API No. 15 - 129-21164-0000 ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM ACC-1 WELL HISTORY

ACO-1 WELL HISTORY	County 1101 COTT
DESCRIPTION OF WELL AND USE	SW -SW - NE - NW sec. 36 Twp. 32 Rge. 40 East West
Operator: License # _ 5952	4030 Feet from SN (circle one) Line of Section
Name: Amoco Production Company	3690 Feet from EAV (circle one) Line of Section
Address P.O. Box 800, Rm. 2118	Footages Calculated from Nearest Outside Section Corner: NE, SE, NW, or SW (circle one)
City/State/Zip Denver, CO 80201	Lease Name Drew G.U. A Well # 3HI Field Name Hugoton
Purchaser:	Producing Formation Chase
Operator Contact Person: <u>Julie Victor</u>	Elevetion: Ground 3218 KB 3230
Phone (303) 830-4009	Total Depth2757'PBTD2710'
Contractor: Name: Cheyenne Drilling	Amount of Surface Pipe Set and Cemented at 522 Feet
License: 5382	Mulitple Stage Cementing Collar Used? YesX No
Wellsite Geologist:	If yes, show depth set Feet
Designate Type of Completion X New Well Re-Entry Workover	If Alternate II completion, cement circulated from
Oil SWD SIOW Temp.Abd. X Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc.)	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Security P-12 93
f Workover/Re-entry: old well info as follows:	Chloride content 5800 ppm Fluid Volume 2140 bbls
Operator:	Dewatering method used <u>dried and filled</u>
Well Name:	Location of fluid disposal if hauled offsite:
Comp. Date Old Total Depth	
Deepening Re-perf. Conv. to Inj/SWD PBTD	Operator Name
Commingled Docket No. Docket No.	Lease Name License No
Other (SWD or Inj?) Docket No.	Quarter SecTwpS.RngE/W
6/9/93 6/12/93 7/8/93	County Docket No
Spud Date	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 ind statements herein are complete to the best of my knowledge.	Istry have been fully complied with and the $Q-16-93$
Signature	K.C.C. OFFICE USE ONLY
Title Permitting Representative Date July 27, 1993	F Letter of confidentiality Attached C Wireline Log Received
Subscribed and sworn to before me this 27 day of July , 1993	C Drillers Timelog Received
Notary Public Sunan Callehan	Distribution 6 (S)
Date Commission Expires August 02, 1694	KCC SWD/Rep NGPA Other
• • • • • • • • • • • • • • • • • • •	(Specify)
	_

sec. <u>36</u> T	wp. <u>32</u> Rg	⊠_ West	ou_mey	Mame	Drew G.U. Morton		ell # 3HI			
and closed, flowing	and shut-in pressur		essure reached sta	tic level, hydr	ostatic pressures,		nperature, fluid recovery,			
Drill Stem Tests Te (Attach Additio	L-	Yes X No	X Lo	g Form	ation (Top), Dept	th and Datums	Sample			
Samples Sent to Ge	ological Survey	Yes X No								
Cores Taken Electric Log Run (Submit Copy.) List All E. Logs Run		Yes X No	Krid	Herington 2,331' Krider 2,355' Winfield 2,399'						
nst All E. Logs Ruit	•		Ft.	Riley scil Grove	2	,534' ,638'				
		CASING RECO	_/LX New	_	e, 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#	522 '	Class C	320				
Production	7-7/8"	5- <u>1</u> /2"	15.5#	2,757'	Class C	450				
urpose:	Depth	ADDITIO	NAL CEMENTING/S # Sacks Used	SQUEEZE REC	 	Percent Additiv	/es			
Perforate Protect Casing	Top Bottom				··					
Plug Back TD Plug Off Zone										
Shots Per Foot		N RECORD - Bridge Plu ootage of Each Interval	• •	l	Acid, Fracture, Sh	•	eeze Record Depth			
4	2332-2336';	2360-2378'; 240	00-2420';	Frac wit	h 64,500 ga	l. fluid a	nd 2332-2560'			
	2476-2512';	2530-2560'		245,080#	12/20 Brac	ly sand				
		•				<u> </u>				
UBING RECORD	Size	Set At	Pecker At	Liner Run	Ye	s X No				

