

HALLIBURTON
SERVICES

SUMMARY

HALLIBURTON
LOCATION

Sterling

BILLED ON
TICKET NO.

924/53

WELL DATA		FIELD		SEC.	TWP.	RNG.	COUNTY	STATE
				7	7 th	59 th	Weld	Co.
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							

TOOLS AND ACCESSORIES			
TYPE AND SIZE	QTY.	MAKE	
2 3/8" - 4 1/2"			
FLOAT COLLAR			
FLOAT SHOE			
GUIDE SHOE			
CENTRALIZERS			
BOTTOM PLUG			
TOP PLUG			
HEAD	SWAGE	1 EA.	Hoss
PACKER			
OTHER			

MATERIALS			
TREAT. FLUID	DENSITY	LB/GAL-AP	
DISPL. FLUID	DENSITY	LB/GAL-AP	
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.		
GELLING AGENT TYPE	GAL-LB.	IN	
FRIC. RED. AGENT TYPE	GAL-LB.	IN	
BREAKER TYPE	GAL-LB.	IN	
BLOCKING AGENT TYPE	GAL-LB.		
PERFFAC BALLS TYPE	QTY.		
OTHER			
OTHER			

JOB DATA

CALL OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
8/17	8/17	8/17	8/17
DATE	DATE	DATE	DATE
TIME 0530	TIME 0830	TIME 0949	TIME 1800

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
W. Goss E1944	39874 CMTA.	Sterling
M. Mullins (new)	1600-1	"
J. Brady D8235	7513	"
	2523	Brighton
	400	



00225900

DEPARTMENT	DESCRIPTION OF JOB
Cmt.	P.T.A.
JOB DONE THRU: TUBING <input checked="" type="checkbox"/>	CASING <input checked="" type="checkbox"/>
ANNULUS <input type="checkbox"/>	TSG/ANN. <input checked="" type="checkbox"/>
CUSTOMER REPRESENTATIVE X	N. L. Luff
HALLIBURTON OPERATOR	Goss
COPIES REQUESTED	1

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKS	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
I	30	Premiums	C	none		1.15	15.8
II	100	"	"	"		"	"
III	5	"	"	"		"	"

PRESSURES IN PSI

SUMMARY

CIRCULATING	DISPLACEMENT	PRESLUSH: BBL	VOLUMES	TYPE
BREAKDOWN	MAXIMUM	7	5, 15, 5	H2O
AVERAGE	FRACTURE GRADIENT	145		
SHUT-IN: INSTANT	5-MIN	16.14, 12.3, 1.02		
HYDRAULIC HORSEPOWER	15-MIN	222.21		
ORDERED	AVAILABLE	USED	REMARKS	
AVERAGE RATES IN BPM				

TREATING	DISPL.	CEMENT LEFT IN PIPE	OVERALL
16 - TOP SHUT	125.28 - Bottom	REASON	P.T.A.
FEET	SHUT		

see Job Log

SEP 14 '90 12:51

FROM HALLIBURTON STERLING

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HALLIBURTON SERVICES

WELL NO. 11-1 LEASE 1101ATICKET NO. 1071

JOB LOG

CUSTOMER FINA Oil & Chemical Co.PAGE NO. 1

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JOB TYPE A.T.A.DATE 8/17/90

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0530							called out
	0830							on loc.
	0835							set up
	0945							Hoss Ready
								1st Plug - 30 SKs. @ 6128 ^{FT}
	0949	3 1/2	5	1		0-1350		Pump H ₂ O Ahead
		3 1/2	6.14	1		1550		Mix Cont.
		3 1/2 - 4 1/2	24.8	1		1800		Pump Mud Disp.
						0		shut Down - Release psi.
	1024							Rig Down - Pull H ₂ O
	1312	2	7		1		0	Refill Hole - H ₂ O
	1316							shut down - Log & Perf.
	1425	3-7	145		1	0-2000		Circulate mud & work Pipe
	1448					0		shut Down - Free Point & Laydown csg
								2 nd Plug - 60 SKs. @ 384 ^{FT}
	1718		15	1		0-275		Pump H ₂ O
			12.3	1		200		Mix Cont.
			.7	1		300-0		Displacement H ₂ O
	1732					0		shut Down - Pull H ₂ O
								3 rd Plug - 5 SKs. @ 30 ^{FT}
	1745		5	1		100		Pump H ₂ O
			1.02	1		100		Mix Cont.
			.5	1		50-0		Pump H ₂ O Displacement
	1748					0		shut Down - Pull H ₂ O
								Wash up - Rig Down
	1800					0		End of Job

RECEIVED

SEP 28 1990

COL. OIL & GAS CONS. COM.

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■ A Division of Halburton Company

FORM 1008 9-74

As consideration, this above-named Customer, agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. 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 costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the laws of the State of Texas. If services are performed or equipment or materials are furnished, 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 OR FITNESS FOR ANY PARTICULAR PURPOSE, EXCEPT AS HEREIN STATED. CUSTOMER EXTENDS BEYOND THOSE STATED IN THE IMMEDIATE PRECEDING PARAGRAPH, THE LIMITED WARRANTY OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE TO THE PRODUCTS, SUPPLIES OR MATERIALS ON THEIR RETURN TO HALLIBURTON OR, AT HALLIBURTON'S OPTION, TO THE PURCHASER OF SUCH ITEMS. IN NO EVENT SHALL HALLIBURTON BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.

[illegible]

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SEP 28 1990

COLL. OIL & GAS CONS. COMM

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B- 82294

WAS JOB SATISFACTORILY COMPLETED?

WAS OPERATION OF EQUIPMENT SATISFACTORY?

WAS PERFORMANCE OF PERSONNEL SATISFACTORY?

X D. G. (Don) Tiffin
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X _____
CUSTOMER OF THE _____

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

Gies

HALLIBURTON OPERATOR

HALLIBURTON
APPENDIX ASUB
TOTAL

APPLICABLE TAXES
BE ADDED ON INVOICE



**AND
TICKET CONTINUATION**

FOR INVOICE AND
TICKET NO. _____

924153

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DATE 8-17-90	CUSTOMER ORDER NO.	WELL NO. AND FARM Roth 11-7	WELL STATE Weld Colo.
CHARGE TO Fina Oil & Chemical		OWNER Same	CONTRACTOR Yetter
MAILING ADDRESS		DELIVERED FROM Brighton	LOCATION CODE 55410 PREPARED BY Ceiswell-Brady
CITY & STATE		DELIVERED TO Ault, E on 14 to RD 105, 4S, 2E to Rig	TRUCK NO. 2523 RECEIVED BY Goss

[illegible]