

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

CONFIDENTIAL

API NO. 15-ORIGINAL 189-21,629-0000
County Stevens
- C - SE - NE Sec. 14 Twp. 31S Rge. 35 X E
V

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, KS 67905-0351

Purchaser: Texaco Trading & Transportation

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion
 New Well Re-Entry Workover

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

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

Operator: RELEASED

Well Name: AUG 1 8 1995

Comp. Date Old Total Depth

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

4/27/94 5/10/94 6/22/94
Spud Date Date Reached TD Completion Date

1980 Feet from S(N) (circle one) Line of Section

660 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 HANKE "B" Well # 2

Field Name Churchman-Bible

Producing Formation Chester

Elevation: Ground 2969 KB 2984

Total Depth 5887 PBTD 5743

Amount of Surface Pipe Set and Cemented at 1766 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 8/94 11-21-94
(Data must be collected from the Reserve Pit)

Chloride content 73,166 ppm Fluid volume 5000 bbls

Dewatering method used Natural Evaporation

Location of fluid disposal if hauled offsite:

Operator Name RECEIVED
KANSAS CORPORATION COMMISSION KCC
Lease Name License No.

Quarter III Sec. 14 1994 Twp. 31S Rge. 35 CONFIDENTIAL E/W

County Stevens Docket No.

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 Leslie I. Barnes
Title Sr. Technical Assistant Date 7/8/94

Subscribed and sworn to before me this 8th day of July 19 94

Notary Public Cheryl Steers

Date Commission Expires 6-1-97

CHERYL STEERS
Notary Public - State of Kansas
Exp. Date 6-1-97

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
G Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name Anadarko Petroleum Corporation Lease Name HANKE "B" Well # 2
 Sec. 14 Twp. 31S Rge. 35 County Stevens
 East West

CONFIDENTIAL

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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)</p> <p>List All E.Logs Run: PRISM LONG-SPACED SONIC MICRO SONIC BOREHOLE TRANSIT</p>	<p><input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <p>Name Top Datum</p> <p style="text-align: center;">SEE ATTACHMENT</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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#	1766'	Pozmix & Class "H"	625 200	4% total gel, 2% 3% cc
Production	7 7/8	5 1/2	15.5#	5785	Pozmix & Pozmix	50 220	1#/sx flocele, 6% tot gel, 10% salt, 10% 1075, 10% salt, 10% flocele, 5#/sx gilsonite, 1#/sx flocele.
			FO TOOL @	3100	Pozmix	110	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Cmt Plug Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD	5850'	Class "H"	50	1#/sx flocele, D0 to 5785
<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	
	4	5601-12, 5619-47	Acidize perfs in 2' intervals w/100 gals 15% FeHCl acid/ft.	
		Total acid = 3900 gals. Frac w/37,500 gals 35# borate x-linked wtr + 126,200# 20/40 sd.		
	Cmt plug @ 5743'			

TUBING RECORD	Size 2 7/8	Set At 5572	Packer At	Liner Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
6/18/94				
Estimated Production Per 24 Hours	Oil 44	Bbls.	Gas -	Mcf -
			Water 60	Bbls. -
			Gas-Oil Ratio -	Gravity -

Disposition of Gas: NA METHOD OF COMPLETION Perf. Production Interval 5601-5647'

Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

ATTACHMENT

CONFIDENTIAL ORIGINAL

HANKE "B" NO. 2
SECTION 14-31S-35W
STEVENS COUNTY, KANSAS

API#15-189-21629

<u>NAME</u>	<u>TOP</u>
B/STONE CORRAL	1793
WINFIELD	2673
COUNCIL GROVE	2890
WABAUNSEE	3268
B/HEEBNER	4079
TORONTO	4091
LANSING	4179
KANSAS CITY	4636
MARMATON	4837
CHEROKEE	5032
MORROW FM	5360
L. CHESTER	5537
STE. GENEVIEVE	5663
ST. LOUIS	5716
SPERGEN	5851
LTD	5874
DTD	5887

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JUL 15 1994
CONSERVATION DIVISION
WICHITA, KS

