



A DIVISION OF HALLIBURTON COMPANY

REMIT TO
P. O. BOX 84737
DALLAS, TEXAS 75284

DIRECT ANY CORRESPONDENCE TO
P. O. DRAWER 1431
DUNCAN, OKLAHOMA 73533



00219909

INVOICE
NO. 835765

1 PAGES

NO.

FILE NO. AND TANK: 15X VICTOR
 COUNTY: Routt STATE: Colo.
 DATE: 10-10-80
 WYOCO PET.
 CONTRACTOR: SAME
 DUNCAN USE ONLY
 ADDRESS: Suite 200 New York Bldg
 LOCATION: IVERVAL CODE: 5568
 CITY, STATE, ZIP: SALT LAKE CITY, UT. 84101
 SHIPPED VIA: CO. TRUCKS LOCATION: 2 CODE:
 DELIVERED TO: LOC LOCATION: 3 CODE:
 ORDER NO.: 989053
 BULK MATERIAL DELIVERY TICKET NO.: B-89803
 TOTAL ACID-30 DAYS
 WELL TYPE
 TYPE AND PURPOSE OF JOB: Squeeze w 100 SKS G
 12 1/2 % CAL SEAL 390 CC

TERMS: NET DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
				QTY.	MEAS.	QTY.	MEAS.			
200-117			MILEAGE (9359)	1 1/2	mi			1.70	241	46
2009-13/R009-019			BASE CHARGE		50 FT				500	-
504-076			IDAHO CLASS G CMT	100	SKS			7.53	753	00
509-406			CALCUM CL RIDE MIXED 3%	3	SKS			25.00	75	00
508-107			CAL SEAL MIXED 12.5%	12	SKS			13.25	159	-
R100-115			MILEAGE 27777	142	mi			1.67	95	14
R102-053		X	OPERATOR TIME Tool not Run	12.8	hrs			21.00	168	-
			SERVICE CHARGE ON MATERIALS RETURNED							
500-207			SERVICE CHARGE	122				.76	92	72
500-314			10,857 TOTAL WEIGHT 142		LOADED MILES	778247		163	485	63

TAX REFERENCES

800-029 801-050 Co.

SUB TOTAL

2569 89

TAX

29 61

TAX

TAX

TOTAL

2599 50

IS JOB SATISFACTORILY COMPLETED?
IS OPERATION OF EQUIPMENT SATISFACTORY?
IS PERFORMANCE OF PERSONNEL SATISFACTORY?

Bill Davis
Customer or His Agent

J S Damm
Halliburton Operator



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-2

A Division of Halliburton Company DUNCAN, OKLAHOMA 73533

ATTACH TO INVOICE & TICKET NO. 83576

DISTRICT VORNAL

DATE 12-10-80

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: WYCOO (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 15X LEASE VICTOR SEC. 15 TWP. 6N RANGE 87W FIELD 9. HADDEN COUNTY ROUTT STATE COLO OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME TYPE INFORMATION THICKNESS FROM TO PACKER: TYPE SET AT TOTAL DEPTH MUD WEIGHT BORE HOLE INITIAL PROD: OIL BPD, H2O BPD, GAS MCF RESERV PROD: OIL BPD, H2O BPD, GAS MCF

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I. Rows include CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED Squeeze with 100 SKS G 12 1/2% CAL SCAL 3% CC IS INSTRUCTED

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

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 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 owned (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 action in the nature thereof, arising from a 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. 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) Upon Customer's default in the payment of Customer's account 60 days after date of invoice, such account will thereafter be subject to interest until paid. In the event it becomes necessary to employ an attorney to enforce collection of such account, Customer agrees to pay all collection costs and attorney fees in the amount of 20 per cent of the amount of the unpaid account. (k) 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] CUSTOMER

DATE 12-10-80

TIME 600 A.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.

HALLIBURTON SERVICES
JOB SUMMARY

DIVISION VERVAL
HALLIBURTON LOCATION VERVAL

BILLED ON TICKET NO. 836765

FORM 1012 R-2

WELL DATA
WELL EAST HAYDEN SEC. 15 TWP. 6N RNG. 87W COUNTY ROUIT STATE COLO

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. _____
ACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
LOG DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U	24	8 5/8	0	390	
LINER						
TUBING	U	3	3 1/2	0	50	400
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-10-80</u> TIME <u>0100</u>	DATE <u>12-10-80</u> TIME <u>0600</u>	DATE <u>12-10-80</u> TIME <u>915</u>	DATE <u>12-10-80</u> TIME <u>1315</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
COAT COLLAR		
COAT SHOE		
GUIDE SHOE		
ENTHALIZERS		
BOTTOM PLUG		
TOP PLUG		
SAO		
ACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J DAM</u>	<u>9359</u>	<u>VERVAL</u>
<u>L GILLMAN</u>		
<u>R LINDSEY</u>	<u>9338</u>	<u>U</u>