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity													
N/A Yes X No		2476-	-2512'; 25	30-25	60'			245,080# 12/20 Brady sand					
N/A Yes X No	-		<u> </u>							· · · · · · · · · · · · · · · · · · ·			
N/A Yes X No	· ·					_				÷			
Estimated Production Per 24 Hours Disposition of Gas: Method Water Bbls. Gas-Oil Ratio Gravity		Siz	ze	Set A	it	Packer A	vt .	Liner Run		Yes X No	•		
Per 24 Hours Disposition of Gas: METHOD OF COMPLETION Set of Statistic med Ver Statistic med Ver Perf. Dually Comp. Dually Comp. Dually Compiled 2332-2560¹	Date of First,Resum	ed Produc	ction,SWD or I	nj Pro	ducing Method	X	Flov	ving	Pumping	Gas Lift	Other (Explain)		
Vented X Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2332-2560		ח	Oil	Bbls.	Gas	Mcf	Wate	r E	3bls.	Gas-Oil Ratio	Gravity		
Vented X Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2332-2560	Disposition of Gas:	•			MET	HOD OF	COMP	LETION	e ទ េកស៊ីកស់១	ajmmoO yêñ	Production Interval		
(If vented, submit ACO-18) Other (Specify)	Vented X Sold Used on Lease Open Hole X Perf.								125 A 251 P) <u> </u>	_2332-2560'		
	(If vented, submit a	ACO-18)			Other (Speci	ify)				_			

B LOG

FORM 2013 F. 2

WELL NO. 3HI LEASE Drew G. U. A. TICKET NO. 345107

CUSTOMER Cheyeare Dre page No. 1

JOB TYPE 8916 500 Core DATE 6.9.93

CHART		RATE	VOLUME	PUM	PS	PRESSURE	E (PŚI)	
No.	Ti ME	(BPM)	(BBL) (GAL)	Τ	С	TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
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,	16.30						-	ON foretion, rig drilling
/	16:45							Safter meeling, set up Co Tak
	12:45					,	,	Start casing, run flecting equal.
	18:30							Casine on battern
	18:40							bookup un rig circulating
	18:45							bookup iven, Co. Tek.
	18:47	6	62		7		200	Start lead Coment
	18:58	6	35		1		_	Start tail Coment
	19:06						4	Shet down, drap plug
	19:08	6	30.5		1		150	Steet weter displecement
	19:08				Х		150	Conest circulated to surface
	19:15						250	Plug landed
	19:15						400_	-
	19:17							5ht in head
	19:30		i i					Job Complete
	,,,,						•	
								Thanks for Calling
			-	Ċ				Hellburten
					:			Rehard C
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						-		Plug landing PST = 250 #
	-				<u> </u>			Slucey Cocoleted = 30 bbls
	`			ļ				
								Mongo PSI STand Cont = 200 # Displ = 250 #
								Acres PSI STUNGEN = 200 H
								Displ - 250 #
1								peal Cont = 6 R.P.M.
			· · · · · · · · · · · · · · · · · · ·	<u></u>				Average Rate & Tail Cont = 6 B.P.M.
		=						Displ = G BPM
		• • • • • • • • • • • • • • • • • • • •					-	Average Rite Fail Cont = 6 B.P.M. Displ = 6 B.P.M. Overall = 6 B.P.M.
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FIELD OFFICE



WORK ORDER CONTRACT والمراوي والم والمراوي والمراوي والمراوي والمراوي والمراوي والمراوي والمراو

