

HAL BURTON SERVICES JOB SUMMARY

HALLIBURTON
DIVISION

Wichita

HALLIBURTON
LOCATION

Lamar, Co.

BILLED ON
TICKET NO. 050364

CUSTOMER

17000

Chapman & Assoc A-2

A-2

JOB TYPE

P.T.A.

DATE

6-17-82

FOR A 2012 R-2

FIELD Chayenne Wells

SEC. 33 TWP. 13 WELL DATA

RNG. 44W

COUNTY Chayenne

PO

FORMATION NAME Spergen

FORMATION THICKNESS FROM TO

INITIAL PROD: OIL SPD. WATER SPD. GAS MCFD

PRESENT PROD: OIL SPD. WATER SPD. GAS MCFD

COMPLETION DATE MUD TYPE MUD WT.

PACKER TYPE Model "F" SET AT 5522

BOTTOM HOLE TEMP. PRESSURE

MISC. DATA TOTAL DEPTH

	NEW USED	WEIGHT	SIZE	FROM
CASING	U	15.5	5 1/2	GL
LINER				
TUBING	U	6.5	2 7/8	GL 2950
OPEN HOLE				
PERFORATIONS				
PERFORATIONS				
PERFORATIONS				



JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>6-17-82</u>	DATE <u>6-17</u>	DATE <u>6-17</u>	DATE <u>6-17</u>
TIME <u>05:00</u>	TIME <u>08:30</u>	TIME <u>09:40</u>	TIME <u>12:30</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Schroeder</u>	<u>32526</u>	<u>Lamar</u>
<u>J. LARRICK</u>	<u>8339</u>	<u>"</u>
<u>K. Topliss</u>	<u>9317-3044</u>	<u>"</u>
	<u>B.T.</u>	

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR	<u>BEST IMAGE</u>	
FLOAT SHOE	<u>AVAILABLE</u>	
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG	<u>5-W 5 1/2</u>	<u>1 Howto</u>
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
GELLING AGENT TYPE	GAL.-LB.	IN
FRIC. RED. AGENT TYPE	GAL.-LB.	IN
BREAKER TYPE	GAL.-LB.	IN
BLOCKING AGENT TYPE	GAL.-LB.	
PERFAC BALLS TYPE	QTY.	
OTHER		
OTHER		

DEPARTMENT <u>Cmt.</u>
DESCRIPTION OF JOB <u>P.T.A. - 1st Plug - 150 SKS.</u>
<u>"H" Cmt. AT 2950' Displace w/ 8 BBL.</u>
<u>H₂O 2nd Plug - 10 SKS AT Top of</u>
<u>Surface</u>
JOB DONE THRU: TUBING <input checked="" type="checkbox"/> CASING <input type="checkbox"/> ANNULUS <input type="checkbox"/> TSG./ANN. <input type="checkbox"/>
CUSTOMER REPRESENTATIVE <u>X Perry Roggenbach</u>
HALLIBURTON OPERATOR <u>Randy Schrock</u> COPIES REQUESTED <u>1</u>

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>150</u>	<u>N</u>		<u>SW</u>	<u>B</u>		<u>1.18</u>	<u>15.6</u>
<u>2</u>	<u>10</u>	<u>N</u>		<u>SW</u>	<u>B</u>		<u>4.18</u>	<u>15.6</u>

PRESSURES IN PSI

CIRCULATING	DISPLACEMENT
BREAKDOWN	MAXIMUM
AVERAGE	FRACTURE GRADIENT
SHUT-IN: INSTANT	5-MIN. 15-MIN.

HYDRAULIC HORSEPOWER

ORDERED	AVAILABLE	USED
TREATING	DISPL. <u>5</u>	OVERALL <u>1 1/2</u>
FEET <u>1407</u>	REASON <u>Plug TO Abandon</u>	

SUMMARY

PRESLUSH: BBL.-GAL. <u>25</u>	TYPE
LOAD & BKDN: BBL.-GAL.	PAD: BBL.-GAL.
TREATMENT: BBL.-GAL.	DISPL: BBL.-GAL. <u>2</u>
CEMENT SLURRY: BBL.-GAL. <u>33.5</u>	
TOTAL VOLUME: BBL.-GAL. <u>60.5</u>	

REMARKS

Thanks for Calling Halliburton!
See Job Log.

CUSTOMER

WELL NO. A-2 LEASE Chaplin 124 Amoco A-2 TICKET NO. 050364
CUM. MER Amoco PAGE NO. 1
JOB TYPE Plug to Abandon DATE 6-17-82

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	05:00							<i>Called Out Requested on loc. on loc.</i>
	09:00							
	08:30							
								<i>1st Plug (150 SKS AT 2950')</i>
1	09:40	5	25	/	/	0	0	Pump 25 BBL H ₂ O ahead Cmt.
2	09:48							Start Cmt.
3	09:56	4	31	/	/	0	0	Finished Cmt.
4	09:58	5	8	/	/	0	0	Finished Displacement
								RIG Pulling TBG.
								<i>2nd Plug (10 SKS. AT Top of Section)</i>
	12:25							start Cmt.
	12:30	1	2			0	0	Finished Cmt
								<i>Thanks for the J.B!</i>

CUSTOMER



FORM 1908 R-3

A Division of Halliburton Company
DUNCAN, OKLAHOMA 73530WORK ORDER CONTRACT
AND PRE-TREATMENT DATAATTACH TO
INVOICE & TICKET NO. 050364DISTRICT LiberalDATE 6-17-82

TO: HALLIBURTON SERVICES

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Amoco Production Co.

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

WELL NO. A-2 LEASE Chapman 124 & Amoco A-2 SEC. 33 TWP. 13 RANGE 44WFIELD Chapman Wells COUNTY Cherokee STATE CO OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME Spargen TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER: TYPE Model "F" SET AT 5400

TOTAL DEPTH _____ MUD WEIGHT _____

BORE HOLE _____

INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCFPRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	4	15.5	5 1/2	GL	5522	
LINER						
TUBING	4	6.5	2 7/8	GL	2950	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

P.T.A. 1st Plug - 150 SKS "H" Cat. AT 2950' Disph. W/8 BBL H₂O
 2nd Plug - 10 SKS AT Top of Surface

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, ~~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. Halliburton shall, if its 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 shall, however, make its 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 ~~DATE~~ DATE of manufacture 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 Jerry Pappas

CUSTOMER

DATE _____

TIME _____ 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.

CUSTOMER