

## WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-2

ATTACH TO INVOICE & TICKET NO. 465572

DISTRICT B righter, Colo

DATE 9-9-72

TO: HALLIBURTON SERVICES

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO:

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

WELL NO. #3 LEASE Springdale Stage SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RANGE \_\_\_\_\_

FIELD W-C COUNTY Logan STATE Colo OWNED BY Same

### THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME Sand TYPE J-D

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO 4785

PACKER TYPE Baker SET AT \_\_\_\_\_

TOTAL DEPTH \_\_\_\_\_ MUD WEIGHT \_\_\_\_\_

BORE HOLE \_\_\_\_\_

INITIAL PROD. OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

PRESENT PROD. OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>4</u>	<u>-</u>	<u>5 1/2</u>	<u>0</u>	<u>4800</u>	<u>-</u>
LINER						
TUBING	<u>4</u>	<u>10.40</u>	<u>2 7/8</u>	<u>0</u>	<u>4785</u>	<u>3000</u>
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

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

5 gauge + PTA.

CUSTOMER OR HIS AGENT STATES 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.
- Customer shall be responsible for and 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 the payment of Customer's account 60 days after date of invoice, such account will thereafter be subject to interest until paid. In the event it becomes necessary to employ an attorney to enforce collection of such account, Customer agrees to pay all collection costs and attorney fees in the amount of 20 per cent of the amount of the unpaid account.
- 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 Lawrence Halliburton CUSTOMER

DATE 9-9-72

TIME 1:00 PM

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

CUSTOMER



## JOB LOG

TICKET NO.

465572

**CUSTOMER**

Kansas Febr 20

PAGE NO.

1

**JOB TYPE**

Squeeze + PTA

DATE \_\_\_\_\_

9-9-72

FORM 2013

CHART NO.	TIME	RATE (BPM)	VOLUME (DBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	1400	4	10	1		2000	-	Breakdown
	1430	4	30	1		900	-	Mix Cemt
	1445	4	22	1		1000	-	Displace
	1500	1/4	1/4	1		1000	-	S Tag
	1510	1/4	1/4	1		1000	-	S Tag
	1520	1/4	1/4	1		1500	-	S tag
	1545	1/4	1/4	1		3000	-	S Tag
	1600	4	120	1		0	0	Release
	1610	4	120	1		1000	1000	Reverse
	1645	1/4	2	1		2000	-	Test D Sand.
	1720	4	20	1		1000	1000	Spot Cemt on Bottom
	1730	-	-	-		-	-	Job complete

## CUSTOMER



# HALLIBURTON SERVICES JOB SUMMARY

FORM 2012

HALLIBURTON  
DIVISION

HALLIBURTON  
LOCATION

BILLED ON  
TICKET NO.

WELL DATA

FIELD 16 SEC. 8 TWP. 53N COUNTY Logan STATE COLO

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 \_\_\_\_\_

	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING	<input checked="" type="checkbox"/>	8 1/2		592	24	
LINER	<input checked="" type="checkbox"/>	2 3/4		640	1040	
TUBING	<input checked="" type="checkbox"/>	8 1/2		640		
OPEN HOLE						TOTAL DEPTH:
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.

## JOB DATA

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

### MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. %

ACID TYPE \_\_\_\_\_ GAL. %

ACID TYPE \_\_\_\_\_ GAL. %

SURFACTANT TYPE \_\_\_\_\_ GAL. IN

NE AGENT TYPE \_\_\_\_\_ GAL. IN

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. IN

SELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. IN

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. IN

BREAKER TYPE \_\_\_\_\_ GAL.-LB. IN

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB.

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE TIME 1300	DATE TIME 1530	DATE TIME 1700	DATE TIME 1800

### PERSONNEL AND SERVICE UNITS

NAME	EMPL. NO.	UNIT NO. & TYPE	LOCATION
LOHMEYER (Carmichael)		8643 58A	Kimball
Phillips		7678 BULK TRK	1

DEPARTMENT Cement

DESCRIPTION OF JOB plug to abandon

JOB DONE THRU: TUBING ☒ CASING ☐ ANNULUS ☐ TSG./ANN. ☐

CUSTOMER REPRESENTATIVE ☒ Lawrence Halstrom

HALLIBURTON OPERATOR Jim Teal COPIES REQUESTED 1

### CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	75	G		Mon B			1.15	16.2

### PRESSURES IN PSI

### SUMMARY

### VOLUMES

IRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

REKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

VERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

HUT-IN: INSTANT \_\_\_\_\_ 5 MIN. \_\_\_\_\_ 15 MIN. \_\_\_\_\_

HYDRAULIC HORSEPOWER

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM

REATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE

REMARKS

plug 640' - 960'

60 - 0

CUSTOMER

CUSTOMER NAME: Lawrence Halstrom

DATE: 9/10/12

JOB TYPE: 3

LEAD: Springdale Sheng

WELL NO.: 358704



## WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-2

ATTACH TO INVOICE & TICKET NO. 358 20 P

DISTRICT Kimbria

DATE 9/10/72

TO: HALLIBURTON SERVICES

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: KANSAS-NOB-1141 GAS

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

WELL NO. 3 LEASE Springdale Storage SEC 16 TWP. 8N RANGE 53W

FIELD Logan COUNTY Logan STATE OKLA OWNED BY KAN-NOB-1141 GAS

### THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

PACKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

TOTAL DEPTH \_\_\_\_\_ MUD WEIGHT \_\_\_\_\_

BORE HOLE \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

PRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	✓	24	8 1/8		592	
LINER						
TUBING	✓	10.40	3 1/4		690	
OPEN HOLE			9"		690	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

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

plug w/TS SKS type foam

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

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- 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 Lawrence Holmstrom CUSTOMER

DATE 9/10/72

TIME 4:30 P.M.

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

CUSTOMER