MATERIALS

HEAT FLUID _____ DENSITY _____ LB/GAL. API
ISPL. FLUID _____ DENSITY _____ LB/GAL. API
HOP. TYPE _____ SIZE _____ LB.
HOP. TYPE _____ SIZE _____ LB.
CID TYPE _____ GAL. %
CID TYPE _____ GAL. %
CID TYPE _____ GAL. %
URFACTANT TYPE _____ GAL. IN
AGENT TYPE _____ GAL. IN
UID LOSS ADD. TYPE _____ GAL.-LB. IN
ELLING AGENT TYPE _____ GAL.-LB. IN
MIC. RED. AGENT TYPE _____ GAL.-LB. IN
REAKER TYPE _____ GAL.-LB. IN
LOCKING AGENT TYPE _____ GAL.-LB.
ERFPAC BALLS TYPE _____ QTY.
OTHER _____
OTHER _____

DEPARTMENT CAT
DESCRIPTION OF JOB Sweep 20 100 SKS
6 12 1/2 CAL SEAL 370 CC
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
CUSTOMER REPRESENTATIVE X Bill Dennis
HALLIBURTON OPERATOR JSDam COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	100		G	Spartan	B	12 1/2 CAL SEAL 370 CC	1.34	14.8

PRESSURES IN PSI
CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
VELOCITY _____ FRACTURE GRADIENT _____
RUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
HYDRAULIC HORSEPOWER
BLERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM
HEATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE
LET _____ REASON _____

SUMMARY
PRESLUSH: BBL.-GAL. 20 TYPE _____
LOAD & BKON: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. 1 DISPL: BBL.-GAL. 3
CEMENT SLURRY: BBL.-GAL. 21
TOTAL VOLUME: BBL.-GAL. 47
REMARKS
Sec 109

CUSTOMER WPA
LEASE VICTOR
WELL NO. 15X
JOB TYPE Sweep 20
DATE 12-10-80



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INVOICE
NO. 835398

DATE: 12-13-80

WELL NO. AND PAHM: 15-1X *Wilton*

COUNTY: *ROTT* STATE: *OK*

OWNER: *Same*

CONTRACTOR: *CHANDLER*

SHIPPED VIA: *TRK*

DELIVERED TO: *Loc*

ORDER NO.: 989053

LOCATION 1: *VERMOL* CODE: *55635*

LOCATION 2: *2*

LOCATION 3: *3*

BULK MATERIAL DELIVERY TICKET NO.: *B-898047*

WELL TYPE: *Wild Cat* CODE: *WC*

TYPE AND PURPOSE OF JOB: *SQUEEZE*

TERMS: NET DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
				QTY.	MEAS.	QTY.	MEAS.				
300-117			MILEAGE 9355	130	mi			1.72	221	00	
309-019			BASE CHARGE	0-300	FT				500	00	
309-027			ADDITIONAL HOURS						1070	00	
70-109		C	SAND 20x40	2	SK			7.15	14	30	
304-076			Idaho B Unit	500	SK			9.53	376	50	
308-127			LOL SEAL 12 1/2 DIAM	1	LB			13.75	79	50	
309-406			Label 390 by WT	1	SK			25.00	25	00	
304-076			SOUTH WEST H UNIT	100	SK			7.53	753	00	
309-406			Label	3	SK			25.00	75	00	
			SERVICE CHARGE ON MATERIALS RETURNED								
300-207			SERVICE CHARGE	126					-76	126	10
300-314			TOTAL WEIGHT 15105	130	LOADED MILES	981.8			-63	618	55

TAX REFERENCES

300-029 301-050 Colo

SUB TOTAL 3859.09

TAX 37.50

TOTAL 3896.60

AS JOB SATISFACTORILY COMPLETED? _____

AS OPERATION OF EQUIPMENT SATISFACTORY? _____

AS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

Thomas E. Dool
Customer of This Agent

W. S. ...
Halliburton Operator

JOB LOG

WELL NO. 15-1X LEASE WYOCOVIC TICKET NO. 836249

CUSTOMER WYOCO PAGE NO. 1

JOB TYPE R-B-P DATE 12-18-80

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BDL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	10:30							ON LOCATION wait on RIG to pull out of hole
	11:30							(PICKUP RBP START W/ HOLE)
	12:00							Set R.B.P at 700 FT w 6 3/4 JNTS of Drill Pipe IN HOLE
	12:07							Pull off of RBP took 20000 top off of PLUG pull 1 JNT out of
	12:15							SPOT SAND ON RBP
	12:45							TAG SAND ON RBP 4' OF PILL UP ON BRIDGE PLUG
	13:00							RELEASED
						12	21	830
	17:20							ON LOCATION, wait on Drill CMNT
	18:30							Get on BP & R 1 TAG & START out of hole
	19:15							PLUG out of hole
	19:30							SND OF JOB
								Thank you
								<i>[Signature]</i>



