

WORK ORDER CONTRACT  
AND PRE-TREATMENT DATA

FORM 508 R-4

A Division of Halliburton Company  
DUNCAN, OKLAHOMA 73536ATTACH TO  
INVOICE & TICKET NO. 766714DISTRICT PampaDATE 4-18-84

TO: HALLIBURTON SERVICES

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: CO<sub>2</sub> injection

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

WELL NO. 4 LEASE Trigg SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RANGE \_\_\_\_\_FIELD \_\_\_\_\_ COUNTY Quary STATE N.M. OWNED BY Same

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

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
PACER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
TOTAL DEPTH \_\_\_\_\_ MUD WEIGHT \_\_\_\_\_  
BORE HOLE \_\_\_\_\_INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCFPRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	4	24 <sup>00</sup>	8 <sup>5</sup> / <sub>8</sub> "	0	400	
LINER						
TUBING	4	16.6	4 <sup>1</sup> / <sub>2</sub>	0	4410	
OPEN HOLE			7 <sup>7</sup> / <sub>8</sub>	0	4410	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

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

TREATMENT INSTRUCTIONS: TREAT THRU TURNING ☒ ANNULUS ☐ CASING ☐ TUBING/ANNULUS ☐ HYDRAULIC HORSEPOWER ORDERED \_\_\_\_\_PTA. 50skc Cmw Bottom, 50skc Cmw 4280-4180, 50skc 3133-3033  
50skc 2450-2350, 50skc 1465-1365, 75skc 450-350

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:

- 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 (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.
- c) 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.
- d) 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 service operation performed by Halliburton hereunder.
- e) 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.
- f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- g) 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.
- h) 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.
- i) 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.
- j) Invoices 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 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.
- k) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
- l) 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 Randy Eisenman  
CUSTOMERDATE 4-19-84TIME 6:00 A.M. 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.

# JOB SUMMARY

HALLIBURTON  
LOCATION

Dumas, TX

BILLED ON  
TICKET NO.

766714

## WELL DATA

FIELD \_\_\_\_\_ SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY Quay STATE N.M.

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

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

INITIAL PROD. OIL \_\_\_\_\_ SPD. WATER \_\_\_\_\_ SPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

PRESS. PROD. OIL \_\_\_\_\_ SPD. WATER \_\_\_\_\_ SPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

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

BOOTHING HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

## JOB DATA

CALL OUT 4-18-84	ON LOCATION 4-19-84	JOB STARTED 4-19-84	JOB COMPLETED 4-19-84
DATE	DATE	DATE	DATE
TIME 2300	TIME 0600	TIME 1145	TIME 1500

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
D. Willoughby	3581	Dumas
R. Bain	2287	"
J. Bob	3539	"

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

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

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

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

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

PERFAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT Cont

DESCRIPTION OF JOB

PTA

JOB DONE THROUGH \_\_\_\_\_

CASING ☐

ANNULUS ☐

TBC./ANN. ☐

CUSTOMER

REPRESENTATIVE

X Larry Eisenman

HALLIBURTON

OPERATOR

D. Willoughby

COPIES

REQUESTED

1

## CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK	ADDITIVES	YIELD CU.FT./SH.	MIXED LBS./GAL.
1	50	R <sub>3</sub> EP	H	Southw	B		1.06	16.4
2	50	"	H	" "	B		1.06	16.4
3	50	"	H	" "	B		1.06	16.4
4	50	"	H	" "	B		1.06	16.4
5	50	"	H	" "	B		1.06	16.4

## SUMMARY

## VOLUMES

CEMENTING \_\_\_\_\_ H<sub>2</sub>O \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_ H<sub>2</sub>O \_\_\_\_\_

PREPACED \_\_\_\_\_ H<sub>2</sub>O \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_ H<sub>2</sub>O \_\_\_\_\_

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

HYDRAULIC HORSEPOWER

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

AVERAGE RATES IN BPM

TREATING 5 DISPL. 5 OVERALL 5

CEMENT LEFT IN PIPE

FEET \_\_\_\_\_ REASON \_\_\_\_\_

CEMENT SLURRY: BBL. \_\_\_\_\_

TOTAL VOLUME: BBL. \_\_\_\_\_

REMARKS

CUSTOMER: CUG IN ACTION  
LEASE: 1-1-95  
WELL NO.: 4  
JOB TYPE: PTA  
DATE: 4/18/84