

ON SERVICES SUMMARY



Denver
Sterling

BILLED ON
TICKET NO. 253832

WELL DATA

SEC. 28 TWP. 6N RING. (GdW) COUNTY Weld STATE CO

FORMATION NAME	TYPE	FROM	TO	CASING	NEW	WEIGHT	SIZE	FROM	UNIT	MAXIMUM BBL ALLOWABLE
FORMATION THICKNESS	DIAMETER	FROM	TO	LINER						
INITIAL PROD. OIL	BPD. WATER	BPD. GAS	MCPD	TUBING						
PRESENT PROD. OIL	BPD. WATER	BPD. GAS	MCPD	OPEN HOLE			7 7/8	KB	7268	SHOTS/FT.
COMPLETION DATE	MUD TYPE	SET AT		PERFORATIONS						
PACKER TYPE				PERFORATIONS						
BOTTOM HOLE TEMP.				PERFORATIONS						
MISC. DATA										

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 2 MAR 85 TIME 0945	DATE 2 MAR 85 TIME 1100	DATE 2 MAR 85 TIME 1537	DATE 2 MAR 85 TIME 1637

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR Insert Float + Fillup	1 ea	Halc0
FLOAT SHOE		
GUIDE SHOE FC5	5 1/2 1 ea	"
CENTRALIZERS 3-3	5 1/2 12 ea	"
BOTTOM PLUG SW	5 1/2 1 ea	"
TOP PLUG SW	5 1/2 1 ea	"
HEAD RO PC + MANDREL	5 1/2 1 ea	"
PACKER Cable Cleaners	5 1/2 9 ea	"
OTHER EZlok Clamps	5 1/2 2 ea	"

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
HE 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.	
PERFFAC BALLS TYPE	QTY.	
OTHER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
D. Shiel	HSG7	Sterling
J. Williams	75C-3	"
Vinfolde	7914	Brighton
Lucero	B410	"
Koger	0174	"
	B420	"
	Egmann	"

DEPARTMENT CMT
DESCRIPTION OF JOB Cement 5 1/2 Prod. Csg.

JOB DONE THRU: TUBING ☐ CASING ☒ ANNULUS ☐ TEG. ANN. ☐

CUSTOMER REPRESENTATIVE X Jones P
HALLIBURTON OPERATOR L. Williams
COPIES REQUESTED 1

CEMENT DATA

STAGE	NUMBER OF BAGS	TYPE	API CLASS	BRAND	BULK BRKED	ADDITIVES	YIELD CU. FT./SK.	MIXED LBS./GAL.
1	225		6		B	18% Sulf, 35% SSA-1, 3 1/2% AR-8 4 1/2% Halo 1-9 4 1/2% CFR-2	1.62	15.8

PRESSURES IN PSI SUMMARY

CIRCULATING 350	DISPLACEMENT 900	PRESLUSH: BBL-GAL. 34	VOLUMES
BREAKDOWN 700	MAXIMUM 2000	LOAD & BKDN: BBL-GAL.	PAD: BBL-GAL.
AVERAGE 2000	FRACURE GRADIENT	TREATMENT: BBL-GAL.	DISPL: BBL-GAL. 162/170
SHUT-IN: INSTANT	5-MIN.	CEMENT SLURRY: BBL-GAL. 65	
HYDRAULIC HORSEPOWER		TOTAL VOLUME: BBL-GAL. 269	REMARKS

ORDERED	AVAILABLE	USED
AVERAGE RATES IN BPM 6	DISPL. 8	OVERALL 7
TREATING 39	CEMENT LEFT IN PIPE	REASON shoe joint

CUSTOMER

WORK ORDER CONTRACT
AND PRE-TREATMENT DATA

RECEIVED

ATTACH TO
INVOICE & TICKET NO. 253832DATE APR 12 1985
COLO. OIL & GAS CO.DISTRICT Bright

TO: HALLIBURTON SERVICES

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Bellweather Expl. Co.

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

WELL NO. A-28 LEASE Derring SEC. 28 TWP. 6N RANGE 66WFIELD _____ COUNTY Weld 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 _____

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>N</u>	<u>17</u>	<u>5 1/2</u>	<u>KB</u>	<u>7264</u>	<u>2000</u>
LINER						
TUBING						
OPEN HOLE			<u>7 7/8</u>	<u>KB</u>	<u>7268</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Cement 5 1/2 Pwd. csg. with 225 lbs of G
containing 18% Sate, 35% SSA-1, 2% HR-8, 4% Alclad 9
and 34% CFB-2

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 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, 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 in 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.
- 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.
- 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 [Signature] CUSTOMERDATE 12 Mar 85TIME 12:50 A.M. P.M.

LOG

4-28

LEASE

Devin

TICKET NO.

252837

CUSTOMER

Taylor Doherty

PAGE NO.

**JOB TYPE**

Cont. 5 1/2 A Fed. C. L.

DATE

2-445

CUSTOMER