



GEARHART INDUSTRIES, INC.
WIRELINE SERVICES

P.O. BOX 1258 / FORT WORTH, TEXAS 76101

#3

JOB TICKET
214939

Engineer: R. Bruce

Operator: M. Duncan

R. Newberry

Legal Description

S+295-30W

Billing To: Amoco Production Co.
Address: Box 43Z
City: Liberal, Ks. 67901
Lease and Well No.: SC 5W #3
Field: Ulysses County: Grant
Job No.: 5168-538 State: Kansas

Invoice No. _____
Invoice Date _____
Customer's Order No. _____
Date of Service: 11-3+4-82
Liberal, Ks.
R & S Code: 1-21-027

CONDITIONS OF THIS CONTRACT

TO GEARHART INDUSTRIES, INC.

You are hereby requested to furnish the service and materials and equipment herein set forth upon the following terms and conditions to wit:
The undersigned, as customer, agrees to pay you for the services and/or materials ordered hereunder at the office of Gearhart Industries, Inc., Fort Worth, Texas. Should any account not be paid within the term fixed by the invoice, interest will be charged at the rate of ten per cent (10%) per annum from date of such invoice. In the event you employ an attorney to enforce any claims of indebtedness against the undersigned customer, said customer agrees to pay all costs of collection and reasonable attorney's fees which, in no event, shall be less than the sum of \$75.00.
The above described work shall be performed by you as an independent contractor. However, it is understood and agreed that you do not guarantee the results of your service and shall not be liable for injury to persons or to property of well owners and/or customers unless caused by your willful negligence, this provision applying, but not limited to, sub-surface damage and surface damage arising from subsurface damage. Well owner and/or customers shall be responsible for and secure you against any liability for reservoir loss or damage or personal or property damage arising from a well blowout, unless such loss or damage is caused by your willful negligence. The well owner or drilling company will pay for the actual cost of replacing or repairing the well service equipment, or any part thereof, if same should be lost or damaged while being used in performing the work on the above described well.
Should any of your instruments, tools, or equipment be lost or destroyed in the rendition of your service, customer agrees to use all reasonable diligence and facilities available to recover the same, and customer agrees to reimburse you for the reasonable value of any instrument, tool, or other personal property that cannot be recovered within (60) days, or for the cost of replacing any damage to items recovered.
Customer agrees that all depth measurements shall be made by it or its employees, and shall be supervised by customer or its employees.
Customer certifies that it is the owner of the well on which the work herein ordered is to be done or that it has the full right and authority to order such work done on such wells; and that the well in which the work is to be done by you is in proper and suitable condition for the performance of said work.
Customer further agrees that the terms and conditions herein set forth constitute the entire agreement and that no employee of your company is authorized to alter the terms hereof. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

Customer	Agent
DESCRIPTION	PRICE AMOUNT
1000-001 Service Charge	
4075-010 Run 7" Junk Basket + Gauge Ring to 1658'	
4000-005 S+ 7" Gearhart C.I.B.P @ 1625'	
7000-8210 Perforate w/ 4" Dm. 1550' to 1600', 1 hole every 5', 11 holes total	
Bid Price	\$ 1,650.00

REMARKS NOTE: PRICES SHOWN ARE ESTIMATES AND SUBJECT TO CHANGE BY ACCOUNTING DEPARTMENT
Thank You!

JOB SUMMARY

HALLIBURTON LOCATION

Liberal, KS

BILLED ON TICKET NO.

565075

WELL DATA

WELL NO.	SEC.	TWP.	RNG.	COUNTY	STATE
				<i>Grant</i>	<i>KS</i>
FORMATION NAME	TYPE				
FORMATION THICKNESS	FROM	TO			
INITIAL PRODI OIL	SFD. WATER	SFD. GAS	MCFD		
RECENT PRODI OIL	SFD. WATER	SFD. GAS	MCFD		
COMPLETION DATE	MUD TYPE	MUD WT.			
PACKER TYPE	SET AT				
BOTTOM HOLE TEMP.	PRESSURE				
WELL DATA	TOTAL DEPTH				

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>Nov 5th</i>	DATE <i>Nov 5th</i>	DATE <i>Nov 5th</i>	DATE <i>Nov 5th</i>
TIME <i>0700</i>	TIME <i>0700</i>	TIME <i>1055</i>	TIME <i>1345</i>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
LOAD COLLAR		
LOAD SHOE		
INSIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>R. Fichelberger</i>	<i>28459 Pickup</i>	<i>Liberal, KS</i>
<i>E. Davis</i>	<i>7193 Pump</i>	<i>Liberal, KS</i>
<i>T. Lamberson</i>	<i>75817 Bulk</i>	<i>Hugoton, KS</i>

MATERIALS

TREAT. FLUID	DENSITY	LB/GAL-API
DISPL. FLUID	DENSITY	LB/GAL-API
ROP. TYPE	SIZE	LB.
ROP. TYPE	SIZE	LB.
ICID TYPE	GAL.	
ICID TYPE	GAL.	
ICID TYPE	GAL.	
SURFACTANT TYPE	GAL.	IN
WATER AGENT TYPE	GAL.	IN
LIQUID LOSS ADD. TYPE	GAL-LB.	IN
WELLING AGENT TYPE	GAL-LB.	IN
WIC. RED. AGENT TYPE	GAL-LB.	IN
WREAKER TYPE	GAL-LB.	IN
WLOCKING AGENT TYPE	GAL-LB.	
WSPAC BALLS TYPE	QTY.	
OTHER		

DEPARTMENT

Grant

DESCRIPTION OF JOB

Plug Back
15 balanced plugs run
each plug top
1500' to surface.

