	CORPOR					
	WELL	COMPLI	HOITE	FORM		
	ACO~	1 WELI	LHIST	TORY		
DES	CPIPTI	ON DE	WELL.	AMD I	FACE	=

WELL COMPLETION FORM	County Hamilton
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	NE -NW - SW - sec. 34 Twp. 21S Rge. 39 X W
Operator: License # 32059	2310 Feet from SyN (circle one) Line of Section
Name: GULF PRODUCTION CORP.	990 Feet from EQ (circle one) Line of Section
Address 9701 N. Broadway Ext.	Footages Calculated from Nearest Outside Section Corner:
Oklahoma City, Okhahoma 73114	NE, SE, NW or (SW) (circle one)
City/State/Zip	Lease Name Harvey Well # 12-34
Purchaser:N/A	Field Name Wildcat
Operator Contact Person: Patrick E McGraw	Producing Formation None
Phone ( <u>405)</u> 840-3381	Elevation: Ground <u>3449</u> KB <u>3458</u>
Contractor: Name: MurfingDrilling Company, Inc.	Total Depth 5400 PBTD N/A
License: 30606	Amount of Surface Pipe Set and Cemented at 372' Feet
Wellsite Geologist: Jerry Stafford	Multiple Stage Cementing Collar Used? Yes X No
Designate Type of Completion	If yes, show depth set Feet
X New Well Re-Entry Workover	If Alternate 1I completion, cement circulated from
OilSMDSIGWTemp. Abd.  GasENHRSIGW	feet depth tosx cmt.
	Drilling Fluid Management Plan $P4-H$ $5-19-99$ $U$ . (Data must be collected from the Reserve Pit)
If Workover:	#
Operator: <u>AFR 2.8 1999</u>	Chloride content $28,000$ * ppm Fluid volume $\frac{2}{4}$ 400 bbls
Well Name: CONTIDENTIAL	Dewatering method used <u>Evaporation</u>
Comp. Date Old Total Depth	Location of fluid disposal if hauled offsite: *Sample tested was thick mud. Pit 95% dehydrated.
Deepening Re-perf. Conv. to Inj/SWD Plug Back PBTD Commingled Docket No. Dual Completion Docket No.	Operator Name Same as Above
Commingled Docket No.  Dual Completion Docket No.	Lease NameLicense No
Other (SWD or Inj?) Docket No.	Quarter Sec Twp S Rng E/W
4-12-99 4-20-99 N/A Spud Date Date Reached TD Completion Date	
pare Reactied in Completion Date	County Docket No
<ul> <li>Room 2078, Wichita, Kansas 67202, within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 12 months if requested in writing and submitted with the months). One copy of all wireline logs and geologist well;</li> </ul>	be filed with the Kansas Corporation Commission, 130 S. Market spud date, recompletion, workover or conversion of a well. side two of this form will be held confidential for a period of a form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS lls. Submit CP-111 form with all temporarily abandoned wells.
ith and the statements herein are complete and correct to the	gated to regulate the oil and gas industry have been fully complied ne best of my knowledge.
ignature Patrick E. McGraw	K.C.C. OFFICE USE ONLY  Fetter of Confidentiality Attached
intellimination Date 4-	29-99 C Wireline Log Received C Geologist Report Received
ubser bod Green share to before me this 29 day of Up	Distribution
terrolle Walnut 1h Kmileson	KCC SMD/RepNGPA
The state of the s	AATION COMMISSION (Specify)
M TOMA	TI COLOR
BOTTOMA PARTIES ON Expire DAMAN PARTIES MAY	0 3 1999 Form ACO-1 (7-91APR 2.8 2000

CONSERVATION DIVISION 5-3-99 Wichita, Kansas

FROM CONFIDENTIAL

1.