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ORIGINAL

GABBERT-JONES, INC.
WICHITA, KANSAS

- DRILLERS' WELL LOG -

WELL NAME: Hanke "B" #2
Sec 14-31S-35W
Stevens County, Kansas

COMMENCED: 4-27-94
COMPLETED: 5-11-94
OPERATOR: Anadarko Petroleum Corporation

DEPTH		FORMATION	REMARKS
From	To		
0	752	Sand-Clay	
752	1105	Sand-Redbed	
1105	1230	Redbed	Ran 42 jts of 24# 8 5/8" csg set @ 1766' w/625 sks
1230	1425	Glorietta Sand	50/50 Posmix 4%Gel 2%CC
1425	1766	Redbed	Tailed w/200 sks class H
1766	1830	Anhy	3%CC
1830	2075	Redbed	PD @ 10:30 PM 4-28-94
2075	5887	Lime-Shale	

5887 - TD

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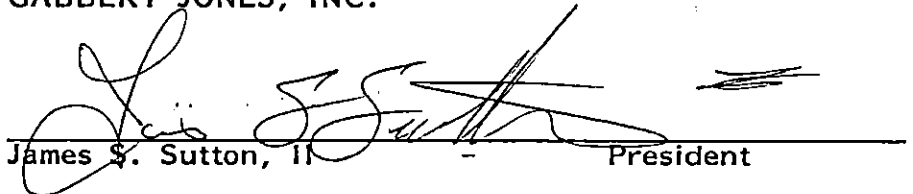
CONSERVATION DIVISION
WICHITA, KS

Ran 132 jts of 15 1/2# 5 1/2" csg set @ 5782' w/50 sks 65/35 Posmix 1/4#Floseal 6%Gel-225 sks 50/50 Posmix 2%CC 1/4#Floseal 5# Gilsoxite 10% Salt .075 Friction Reducer PD @ 5:30 AM 5-11-94 RR @ 6:30 AM 5-11-94

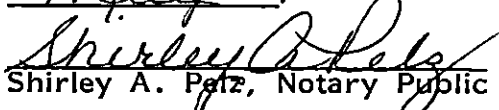
STATE OF KANSAS]
COUNTY OF SEDWICK]

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.

GABBERT-JONES, INC.


James S. Sutton, II President

Subscribed & sworn to before me this 17th day of May, 1994


Shirley A. Pelz, Notary Public



My commission expires October 18, 1997

JOB LOG FORM 2013 R-4

CUSTOMER: *Amador Co* WELL NO.: *13-2* LEASE: *Hawks* JOB TYPE: *Plug Back* TICKET NO.: *677365*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

	<i>2000</i>							<i>Time Collected For St. Counsel</i>
	<i>2200</i>							<i>Time Ready For Last Cig Plug</i>
	<i>2300</i>							<i>Time on loc. 12 1/2 Plug DP from Plug</i>
								<i>Plug DP in Hole ORIGINAL</i>
	<i>0400</i>							<i>Hookup To DP 5850 FT</i>
								<i>Hookup Mid Line To Track</i>
	<i>0409</i>	<i>5</i>				<i>250</i>		<i>Start Water Ahead</i>
	<i>0411</i>		<i>10</i>			<i>250</i>		<i>Start Muddy Cement</i>
	<i>0413</i>		<i>9.4</i>			<i>350</i>		<i>Start Space Behind</i>
	<i>0414</i>		<i>3.5</i>			<i>350</i>		<i>Start Displacement w/ mud.</i>
	<i>0429</i>		<i>77.4</i>			<i>750</i>		<i>Shut Down</i>
	<i>0430</i>							<i>Break Chose</i>
								<i>Rig Trip DP out of Hole</i>

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Thanks For Calling
Halliburton
Energy
Services

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WICHITA, KS

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made in Wichita, Texas 77101