ATTACH TO INVOICE & TICKET NO.	807 <u>_</u>
HAVOIGE & TIGINET HO	

FORM B	908.B-7 H A Division of Halliburton Company	AND PRE-TRE	ZIMENI D	AIA	INVOICE	FACH TO & TICKET NO	<u> </u>	<u> </u>
DISTRI	ет			· · · · · · · · · · · · · · · · · · ·		DATE	6 90 5	
		ARE HEREBY REQUESTED		*		CEMBN 40.1	DELIVER A	ND OPERATE
	THE SAME AS AN INDEPENDENT CONTRACTOR." AND DELIVER AND SELL PRODUCTS, SUPPLIES,	, v., 		(CUSTOM	ER)	· - ±.		
•			WEOSE OF SERV	/icii4c				
WELL	NO. 11 LEASE	.1. L.D. H.	SEC	<u> </u>	_TWP	±200 }-2,	'RĀN	VGE 25 2
FIELD.	A A COUNTY	STATE	<u> </u>	OWNED				<u> </u>
	2	ORMATION WAS FURN	ISHED BY T		1		 	MAX, ALLOW.
FORMA NAME			USED	WEIGHT!	SIZE	FROM	I.Ö	P.St.
FORMA THICK!		TOCAS	NG (I)	W.	Far. Barel	NE	32	
PACKE	R:TYPES	ETÁT	R					· F
	DEPTHMUD WEIGHT_		NG					-
	4 . 7.	· · · · · · · · · · · · · · · · · · ·	N HOLE		12%	RE	1 3 45 24	SHOTS/FT.
BORE.	PROD: OIL BPD, H2O BP	PERI	ORATIONS			1		<u></u>
	NT PROD: OIL BPD, Had BP	PERI	ORATIONS	· · · · · · · · · · · · · · · · · · ·				
PRESE	INTEROP: OIL STEEL BURN HIS OF THE BURN HIS OF	- 4	ORATIONS	: "	, 		,	_
PREVIO	OUSTREATMENT: DATE	TYPE'		MATERIALS				
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,	A A Ada				 			<u> </u>
CUSTO	MER OR HIS AGENT WARRANTS THE WELL IS IN	PROPER CONDITION TO REC	EIVE THE PROD	UCTS.SUPPLIE	S. MATERIA	LS. AND SE	RVICES	
Asc	onsideration, the above-named Customer agrees:	IS CONTRACT MUST BE SIGNED BE	FORE WORK IS CO	MENCED ==				···=*#.=' ···-
	To pay Halliburton in accord with the rates and ferms stated payment of Customer's account by the last day of the month for but never to exceed 18% per annum. In the event it becomes of 20% of the amount of the unpaid account.	allowing the month in which the invoice	is dated. Customer a	grees to pay intere	st thereon after	default at the h	ighest lawful cor	ntract rate applicable
þ)	To defend, indemnify, release and hold harmless Halliburton, its any, claims, liability, expenses, attorneys fees, and costs of defe	divisions, subsidiaries, parent and affi	liated companies and	the officers direct	ors, employees	, agents and ser	vants of all of th	em from and agains
	Damage to property owned by, in the possession of or "well owner" shall include working and royalty interest own	leased by Customer, and/or the well less.	owner (if different fr	om .Customer); incl	uding, but not l	imited to surfac	e and subsurfac	e damage. The term
	2. Reservoir, formation, or well loss or damage, subsurface to	respass or any action in the nature the						
:	 Personal injury or death or property damage (including, by from pollution, subsurface pressure, losing control of the w 	uf not limited to damage to the reservi cell and/or a well blowout or the use of	or, formation or well) radioactive material.	or any damages v	vhatsoever, gro	wing out of or in	any way conne	cted with or resulting
	The detense, indemnity, release and hold harmless obligations negligence, strict liability, or the unseaworthiness of any, vest the preparation, design, manufacture, distribution, or marketing not apply, where the claims or liability are caused by the grosubsidiaries, parent and affiliated companies, and the officers, of	sel owned, operated, or furnished by thereof, or from a failure to warn an as negligence or willful misconduct of	Hallburton or any d y person of such de Hallburton. The ten	efect in the data, pleet. Such defense,	roducts, suppli- indemnity, rele	es, materials, or ase and hold ha	equipment of H immless obligation	allibuiton whether in its of Customer shall
	That-because of the uncertainty of variable well conditions and supplies or materials, nor the results of any treatment or service will use their best efforts in gathering such information and thany damages arising from the use of such information.	e, nor the accuracy of any chart inter	pretation, research ar	alysis, jöb recomm	endation or othe	er data furnished	d by Halliburton.	Halliburton personns
-7.	That Halliburton warrants only title to the products, supplies OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH E eause of acting whicher in contract, tort, breach of warranty commaterials on their return to Halliburton or, at Halliburton's openitive or consequential damages.	XTEND BEYOND THOSE STATED IN or otherwise) arising out of the sale or	THE IMMEDIATELY I	PRECEDING SENT supplies or materi	ENCE. Halliburi als is expressly	ton's liability and limited to the re	Customer's exceptacement of su	lusive remedy in any ch products, supplie
e)	That Customer shall, at its risk and expense, attempt to recove shall pay Halliburton its replacement cost unless such loss is the lesser of its replacement cost or the cost of repairs unlesshall, in addition to the foregoing, be fully responsible for loss returned to the landing, unless such loss or damage is caused to	due to the sole negligence of Hallibu ss such damage is caused by the sol s of or damage to any of Halliburten	rton. If Halliburton ed e negligence of Hallil	uipment, tools or in ourton in the case	nstruments are of equipment.	damaged in the tools or instrument	well, Customer ents for marine	shall pay Halliburtor operations. Custome
f).	To waive the provisions of the Deceptive Trade Practices - Cons		ž-				4 6 453	7
g); h);	That this contract shall be governed by the law of the state who That Halliburton shall not be bound by any changes or modifica			tion is made in writi	ng.by a duly at	ithorized e	e officer of Hall	iburton
7.71	The second secon		1 HA	VE READ AND UND I AM AUTHORIZED	ERSTAND THIS	S CONTRACT AN	ND REPRESENT	*A. ***
		a \	SIGNED		<u> </u>	nalowell)	- V	
	and the Brendston and the Fig. 200	ervi na initia mila waka sa e	DATE	* * ±	 	e t f		