# ORIGINAL

5018

WELL NAME: Harvey 12-34 CONF	FIDENTIAL		P.O. Si
LOCATION : 34-21-19		Н	S.I. T
TICKET No. 11384 D.S.T. No. 1 DAT	E 4-19-99		samp
TOTAL TOOL TO BOTTOM OF TOP PACKERS	30		1
INTERVAL TOOL	•••		HMV 5'
BOTTOM PACKERS AND ANCHOR	24	Н	JARS 5
TOTAL TOOL	54	Н	
DRILL COLLAR ANCHOR IN INTERVAL	•••	H	
D.C. ANCHOR STND.Stands Single	Total	H	
D.P. ANCHOR STND.Stands Single 2	Total 63	Н	SAFETY
TOTAL ASSEMBLY	107	H	PACKER
D.C. ABOVE TOOLS.Stands6 Single	Total 558	H	PACKER DEPTH
D.P. ABOVE TOOLS.Stands46 Single 2	Total 4386		STUBB ANCHOR
TOTAL DRILL COLLARS DRILL PIPE & TOOLS	5051		1' c
MORAL ADDRES	F010		alpi
		H	631
	33	Н	
GAS;	;	H	
OIL;		H	
WATER;			T.C.
MUD;	i	H	DEPTH
Total; 4,000 ml.		H	
Pressure 1bs.	•	H	
		H	
		Н	1' c
Dec. uro		H	ak-1
STATE OF TEUT IVED		H	BULLNO
MAY 0 3 1995		íΙ	T.D.
	TICKET NO. 11384 D.S.T. NO. 1 DAT TOTAL TOOL TO BOTTOM OF TOP PACKERS INTERVAL TOOL BOTTOM PACKERS AND ANCHOR  TOTAL TOOL  DRILL COLLAR ANCHOR IN INTERVAL  D.C. ANCHOR STND.Stands Single D.P. ANCHOR STND.Stands Single 2 TOTAL ASSEMBLY  D.C. ABOVE TOOLS.Stands6 Single D.P. ABOVE TOOLS.Stands46 Single 2 TOTAL DRILL COLLARS DRILL PIPE & TOOLS TOTAL DRILL PIPE ABOVE K.B  TOTAL DRILL PIPE ABOVE K.B  REMARKS: GAS; OIL; WATER; MUD; Total; 4,000 ml. Pressure lbs.	TICKET NO. 11384 D.S.T. NO. 1 DATE 4-19-99  TOTAL TOOL TO BOTTOM OF TOP PACKERS 30  INTERVAL TOOL	WELL'NAME: Harvey 12-34  LOCATION: 34-21-19  TICKET NO. 11384 D.S.T. NO. 1 DATE 4-19-99  TOTAL TOOL TO BOTTOM OF TOP PACKERS 30  INTERVAL TOOL

г	~~1	ONIOHWA
	P.O. SUB 1'	4900
F	S.I. TOOL 5'	4906
	sampler 3'	4909
	HMV 5'	4914
	JARS 5' KCC	4919
	APA 2.8 1999	
	CONFIDENTIA	1
	SAFETY JOINT 2'	4921
1	PACKER top	4926
	PACKER bottom	4931
	DEPTH 4931 STUBB 1'	4932
-	ANCHOR 16' perf	4948
-	1' c.o.	4949
-	alpine recorder	4949
	63' drillpipe	5012
	T.C.	
-	DEPTH	
	RI	ELEASED
	AP	R 28 2000
	FROM	CONFIDENTIAL
-	1' c.o.	5013
	ak-1 recorder	5013
	BULLNOSE 5' bullplug	5018 5018

-MAY 0 5 1955

CONSERVATION DIVISION Wichita, Kansas

TRILOBITE TESTIN			
OPERATOR: Gulf Prod. Corp. CONFIDENTIAL REPORT OF THE CONTROL OF T	DATE 4-19-99 3459.00 ft TI 3449.00 ft FC 5018.00 ft TE	CKNT NO: 11384 RMATION: morrow ST TYPE: CONV.	RIGINAL
RECORDER DATA  Mins Field 1 2 PF 15 Rec. 11507 SI 30 Range(Psi) 4500.0 0.0 4995.0 SF 60 Clock(hrs) FS 120 Depth(ft ) 5013.0 0.0 4949.0	0.0	TIME DATA PF Fr. 0600 to 15 Fr. 0615 to 5F Fr. 0645 to	0615 hr 0645 hr 0745 hr 0945 hr
Field 1 2	3 4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	T STARTED 0312 T ON BOTM 0558 T OPEN 0600 T PULLED 0945 T OUT 1225	
Inside/Outside 1 0.0 2505.0		TOOL DATA Tool Wt. Wt Set On Packer Wt Pulled Loose Initial Str Wt Unseated Str Wt Bot Choke	5000.00 lbs 26000.00 lbs 92000.00 lbs 75000.00 lbs
RECOVERY Tot Fluid 20.00 ft of 20.00 ft in DC and 20.00 ft of heavy drilg mud 100% mud 0.00 ft of 0	KCC	Bot Choke Hole Size D Col. ID D. Pipe ID D.C. Length D.P. Length	5000.00 lbs 26000.00 lbs 92000.00 lbs 75000.00 lbs 75000.00 lbs 0.75 in 7.88 in 2.25 in 3.50 in 558.00 ft
0.00 ft of 0.00 ft of SALINITY 3000.00 P.P.M. A.P.I. Gravity 0.00	CONFIDENTIAL		
BLOW DESCRIPTION I.O 1/4"in. blow @ open built to 1/2".		MUD DATA Mud Type Weight Vis. W.L.	chem 9.20 lb/cf 48.00 S/L 9.60 in3 0.00 in
I.S.I No return		F.C. Mud Drop N	
F.F Weak surface blow died in 40 min.		Amt. of fill Btm. H. Temp. Hole Condition	0.00 ft 123.00 F
F.S.I No return		Htm. H. Temp. Hole Condition % Porosity Packer Size No. of Packers Cushion Amt. Cushion Type Reversed Out N Tool Chased N	0.00 6.75 in 2 0.00
SAMPLES: SENT TO:		Reversed Out N Tool Chased N Tester Sha Co. Rep. Contr. Rig # Unit #	ne Mcride Karl Murfin 25
Test Successful:	Y	Pump T.	