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INVOICE NO. 836249

FORM 128-B-5
 TEL. NO. AND FARM: 15-IX WYOCO VICTOR
 COUNTY: ROUTT
 STATE: Colorado
 DATE: 12-21-80
 TARGET TO: WYOCO
 ADDRESS: SUITE 200 NEW YORK BLDG
 SALT LAKE CITY UTAH
 WYOCO PETROLEUM INC
 P.O. BOX 247
 RAWLINS, WY 82301
 989053
 CONTRACTOR: CHALLENGER DRG
 SHIPPED VIA: CO TRUCKS
 DELIVERED TO: Local
 ORDER NO.:
 LOCATION 1: VERNAL
 LOCATION 2: 2
 LOCATION 3: 3
 BULK MATERIAL DELIVERY TICKET NO.: B-
 TOTAL ACID-30 DAYS:
 WELL TYPE: WILD CAT
 CODE: W/C
 TYPE AND PURPOSE OF JOB: 5 FT 8 5/8 RBP FOR RECONCAT JOB

TERMS: NET DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
100-115				MILEAGE 23972	142	MI			.80	113	60
110-013				INITIAL-RUN 8 5/8 RBP	200	FT				1161	00
112-060				5 DAY RENTAL RBP 17-21-80	1	EA				143	00
R 100-115				MILEAGE	142	MI			.80	113	60
112-730				OPERATORS STAFFING	8	HR				239	00
119-032				OPERATORS EXPENSE	1	MH	1	DT		75	00
				SERVICE CHARGE ON MATERIALS RETURNED							
				SERVICE CHARGE							
				TOTAL WEIGHT		LOADED MILES					

TAX REFERENCES

AS JOB SATISFACTORILY COMPLETED? _____
 AS OPERATION OF EQUIPMENT SATISFACTORY? _____
 AS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

Gene P. Luckinbill
 Customer or His Agent

	SUB TOTAL	1845 20
	TAX	
	TAX	
	TAX	
	TOTAL	1845 20

M. Cannon
 Halliburton Operator

**WORK ORDER CONTRACT
AND PRE-TREATMENT DATA**

FORM 1908 R-2

A Division of Halliburton Company
DUNCAN, OKLAHOMA 73533

ATTACH TO INVOICE & TICKET NO. 836249

DISTRICT VERNAL

DATE 12-21-80

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: WYOCO (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 15-1X LEASE WYOCO VICTOR SEC. 15 TWP. 6N RANGE 870

FIELD HAYDEN COUNTY ROUFF STATE Colorado OWNED BY SAMS

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		U	24#	13 3/8	KB	260'	
LINER							
TUBING							
OPEN HOLE							SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Set 8 5/8 RBP for Recement of JOB AS INSTRUCTED

CUSTOMER OR HIS AGENT STATES 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 a action in the nature thereof, arising from a 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) Upon Customer's default in the payment of Customer's account 60 days after date of invoice, such account will thereafter be subject to interest until paid. In the event it becomes necessary to employ an attorney to enforce collection of such account, Customer agrees to pay all collection costs and attorney fees in the amount of 20 per cent of the amount of the unpaid account.
- (k) 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]
CUSTOMER

DATE 12-18-80

TIME 10:30 AM P.M.



REMIT TO
P. O. BOX 84737
DALLAS, TEXAS 75284

DIRECT ANY CORRESPONDENCE TO
P. O. DRAWER 1431
DUNCAN, OKLAHOMA 73533

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INVOICE NO. 835649

WELL AND FARM NO. 5-1x WYOCO VICTOR	COUNTY ROKIT	SECTION 6060	DATE 12-24-80
ADDRESS WYOCO	OWNER SAME	CONTRACTOR CHALLENGER	DUNCAN USE ONLY
CITY, STATE, ZIP SALT LAKE CITY, UTAH 84101	SHIPPED VIA	LOCATION 1	CODE 5568
WYOCO PETROLEUM INC P.O. BOX 247 RAWLINS, WY 82301	989053	LOCATION 2	CODE
ORDER NO.	DELIVERED TO LOCATION	LOCATION 3	CODE
TOTAL ACID-30 DAYS	BULK MATERIAL DELIVERY TICKET NO. B-898096	WELL TYPE Gas Production	CODE GP
TYPE AND PURPOSE OF JOB LONG STRING	TERMS: NET DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE		

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
				QTY.	MEAS.	QTY.	MEAS.			
000-117			MILEAGE 2142 TR IN FIELD	17	mi			2.00	34.	00
001-016			BASE CHARGE	5158	FT				1,406.	00
001-018			ADDITIONAL HOURS	11	HR	3	TR	545. ⁰⁰	1635.	00
030-015			Cement Plug SW	1	EA	5 1/2	in		30.	00
2A	825,205	✓	Guide Shoe	1	EA	5 1/8	in		94.	00
28	824,527	✓	Differential Fill FLAT COLLAR	1	EA	5 1/2	in		498.	00
350	890,10802	✓	HALLIBURTON WELD	1	EA				10.	25
04-076			South west Class H Cement	95	SK			7.53	715.	38
07-665			LBS Hound-9 mixed 16% B/W	54	LB			5.00	270.	00
00-033			STAND BY TIME	5	HR			35.00	175.	00
00-207			SERVICE CHARGE ON MATERIALS RETURNED		CU. FT.					
00-314			SERVICE CHARGE	95	CU. FT.			1.85	80.	75
			TOTAL WEIGHT 8.984	140	LOADED MILES	62888	TON MILES	1.70	440.	21

