



Operator Name ROBERT E. CAMPBELL O/G OPERS Lease Name PHIL GRABER Well # 1

Sec. 18 Twp. 29S Rge. 6  East  West County Kingman

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SEE ATTACHED SHEET		
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
List All E.Logs Run:				

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	12-1/4"	8-5/8"	20#	265	40/60poz	180	2%gel 3%cc

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Top	Bottom			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD							
Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No				
Date of First, Resumed Production, SWD or Inj.			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio		Gravity	

Disposition of Gas:	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

ORIGINAL

ROBERT E. CAMPBELL  
OIL & GAS OPERATIONS  
260 N. ROCK ROAD • SUITE 110  
WICHITA, KANSAS 67206  
(316) 685-6001

DEC 11

CONFIDENTIAL

TO BE ATTACHED TO AND CONSIDERED PART OF  
ACO-1 WELL HISTORY AND INFORMATION CONTAINED  
HEREIN TO BE HELD CONFIDENTIAL

Re: PHIL GRABER #1  
C E/2 NE NW Sec. 18-29S-6W  
Kingman County, Kansas

**FEB 4 1994** Elevations: 1591 Ground Level  
1596 Kelly Bushing

11/21/91 Allen Drilling Company moved in & rigged up rotary tools. Spudded @ 10:00 PM.  
Drilled 12 1/4" hole to 270'. Set 265' (6 jts.) new 8-5/8" OD 8rd 20# R-3 casing @  
265' w/180 sks. 60-40 pozmix, 2% gel, 3% cc. Plug down @ 4:00 AM 11/22/91.  
Cement did circulate.

11/22/91 WOC. Will drill out from under surface csg. @ 12:00 Noon.  
(Slope test @ 270' - 1 1/2°)

11/23/91 Drlg. @ 1,460'.

SAMPLE TOPS

11/24/91 Drlg. @ 2,519'.  
(Slope test @ 1,665' - 3/4°)  
(Slope test @ 2,249' - 1°)

Indian Cave	2118	(- 522)
Topeka	2726	(-1130)
Heebner	3081	(-1485)
Toronto	3100	(-1504)
Douglas Shale	3118	(-1522)
Lansing	3325	(-1729)
Stark Shale	3742	(-2146)
Swope	3748	(-2152)
Hertha	3793	(-2197)
Cherokee Shale	3992	(-2396)
Mississippi	4132	(-2536)
Miss. Dolomite	4155	(-2559)
Kinderhook	4433	(-2837)
Misner Sand	4537	(-2941)
Viola	4544	(-2948)
RTD	4547	

11/25/91 Drlg. @ 3,430'.  
(Slope test @ 2,772' - 0°)  
(Slope test @ 3,362' - 1°)

11/26/91 Drlg. @ 3,970'.  
(Slope test @ 3,859' - 1/2°)

11/27/91 CFS @ 4,171'.  
(Slope test @ 4,151' - 1 1/4°)

DST #1: (4134 - 4151)

30-45-45-60; GTS on 1st opening.  
Gas stabilized @ 10,900 cf.  
Rec: 60' Drlg. mud w/good show of  
oil on top of tool

IBHP: 725# IFP: 53# - 53#  
FBHP: 957# FFP: 53# - 53#  
Temp: 123° Hydro: 2160# - 2021#

DST #3: (4482-4539)

30-30-30-30; No GTS.  
Rec: 30' Drlg. mud w/show of oil on top  
of tool

IBHP: 902# IFP: 60# - 50#  
FBHP: 172# FFP: 60# - 50#  
Temp: 126° Hyd: 2327# - 2297#

11/28/91 Drlg. @ 4,412'.

DST #2: (4154 - 4171)

30-45-90-60; No GTS  
Rec: 248' G in pipe  
10' Drlg. mud  
IBHP: 190# IFP: 42# - 42#  
FBHP: 225# FFP: 42# - 42#  
Temp: 123° Hyd: 2341# - 2021#

11/30/92 Drilled to 4,547'. Plugged  
hole w/140 sks. cement,  
60-40 pozmix, 4% get.

RECEIVED  
STATE CORPORATION COMMISSION

35 sks. @ 800'  
35 sks. @ 450'  
35 sks. @ 300'  
25 sks. @ 60'  
10 sks. in rathole  
Plug down @ 3:45 PM 11/29/91.

11/29/91 CFS @ 4,542'.  
(Slope test @ 4,539' - 1°)

DST #3: Continue to next column.