RELEASED

APR 28 2000

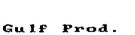
FROM CONFIDENTIAL

BECEIVED

MAY 0.5 1916

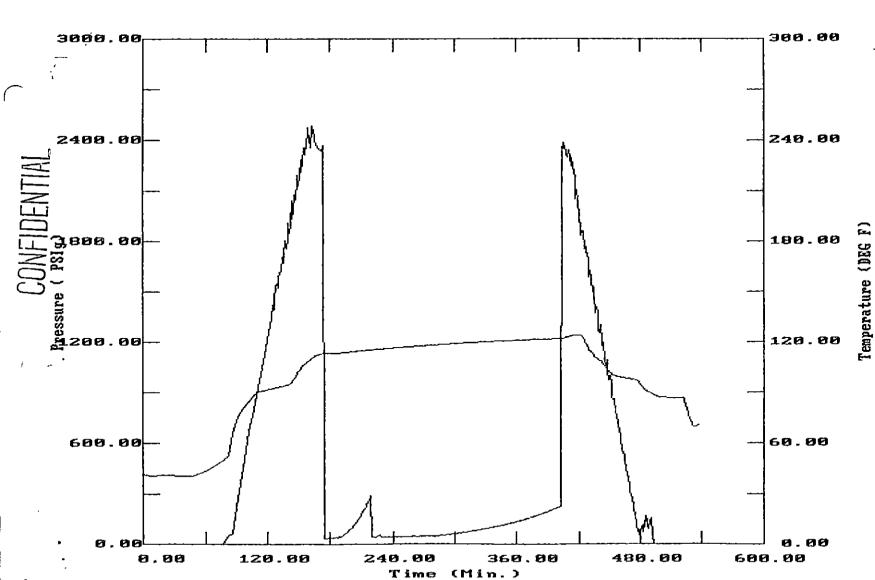
CONSERVATION DIVISION Wichita, Kansas

11384



FROM CONFIDENTIAL

RELEASED



Harvey # 12-34



## CONFIDENTIAL

Halliburton Energy Services, Inc.

TICKET TYPE	COMPANY CODE	HALLIBURTON ORDER NO.
Services	1100	51159
CUSTOMER P.O. NO.	JOB DATE	PRIMARY SERVICE LOC.
N/A	04/13/1999	Liberal, KS, USA

SOLD TO

GULF PRODUCTION CORPORATION 9701 N BROADWAY EXTENSION OKLAHOMA CITY OK 73114 USA

KCC

APR 2.8 1999

CONFIDENTIAL

SHIP TO

Page 1 of

WELL OPERATOR GULF PROD. HARVEY #12-34, HAMILTON
LEASE NAME / OFFSHORE AREA
HARVEY
WELL NUMBER ŔĨĠINA

#12-34 WELL PERMIT NO.

SEC. 34, T21S, R39W ADDRESS

CITY, STATE, ZIP CODE

SALES OFFICE	WELL TYPE	WELL CATEGORY	RIG NAME / NO.
Mid-Continent BD	Oil	Development	GULF PRODUCTION CORPORATION

ΠΕΜ	t t	VIATERI	AL DESCRIPTION				
11			LOCATION	QTY	UNIT	UNIT PRICE	AMOUNT
10	5	7521	PSL-CMT Cement S	Surface Casing-ROM		REGEIVED	
	•	1321	Liberal, KS, USA Hwy 54 West		JOB	BLATE COC. COMMIS	\$0.00
			JP010			NAY 0.3 1995	
20	1	1	MILEAGE FROM 1	NEAREST HES BASE,	/UNIT,ZI	CONOCTIVE TIME CHEOLOM	
			Liberal, KS, USA Hwy 54 West	60	MI	\$ 3.60 Wichita, Kansas	\$219.00
			Liberal, KS, USA Hwy 54 West	60	MI	\$ 1.86-	\$111.69-
			Liberal, KS, USA Hwy 54 West 000-117	60	MI	\$ 1.79	\$107.31
			With the following configuration:				
			Number of Units	1	unit		
30 -	2	2	MILEAGE FOR CE	EMENTING CREW,ZI			
			Liberal, KS, USA Hwy 54 West	60	MI	\$ 2.15	\$129.00
À Q			Liberal, KS, USA Hwy 54 West	60	MI	\$ 1.10-	\$65.79-
S	APR	30	Liberal, KS, USA Hwy 54 West	60	MI	\$ 1.05	\$63.21
X	ž		000-119			The customer bereby columnial	
×	N	Ē	With the following configuration:			The customer hereby acknowledg receipt of the materials and servic	
ROM CONFIDENTIA	8 20	ASED	Number of Units	1	unit	listed on this ticket.	es
T Z	2000	Ö					
<del> </del>							<b></b>

INVOICE INSTRUCTIONS	
PAYMENT TERMS	
Net due in 20 days	
HALLIBURTON OPERATOR / ENGINEER	HALLIBURTON APPROVAL

	•
TOTAL FROM THIS PAGE	\$170.52
TOTAL FROM NEXT PAGE(S)	\$4,291.45
SUBTOTAL	\$4,461.97
TAXES	\$176.45
GRAND TOTAL	\$4,638.42