JOB SUMMARY

HALLIBURTON DIVISION Mid-cont
 HALLIBURTON LOCATION Liscomb, Ks

BILLED ON TICKET NO. 677365

WELL DATA

FIELD _____ SEC _____ TWP _____ RNG _____ COUNTY Stevens 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 _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING						
LINER						
TUBING <u>DIP</u>			<u>4 1/2</u>	<u>KB</u>	<u>5850</u>	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-9</u>	DATE <u>5-9</u>	DATE <u>5-10</u>	DATE <u>5-10</u>
TIME <u>2000</u>	TIME <u>2300</u>	TIME <u>0400</u>	TIME <u>0430</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D Over</u>	<u>40075</u>	<u>Liscomb, Ks</u>
<u>R Elwood</u>	<u>59179</u>	<u>"</u>
<u>R Garrison</u>	<u>04360</u>	<u>"</u>
	<u>62729</u>	<u>Horton, Ks</u>

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JUL 15 1994

CONSERVATION DIVISION WICHITA, KS

DEPARTMENT Cement
 DESCRIPTION OF JOB lost Gz Pkg JUL 11

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JOB DONE THRU: TUBING DIP ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Silber D. G.

HALLIBURTON OPERATOR Dennis Coe COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>50</u>	<u>Premium</u>			<u>1/1 # Flocc</u> RELEASED	<u>1.06</u>	<u>16.4</u>
					AUG 18 1995		

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 _____

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 77.4
 CEMENT SLURRY: BBL.-GAL. 9.4
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

CUSTOMER Mid-cont
 LEASE Stevens
 WELL NO. _____
 JOB TYPE 3-2
 DATE 5-9-94



CHARGE TO: Andarico Petroleum
 ADDRESS: Andarico Petroleum
 CITY, STATE, ZIP CODE:

COPY
 TICKET No. 677365 - 7
 PAGE 1 OF 1

FORM 1906 R-13

SERVICE LOCATIONS
 1. 25540 Lubenok WELL/PROJECT NO. B-2 LEASE Houke COUNTY/PARISH Stevens STATE Ks CITY/OFFSHORE LOCATION DATE 5-9-94 OWNER Andarico
 2. 25535 Houston TICKET TYPE SERVICE JOB? YES NO CONTRACTOR Grady Dely 8 RIG NAME/NO. Loc SHIPPED VIA DELIVERED TO ORDER NO.
 3. WELL TYPE WELL CATEGORY JOB PURPOSE WELL PERMIT NO. WELL LOCATION
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS 0103 Last C/O Plug EO of Moscow

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		AMOUNT
		LOC	ACCT	DF		* U/M	QTY.	U/M	PRICE	
<u>000-117</u>		<u>1</u>			<u>MILEAGE</u>	<u>51</u>	<u>Miles</u>	<u>2</u>	<u>75</u>	<u>140</u> ^{<u>25</u>}
<u>009-019</u>		<u>1</u>			<u>Pump charge</u>	<u>5850</u>	<u>FT</u>			<u>2145</u> ^{<u>50</u>}
ORIGINAL	CONFIDENTIAL				CONFIDENTIAL					
					RECEIVED					
					KANSAS CORPORATION COMMISSION					
					JUL 15 1994					
					CONSERVATION DIVISION WICHITA, KS					
					RELEASED					
					AUG 18 1995					
					FROM CONFIDENTIAL					

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 Gilbert Daula Jr
 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?
 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 2285 ²⁵
 FROM CONTINUATION PAGE(S) 626 ⁰⁷
 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 2911 ¹³

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) Gilbert Daula Jr CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X HALLIBURTON OPERATOR/ENGINEER Dennis Coon EMP # 59179 HALLIBURTON APPROVAL



HALLIBURTON

HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

DUNCAN COPY

TICKET No. 677365

77

FORM 1911 R-10

CUSTOMER APC

WELL Hanky

DATE 9-9-94

PAGE OF

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-043	516.00272				Premium Cement	50	sk			9.82	491.0
507-210	890.50071				Flocele 1/2#	13	lb			1.65	21.4
500-207					SERVICE CHARGE					1.35	68.0
500-306					MILEAGE CHARGE					.95	44.0
					TOTAL WEIGHT						
					4713						
					LOADED MILES						
					20						
					CUBIC FEET						
					51						
					TON MILES						
					47.13						

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CONSERVATION DIVISION
WICHITA, KS