TAX REFERENCES		SUB TOTAL	5388.56
800029	801050	No TAX	48.53
Customer or His Agent: <i>Gene A. Luntz</i>		TAX	
Halliburton Operator: <i>A FINK</i>		TOTAL	5437.09

**WORK ORDER CONTRACT
AND PRE-TREATMENT DATA**

FORM 1908 R-2 A Division of Halliburton Company
DUNCAN, OKLAHOMA 73533

ATTACH TO INVOICE & TICKET NO. 835649

DISTRICT VERMILION UTAH

DATE 12-24-80

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: WYOCO (CUSTOMER)
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 15-1X LEASE WYOCO VICTOR SEC. 15 TWP. 6N RANGE 87N
FIELD WILD CAT COUNTY ROUTT STATE COLO OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		N	15.50	5 1/2	0	5758	
LINER							
TUBING							
OPEN HOLE							SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

LONG STRING WITH 95 STAGES CLASS H CEMENT WITH 16% HALAD-9 ADDITIVE

CUSTOMER OR HIS AGENT STATES 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 owned (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 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, 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.
- 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 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 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 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 such information.
- 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.
- Upon Customer's default in the payment of Customer's account 60 days after date of invoice, such account will thereafter be subject to interest until paid. In the event it becomes necessary to employ an attorney to enforce collection of such account, Customer agrees to pay all collection costs and attorney fees in the amount of 20 per cent of the amount of the unpaid account.
- 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 Gene C. Zwick CUSTOMER

DATE 12-24-80

TIME 1200 A.M. (P.M.)

HALLIBURTON SERVICES JOB SUMMARY

HALLIBURTON
LOCATION

VERNAL UTAH

BILLED ON
TICKET NO. 835649

WELL: WILD CAT

WELL DATA

SEC. 15 TWP. 6N RNG. 87N COUNTY ROU STATE 12-24-80

FORMATION NAME _____ TYPE _____

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. _____

SCREEN TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

ISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	15.50	5 1/2	0	5158	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-24-80</u>	DATE <u>12-24-80</u>	DATE <u>12-25</u>	DATE <u>12-25</u>
TIME <u>0800</u>	TIME <u>1200</u>	TIME <u>0530</u>	TIME <u>0640</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
COAT COLLAR <u>D. FHE 5 1/2</u>	<u>1</u>	<u>HALCO</u>
COAT SHOE		
PIPE SHOE <u>CMT</u>	<u>1</u>	<u>HALCO</u>
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>5W</u>	<u>1</u>	<u>HALCO</u>
SAO <u>SPCH V2</u>	<u>1</u>	<u>HALCO</u>
CHECKER <u>NSM K7</u>	<u>1</u>	<u>HALCO</u>
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>A FINK</u>	<u>943</u>	<u>VERNAL</u>
<u>DALID L.</u>	<u>HT400</u>	<u>VERNAL</u>
<u>PACKETT</u>	<u>9913</u>	<u>VERNAL</u>

MATERIALS

HEAT FLUID _____ DENSITY _____ LB/GAL. API

SPL. FLUID _____ DENSITY _____ LB/GAL. API

POP. TYPE _____ SIZE _____ LB.

POP. TYPE _____ SIZE _____ LB.

CID TYPE _____ GAL. _____ %

CID TYPE _____ GAL. _____ %

CID TYPE _____ GAL. _____ %

REFRACTANT TYPE _____ GAL. _____ IN

AGENT TYPE _____ GAL. _____ IN

UID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

LLING AGENT TYPE _____ GAL.-LB. _____ IN

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

BAKEN TYPE _____ GAL.-LB. _____ IN

CKING AGENT TYPE _____ GAL.-LB. _____

APPAC BALLS TYPE _____ QTY. _____

HER _____

HER _____

DEPARTMENT Cement

DESCRIPTION OF JOB LONG STRING

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

CUSTOMER REPRESENTATIVE X Gene C. Lusk

HALLIBURTON OPERATOR A FINK COPIES REQUESTED _____

CEMENT DATA

PAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>95</u>		<u>H</u>	<u>S.WEST</u>	<u>B</u>	<u>1.6% HALAD-9</u>	<u>118</u>	<u>15.6</u>