### Work Order Contract

Job Purpose

Order Nümber

Customer

Halliburton Energy Services, Inc. **Houston Texas 77056** 

Well Owner

10: HALLIBURIC	IN ENERGY SERVICES,	INC YOU ARE HEREBY RE	GOESTED TO PURNISH	EQUIPMENT AND	SERVICE PERSONNEL TO
DELIVER AN	ID OPERATE THE SAME	AS AN INDEPENDENT CONT	RACTOR TO CUSTOME	ER LISTED BELOW	AND DELIVER AND SELL
PRODUCTS,	SUPPLIES AND MATERIA	ALS FOR THE PURPOSE OF SEF	RVICING:	<u> </u>	KCC
Well No.⁻	Farm or Lease	County ·	S	tate Well Permi	t#
17-34	Harvey	kcaeg	+ Humilian 1		

ORDER MUST BE SIGNED BEFORE WORK IS COMMEN warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. CUSTOMER REPRESENTATION - Customer (hereinafter "Halliburton")

PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.

RELEASE AND INDEMNITY - Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entitles Customer has the ability to bind by contract or which are co-interest owners or Joint ventures with Customer. Customer also agrees to DEFEND, INDEMNIFY, AND HOLD Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water; surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire; explosion; subsurface pressure; radioactivity; and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Halliburton Group" is defined as Halliburton Energy Services, Inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all its/their officers, directors, employees, consultants and agents. Customer's RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations apply whether the personal injury, illness, death, property damage or loss is suffered by one or more members of the Halliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or Hability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit abourd Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents.

LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects to workmanship and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Italiburton's sole 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, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. 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 EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

GOVERNING LAW - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

DISPUTE RESOLUTION Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three under the rules of the American Arbitration Association. The arbitration will take place in Houston, TX.

SEVERABILITY - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this and, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.

MODIFICATIONS - Customer sprees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton's Requests for modifications should be directed to the Vice President - Legal, 4100 Clinton Drive, Houston, TX. 77020.

HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

CUSTOMER Authorized Signatory	
Customer Acceptance of Materials and Services	EASED—
THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHEDY OF THE	2 8 200 <b>0</b> 1

FROM GONFIDEN

HALLIBURTON	3 SUM(ĴÀRY 423	CONI	<u>-[]</u>	ENTIA	.5/15 G	)RIC	11/1/	TICKET DA	TE 3. 4 4	
REGION North America	NWACOUNTRY M	9-1	BDA/STATE COUNTY HUVITTON							
MBUID/EMP*/03 106304	EMPLOYEE NAME DO	1116		I.	PSL DEPARTMENT					
LOCATION (U. J. J.	COMPANY 41 f			ı	CUSTOMER REF		2 = //	KO		
TICKET AMOUNT	WELL TYPE	7704	•	<del></del>	API/UWI#	BIZE		<u>KC</u>	<u> </u>	
WELL/LOCATION	DEPARTMENT				JOB PURPOSE O	ODE		<u> </u>	<del>5 1999</del> –	
WELLLOCATION W.W. SYIGUUSP.	SEC/TWP/RNG					<u> </u>		6 2 2 2 1 1 4	-KITIAI	
Harvey 12-34						-	•	JUNFIDE		
HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS HES	EMP NAME/EMP#/(EXPOS	URE HOURS)	HRS	HES EMP NAME/EN	MP#/(EXPOSURE	HOURS) HRS	HES EMP N	AME/EMP#/(EXP	OSURE HOURS) HAS	
5-Engel 106099										
V. Faik 106109			-				ļ 			
HES UNIT NUMBERS R/T MILES	HES UNIT NUMBERS	P/T M	i ILES	HES UNIT N	NUMBERS	P/T MILES	HES	UNIT NUMBERS	R/T MILES	
54518-78-505 60		_	$\Box$ $\downarrow$			<u> </u>		<del></del> -		
52276-75817 60	<del></del>		$\dashv$			<del> </del>			<del>-  </del> -	
		_			<del></del>	<u> </u>		<u> </u>		
Form NameType:	То		CA	LLĘD OUT	ON LOCAT	ION JO	OB STARTI	ED JOB	COMPLETED	
Form Thickness From Set At		DATE	4-15	3.4.4	4-13.7	9 4-	13-3	<del>4 4-</del>	75599	
Bottom Hole Temp Pressure Misc. Data Total Depth		TIME	G.	130	_053 v		1650	1 17.	<u> </u>	
TOOLS AND ACCESSORIES						LL DATA				
TYPE AND SIZE QTY	MAKE	Casing		NEW/USED	WEIGHT 24	SIZE	FROM	377	MAX ALLOW	
Float Shoe	<del></del> -	Liner	<del>-</del>	<del>                                     </del>	,	- ''	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	+ -	<del>  -</del>	
Guide Shoe Rea		Liner :								
Centralizers 4 2 Bottom Plug		Tbg/D.P Tbg/D.P		-			<del> </del> -			
Top Plug 5 W		Open Ho			<u> </u>				SHOTS/FT.	
Head F. C.		Perforat								
Other Clump		Perforati Perforati						_	<del></del>	
MATERIALS				OCATION	OPERA	ING HOUF	RS	DESCRIP	TION OF JOB	
Treat Fluid Density Disp. Fluid Density	Lb/Gal	DATE	$\neg$	HOURS	DATE	HOUF	RS		7	
Prop. Type Size Lb			4					<u> </u>	<u></u>	
Acid Type Gal %								<del></del>		
Surfactant GalIn										
NE Agent         Gal, In           Fluid Loss         Gal/Lb In		_	_			<del> </del>				
Gelling Agent			-			-	<del> </del>  -			
Breaker In		TOTA	L		TOTAL					
Blocking Agent Gal/Lb Perfpac Balls Qty		ORDER	ED		HYDRAULIC Avail.	HORSEP	OWER	Used	`	
Other		TREATE			AVERAGE Disp.	RATES IN I	ВРМ	Overall		
Other		FEET		39	CEMENT L			·T		
			MENT	DATA	Heas	RELEA!	SED			
STAGE SACKS CEMENT BULKIS	KS 2/0 CC /4	1. E 1.27	( - 1 -	ADDITI	/ES	PR 28	0000		ELD LBS/GAL	
1 90 Ptp1c B	6/000/7	THE FI				IFR 20	2000		J2 1418	
	\$1 A4C	111 (11			——————————————————————————————————————	CONF	<del>IDENIT</del>	-1Δ1		
	<u> </u>							17.		
Circulating Di	splacement	<u>Ū YALI</u>	, 1			- BBI		Type	Col	
Average Fr	aximumac Gradient	· c	المرا المأل	ISION Treatn		- BB   - BB		Pad: BBL Disp: BBL	Gal 27	
	Min	i5չMinյ <sub>i÷a.</sub>		TOTAL	Volume <i>√</i> Gal	1 BBI	1/3 46.	U8 1'L.		
	Ring #2	Luna	Fr	ac Ring#3	7,1	/) F	rac Ring #4			
THE INFORMATION STATED HERE	IN IS CORRECT		, JAREN	S REPRESENTAT	KTHE					