CONTINUATION TOTAL 626.00

No. B 255043



HALLIBURTON

ORIGINAL

DATE
5 18 94
TICKET NO.
59042E

JOB LOG FORM 2013 R-4

CUSTOMER		WELL NO.	LEASE		JOB TYPE	TICKET NO.		
ANAPARKO		B-4	HANKI		2nd STAGE	59042E		
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								STEVENS K ^S CONFIDENTIAL
	08:00							REG. ON LOG
	10:30							CON. LOG
	10:30				1000			TEST TECH LINE Tool
		3	20		2000			OPEN SAME
		3	10		1200			LINE HUB 2 7/8 H2O
		3	10		1200			MIX 3 PUMP 1st FLOW
		3			1000			PUMP H2O BEHIND 2 7/8 KUG
		3	36		500			START CUT
		3	10		750			FINISH CUT
					2000			DISP TUB
								CLOSE TOOL TEST
	11:20		24					REG. ON LOG
								BEV. OUT

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WICHITA, KS

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WELL DATA

FIELD _____ SEC _____ TWP _____ RNG _____ COUNTY ST. LOUIS STATE MO

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>6</u>		<u>5 1/2</u>	<u>KB</u>		
LINER						
TUBING	<u>11</u>		<u>2 3/4</u>	<u>KB</u>	<u>80ft</u>	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL CONFIDENTIAL

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>5/18/94</u>	DATE <u>5/18/94</u>	DATE <u>11/11/94</u>	DATE <u>11/11/94</u>
TIME <u>7:00</u>	TIME <u>10:30</u>	TIME <u>10:15</u>	TIME <u>12:00</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>C. K. ...</u>	<u>35F1</u>	<u>...</u>
<u>J. ADIB</u>	<u>...</u>	<u>...</u>
<u>C. ...</u>	<u>...</u>	<u>...</u>
<u>C. ...</u>	<u>...</u>	<u>...</u>
<u>C. ...</u>	<u>...</u>	<u>...</u>

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TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____

NE AGENT TYPE _____ GAL. _____

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 _____

PERFPAC BALLS TYPE _____

OTHER _____

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CONSERVATION DIVISION
WICHITA, KS

DEPARTMENT ...

DESCRIPTION OF JOB 2nd stage

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR ...

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>110</u>	<u>65/15 D2</u>			<u>620/1 1/2 MFL</u>	<u>164</u>	<u>127</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

REATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

REASON _____

PRESLUSH: BBL.-GAL. _____ TYPE _____

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

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 10

CEMENT SLURRY: BBL.-GAL. 76

TOTAL VOLUME: BBL.-GAL. _____

REMARKS _____

the statute to the extent
is made in
Texas

CUSTOMER
LEASE
JOB TYPE
DATE



HALLIBURTON

HALLIBURTON ENERGY SERVICES

CHARGE TO:

ANADARKO

ADDRESS

CITY, STATE, ZIP CODE

COPY

TICKET **EDW**

No.

590438 - 2

PAGE 1 OF 1

FORM 1906 R-13

1. SERVICE LOCATIONS <i>1. Anadarko</i>	WELL/PROJECT NO. B-2	LEASE HANKS	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE 5-18-94	OWNER S...
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA LOC	DELIVERED TO	ORDER NO.
3.	WELL TYPE O.2	WELL CATEGORY 01	JOB PURPOSE 450 2nd STAGE	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT.	DF			U/M		U/M	
<i>000-117</i>					MILEAGE	<i>100</i>		<i>2.75</i>		<i>275.00</i>
<i>009-134</i>					PUMP CLEANUP	<i>3085</i>				<i>1590.00</i>
ORIGINAL (vertical) CONFIDENTIAL (vertical) RELEASED (vertical) AUG 18 1995 (vertical) FROM CONFIDENTIAL (vertical) RECEIVED (vertical) CONSERVATION DIVISION WICHITA, KS (vertical) JUL 15 1994 (vertical)										

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			PAGE TOTAL	
CUSTOMER OR CUSTOMER'S AGENT SIGNATURE X <i>[Signature]</i>				TYPE LOCK		DEPTH		OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				FROM CONTINUATION PAGE(S)
DATE SIGNED				BEAN SIZE		SPACERS		WE UNDERSTOOD AND MET YOUR NEEDS?			SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	
TIME SIGNED				TYPE OF EQUALIZING SUB.		CASING PRESSURE		OUR SERVICE WAS PERFORMED WITHOUT DELAY?				<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered				TUBING SIZE		TUBING PRESSURE		WELL DEPTH		WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		
				TREE CONNECTION		TYPE VALVE		ARE YOU SATISFIED WITH OUR SERVICE?				