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.

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JOB SUMMARY

HACLIBURTON (DIVISION _____

HALLIBURTON LOCATION BILLED ON WELL DATA FIFT D RNG COUNTY STATE NEW WEIGHT SIZE FROM то FORMATION NAME CASING LINER MCFO APD WATER - - - - - - - GAS TUBING OPEN HOLE SHOTS/FT. MUD TYPE: PERFORATIONS PACKER TYPE PERFORATIONS BOTTOM HOLE TEMP PRESSURE PERFORATIONS MISC. DATA_ JOB DATA CALLED OUT ON LOCATION JOB STARTED JOB COMPLETED TOOLS AND ACCESSORIES TYPE AND SIZE MAKE OTY. DATE DATE DATE DATE 21/2 FLOAT COLLAR TIME TIME TIME TIME: FLOAT SHOE PERSONNEL AND SERVICE UNITS GUIDE SHOE UNIT NO. & TYPE LOCATION CENTRALIZERS BOTTOM PLUG 11 TOP PLUG HEAD. PACKER (_) OTHER MATERIALS TREAT FLUID DENSITY O LB/GAL-API DISPL. FLUID DEPARTMENT. DESCRIPTION OF JOB. FLUID LOSS ADD TYPE FRIC RED. AGENT TYPE CASING [JOB DONE THRU ANNULUS 🔲 TBG/ANN. 🔲 BREAKER TYPE BLOCKING AGENT TYPE. OTHER. COPIES HALLIBURTON OTHER. **CEMENT DATA** NUMBER OF SACKS BULK YJELD CU.FT/SK MIXEÓ ADDITIVES STAGE CEMENT BRAND LBS./GAL 776 8 44 3 3. مور عوالتي PRESSURES IN PSI SUMMARY VOLUMES CIRCULATING DISPLACEMENT. PRESLUSH: BBL -GAL BREAKDOWN LOAD & BKDN: BBL, GAL AVERAGE. FRACTURE GRADIENT DISPL: BBT. GAL. CEMENT SLURRY BEEGAL HYDRAULIC HORSEPOWER SHUT-IN: INSTANT TOTAL VOLUME: BBL GAL REMARKS ORDERED. AVAILABLE AVERAGE RATES IN BPM 13 TREATING. CEMENT LEFT IN PIPE



BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND	2111 110 110 113
TICKET NO	<i>- 445707</i> :