PRESSURES IN PSI

REGULATING 300 DISPLACEMENT 300

BACKDOWN _____ MAXIMUM 2300

BRIDGE _____ FRACTURE GRADIENT _____

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

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN DPM _____

CEMENTING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

REASON _____

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. 10 TYPE WATER

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

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 121.75

CEMENT SLURRY: BBL.-GAL. 20

TOTAL VOLUME: BBL.-GAL. 151.75

REMARKS

DID NOT WASH PUMPS & LINES
THEY ARE GOING TO DRILL DEEPER

CUSTOMER: WYCO VICTOR
JOB TYPE: LONG STRING
DATE: 12-24-80
WELL NO.: 15-14



A DIVISION OF HALLIBURTON COMPANY

REMIT TO
 P. O. BOX 84737,
 DALLAS, TEXAS 75284
 DIRECT ANY CORRESPONDENCE TO
 P. O. DRAWER 1431
 DUNCAN, OKLAHOMA 73533

PAGE 1 OF

INVOICE
 989348

WYOCO UICKER 15-1X	COUNTY ROUTT	STATE COLO.	DATE 1-14-80
WYOCO PETROLEUM COMPANY	OWNER SAME	DUNCAN USE ONLY	
PO BOX 247	CONTRACTOR CHALLENGER #25	LOCATION 1 RAWLINS	CODE 55535
RAWLINS, WY. 82301	SHIPPED VIA CU	LOCATION 2 VERNAL	CODE 5568
	DELIVERED TO E. HADEN, CO.	LOCATION 3	CODE
WYOCO PETROLEUM INC P.O. BOX 247 RAWLINS, WY 82301	ORDER NO. 989053	BULK MATERIAL DELIVERY TICKET NO. B-898170	
	TOTAL ACID-30 DAYS	WELL TYPE GAS DEVELOP	CODE G.L

TYPE AND PURPOSE OF JOB
 (Spot Cmt (SQUEEZE))

TERMS: NET DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.

PRICE REFERENCE	SECONDARY REF. ON PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
000-117		1	C	MILEAGE - 0414	140	MI.	1	PTK	2.00	280.00
009-134	009-019	1	C	Pump-CHARGE	2590	FT.	1	PTK	1219.06	1219.00
04-076		2	B	SOUTHWESTERN CLASSH Cmt.	400	SXS			7.53	3,012.00
09-406		2	B	C.C. MIXED 3 rd BY WT. SXS. CMT	11	SXS	10		25.00	275.00
07-202		2	B	FLOCCIE MIXED 4 th PER W/400 SXS. CMT	100	LBS			1.90	90.00
				SERVICE CHARGE ON MATERIALS RETURNED						
00-207		2	B	SERVICE CHARGE	422	CU. FT.			1.85	358.70
00-314		2	B	38,828 TOTAL WEIGHT 143 LOADED MILES 2776.20 TON MILES					1.70	1943.34

TAX REFERENCES

800-029 801-050

SUB TOTAL

1178 04

TAX

101 31

TAX

TAX

TOTAL

7279 35

IS JOB SATISFACTORILY COMPLETED?
 IS OPERATION OF EQUIPMENT SATISFACTORY?
 IS PERFORMANCE OF PERSONNEL SATISFACTORY?

Bill Davis
 Customer or His Agent

D. W. GARCIA
 Halliburton Operator



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ORM 1908 R-2

A Division of Halliburton Company DUNCAN, OKLAHOMA 73113

ATTACH TO INVOICE & TICKET NO. 989348

DISTRICT Rock Springs, Wyo.

DATE 1-14-81

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: WYCOLO PETROLEUM COMPANY (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 15-18 LEASE WYCOLO VICTOR SEC. 15 TWP. 6N RANGE 87W

FIELD W/E E. HAYDEN COUNTY ROOTT STATE CO. OWNED BY SAME

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 _____
CORE HOLE _____
INITIAL PROD: OIL _____ BPD, H2O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H2O _____ BPD, GAS _____ MCF

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I. Rows include CASING, LINER, OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU CASING ANNULUS TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
SQUEEZE D.A.

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

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- 1. 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...
(c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure...
(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 a...
(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...
(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.
(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.
(i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials.
(j) Upon Customer's default in the payment of Customer's account 60 days after date of invoice, such account will thereafter be subject to interest until paid.
(k) 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 Bill [Signature] CUSTOMER

DATE 1-14-80

TIME 1500 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.

HALLIBURTON SERVICES JOB SUMMARY

HALLIBURTON LOCATION

RAWLINS, WY.

BILLED ON TICKET NO.

989348

WELL DATA

W/C E. HADEN SEC. 15 TWP. 6N RNG. 82W COUNTY ROUTT STATE CO.

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
FORMATION THICKNESS	FROM TO	COASING					
INITIAL PROD: OIL	BPD. WATER	BPD. GAS	MCFD	LINE			
PRESENT PROD: OIL	BPD. WATER	BPD. GAS	MCFD	OPEN HOLE			SHOTS/FT.
COMPLETION DATE	MUD TYPE	MUD WT.		PERFORATIONS			
ACKER TYPE	SET AT			PERFORATIONS			
OTOM HOLE TEMP.	PRESSURE			PERFORATIONS			
ISC. DATA	TOTAL DEPTH						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
LOCAT COLLAR		
LOCAT SHOE		
WIDE SHOE		
ENTRALIZERS		
OTTOM PLUG		
IP PLUG		
OAD		
ACKER		
WELL 1 7/8" RETAINER 1"	1	HALCO

MATERIALS

LEAT. FLUID _____ DENSITY _____ LB/GAL. API

ISPL. FLUID _____ DENSITY _____ LB/GAL. API

ROP. TYPE _____ SIZE _____ LB.