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>[Signature]</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X <i>[Signature]</i>	HALLIBURTON OPERATOR/ENGINEER <i>[Signature]</i>	HALLIBURTON APPROVAL

JOB LOG FORM 2013 R-4

DATE
4-28-94

TICKET NO.
677-067

CUSTOMER: *Amundson P&T* WELL NO.: *B-2* LEASE: *Hunko* JOB TYPE: *8 7/8 Siskell*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				F	C	TUBING	CASING	
	1350							Called out
	1700							on location
								Rig up
								Safety meeting
								1
								Run pipe
								D.P. Bell
	2110							Circulate with Rig Pump
	2115							Hook up cement
	2130							START lead cement
	2135	6	1647		✓	350		START Tail cement
	2157	6	377		✓	300		Release plug
	2207							Displace plug
	2208	6	110		✓	150 350		Limit plug
	2230	1			✓	1250		Release plug check first admit
								1-1/2
								Ps up shoe in
								RELEASED
								AUG 18 1995
								FROM CONFIDENTIAL
								Circulated cement to surface
								RECEIVED
								KANSAS CORPORATION COMMISSION
								JUL 15 1994
								CONSERVATION DIVISION
								WICHITA, KS

Is made in Wichita, Kansas
 800-393-7788
 Is made in Wichita, Kansas



HALLIBURTON ENERGY SERVICES

FORM 1905 R-13

CHARGE TO:
 ADDRESS: Andover Petroleum
 CITY, STATE, ZIP CODE:

COPY

TICKET 4

No. 677067 - 6

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>Liberal 2540</u>	WELL/PROJECT NO. <u>B2</u>	LEASE <u>Honke</u>	COUNTY/PARISH <u>Stevenson</u>	STATE	CITY/OFFSHORE LOCATION	DATE <u>4-28-94</u>	OWNER <u>Somec</u>
2. <u>Hugoton 2553B</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Calumet Drilling</u>	RIG NAME/NO. <u>8</u>	SHIPPED VIA	DELIVERED TO <u>Location</u>	ORDER NO.
3.	<input checked="" type="checkbox"/> SALES		WELL CATEGORY <u>D1</u>	JOB PURPOSE <u>8 1/2 Surface D1D</u>	WELL PERMIT NO. <u>15-189-21629</u>	WELL LOCATION <u>14-315-35W</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	ORIGINAL CONFIDENTIAL				MILEAGE	60		mi		2.25	165.00
000-016					Pump Charge	1766		ft			1220.00
020-018					Swiper Plug	1		EQ	898 in		130.00
40	806-60059				Centralizers			EQ		22.00	216.00
350	890-10803				Weld A			lb			14.50
220	806-70060				Concrete Backer			EQ			122.00

CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 15 1994

CONSERVATION DIVISION
WICHITA, KS

RELEASED

AUG 18 1995

FROM CONFIDENTIAL

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 4-28-94 TIME SIGNED 1840
 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?			
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?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	1867.15
FROM CONTINUATION PAGE(S)	9360.20
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	11227.70

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 Lewis</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X <u>Terry Lewis</u>	HALLIBURTON OPERATOR/ENGINEER <u>Orville A. ...</u>	EMP #	HALLIBURTON APPROVAL
-------------------------------------------------------------------	------------------------------------------------------------------	--------------------------------------------------------	-------	----------------------