DATE	CUSTOMER ORDER	'ΝΩ		2 WELL NO. AND FARM	·	Icoi	NTY				STATE	
06-09-93	•			Drew G.U. A	\$3HI	. 1	Nort	cn ·			Kans	as
CHARGE TO .	- ' 		<u>-</u>	OWNER		CONTRAC				T <u>=</u>		
Chairene F	enta"	•	, , ,	Brance Dundage	tion	· cha	11 P/23 PT 47	יז מם מי	+∯ 3	No. B	1712	03
Chevenne I	12 de			Amoco Produc	savit.	LOCATIO	CODE	e R8ig	RED BY	<u> </u>		
ANTWO AT A TE	. ;	<u>.</u>	,	Higoton, Ks	1	025	535		ke (3ilber	t	
CITY & STATE			•	NE/Rolla; Ra		51984		. 1	RED BY	all	•	
PRICE REFERENCE	SECONDARY REF, OR PART NO.	CODE		DESCRIPTION		UNITS	1	UNITS	52_	UNIT PRICE	AMOUNT	г
, ici chende	PART NO.	L D	<u></u>			QTY.	MEAS.	QTY. ,	MEAS.	•	<i>y</i>	
_504-050	516.00265	2 1	1	um Plus Cement		150	38.		-	8.95		50
504-120		2 E	Halli	burton Light Cemer	ոե	170	sk	•] 	8.05	1368	50
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506-105	516.00286						·	 				
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507-210	890.50071	2 F	Floce	le \30/ 320	:	80	15	.,		7.40	112	-00
509-406	890.50812	2 8	Calci	um Chloride 29W/	320	. 6	зķ	,	<u> </u>	28.25	169	50
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			SERVICE CH	ARGE ON MATERIALS RETURNED	k _		cu.	FEET.			1 61993	
500-207		7 2		<i>t</i>	*			•	337	1.04	421	1
	<u>. </u>	2 5	acity ioc city		, ,		_	FEET		1.15		.25
500-306	<u></u> .	2 8	Mileage Charge	30,337 TOTAL WEIGHT		ED WIFES.	- 1	151.68 IMILES		85	128	93,
No. B 17	1202	,			CAR	RY FORWAR		-		TOTAL	,	
NO. D 4. f	1203		FORM 1911 - R71						<u>, </u>		5.54	10



TICKET No. 345707-X

FORM 1906 R-11	• •						•				,	
WELL NOFARM OF	R LEASE NAME			COUNTY	• .	STATE	CITY / OFF	SHORE LOCA	TION	,	DATE	
195 1	10 1 CD	L		Mustin	·	115					6.9.9	?
CHARGE TO		•	-		OWNER				ET TYPE (C	•		NO X
ADDRESS	Della				CONTRACTO				OCATION	SALES	CODE	NOEZ
ASSILESS.				, , , , ,	100	n z	À 2	1	11	<i>i</i> .	' ·	#* 4 # N
CITY, STATE, ZIP					SHIPPED VI	A FREE	GHT CHARG	ES D	OCATION	* / <u> </u>	CODE	<u> </u>
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WELL TYPE	WELL CATEO	ORY	٠	WELL PERMIT NO.	DELIVERED	то .		3,	OCATION		CODE	
TYPE AND PURPOSE	OF 100		*		ORDER NO.	1		J		1701		
:			٠	B-	ORDER NO.	Ŀ		KEFE	RRAL LOC	AllON		
As considerati	on, the above-named Custon	ner agi	rees to pay Ha	liburton in accord with the rates and to	rms stated in if	alliburton's current p	rico lists. Invo	pices payable N	ET by the 2	20th of the f	ollowing month after	r date
lawful contract rat fees in the amount Halliburton w FITNESS FOR A PAR (whether in contract on their return to Ha damages,	a applicable, but nover to ext. of 20% of the amount of the production of the produc	eed 1 unpai ucts, s EHWIS h of w option	8% per annum d account. The upplies and ma E WHICH EXT varranty or oth n, to the allow	illibuton in second with the rates and to unt by the last day of the month follow. In the event it becomes necessary to se terms and conditions shall be governe tenials and that the same are free from END BEYOND THOSE STATED IN THE IN erwise) erising out of the sale or use o ance to the customer of credit for the arce.	employ on attorned by the law of defects in work MMEDIATELY Pi f any products, cost of such its	ney to enforce collect the state where servi manship and materials ECEDING SENTENCE supplies or materials ems. In no event shall	ion of said a ces are perfo s. THERE ARI Halliburton Is expressly I Halliburton	ccount, Custon med or equipn E NO WARRAN's liability and limited to the be liable for s	ner agrees to pent or mat TIES, EXPRI customer's replacemen pecial, inclu	o pay ell col erials are fur ESS OR IMPL exclusive rei it of such pr lental, indire	oction costs and attributed. JED, OF MERCHANTA mody in any cause o oducts, supplies or n ct, punitive or conse	Orney ABILITY, of action naterials equential
PRICE	SECONDARY REF	L		DESCRIPTION	O N	UNIT	S 1 ,	UNIT	S 2	UNIT	AMOUN	
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EXTRA COPY

