



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-2 A Division of Halliburton Company DUNCAN, OKLAHOMA 73333

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: X Anness Nebr & Co (CUSTOMER) 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, H2O BPD, GAS MCF PRESENT PROD OIL BPD, H2O BPD, GAS MCF

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I. Rows include CASING, LINER, TUBING, OPEN HOLE, and PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

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

Squeeze + 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: (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. (b) 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...

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

SIGNED Lawrence Halburton CUSTOMER

DATE 9-9-72

TIME 1:00 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

JOB LOG

TICKET NO. 465572

CUSTOMER Kansas Petr & O

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 cement
	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 cement on Bottom
	1730	-	-	-		-	-	Job complete

# HALLIBURTON SERVICES JOB SUMMARY

FORM 2012

HALLIBURTON DIVISION Denver

HALLIBURTON LOCATION Kimball

BILLED ON TICKET NO. 358704

CUSTOMER NAME: Krauss & Weber - Natl. Gas Service Company  
JOB TYPE: ITF  
DATE: 9/10/72

WELL DATA

FIELD 16 SEC. 8D TWP. 53N RNG. 104W COUNTY Logan STATE COLO

NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
<input checked="" type="checkbox"/>	<u>8 7/8</u>		<u>592</u>	<u>24</u>	
<input checked="" type="checkbox"/>	<u>2 3/4</u>		<u>640</u>	<u>1040</u>	
	<u>8"</u>		<u>640</u>		TOTAL DEPTH:

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 \_\_\_\_\_

### JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE _____ TIME <u>1300</u>	DATE _____ TIME <u>1530</u>	DATE _____ TIME <u>1700</u>	DATE _____ TIME <u>1800</u>

### TOOLS AND ACCESSORIES

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

### PERSONNEL AND SERVICE UNITS

NAME	EMPL. NO.	UNIT NO. & TYPE	LOCATION
<u>LORRAINE (Carmichael)</u>		<u>8643</u>	<u>Kimball</u>
<u>Phillips</u>		<u>7678 BULK TRK</u>	<u>1</u>

### 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 \_\_\_\_\_

HE 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 \_\_\_\_\_

DEPARTMENT Cement

DESCRIPTION OF JOB plug to abandon

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

CUSTOMER REPRESENTATIVE X Lawrence Halmetron

HALLIBURTON OPERATOR J. J. Teal COPIES REQUESTED 1

### CEMENT DATA

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

### PRESSURES IN PSI

### SUMMARY

### VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

REARNDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

VELOCITY \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

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

HYDRAULIC HORSEPOWER \_\_\_\_\_

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

AVERAGE RATES IN BPM \_\_\_\_\_

SEATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

REASON \_\_\_\_\_

PREFLUSH: BBL-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

LOAD & BKDN: BBL-GAL. \_\_\_\_\_ PAD: BBL-GAL. \_\_\_\_\_

TREATMENT: BBL-GAL. \_\_\_\_\_ DISPL: BBL-GAL. \_\_\_\_\_

CEMENT SLURRY: BBL-GAL. \_\_\_\_\_

TOTAL VOLUME: BBL-GAL. \_\_\_\_\_

REMARKS plug 640' - 960'  
60 - 0

CUSTOMER



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-2 A Division of Halliburton Company DUNCAN, OKLAHOMA 73533

ATTACH TO INVOICE & TICKET NO. 358 20 P

DISTRICT Kimball

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

WELL NO. 3 LEASE Springdale Storage SEC 16 TWP. 8N RANGE 53W FIELD COUNTY Logan STATE Colo OWNED BY KAN-NOB-NAT GAS

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

Table with columns: FORMATION NAME, TYPE, THICKNESS, FROM, TO, PACKER, SET AT, TOTAL DEPTH, MUD WEIGHT, BORE HOLE, INITIAL PROD, PRESENT PROD, PERFORATIONS, NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I., SHOTS/FT.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING ANNULUS HYDRAULIC HORSEPOWER ORDERED Plug w/TS SKS type GC

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: (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. (b) 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... (k) 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