JOB LOG FORM 2013 R-4

DATE 5-10-

CUSTOMER		WELL NO.	LEASE	JOB TYPE	TICKET NO.	
Anandavanantham Road		13-2	Hauke	5 1/2 Pool String	677366	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS (TOP) (C)	PRESSURE (PSI) (TUBING) (CASING)	DESCRIPTION OF OPERATION AND MATERIALS
	2000					Time Collected
	21400					Time Ready
	2230					Time on loc. CONFIDENTIAL
						Start Pump Casing
						Casing inside ORIGINAL
						RELEASED
	0315					Heckup To Circulate Casing
	0325					Circulate Casing where Pump
	0327					Circulate Mid To Gradual Level
						FROM CONFIDENTIAL
	0428					Heckup To Pump Truck
	0431	5	20		450	Start 2% KCl Ahead
	0435	/	30		450	Start Mid Flush
	0441	/	20		450	Start 2% KCl Behind
	0445	6			400	Start Mix Cement
	0448	/	16.8		350	Start Tail Cement
	0456	/	53.28		250	Finish Mix Cement
	0457	/	70.08		250	Shut Down Deep Plug
						Wash Pump's & Lines
	0500				150	Start Displacement
			136.13			
	0525				700	Plug Down Float Held + Circulate Fluid Then Job
						RECEIVED
						KANSAS CORPORATION COMMISSION
						Thanks For Calling Halliburton Energy
						JUL - 15 1994
						Close + Crew
						CONSERVATION DIVISION
						WICHITA, KS
						KCC
						JUL 11
						CONFIDENTIAL



HALLIBURTON

HALLIBURTON ENERGY SERVICES

CHARGE TO

ADDRESS *Anadarko Petroleum Corp*

CITY, STATE, ZIP CODE

COPY

TICKET *ED*

No.

677366 - [8]

PAGE 1 OF

FORM 1906 R-13

SERVICE LOCATIONS 1. <i>25540 Lusk, KS</i> 2. <i>25535 Hays, KS</i>	WELL/PROJECT NO. <i>13-2</i>	LEASE <i>Hawke</i>	COUNTY/PARISH <i>Stevens</i>	STATE <i>Ks</i>	CITY/OFFSHORE LOCATION	DATE <i>5-10-94</i>	OWNER <i>Anadarko</i>
TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO. <i>Grd Dely 8th</i>	SHIPPED VIA <i>Loc</i>	DELIVERED TO	ORDER NO.	
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE <i>035 5 1/2 Prod Stg</i>	WELL PERMIT NO.	WELL LOCATION <i>W of Moscow</i>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

ORIGINAL

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
<i>000-117</i>			MILEAGE	<i>56</i>	<i>Miles</i>			<i>2.75</i>	<i>147</i>
<i>001-016</i>			<i>Pump charge</i>	<i>5762</i>	<i>FT</i>				<i>2000</i>
<i>030-016</i>			<i>5th Top Plug</i>	<i>1</i>	<i>Exd</i>			<i>60.00</i>	<i>60</i>
<i>12A</i>	<i>825-205</i>		<i>Guide Shoe</i>	<i>1</i>	<i>Exd</i>				<i>121</i>
<i>214A</i>	<i>815-19251</i>		<i>Insect Flt</i>	<i>1</i>				<i>110.00</i>	<i>110</i>
<i>27</i>	<i>815-19311</i>		<i>Filters</i>	<i>1</i>				<i>55.00</i>	<i>55</i>
<i>40</i>	<i>806-6022</i>		<i>Centralizers</i>	<i>1</i>				<i>44.00</i>	<i>44</i>
<i>320</i>	<i>806-70030</i>		<i>Basket</i>	<i>1</i>				<i>110.00</i>	<i>110</i>
<i>018-315</i>			<i>Mud Flush</i>	<i>1260</i>	<i>gal</i>			<i>65</i>	<i>8190</i>
<i>314-163</i>			<i>Clow II</i>	<i>2</i>	<i>QL</i>			<i>24.00</i>	<i>48</i>

CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION JUL 15 1994 CONFIDENTIAL CONSERVATION DIVISION WICHITA, KS

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CUSTOMER OR CUSTOMER'S AGENT SIGNATURE
X John Sheehan
DATE SIGNED
TIME SIGNED

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?	<input type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL *3947.70*

FROM CONTINUATION PAGE(S) *3562.00*

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) <i>John Sheehan</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X John Sheehan</i>	HALLIBURTON OPERATOR/ENGINEER <i>Dennis Combs</i>	EMP # <i>59179</i>	HALLIBURTON APPROVAL
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