



00046233

FINAL PLUGGED SCHEMATIC

FED. # D-052264

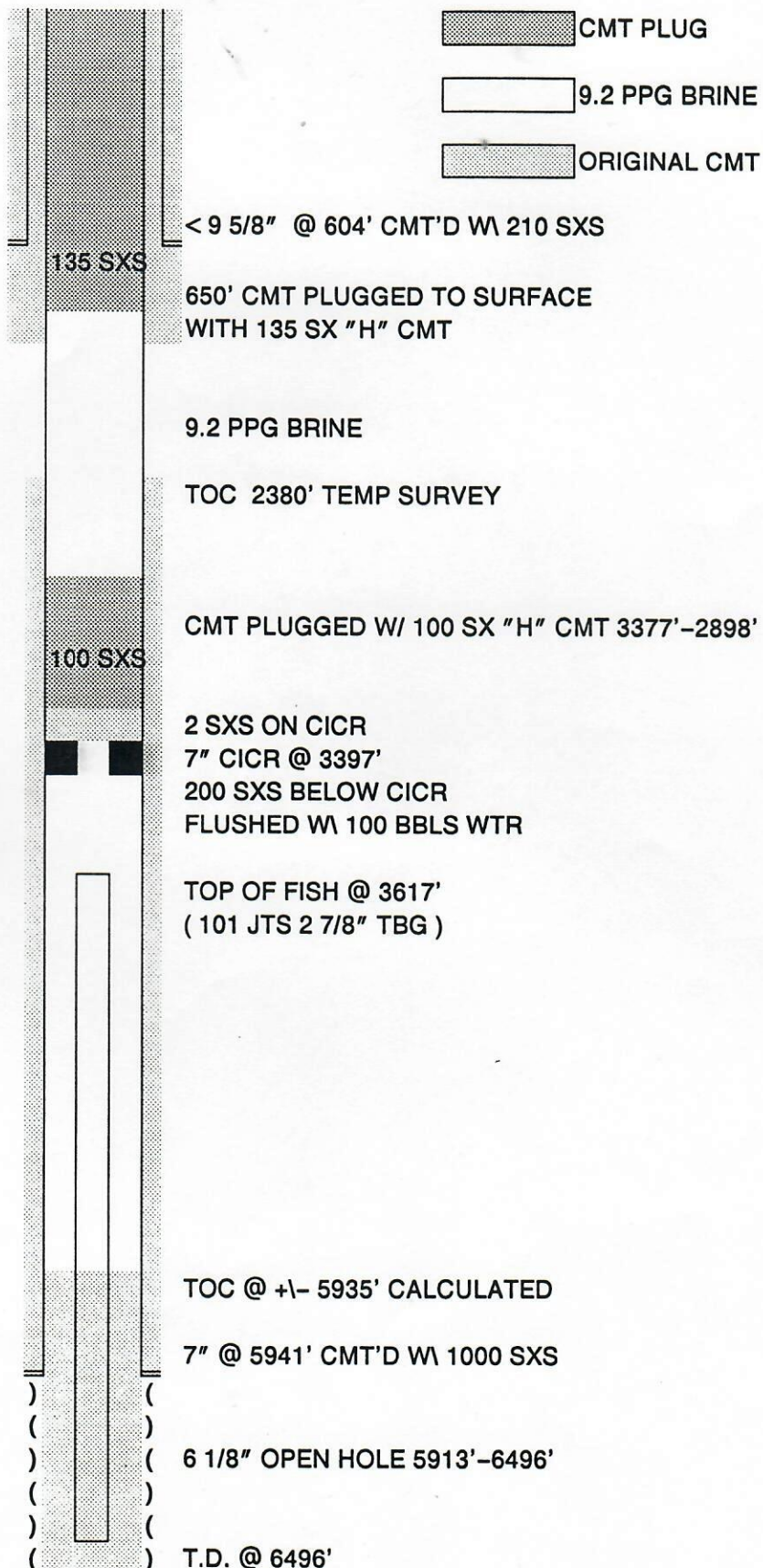
API # 05-103-05432

CHEVRON U.S.A. PRODUCTION CO.
PLUGGED AND ABANDONED (1992)
HAGOOD UNIT 1
SE NE SEC. 2, T1N, R102W

1974 PUMPED
150 SXS CMT DOWN
9 5/8" X 7" ANNULUS

DAKOTA TOP @ 3455'
MORRISON TOP @ 3529'

WEBER TOP @ 5868'