ROP. TYPE _____ SIZE _____ LB.

CID TYPE _____ GAL. _____ %

CID TYPE _____ GAL. _____ %

CID TYPE _____ GAL. _____ %

RFRACTANT TYPE _____ GAL. _____ IN

AGENT TYPE _____ GAL. _____ IN

UID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

ELLING AGENT TYPE _____ GAL.-LB. _____ IN

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

REAKER TYPE _____ GAL.-LB. _____ IN

LOCKING AGENT TYPE _____ GAL.-LB. _____

REFPAC BALLS TYPE _____ QTY. _____

CHER _____

CHER _____

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 1-14-81	DATE 1-14-80	DATE 1-14-80	DATE 1-14-80
TIME 1030	TIME 1500	TIME 2025	TIME 2056

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
J. ABRAHAM	D414 PTK	RAWLINS
D. D. GARCIA	23C82 A.D.	RAWLINS
DOWELL	27800 P.D.	VERNAL
MOBLEY	2554	
PICKETT	2190 BTK.	VERNAL

DEPARTMENT C.M.T.

DESCRIPTION OF JOB SQUEEZE

JOB DONE THRU: TUBING CASING ANNULUS TDB./ANN.

CUSTOMER REPRESENTATIVE X Bill Davis

HALLIBURTON OPERATOR D. D. GARCIA COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF BAGS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SK.	MIXED LBS./GAL.
1	400	H		S.W.		CALCIUM CHLORIDE MIXED 30% BY WT. W/400 S.S. C.M.T. FLOCFLE MIXED TYPE PERASK. W/400 S.S. C.M.T.	1106	16.4

PRESSURES IN PSI SUMMARY

REGULATING _____ DISPLACEMENT _____ PRES LUSH: BBL.-GAL. 10 bbls VOLUMES TYPE FRESH H2O

LEAKDOWN _____ MAXIMUM _____ LOAD & BKN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

ERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 114 bbl.

UT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 75.5 bbl.

HYDRAULIC HORSEPOWER TOTAL VOLUME: BBL.-GAL. 96.9 bbl.

DERED _____ AVAILABLE _____ USED _____ REMARKS SEE JOB LOG

AVERAGE RATES IN BPM

EATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE

ET _____ REASON _____

CUSTOMER: WYCO PETROLEUM Co.

LEASE: WYCO VICTOR

WELL NO: 15-1X

JOB TYPE: SQUEEZE

DATE: 1-14-81



A DIVISION OF HALLIBURTON COMPANY

REMIT TO
 P. O. BOX 84737
 DALLAS, TEXAS 75284
 DIRECT ANY CORRESPONDENCE TO
 P. O. DRAWER 1431
 DUNCAN, OKLAHOMA 73533

PAGE 1 OF

1 PAGES

NO.

INVOICE
 835206

WYOCO VICKER	RAUTT	COLORADO	DATE	1-14-81
WYOCO	OWNER	SAME	DUNCAN USE ONLY	
Suite 200 New York Bldg	CONTRACTOR	Challenger Drill	LOCATION	1 Vernal
Salt Lake City Utah 84101	SHIPPED VIA	Co truck	LOCATION	2
	DELIVERED TO	Location	LOCATION	3
WYOCO PETROLEUM INC P.O. BOX 247 RAWLINS, WY 82301	ORDER NO.		BULK MATERIAL DELIVERY TICKET NO.	B-
	TOTAL ACID-30 DAYS		WELL TYPE	Gas Dev.
TERMS: NET	DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.		Type and purpose of job (trial stop water flow)	

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
				QTY.	MEAS.	QTY.	MEAS.			
100-115			MILEAGE (27800)	143	mi			.80	114	40
94	802,343		(5 1/2 F-2 drill)	1	ea				996	00
116-434			Sub rental	1	ea			50.00	50	00
			SERVICE CHARGE ON MATERIALS RETURNED		CU. FT.					
			SERVICE CHARGE		CU. FT.					
			TOTAL WEIGHT		LOADED MILES					

AS JOB SATISFACTORILY COMPLETED?	800029	801050	Co	SUB TOTAL	1,160	40
AS OPERATION OF EQUIPMENT SATISFACTORY?				TAX	29	88
AS PERFORMANCE OF PERSONNEL SATISFACTORY?				TAX		
X <i>Bill Davis</i> Customer or His Agent	<i>Ted B Powell</i> Halliburton Operator			TOTAL	1190	28

APPROVED *[Signature]*
 DIVISION MANAGER

nee

DISTRICT Vernal Ut.