HALLIBURTON SERVICES JOB LOG

FORM 2013 R-2

WELL NO. 3 H | LEASE DREW GU'A" TICKET NO. 345 805

CUSTOMER CHEY FAME DELG PAGE NO.

CHART		RATE	VOLUME	PUM	PS	PRESSURI	E (PSI)	
CHART NO.	TIME	RATE (BPM)	(GAL)	Т	С	TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0500							CAlled-out - REQUESTED 0900
:	0830							ON Lac - T.O. H. + LAY-down D.P.
	1040							Csg. CREW - Rig-up
	. 46.3	-				. ,		RUN CSg.
	1236			1	-			Hook-up to circulate
		-						Sotety meeting
-	1252	3-5	-20		I	- "	150	Pump HEO preflush
	1258	6-7	110		سد			Lung lend cont.
	1314		35-		1	7 .		Pump tail ent
	1322	:	-			*;		DRUD pla
	1323						21	WASh PUMP & LINES
	1325				~			Start Displacement.
	1333	6-2	50		/	-	450	REduce RATE - lost circulation
	1335	2	54		1	,	200	
	1341	2	65	-	~		1000	
	1342	0					0	Floot held 15 BAS.
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JOB SUMMARY

HALLIBURTON EASTERN

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ORMATION	NAME		TYP	E			NEW USED	WEIGHT	SIZE	FROM	то	MAXIMUM PS ALLOWABLE
	N THICKNESS	F	ROM	то_		CASING	1	15/2	5/2	KB	2749,57	
NITIAL PRO		BPD. WATER	BPD	GAS	MCFI	LINER				•		
	ROD: OIL	BPD. WATER_	BPD,		MCF	TÚBING						
OMPLETIC		MUD TYP	E	MUD W	σ	OPEN HOLE	:		27/8	848	2157	SHOTS/FT.
ACKER TY						PERFORATI	ons					
-	DLE TEMP:	_	_PRESSURE			PERFORĀTI	ÖNS					
IISC. DATA		-	TOTAL	DEPTH		PERFORATI	ONS					· ·
	_	_			JOE	DATA						
_		TOOLS AND ACC	ESSORIES			CALLED QU		ON LOCA		JOB STARTE		COMPLETED
	TYPE AND	SIZE	QTY.		MAKE	DATE 6 -	12-9	B DATE 6	,-12-93	DATE 6-1	7-93 DAT	E 6-12-9
LOAT COL	em /ISER	tfhat/5.11	m /	h	lowes	TIME 050		TIME O		TIME /2:		1345
EKTSHE	E REGUET	RR 51/2		1 1	owed			PERS	ONNEL AN	D SERVICE		-
SUIDE SHO	E 7				-			NAME		UNIT NO. 8	TYPE	LOCATION
ENTRALIZ	ERS 5-4	5/2	1		11		POUE	た	•	75496	, <u> </u>	, .
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ROP. TYPE		SIZE		LB.	-							
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	AGENT TYPE	GAL		IN								
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THER		_				HALLIBURTO _ OPERATOR_		n_le	y EX		COPIES REQUESTED	
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STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK			ADDI"	TIVES			YIELD	MIXED
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	300	CIT WH.	<u>-</u>	18.	14 73k	Flocele			-, -		2.06	12.3
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100111 - 221	ue.	PRESSURES IN			SUM	MARY	٠ ١	20	VOLU			
IRGULATIN REAKDOW			ISPLACEMENT AXIMUM			PRESLUSE: 88		_		TYPE.		
			•		,	LOAD & BKDN:		<u></u>): BBL.GAL	111.
VERAGE	·	•	JRE GRADIENT_		•	TREATMENT: B	_	.) =-	d 110		PL: (BBL) GAL. (4	1
HUT-IN: IN	STANT	HYDRAULIC HOP	RSEPOWER	15-MIN	-	. CEMENT SLUR	><	_{ĠAL,} <u>とどう</u> ろった	0 00 1		7 6.0	COOP O
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er_ '/	7.27		FOX YOU	12	<u> </u>							•