JOB LOG

WELL NO. 1 LEASE 11/19/00 D TICKET NO. 234756
 C. OMER Cheslow U.S.A PAGE NO. 1
 JOB TYPE P.T.A. DATE 7-24-72

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	0500							Called out
	0700							TAK ON LOC
	0845							Rig UP (Safely arriving)
	1100	1.0	—			4000		Start Pumping + Ditch CMT.
	1248	1.0	105					Drilled CMT C 11'
		1.0	—			4000		RTH TO 600'
	1323		135					Shut DOWN Change Bigh B.
	1334	1.0	—			4200		Start Pumping RTH TO 3377'
	1522		105			—		Shut DOWN
	1535							Rig UP to ANNULUS
	1540	1.0	—					Start Pumping
	1542	—	3			500		Pressure UP
	1543	—	—			—		Release Pressure
	1544					700		Pressure UP
	1546					550		Blind off
	1556					480		Blind off TO PSI 10min
								Released for DAY
								7-25-72
2	0500							Called out
	0645							ON LOC
	0700	1.6	—			2000		ST Pumping RTH TO 3375'
	0749	1.0	37			3900		TOB C 3375 Start 9.2# BINE
	1008	—	145			—		Shut DOWN BINE to SURFACE
	1015	1.0	—			3800		Start FISH
	1020	1.0	5			3800		END FISH
	1020	—	—			—		Mix CMT C 16.4" 1.0G
	1021	1.7	—			4900		Start CMT 100 SKS
	1038	1.5	184			4900		END CMT T.O.C 2898'
	1059	1.5	—			4800		Start DISP
	1052	—	11.5			—		END DISP
	1053	1.5	—			1000		P.O.O.L. to 650'
	1114		15			—		Shut DOWN

JOB LOG

WELL NO. 1LEASE HARWOODTICKET NO. 234756C. OMER Chadwick U.S.APAGE NO. 2JOB TYPE P.T.ADATE 7-25-72

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
<u>2</u>	<u>1115</u>							<u>TB9 C 650'</u>
	<u>1119</u>	<u>1.0</u>	<u>-</u>			<u>3900</u>		<u>START FISH</u>
	<u>1125</u>	<u>1.0</u>	<u>7</u>			<u>3900</u>		<u>END FISH</u>
	<u>1125</u>	<u>-</u>	<u>-</u>			<u>-</u>		<u>MIX CMT C 16.4 #9AI 1.06</u>
	<u>1126</u>	<u>.6</u>	<u>-</u>			<u>4700</u>		<u>START CMT</u>
	<u>1205</u>	<u>.3</u>	<u>25.4</u>			<u>5000</u>		<u>END CMT</u>
	<u>1205</u>	<u>.3</u>	<u>-</u>			<u>5000</u>		<u>START DISP</u>
	<u>1219</u>	<u>-</u>	<u>11.5</u>			<u>-</u>		<u>END DISP CMT RETURNS TO SURFACE</u>
	<u>1226</u>	<u>1.3</u>	<u>-</u>			<u>4000</u>		<u>Push. Clean out TB9.</u>
	<u>1237</u>		<u>15</u>			<u>-</u>		<u>Shut down.</u>
	<u>1300</u>							<u>RELEASED FROM JOB</u>
								<u>THANKS,</u>
								<u>DARRIN</u>

WELL DATA

FIELD Barro SEC. 1 TWP 2N RNG 12W COUNTY _____ STATE _____

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 _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>U</u>	<u>23</u>	<u>7</u>	<u>0</u>	<u>1670</u>	
LINER						
TUBING	<u>U</u>	<u>166</u>	<u>1 1/2</u>	<u>0</u>	<u>3307</u>	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

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	UNIT NO. & TYPE	LOCATION
<u>D. Bailey</u>	<u>10756</u>	<u>WELLS</u>
<u>R. P. Bailey</u>	<u>REAR</u>	<u>11</u>
	<u>7061</u>	<u>11</u>
	<u>5486</u>	<u>11</u>

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>100</u>	<u>N</u>	<u>P.P.</u>	<u>5</u>	<u>.6% NALCO 322</u>	<u>1.06</u>	<u>16.4</u>
<u>2</u>	<u>155</u>	<u>N</u>	<u>P.P.</u>	<u>5</u>	<u>.6% NALCO 322</u>	<u>1.06</u>	<u>16.4</u>

DATE 7-24 TIME 0500 DATE 7-24 TIME 0700 DATE 7-24 TIME 1100 DATE 7-25 TIME 1300

DEPARTMENT COAT DESCRIPTION OF JOB P.T.A.