DATE 1-14-80

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

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

WELL NO. 15-1x LEASE Wayoco Vicker SEC. 15 TWP. 6N RANGE 87W

FIELD East Hayden COUNTY Rout STATE Colo OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		N	17	5 1/2	0	2540	E-2
LINER							drill
TUBING		U	10.90	2 7/8	0	2540	
OPEN HOLE							SHOTS/FT.
PERFORATIONS							(Top Square Hole 2590)
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

(String into E-2 drill & pump 400 SKS cement up back of casing to stop water flow)

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

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

In 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 a 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, 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.
- 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. 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.
- 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.
- 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.
- Upon Customer's default in the payment of Customer's account 60 days after date of invoice, such account will thereafter be subject to interest until paid. In the event it becomes necessary to employ an attorney to enforce collection of such account, Customer agrees to pay all collection costs and attorney fees in the amount of 20 per cent of the amount of the unpaid account.
- 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 Bill Jones
CUSTOMER

DATE 1-14-80

TIME 1:40 P.M.

HALLIBURTON SERVICES JOB SUMMARY

HALLIBURTON LOCATION

Vernal Ut

BILLED ON TICKET NO.

835206

ORM 2012 R-2

WELL DATA
 WELD East Hayden SEC. 15 TWP. 6N RNG. 870 COUNTY Routt STATE Colo

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. _____
 CACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 ISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	84	17	5 1/2	0	2540	6-7
LINER						drill
TUBING	11	10.9	2 3/8	0	2540	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
COAT COLLAR		
COAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
SP PLUG		
CAO		
CACKER		
OTHER		

MATERIALS

HEAT FLUID _____ DENSITY _____ LB/GAL. API
 SPL. FLUID _____ DENSITY _____ LB/GAL. API
 COP. TYPE _____ SIZE _____ LB.
 COP. TYPE _____ SIZE _____ LB.
 CID TYPE _____ GAL. _____ %
 CID TYPE _____ GAL. _____ %
 CID TYPE _____ GAL. _____ %
 INFRACTANT TYPE _____ GAL. _____ IN
 AGENT TYPE _____ GAL. _____ IN
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN
 HIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
 BREAKER TYPE _____ GAL.-LB. _____ IN
 LOCKING AGENT TYPE _____ GAL.-LB. _____
 CRFPAC BALL TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SK.	MIXED LBS./GAL.

PRESSURES IN PSI
 CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 VELOCITY _____ FRACTURE GRADIENT _____
 CUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 BEATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 KEY _____ REASON _____

SUMMARY
 PRESURUSH: 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 _____

PERMITS AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. Dowell	27800	Pick-up Vernal

DEPARTMENT Tools
 DESCRIPTION OF JOB Re-cement 5 1/2 casing to stop water flow
 JOB DONE THRU: TUBING CASING ANNULUS TSG./ANN.
 CUSTOMER REPRESENTATIVE Bill Jarvis
 HALLIBURTON OPERATOR Ted L. Dowell COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SK.	MIXED LBS./GAL.

CUSTOMER: Woodco Ref
 LEASE: Wayano Vicker
 WELL NO.: 15-1X
 JOB TYPE: Tool
 DATE: 1-14-80



A DIVISION OF HALLIBURTON COMPANY

REMIT TO
P. O. BOX 84737
DALLAS, TEXAS 75284

DIRECT ANY CORRESPONDENCE TO
P. O. DRAWER 1431
DUNCAN, OKLAHOMA 73533

PAGE 1 OF

1 PAGES

INVOICE
NO. 835151

OHM 196-R-5

WELL NO. AND FARM 15-1 VICTOR	COUNTY ROUITT	STATE COLO	DATE 1-21-81
TARGET TO WYOCO	TOWN SAME	DUNCAN USE ONLY	
ADDRESS SUITE 200 NEW YORK BLDG.	CONTRACTOR NONE	LOCATION 1 VERNAL	CODE 53685
CITY, STATE, ZIP SALT LAKE CITY, UTAH 84101	SHIPPED VIA CO TRUCKS	LOCATION 2	CODE
MYOCO PETROLEUM INC P.O. BOX 247 RAWLINS, WY 82301	DELIVERED TO LOC	LOCATION 3	CODE
989053	ORDER NO.	BULK MATERIAL DELIVERY TICKET NO. B-898190	
	TOTAL ACID-30 DAYS	WELL TYPE	CODE
	TYPE AND PURPOSE OF JOB 400 SK Plug		
TERMS: NET	DUE BY THE 20TH OF FOLLOWING MONTH INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.		