= -	•	រៀបមន្ត រូប្រាស់	h)! 10	inter'	Μ : υου		•	
	<del></del>	<u> </u>		7'7-	e (Ale)		<u> </u>	
THOUGH ENT CONTINUE HEREMENTE		-1	<u>.</u>	77	11			1
1476 754			<del>1 . ,</del>				CEIL	
APR 2 8 2000	(40)PP	1.	I		"" wrA ra		(211	
hut in Hous (min, told.		الاللا		نائد			2211	
DIVI YOU'S RELEASED	433.00	ι	7		12	2.0	0211	
601/14 Elout - 01 d mat that	200	5	<u> </u>		12	Ò	2111	
- Kn/ 2007			1	Щ	12	0.5	9711	!
31997 +5 h7 dwh		_	Ň		12		5111	<u>.</u>
14 man 1 4 6613 1 m.			<u>}</u>	$\square$	12	0.5	2111	
11 199 F 1997 14 1997 14 1997 14 1997 14 1997 14 1997 14 1997 1997			<del>[.</del>	Н	12	0.2	1111	
11992 duin		<del> </del> -	<del> </del>	$\vdash$			2011	
5 MIS IN Shut DOWN.		<del></del>	<del>_</del>	$\vdash$	12	,	3011	<del></del> ,
	(3,0)	<del> </del>	1-	H		<del> </del>		
87 37 DIS 41 SIG 1	25	·	<u> </u>		17	0.2	5011	
4.12 pt + 10 pt sild	<u>, 57</u>	-			17	v:s	EOII	
The Jun	152				12	0.5	1011	
the Down Plap Plus.						0	coil	
24.41 th ty 2021 Just					82	0.9	3301	
			Ţ					
महा मिला भी ।। वस	1005		1		5119	59	8/10/	
Mi 464 [14M.		<del> </del> -				<u> </u>	2401	
A. YOU RIGH HOOK IST. HIM	<u>'</u>	+	+			<del>  -</del>	OHO	
4,12 (04 3)	,	<del> </del>					L201	
K! 21/m 1113 130	, <u> </u>		+				h 201	
MONT 111) 2 1-8 415 8 AD HOOH 408 NO BI	<u>.                                    </u>	<del> </del>	+	<u> </u>		<del> </del> -	210	
	_	+	+			<del>  -</del> -	<del>                                     </del>	<del> </del>
	<del></del>	+	+			<del>                                     </del>	<del> </del>	
		<del>                                     </del>	1					
+11/4 5-514 CJV 1 F.E.	5						oatu	
d. alm 410H 70 fr	U	<del>-</del>	+	1_		<u> </u>	MHL-)	
TAAN	$\rightarrow$	<del></del>	_	_		<del> </del>	107.0	
6110 R R DOT W		<del></del>	+	-			0520 0070	
8110 R W 307 W		<del> </del> -	+	<del> </del>		<del> </del> -	0510	
	J 6so	6qL	<b>-</b>	╁	(BBL)(GAL)	(BPM)	1	ton news
10B DESCHIBLION / BEWARKS	_	SSEES		Nna	<b>NOTOWE</b>	<b>TAR</b>	BMIT	CHART NO.
						ة ع المر <sub>اب</sub> ية		<del>/**                                   </del>
						eren er		**************************************
<del>-1</del>					1 1 7	* * 3. !	<del></del>	e market en
	POSURE HO	E/EMP4/(EX	MAN 5	WE S		_		HES EMP NAME
				1		17.3	· # ¥ , ·	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
WINIGISTO DAS		ĐNR ∖ qW	EC / 1	4	) in march 4 m	ر مر وسعد م		FEVSE ( METT )
1 V Marting and the second solution of the se		TMENT	AA930	,   ·	24	N. 1. 1794.		MELL LOCATION
. 6661 당궁 Bgg ·	-	£ .3			- 19 CM	ر ا در از		<u> </u>
■ IWU\IdA	فكر عابواً	AbE	) <u>}</u>	┺	And This is	. 4 <u> </u>		TICKET AMOUN
CUSTOMER REP/PHONE		<u> , , , , , , , , , , , , , , , , , </u>	A4MO:	4_		الواقع الم	7.4	ГОСУДОИ
AND NOT SEPTIMENT 5	. FA 575.	√. YEE NAME		]	· ATTE	* · / .	7 1 kg 13	MOO DVENP
1 A 14 TO 5 TO 1		1600			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	icg '	nəm <b>A</b> rit	MBN IDVEMB*
BOA/STATE   COUNTY   CHALLER		YHTNUC				r- : **	77 (1)	HEGION
TO STORE THE THE STORE IN THE NAME OF THE STORE IN THE NAME OF THE STORE IN THE STO		. S-602	רטע	ac		ראַד	יידות	
TOTAL TRUCKET # TRUCKET # TRUCKET DATE TO THE TOTAL TRUCKET DATE TO TH	ارين -		- •	***	ÄÑŌ	<u>`_%</u> T <u>G[</u> ],		H
The same of the sa		مختر سينجم			CONTRACT BANK	100		== 4