JOB DONE THRU: TUBING ☒ CASING ☐ ANNULUS ☐ TBG/ANN. ☐

CUSTOMER REPRESENTATIVE X P. Bailey

HALLIBURTON OPERATOR D. Bailey COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>100</u>	<u>N</u>	<u>P.P.</u>	<u>5</u>	<u>.6% NALCO 322</u>	<u>1.06</u>	<u>16.4</u>
<u>2</u>	<u>155</u>	<u>N</u>	<u>P.P.</u>	<u>5</u>	<u>.6% NALCO 322</u>	<u>1.06</u>	<u>16.4</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 _____ REASON _____

SUMMARY

PRESLUSH: 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

SEE JOB LOG



FORM 1908 R-7

A Division of Halliburton Company

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO
INVOICE & TICKET NO. 234756DISTRICT UrbanaDATE 7-24-72

TO: HALLIBURTON SERVICES

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Chevron USA (CUSTOMER)
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE Hagerud SEC. 2 TWP. 1N RANGE 102WFIELD Ranney COUNTY Rio Blanco STATE Calo OWNED BY Chevron

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
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	<u>U</u>	<u>23</u>	<u>7"</u>	<u>0</u>	<u>DBTD</u>	
LINER						
TUBING	<u>U</u>	<u>6.80 lbs 100'</u>	<u>1.66</u>	<u>0</u>	<u>3387</u>	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Provide crew, equipment, materials to plug to abandon well
as instructed

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

- 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. 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 attorneys 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.
- To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
 - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- That 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 effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor 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 liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- That 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.
- That 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.
- To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- 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 _____

CUSTOMER

DATE 7-24-72TIME 9:00A.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.

FOR INVOICE AND
TICKET NO. 239136

DATE 07-23-92	CUSTOMER ORDER NO.	WELL NO. AND FARM <i>Hwy 2000 #1</i>	COUNTY Rio Blanco	STATE Colo
CHARGE TO Chevron USA		OWNER Same	CONTRACTOR Otis	No. B 965170
MAILING ADDRESS		DELIVERED FROM Vernal, Ut.	LOCATION CODE 55685	PREPARED BY L. Smith-J. Brewer
CITY & STATE		DELIVERED TO Location	TRUCK NO. 3760	RECEIVED BY <i>D. Gault</i>

[illegible]

HALLIBURTON
Duncan, Oklahoma 73536

A Division of Halliburton Company

TICKET
No. 234956-7

FORM 1906 R-11

(J.D. Howard)

WELL NO. - FARM OR LEASE NAME <i>Mayfield</i>		COUNTY <i>Rio Blanco</i>	STATE <i>Colo</i>	CITY / OFFSHORE LOCATION	DATE <i>7-24-72</i>
CHARGE TO <i>Chewan U.S.A.</i>		OWNER <i>SAME</i>		TICKET TYPE (CHECK ONE)	
ADDRESS <i>7272 DLET BSUS5</i>		CONTRACTOR <i>0715</i>		SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
CITY, STATE, ZIP		SHIPPED VIA <i>TEK</i>		FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	
WELL TYPE <i>01</i>	WELL CATEGORY <i>02</i>	WELL PERMIT NO. <i>B-765170</i>	DELIVERED TO <i>100</i>	3 LOCATION CODE	
TYPE AND PURPOSE OF JOB <i>PTA-115</i>		ORDER NO.		REFERRAL LOCATION	

As consideration, the 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 collection 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 law of the state where 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, FITNESS FOR A PARTICULAR PURPOSE 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, product liability, 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.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
000-117				MILEAGE <i>20.1 72.1 in</i> <i>70.1 Field</i>						AK	
000-117				Clear mileage	50	mi.			1.35	67	50
011-205				PUMP CHARGE	1	EA	5000	PSE		1425	00
011-213				Additional hrs.	6	hrs			285. ⁰⁰	1710	00
128-546				SOURCE MATERIALS 7.25	1	EA				165	00
000-117				Clear mileage	50	mi.			1.35	67	50
017-017				PUMP CHARGE	1	EA	5375	1.		1670	00
128-546				SOURCE MATERIALS	1	EA				165	00
<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%) rotate(-45deg); opacity: 0.5;"> THIS IS NOT AN INVOICE </div>										Total cost: 5761.70	
										Net cost DISCOUNT → 1336.75	
R2P2-I146-145										3641 70	

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B-

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X *(Signature)*
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X _____
CUSTOMER OR HIS AGENT (SIGNATURE)

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.

(Signature)
HALLIBURTON OPERATOR

HALLIBURTON
APPROVAL

CUSTOMER

SUB
TOTALAPPLICABLE TAXES WILL
BE ADDED ON INVOICE.

3641 70

7571 75