CONSERVATION DIVISION  
WICHITA, KANSAS

DEC 13 1991



# ORIGINAL WORK ORDER CONTRACT

FORM 1908 R-7

A Division of Halliburton Company

## AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 173717

DISTRICT Plant KS

DATE 11-29-91

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

WELL NO. 01 LEASE CRABER SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RANGE \_\_\_\_\_  
FIELD \_\_\_\_\_ COUNTY KEOSAUQUO STATE KS OWNED BY \_\_\_\_\_

### THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
PACKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
TOTAL DEPTH 4547' MUD WEIGHT \_\_\_\_\_  
BORE HOLE 7 7/8"  
INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF  
PRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING			<u>8 7/8"</u>	<u>KB</u>	<u>265'</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 7/8"</u>	<u>265'</u>	<u>4547'</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE FROM CONFIDENTIAL MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED \_\_\_\_\_  
Plan to abandon with 140 SCS of 40-60 lbs containment 6% GR. Procedure: 35 SCS @ 800', 35 SCS @ 450', 35 SCS @ 300', 25 SCS from 100' to surface of 10 SCS in returns.

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.
  - 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 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.

RECEIVED  
STATE CORPORATION COMMISSION  
DEC 13 1991  
CONSERVATION DIVISION  
WICHITA, KANSAS

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.  
SIGNED Mark Ken CUSTOMER  
DATE Nov 29, 1991  
TIME \_\_\_\_\_ A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER



# JOB SUMMARY ORIGINAL

HALLIBURTON DIVISION OK Conn  
HALLIBURTON LOCATION Permitt, KS

BILLED ON TICKET NO. 173717

WELL DATA

FIELD \_\_\_\_\_ SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY Kendrick STATE KS

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO 265

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH 4547

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			<u>8 7/8</u>	<u>125</u>	<u>265</u>	
LINER						
OPEN HOLE			<u>7 7/8</u>	<u>265</u>	<u>4517</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-29</u>	DATE <u>11-29</u>	DATE <u>11-29</u>	DATE <u>11-29</u>
TIME <u>1120</u>	TIME <u>1320</u>	TIME	TIME

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D KING 86633</u>	<u>50120</u>	<u>Permitt, KS</u>
<u>D GERARD 55965</u>	<u>80-PTTR</u>	<u>" "</u>
<u>A COLABATTI</u>	<u>2604-6660</u>	<u>" "</u>
<u>1-8234</u>	<u>Bulk</u>	<u>" "</u>

MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL-API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL-API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN.

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN.

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT Conn

DESCRIPTION OF JOB Permitt to Abandon

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR Henry R...

COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	RELEASED	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>1410</u>	<u>40/100 P2</u>	<u>Home</u>	<u>Bulk</u>	<u>6% Total Gas</u>	<u>FEB 4 1994</u>	<u>13.6</u>	

PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_

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. \_\_\_\_\_

VOLUMES

REMARKS

See Job Log

THANKS - R...

CUSTOMER \_\_\_\_\_

LEASE \_\_\_\_\_

WELL NO. \_\_\_\_\_

JOB TYPE \_\_\_\_\_

DATE 11-29-91

**HALLIBURTON SERVICES**  
**JOB LOG**

WELL NO. # 1 LEASE CRABER TICKET NO. 173717  
 CUSTOMER Robert Campbell PAGE NO. \_\_\_\_\_  
 JOB TYPE PLUG TO ABANDON DATE 11-29-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1120							<p style="text-align: right;"><b>ORIGINAL</b></p> <p>Called out - Ready now                      on loc - Plug already down                      Cables - Set up                      - Run in stands to CMT thru                      1<sup>st</sup> Plug 35 SKS @ 800'</p>
	1320							
			CONFIDENTIAL					
	1431	5.0	25	✓	✓	200		Run WATER AHEAD
	1436	5.0	9.0	✓	✓	200		Mix CMT
	1439	5.0	8	✓	✓	200		Run WATER BEHIND - Lay Down DP
								2 <sup>nd</sup> Plug - 25 SKS @ 450'
	1453	5.0	8	✓	✓	2.0		Run WATER AHEAD
	1455	5.0	9.0	✓	✓	150		Mix CEMENT
	1458	5.0	3.0	✓	✓	150		Run WATER BEHIND - Lay Down DP
								3 <sup>rd</sup> Plug - 35 SKS @ 300'
	1516	5.0	4	✓	✓	150		Run WATER AHEAD
	1517	5.0	9.0	✓	✓	100		Mix CMT
	1520	5.0	1.25	✓	✓	100		Run WATER BEHIND - Lay Down DP
	533		6.8	✓	✓	0		Plug From 60' TO SURFACE w/ 25 SKS
	1543		2.75	✓	✓	0		Plug RatHose w/ 10 SKS
	1545							Well Plugged - WASH UP
	1615							JOB COMPLETE