APR 28 1999

ORIGINAL TICKET	1980558		CONFIDENTIALED 1	<u>/</u>
		ďΩ.	Gulf Prod Corp Sume	
HA HA	ALLIBUR	TON	WELL NUMBER 12 - 34	
HALLIBURT	ON ENERGY SERVICES	INC.	COUNTY/PARISH KEALDY	
CET Service CU	ISTOMER P.O. NO.	HALLIBURTON ORDER NO.	STATE COPPOSATION COMMISSION HAPVCY	
Nitrogen			ADDRESS WELL PERMIT NUMBER	
BDATE 1-21-99 SA	LES OFFICE	PRIMARY SAVC LOCATION	CITY, STATE, ZIP CODE CITY/OFFSHORE LOCATION, STATE, ZIP CODE	

	•	_			CONSERVATION DIVISION		2.
JOB LOCATION	Land Land Waters	State Waters Federal Waters	WELL TYPE 2	WELL CATEGORY	Michitachkenoese	Murtin 25	:
				_			

-					_			,	
Reference	Description		qτγ	U/M	QTY	UM	Location	Unit Price	Amount
000-117	mileage		70	MI	1	unit		3.65	155,50
000-119:	crew mileage	1.	70	mi	,	4017		2:15	150,50
009-019	pump charge		2380	ft	6	hrs		1929,00	1929,00
45-050	Partable DAS	,	1	doy	1	job		760:00	760:00
09-027	add hrs		2	hrs				376:00	752 00
04-043	frement	<i>ف</i> رُّز	129	5 k5				15:34	1978,86
504-131	Poz A	,	86	5/15				10:27	883,22
07-277	Bentonite gel	,	11	sks				36.65	403:15
507-210			54	165	<u>.</u>			209	112 84
500-207	Service charge		240	cu,ft			Ť.	1,66	398:40
00-306	milege Bulk		687,54	TMI	25.0			1 25	859 43
Ŧ.									
,	·								
<b>₽ R</b>									1
20 m	•	* ]						3 1	1 1 .
NVOICE INSTRUCT	ions	· .		· <u>·</u>			PAGE	ETOTAL-,	8482 90
WE RTON OR	RATOR / ENGINEER		HAL	LIBURTON APPI	ROVAL	1	FROM	CONTINUATION	

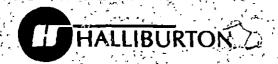
FROM CONFIDENTIAL

10895 SAP

CUSTOMER COPY

O Batary

SUB TOTAL applicable taxes will



### Work Order Contract

OR GINAL

Halliburton Energy Services, Inc. Houston Texas 77056

70012 SAP

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BELOW AND DELIVER AND SELL PRODUCTS. SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

PRODUCTS,	SUPPLIES AND MATERIALS	FOR THE PURPOSE OF SEE	RVICING:	<u>-</u>	
Well No.	Farm or Lease	County .	State	Well Permit #	
17-24	Harvey	Ken	-01 - 185		246 6 20 60 60
Customer '		Well Owner	Job Pur	pose	<u> </u>
Gulf	reduction Car	Ser may po		115	State treams on many
— · <del>0  } ·</del>	THIS WORK	ORDER MUST BE SIGNE	D BEFORE WORK IS COMM	MENCED	TOUR TUENT IA

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton").