WORK ORDER CONTRACT

AND PRE-TREATMENT DATA ATTACH TO FORM 1908 R-7 A Division of Haliburton Company DISTRICT_EAST DATE _ (2 - 17 YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE HALLIBURTON SERVICES TO: THE SAME AS AN INDEPENDENT CONTRACTOR TO: MEVENNE (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING STATE OWNED BY THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT NEW MAX. ALLOW. P.S.I. FORMATION WEIGHT FROM TO NAME TYPE FORMATION CASING 21642 FROM THICKNESS LINER PACKER: TYPE. SET AT TUBING TOTAL DEPTH _ MUD WEIGHT OPEN HOLE SHOTS/FT. BORE HOLE PERFORATIONS INITIAL PROD: BPD, H₂O. _ BPD, GAS MCF PERFORATIONS PRESENT PROD: BPD, H2O ___ BPD, GAS_ MCF **PERFORATIONS** MATERIALS PREVIOUS TREATMENT: DATE TREATMENT INSTRUCTIONS: TREAT THRU TUBING 🗆 ANNULUS 🖸 CASING 🗆 TUBING/ANNULUS 🗎 HYDRAULIC HORSEPOWER ORDERED 300 CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED. As consideration, the above-named Customer agrees: 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, fiability, 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, indomnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict (lability, 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 warm 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 cervices 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 any damages arising from the use of such information.
- That Haliburton 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. Haliburton'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 in their return to Haliburton or, at Haliburton's option, to the allowance to the Customer of credit for the cost of such Items, in no event shall Haliburton be liable for special, incidental, indirect, which is a consequent of the cost of such Items, in no event shall Haliburton 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 to 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, f)
- That this contract shall be governed by the law of the state where services are performed or materials are furnished. g)

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 differ of 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 differ of 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 differ of 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 differ of 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 differ of 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 differ of Halliburton shall not be bound by any changes or modifications in this contract, except where such changes or modifications in the same of the same and the MER'S AGENT.

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

A.M. P.M.



BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND SUS 805

A Division of Halliburton Company WELL NO. AND FARM COUNTY Drew G. U.A. 3HI NZ. 05-12-93 Morton CHARGE TO CONTRACTOR No. B 171218 _Cheyenne Drlg." Апосо Cheyenne \$2 MAILING ADDRESS DELIVERED FROM LOCATION CODE PREPARED BY Hugoton, Ks 025535 Pierce DELIVERED TO CITY & STATE TRUCK NO. RECEIVED BY U/ Rolla SECONDARY UNITS 1 UNITS 2 UNIT PRICE AMOUNT REF. OR . PART NO. DESCRIPTION L D QTY. MEAS. QTY. MEAS. Halliburton Light Coment 504-120 300 sk 8.05 2415 00 504-050 516,00265 506-105 516.00286 506-121 516.00259 504~650 516.00265 1342 50 Promium Plus Cement 150 sk 8.95 507-210 890.50071 Flocele @ 28 in all 113 lb 1.40 158 20 Returned Mileage Charge, LOADED MILES TON MILES CU. FEET SERVICE CHARGE ON MATERIALS RETURNED 500-207 25 SERVICE CHARGE -85 6 (B) 177 41,879 500-306 10 209-40 TOTAL WEIGHT LOADED MILES TON MILES 171218 No. B CARRY FORWARD TO INVOICE SUB-TOTAL FORM 1911 - R7 REV. 8-85