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
				QTY.	MEAS.	QTY.	MEAS.			
000-117			MILEAGE 9359	145	mi			2.00	290	-
001-44			BASE CHARGE	2095	FT				1174	-
030-015			5 1/2 SW Plug (Rubber)	1	EA				30	-
564-076			CLASS G CMT	400	SKS			7.53	3012	-
569-106			CALCIUM CHLORIDE MIXED 376	11	SKS			25.00	275	-
708-305			GILSONITE MIXED 15#/SK	6,000	LBS			131	1860	-
			SERVICE CHARGE ON MATERIALS RETURNED							
500-207			SERVICE CHARGE	542				185	460	70
500-314			44,728 TOTAL WEIGHT 145 LOADED MILES 3242.72					170	2269	95

AS JOBS SATISFACTORILY COMPLETED?	AS OPERATION OF EQUIPMENT SATISFACTORY?	AS PERFORMANCE OF PERSONNEL SATISFACTORY?	TAX REFERENCES 800029 801050 Co	SUB TOTAL 9371 65
				TAX 155 31
				TOTAL 9526 96

Customer or His Agent: *Bill [Signature]*
Halliburton Operator: *J.S. [Signature]*



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-2 A Division of Halliburton Company DUNCAN, OKLAHOMA 73531

ATTACH TO INVOICE & TICKET NO. 535107

DISTRICT VERNAL

DATE 1-21-81

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Victor (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 15-1 LEASE VICTOR SEC. 13 TWP. 6N RANGE 87W
FIELD Hayden COUNTY Butt STATE COLO OWNED BY DAMR

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		4	15.35	5 1/2	0	5145	3000
LINER							
TUBING							
OPEN HOLE				4 3/4	5145	6122	SHOTS/FT.
PERFORATIONS							2295
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
Run 100 SRS 6 15' WSK GILSONITE 370 CC TUBING
Case & Disc with 45 BBL NS TREATMENT

CUSTOMER OR HIS AGENT STATES 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 owned (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 a action in the nature thereof, arising from a 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) Upon Customer's default in the payment of Customer's account 60 days after date of invoice, such account will thereafter be subject to interest until paid. If the event it becomes necessary to employ an attorney to enforce collection of such account, Customer agrees to pay all collection costs and attorney fees in the amount of 20 per cent of the amount of the unpaid account.
 - (k) 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] CUSTOMER

DATE 1-21-81

TIME 0900 A.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.

HALLIBURTON SERVICES JOB SUMMARY

HALLIBURTON LOCATION

VERNAL

BILLED ON TICKET NO.

825157

FORM 2013 R-2

WELL DATA
 WLD E Hayden SEC. 15 TWP. 6N RNG. 87W COUNTY ROGUE STATE COLO

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 TIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 ESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 MPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 CKER TYPE _____ SET AT _____
 TION HOLE TEMP. _____ PRESSURE _____
 C. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U	15.38	5 1/2	0	5145	3000
LINER						
CUBING						
OPEN HOLE			1 3/4	5145	6125	SHOTS/FT.
PERFORATIONS					2095	
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-21-81</u>	DATE <u>1-21-81</u>	DATE <u>1-21-81</u>	DATE <u>1-21-81</u>
TIME <u>2:30</u>	TIME <u>0900</u>	TIME <u>9:25</u>	TIME <u>1056</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
GAT COLLAR		
GAT SHOE		
IDE SHOE		
TRIALIZERS		
YTON PLUG <u>5W</u>	<u>1</u>	<u>HALCO</u>
P PLUG		
AD <u>V-2 NSPC</u>	<u>1</u>	
<u>NO IL</u>		
HER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>S DAM</u>	<u>9359</u>	<u>VERNAL</u>
<u>G MILLER</u>	<u>1640</u>	<u>A</u>
<u>G BERRY</u>	<u>5709</u>	

MATERIALS

EAT. FLUID _____ DENSITY _____ LB/GAL. API
 SPL. FLUID _____ DENSITY _____ LB/GAL. API
 COP. TYPE _____ SIZE _____ LB.
 COP. TYPE _____ SIZE _____ LB.
 ID TYPE _____ GAL. _____ %
 ID TYPE _____ GAL. _____ %
 ID TYPE _____ GAL. _____ %
 REFRACTANT TYPE _____ GAL. _____ IN
 AGENT TYPE _____ GAL. _____ IN
 UID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
 LLING AGENT TYPE _____ GAL.-LB. _____ IN
 IC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
 EAKER TYPE _____ GAL.-LB. _____ IN
 CCKING AGENT TYPE _____ GAL.-LB. _____
 HPAC BALLS TYPE _____ QTY. _____
 HER _____
 HER _____

DEPARTMENT CMT
 DESCRIPTION OF JOB 400 SR Plug

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

CUSTOMER REPRESENTATIVE X Bill [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>400</u>		<u>G</u>	<u>Southwest</u>	<u>B</u>	<u>15% G.L. 3% CC</u>	<u>1.46</u>	<u>14.3</u>

PRESSURES IN PSI SUMMARY
 CIRCULATING _____ DISPLACEMENT _____ PRESURUSH: BBL. 5 VOLUMES TYPE _____
 LEAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 VERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL. 45
 OUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 110
 HYDRAULIC HORSEPOWER TOTAL VOLUME: BBL.-GAL. 160
 ORDERED _____ AVAILABLE _____ USED _____ REMARKS
 AVERAGE RATES IN BPM
 LEATING _____ DISPL. _____ OVERALL
 CEMENT LEFT IN PIPE
 SET _____ REASON _____

See 609

CUSTOMER WIPCO
 LEADER 14102
 WELL NO. 15-1
 JOB TYPE CMT Plug
 DATE 1-21-81