B. PRICE AND PAYMENT — The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are psyable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are psyable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date psyable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.

C. RELEASE AND INDEMNITY - Customer agrees to <u>RELEASE</u> Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to <u>DEFEND, INDEMNIFY, AND HOLD</u> Halliburton Group <u>HARMLESS</u> from and against any and all liability, claims, coats, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water; surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire; explosion; subsurface pressure; radioactivity; and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, (ault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Halliburton Group" is defined as Halliburton Energy Services, Inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all its/their officers, directors, employees, consultants and agents. Customer's RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations apply whether the personal injury, illness, death, property damage or loss is suffered by one or more members of the Halliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit about Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents.

E, LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole 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, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. 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 EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. DISPUTE RESOLUTION Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules of the American Arbitration Association. The arbitration will take place in Houston, TX.

H. SEVERABILITY - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the velidity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Haliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to schleve the intent of the parties hereunder to the greatest extent allowed by applicable law.

MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 4100 Clinton Drive, Houston, TX. 77020.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED:	* .	BELLOVEL	···ggini Date:	21-99 TII	ME:
<i>y</i> . <i>y</i> .	CUSTOMER Authorized SI	gnatory.		, . , . ,	0000
Customer Acceptar	ice of Meterials and Serv	ices HIV 03 15			RELEASED
	EREBY ACKNOWLEDGES				ADD O C hoos
MATERIALS AND S	SERVICES DESCRIBED OF	ŊŢĦĔĸĄŢŢĄĊĤĔĎĬŶĬĬ	JIUN P	and the	APR 28 2000
ORDER NUMBER	<u> </u>	Wichita, Kansas	- And a	CUSTOMER Authorized S	ilgnatory
White-Office	Cana	ry-Field Office	Pink-Cust	omer	FROM GONFIDENT

GION :	rth Ame	-	ſŌŇ <sup>°</sup> J	N	WACOUNT	Mid	Cont U.S.A. BOA/STATE KS: COUNTY Kearny
UID/EMP .			06328		MPLOYEE N	IAME .	Korbe PSL DEPARTMENT 2 / ORIGINIA
CATION	r./ 1	- / .	2 <u>6 328</u>	<del>-  c</del>	OMPANY	101	
KET AMOUN	her	2	,, <del>%</del> 	<del> </del>	ELL TYPE	<u>4   † [ </u>	Poduction Corp Customer REP/PHONE Bizzel KCC
LL LOCATIO	N	- 4		╝	EPARTMEN	<u>, 0</u>	JOB PURPOSE CODE 11 1999
LL LOCATIO 31/9/ SE/WELL	a + Sv	1900	15 E -		C/TWP/F	<u> </u>	113
Hal		12 -	34	L			CONFIDENTIA
Korba			URS) HRS H	ES EMP	NAME/EMP	#/(EXPOSUR	E HOURS) HRS HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
Tenling			132	13	<u>.                                    </u>		
Humph	1105	10608		1)	~		
<u>bunda</u>		158ス RATE		<i>}!</i> ₽ŬMI	OS PRE	SS. (psl)	
IART NO.	TIME	(BPM)	(BBL)(GAL)		C Tbg	Csg	JOB DESCRIPTION / REMARKS
	0900			-		-	colled out
	0930			$\vdash$			Held safety al
							set antiks
	1/71					<del> </del>	1st play - 2380°
	0631 0634	25	0		-	1/50	state Ab
	0638	4	10/0			,200	st ent 50sks (a) 13.17
	01.45	4	15/0		<u> </u>	100	ctute bob.
	0653	4	4/0		-	25	st mud
	V61 >				┪	25	20d alud 1290'
	0752					7000	ted lifes
	1754	2,5	0			75	st who the
	0804	4	23/0	$\vdash$		75	st ent 80sks Q. 13.12 st athbeh.
	0805	4	4/0		<u> </u>	30	st mud
	0807	_	8			0	rad
	0837					2000	3-d plug 300' test lives !!
	0137					25	StutaA
	0812		10/0			10	stent 50 sks @ 13.12
	0848	2.0	15/0	╁	-	Ø	stute B
	0597		<del>/</del>		-		41h dug 140"
	1930	2	0,	. ,	7-1	Ö	stute
	0433	.2	3/0			0	stept 10sks @ 13.1# 114 13.1
					+	<del> </del>	(nd
						0	R H
	0935	2	Q #			0	stent
				$\vdash$		+	MH
	0940	2	Q			0	steat
			#			0_	HILOTINED
	'			-+			· - · · · · · · · · · · · · · · · · · ·
	-						MAY 0 3 19
			-				CONCERVATION DIVISITARELEASED
<u> </u>			<u>-</u>		+-	<del> </del> -	Wichita, Kansas
57.			_			1	ΔPR 2 8 2000'
	- ,	<u>-</u>	<del></del>		·+ <del>}</del>	-	CALEDENTIAL
				<u> </u>	<u> </u>	1 4 5	ROM CONFIDENTIAL