ПСКЕТ NO. 345805-9

A Division of Halliburton Company

FORM 1906 R-11	<u></u>								·					
WELL NOFARM OR	LEASE NAME			COUNTY		STATE	Ī	CITY / OFFS	HORE LOCAT	ON	<u> </u>	DATE		
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CITY, STATE, ZIP					SHIPPED VIA FREIGHT CHARGES				~ 7	2 LOCATION CODE				
WELL TYPE	WELL CATE	 -	WELL PERMIT NO.	I. PERMIT NO. DELIVERED TO					2 LOCATION CODE					
TYPE AND PURPOSE (OF JOB		<u>-</u>	Ď						REFERRAL LOCATION				
A	at the above to the first		4 Pal	B - , , , , ,	<u> </u>	cart a d		- P-4 - 1		Th.at-	00-L -f -t - f-			
of invoice. Upon Cu lawful contract: rate foas in the amount of Holliburton we FITNESS FOR A PARI (whather in contract, on their return to Hal damages.	stormer's default in paymon epplicable, but never to 720% of the amount of the prints only title to the gred CCULAR PURPOSE OR OTH tort, product liability, broad liburton or, at Halliburton's	t of Cu cood 1 umpai ucts, s ERWIS th of w option	stomer's seconds by per annum, of account. The upplies and make WHICH EXTIVER or other to the allowers.	illiautori in second with the rates ond it int by the last day of the enemth follow in the event it becomes necessary to se terms and conditions shall be govern terials and that the same are free from ND BEYOND THOSE STATED IN THE II orwise) arising out of the sale or use truing to the customer of credit for the land to the customer of credit for the	ring the month amploy an atto ad by the law of defects in work VMEDIATELY Port and products cost of such law.	in which the is mey to enforce the state who monship and a RECEDING SE , supplies or n lems. In no ev	materials NTENCE natorials ent shall	dited, Custon of said actes are perfor THERE ARE Halliburton's is expressly	the payable has present to count, Customs med or equipm at the war and the state of	pay internet agrees to mail or	est thereon of the pay ell collaboration pay ell collaboration in the pay ellipse in	tor default at the ection costs and a sished. IED, OF MERCHAN nedy in any cause oducts, supplies or ct, punitivo or con	TABILITY, of action materials	
PRICE	SECONDARY REF	L	T	DECODINE	DESCRIPTION			UNITS 1			UNIT	44401		
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WAS OPERATION OF EQU	PMENT SATISFACTORY? _		<u></u>	FURNISHED UNDER THIS CO	MITHACT.							,		
	ERSONNEL SATISFACTORY	7									SUB TOTAL	1 1	<u> * 1</u>	
CUSTOMER OR	HIS AGENT (PLEASE I		* HALLIBUT	tion oper	ATOR					APPLICABLE TA BE ADDED ON				
CUSTOMER OR	HIS AGENT (SIGNATU	RE)	·	HALLIBURTON APPROVAL			 -		RETAIN	•				

RETAIN

DRILLERS LOG

AMOCO PRODUCTION COMPANY DREW GU "A" NO. 3 HI SECTION 36-T32S-R40W MORTON COUNTY, KANSAS

COMMENCED: 06-09-93 COMPLETED: 06-11-93

SURFACE CASING: 512' OF 8 5/8" CWTD W/170 SX LT "C", 2% C.C., 1/4#/SX FLO-CELE; TAILED IN W/

150 SX "C", 2% C.C., 1/4#/SX FLO-CELE.

FORMATION	DEPTH
SURFACE HOLE	Q- 522
RED BED & SAND	522- 531
RED BED	531- 778
WATER SAND	778- 840
RED BED	840-2240
SHALE	2240-2600
SHALE & LIME	2600-2757 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE BRILLING, INC

A.J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 15TH DAY OF JUNE, 1993.

BECKY J. WHETSTONE
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 4/29/95

BECKY J. WHETSTONE, NOTARY PUBLIC

MR 1 6 1899