JOB DONE THRU: TUBING CASING ANNULUS YED. ANN.

CUSTOMER REPRESENTATIVE

R. Fichelberger

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./BR.	MIXED LBS./GAL.
	<i>320</i>	<i>H</i>	<i>H</i>	<i>Howe</i>	<i>None</i>		<i>1.18</i>	<i>15.6</i>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING	DISPLACEMENT	PRESLUSH: BBL-GAL.	TYPE
WREAKDOWN	MAXIMUM	LOAD & BKDN: BBL-GAL.	PADI: BBL-GAL.
AVERAGE	FRACTURE GRADIENT	TREATMENT: BBL-GAL.	DISPL: BBL-GAL. <i>63</i>
INITIAL INSTANT	5-MIN.	CEMENT SLURRY: BBL-GAL.	<i>67</i>
ORDERED	AVAILABLE	TOTAL VOLUME: BBL-GAL.	<i>130</i>
AVERAGE RATES IN BPM			
REATING	DISPL.	REMARKS	
CEMENT LEFT IN PIPE			
REASON			

CUSTOMER

CUSTOMER JOB TYPE



FORM 1903 R-3

A Division of Halliburton Company
DUNCAN, OKLAHOMA 73156

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 51,5075

DISTRICT Liberal KS DATE 11-5-82

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Amoco (CUSTOMER)
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVING

WELL NO. 3 LEASE Self County Storage SEC. _____ TWP. _____ RANGE _____

FIELD _____ COUNTY Grant STATE KS OWNED BY Amoco

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

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

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Plug Back
Pump 15 separate Plugs from 1440' to surface
Hole loaded with fresh water
15 behind plug run

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 lists.
 - Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
 - Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
 - Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
 - Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
 - Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
 - Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - 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 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 responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
 - Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
 - 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 an attorney 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.
 - This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
 - Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

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

SIGNED _____ DATE _____ CUSTOMER

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. TIME _____ A.M. P.M.

JOB LOG

WELL NO. 7 LEASE 5117 TICKET NO. 515075

CUSTOMER Amoco PAGE NO. 1

JOB TYPE Plug Back DATE 11-5-92

FORM 211 R-1

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0400							Call Out
	0700							One hour time
	0840							Due to equipment we will use F.W. with the well to be aligned and secured
	0900							Plug back out of well different well
	1030							Plugging tubing to @ 1440'
	1045							Work on 1st plug with down track
	1055							Down to fill hole with fresh water Hole already with Full
	1100		30					Hole already with 30 bbl
	1120		4			0		Plugging Slurry (1st Plug) 100'
			8			0		Followed by displacement 4 bbl H ₂ O All plug shoe "H" arrived at 15.17 1/2
	1130							Plugging tubing
2	1135		4			0		Plugging 2nd Plug (All plug out)
			7.5					Displacement with 7.5 bbl H ₂ O
	1141							Plugging tubing
3	1145		4			0		Plugging 3rd Plug
			7					Displacement with 7 bbl H ₂ O
								Plugging tubing
4	1207		4			0		Plugging 4th Plug
			6.5					Displacement with 6.5 bbl H ₂ O
								Plugging tubing
5	1220		4			0		Plugging 5th Plug
			6					Displacement with 6 bbl H ₂ O
								Plugging tubing
6	1230		4					Plugging 6th Plug
			7.5					Displacement with 7.5 bbl H ₂ O
								Plugging tubing
7	1237		4			0		Plugging 7th Plug
			5					Displacement with 5 bbl H ₂ O
								Plugging tubing
8	1245		4					Plugging 8th Plug
			1.5					Displacement with 1.5 bbl H ₂ O
								Plugging tubing

CUSTOMER

HALLIBURTON SERVICES JOB LOG

WELL NO. 3 LEASE TICKET NO. 565075
 CUSTOMER Amoco PAGE NO. 2
 JOB TYPE Plu. Pump DATE 11-5-87

FORM 1013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
9	1252		4			0		Pumping 9th Plug
			4			0		Displacement with 4 bbls H ₂ O Rig Pulling Tubing
10	1259		4			0		Pumping 10th Plug
			3.5			0		Displacement 3.5 bbls H ₂ O Rig Pulling Tubing
11	1306		4			0		Pumping 11th Plug
			3			0		Displacement 3 bbls H ₂ O Rig Pulling Tubing
12	1313		4			0		Pumping 12th Plug
			2.5			0		Displacement 2.5 bbls H ₂ O Rig Pulling Tubing
13	1319		4			0		Pumping 13th Plug
			2			0		Displacement 2 bbls H ₂ O Rig Pulling Tubing
14	1326		4			0		Pumping 14th Plug
			1.5			0		Displacement 1.5 bbls H ₂ O Rig Pulling Tubing
15	1338		4			0		Pumping 15th Plug
			-			0		Conc'd completed to surface
	1345							Job Complete

CUSTOMER