HALLIBURTON		CONF	NF	NITIAI I	TICKET #	<del>-0R</del>	HGIN	HGKE DATE	11.50		
	SUMMARY 4			.111111.	BDA/STATE	v		COUNTY.	1-99		
North America	MI EMPLOYEE NAME	d Cont		1.5,A.		<u> </u>		Kea	rny_		
MCL10110 106328	N	ick Ko	<u>~b</u>	e	PSL DEPARTMENT 2 /						
LOCATION Liberal	COMPANY Gulf	God Co	orp		CUSTOMER REF	PHONE	-/ B12	zelle	20 _		
TICKET AMOUNT	WELL TYPE	02	7		API / UWI #			150 0	0.4000		
WELL LOCATION C	DEPARTMENT	ment			JOB PURPOSE (	ODE //	5	### 7	8 1999		
13N, 9E of Syrucuse Harvey 12-34	SEC / TWP / RNG					<del></del>		CONFID			
HES EMP NAME/EMP#/(EXPOSURE HOURS) (HRS ,HES	EMP NAME/EMP#/(EXPO	OSURE HOURS)	HAS I	HES EMP NAME/EN	AP#/(EXPOSURE	HOURS) HRS	HES EMP NAME	EMP#/(EXPOSU	IRE HOURS) HRS		
N. Korbe 106328 122 A. Tambiana 106121 132	_		$\vdash$	<u> </u>		_					
B. Toplinson 106/2/ 13 ~ 6. Hamphries 1060 85/0			$\vdash$			-					
J. Bunda M5810 13 L							-	_			
HES UNIT NUMBERS IVT MILES	HES UNIT NUMBERS	R/T M	LES	HES UNIT N	UMBERS	R/T MILES	HES UNIT	NUMBERS	R/T MILES		
<u>941270</u> <u>140</u> 54219/28299 <u>140</u>		-		<u>-</u>		<u> </u>			-		
7/10/1						-					
39225/66/1 130											
Form Name Type:	То		CA	LLED OUT	ON LOCAT	ION JC	B STARTED	JOB CO	MPLETED		
Packer Type Set At		DATE		<del>-20-99</del>	4-20-4		-21-77	4-2	7- 47		
Bottom Hole Temp Pressure		TIME		000	2/30		0630	09	45		
Misc. Data Fotal Depth TOOLS AND ACCESSORIES		_			Wi	ELL DATA					
TYPE AND SIZE QTY	MAKE			NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW		
Float Collar		Casing		母							
Float Shoe		Liner									
Guide Shoe		Liner	<b>-</b>	u	16,6	4 2		2390	2000		
Centralizers		Tbg/D.P.		1 4	1616	7 2	0	2310	2000		
Bottom Plug		Open Ho			<u> </u>		-		SHOTS/FT.		
Top Plug Head		Perforati					†				
Packer		Perforati	ons								
Olher		Perforati									
MATERIALS	15/0-1	HOURS		HOURS	DATE	ING HOUP		ESCRIPTIO			
Treat Fluid Denulty Disp. Fluid Denulty	LD/Gal	7-20-7	7	22 /1-	4-21-77	1-5-	<i></i>				
Prop. Type Size LD	·	4-21-7	7	11 60		<del> </del>		EASED			
			_[_					0.0.5			
Acid Type Gal %							— A <del>PR</del>	<del>28 2000</del>			
NE Agent Gal In							—				
Fluid Loss Gal/Lt> In_ Gelling Agent Gal/Lb In_					_	F	ROM CO	NFIDE	NTIAL		
Fric. Bed. Gal/Lbin		TOTA			TOTAL	121	<del>                                      </del>				
Breaker Gal/Lb In Blocking Agent Gal/Lb					HYDRAULIC						
Perfpac Balls Oty	<del>-</del>	ORDER	ED		Avail.		ι	Jsed			
Other		TREATE	D		AVERAGE Disp.	RATES IN E		Overall			
Other		FEET			CEMENT L						
Other			MENT	DATA	Reaso	on	5 E E J	109			
STAGE SACKS CEMENT BULK/S	KS .			ADDITIV		ter et erten.			D LBS/GAL		
215 4/60 Paz (H) B	6/0711	4-1100	<u>ے /مے</u>	\$1	TATE	-1,	**************************************	1.69	13.1		
					Frank -	_		<del>-</del>	_		
					5 5 V	<u> </u>					
					COLL T		in .				
Circulating Di Breakdown Fr	splacement			Preflus	h: W. Gal	BBI 45	<u>''</u>	ype ad: BBI - Ga			
Breakdown Fr.	aradient			Load & Treatm	nent Gal	BBI		isp: BBI - G			
Average Fr. Shut In: Instant 5	N	_ 15 Min		Cemer	nt Slurr Gal Volume Gal	-'BBI <u>- 2€</u> GBBI	10 10 10 10 0				
	Ring #2		TE,	ne Dine 32			rac Ring #4				
THE INFORMATION STATED HERE	IN IS CORRECT	cus	OMER'	S REPRESENTATI	VE SIGNATURE	2.					