

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

NO. 250047 DATE 10-3-92 ATTACH TO INVOICE & TICKET NO. 250817

TO: Liberal Kansas DISTRICT: Liberal Kansas COUNTY: ... DATE: 10-3-92 CHARGE TO: Kiwanita Energy ... YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE ...

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

Table with columns: FORMATION NAME, TYPE, CASING, TUBING, OPEN HOLE, PERFORATIONS, INITIAL PROD., PRESENT PROD., PREVIOUS TREATMENT. Includes handwritten data for casing (N 24 8 5/8 KB 558) and tubing (12 1/4 KB 558).

TREATMENT INSTRUCTIONS: TREAT THRU TUBING [] ANNULUS [] CASING [] TUBING/ANNULUS [] HYDRAULIC HORSEPOWER ORDERED [] Cement 8 5/8 surface CSG with 128 sks Firm Plus Lite, 2% cc, 1/4 # Floccle ...

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

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice.

h) That 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: [Signature] DATE: 10-3-92

WELL DATA

FIELD E Gordon City SEC 19 TWP 24 RNG 31 COUNTY Finnery STATE Mo ATTACH TO 217042

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 _____ TOTAL DEPTH _____

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>Insert 4 1/2</u>	<u>1</u>	<u>Homer</u>
FLOAT SHOE <u>C. H Tube</u>	<u>1</u>	<u>?</u>
GUIDE SHOE	<u>1</u>	<u>?</u>
CENTRALIZERS	<u>4</u>	<u>?</u>
BOTTOM PLUG	<u>1</u>	<u>?</u>
TOP PLUG	<u>1</u>	<u>?</u>
HEAD	<u>1</u>	<u>?</u>
PACKER		
OTHER		

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-8</u>	DATE <u>10-8</u>	DATE <u>10-8</u>	DATE <u>10-8</u>
TIME <u>0110</u>	TIME <u>0430</u>	TIME <u>1105</u>	TIME <u>1230</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>L. Smith</u>	<u>40076</u>	<u>Liberal Mo</u>
<u>T. Broadfoot</u>	<u>52276</u>	<u>"</u>
<u>D. Pierce</u>	<u>71200</u>	<u>"</u>
<u>D. M. Justice</u>	<u>4315</u>	<u>Hughston Mo</u>
<u>D. M. Justice</u>	<u>5303</u>	<u>"</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API

DISPL. FLUID _____ DENSITY _____ LB/GAL-API

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

FRIC. RED. AGENT TYPE _____ GAL-LB _____ IN

BREAKER TYPE _____ GAL-LB _____ IN

BLOCKING AGENT TYPE _____ GAL-LB _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

DEPARTMENT Cement

DESCRIPTION OF JOB Cement 4 1/2 long string

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X W. E. H. ...

HALLIBURTON OPERATOR Smith COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS/GAL
	<u>425</u>	<u>Prom Plus</u>	<u>H16</u>	<u>P</u>	<u>52% HCL, 52% Haled-9</u>	<u>2.05</u>	<u>12.3</u>
	<u>200</u>	<u>400022</u>	<u>Prom Plus</u>	<u>P</u>	<u>52% HCL, 52% Haled-9</u>	<u>1.38</u>	<u>14</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET: 34' REASON Shoe IT

SUMMARY

PRESLUSH: BBL-GAL 12 TYPE Mud Flush

LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____

TREATMENT: BBL-GAL _____ DISPL: BBL-GAL 43 1/2

CEMENT SLURRY: BBL-GAL 155-49

TOTAL VOLUME: BBL-GAL 259 1/2

REMARKS

See Job Log

RECEIVED

STATE CORPORATION COMMISSION

SEP 08 1995

CONSERVATION DIVISION
Wichita, Kansas

**BULK MATERIALS DELIVERY
 AND
 TICKET CONTINUATION**

15.055-21133-0000

FOR INVOICE AND
 TICKET NO. 217042

DATE 10-08-92	CUSTOMER ORDER NO. (B-K) 2110	WELL NO. AND FARM Arms #1	COUNTY Finney	STATE Kansas
CHARGE TO Kiwanda Energy	OWNER Same	CONTRACTOR Red Tiger	No. B 122583	
MAILING ADDRESS	DELIVERED FROM Hugoton, Ks	LOCATION CODE 025535	PREPARED BY Mike Gilbert	
CITY & STATE	DELIVERED TO E/ Garden City, Ks	TRUCK NO. 3625-5303	RECEIVED BY <i>Smith</i>	
		3626-4515		

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT			
		L	D		QTY.	MEAS.	QTY.	MEAS.					
				200 C.F. 40/60 Pozmix Cent									
504-050	516.00265	2	B	Premium Plus Cement	120	sk			8.19	982	80		
506-105	516.00286	2	B	Pozmix "A"	5920	lb			.06	355	20		
506-121	516.00259	2	B	Halliburton Gel 2%	3	sk				N/C			
504-120		2	B	Halliburton Light Cement	425	sk			7.40	3145	00		
507-665	70.15556	2	B	Halad-9 .5%W/ 625	271	lb			7.90	2140	90		
508-002	70.15302	2	B	Potassium Chloride x5%W/ 625	2200	lb			.25	550	00		
500-207		2	B	SERVICE CHARGE					CU. FEET -- 625 --	1.15	718 75		
500-306		2	B	Mileage Charge	59,209	TOTAL WEIGHT	25	LOADED MILES	740.1125	TON MILES	.80 592 09		
No. B 122583										CARRY FORWARD TO INVOICE		SUB-TOTAL	
												8484 74	

THIS IS NOT AN INVOICE

RECEIVED
 STATE CORPORATION COMMISSION
 SEP 08 1993
 CONSERVATION DIVISION
 Wichita, Kansas