT LIBERAL Ks.

DATE 1-6-93

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: ANACKARCO METROKUM CORP

AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING (CUSTOMER)

WELL NO. #3H LEASE (ROW) SEC 26 TWP 33S RANGE 34W

FIELD Hugobon COUNTY SEWARD STATE Ks. OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM TO						
PACKER TYPE	SET AT						
TOTAL DEPTH	MUD WEIGHT						
BORE HOLE							SHOTS/FT.
INITIAL PROD.	OIL BPD, H ₂ O BPD, GAS MCF						
PRESENT PROD.	OIL BPD, H ₂ O BPD, GAS MCF						
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- As consideration, the above named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
 - To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
 - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims of liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton, whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton," as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
 - That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data, furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against all claims, liability, expenses, attorneys fees, and costs of defense resulting from the use of such information.
 - That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
 - That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
 - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
 - That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

RECEIVED STATE CORPORATION COMMISSION

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED John Sheer

DATE 1-6-93

CUSTOMER CONSERVATION DIVISION

Wichita, Kansas

TIME 6:00 P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

JOB LOG

WELL NO. # 511 LEASE CROWN SECTION 157
 CUSTOMER A.P.C. LOCATION
 JOB TYPE

FORM 2019142

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	03:00							CAGE
	05:30							LOCATION ON CD.P
	08:50							Csg. In Hole, Hookup Head
	09:05							CIPS Joke
	09:20							Hook to cut Link
	09:24	3			2	250		Start Job w/ 20% clat. II
	09:27	3	10		2			Pump prod. disk
	09:37	3	30		2			Pump 2% clat. II
	09:40	5	10		2	250		Pump prod. disk
	09:57	5	91		2	150		Pump to land disk, mix 23#
	10:00	0	15		0			Shut down well, drop plug
	10:04	6	-		2	250		Displace
	10:14	2 1/2	62		1	250		slow rate
	10:18	0	72		0	250		plug down
	10:20					1 1/2		check float holding

RECEIVED
 STATE CORPORATION COMMISSION

CONSERVATION DIVISION
 Wichita, Kansas

Thank you for calling
 Halliburton
 Randy G. McF...

15-175-21292-0000

ANADARKO PETROLEUM CORPORATION

PHONE 316-624-6253 • 2330 NORTH KANSAS AVE. • P.O. BOX 351 • LIBERAL, KANSAS 67905-0351

ORIGINAL



October 21, 1993

Kansas Corporation Commission
Conservation Division
200 Colorado Derby Building
Wichita, Kansas 67202

Attn: Priscilla Zadoka

Re: Revision
Crow "B" No. 3H
Section 26-33S-34W
Seward County, Kansas

Dear Ms. Zadoka:

Enclosed in triplicate is the Revised Affidavit of Completion (ACO-1 Well History) on the above referenced well.

Very truly yours,

A handwritten signature in cursive script that reads "Beverly J. Williams".

Beverly J. Williams
Technical Assistant
/cs

Enclosures

cc: Well File
Ken Lester - HGO
Manager Land Administration - HGO
Ellen Cobb - HGO
WI Owners

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 25 1993

CONSERVATION DIVISION
WICHITA, KS