THANKS  
- R. [Signature]

RELEASED

FEB 4 1994

FROM CONFIDENTIAL

CUSTOMER



# BULK MATERIALS DELIVERY AND TICKET CONTINUATION



**ORIGINAL**  
 FOR INVOICE AND  
 TICKET NO. 173717  
 DEC 1

DATE <b>11/29/91</b>	CUSTOMER ORDER NO.	WELL NO. AND FARM <b>1 Phil Graber</b>	COUNTY <b>Kingman</b>	STATE <b>Ks.</b>
CHARGE TO <b>Robert Campbell</b>		OWNER <b>Same</b>	CONTRACTOR <b>Allen Drlg. Co.</b>	
MAILING ADDRESS		DELIVERED FROM <b>Pratt Ks.</b>	LOCATION CODE <b>25555</b>	PREPARED BY <b>Jim Arend</b>
CITY & STATE		DELIVERED TO <b>Well Site</b>	TRUCK NO. <b>2609-6606</b>	RECEIVED BY <i>Renz 1320</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
Front				40/60 Pozmix Cement	140	Sks				
504-308				Standard Cement	84	Sks			5.35	449.40
506-105				Pozmix A	56	Sks			3.29	184.24
506-121				Halliburton Gel 2% Allowed	2	Sks				N/C
509-554				Halliburton Gel 4% Additional	5	Sks			14.75	73.75
<div style="font-size: 2em; opacity: 0.5; transform: rotate(-45deg); position: absolute; top: 50%; left: 50%;">THIS IS NOT AN INVOICE</div>										
					<b>RELEASED</b>					
					<b>FEB 4 1994</b>					
					<b>FROM CONFIDENTIAL</b>					
		Returned Mileage Charge	TOTAL WEIGHT		LOADED MILES		TON MILES			
		SERVICE CHARGE ON MATERIALS RETURNED							CU. FEET	
		SERVICE CHARGE							CU. FEET	
500-207							150	1.15	172.50	
500-306		Mileage Charge	12,760 TOTAL WEIGHT		50 LOADED MILES		319.00 TON MILES		255.20	
No. <b>B</b>		<b>573067</b>		CARRY FORWARD TO INVOICE				SUB-TOTAL		1,135.09





WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ORIGINAL

FORM 1908 R-4

A Division of Halliburton Company DUNCAN, OKLAHOMA 73536

ATTACH TO INVOICE & TICKET NO. 173818

DISTRICT WPAIT, KS

DATE 12-22-91

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

WELL NO. 1 LEASE PHIL GARDNER SEC. 18 TWP. 27S RANGE 6W FIELD COUNTY KIDDER STATE KS OWNED BY

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME TYPE FORMATION THICKNESS FROM TO PACKER: TYPE SET AT TOTAL DEPTH 210 MUD WEIGHT BORE HOLE 12 7/8 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., SHOTS/FT. 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

STAINY 5/8 SURFACE CASING WITH 180 YDS 90% PO 2.5 GAL. 28CC

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

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- (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... (i) Halliburton shall not be bound by any changes or modifications in this contract...

FEB 4 1994

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

FROM CONFIDENTIAL

SIGNED Mike Kern CUSTOMER

DATE 12-22-91

TIME 11:00 A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

ORIG CITY, MO  
OPAT KS

BILLED ON TICKET NO. 173818

## ORIGINAL

### WELL DATA

## CONFIDENTIAL

FIELD \_\_\_\_\_ SEC. 18 TWP. 27 RNG. 6 COUNTY AT STATE KS

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 270

### JOB DATA

NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	12	30'	8 7/8"	KB	265
LINER					
TUBING					
OPEN HOLE					SHOTS/FT.
PERFORATIONS					
PERFORATIONS					
PERFORATIONS					

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG <u>1A-11</u>	<u>8 7/8"</u>	<u>1</u>
TOP PLUG		
HEAD <u>D/C</u>	<u>8 7/8"</u>	<u>1</u>
PACKER		
OTHER		

### MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL-API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL-API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN.

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN.

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
S. Woodrow 62573	PIU 37537	OPAT KS
D. GILBERT 15945	S0176 RGM	" "
A. GIOGARETTI 68239	3674 BULK 15621	" "

DEPARTMENT CEMENT

DESCRIPTION OF JOB CEMENT 8 7/8 SURFACE CSO

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X Mike Nelson

HALLIBURTON OPERATOR S Woodrow COPIES REQUESTED \_\_\_\_\_

### CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>120</u>	<u>4 7/8 port</u>	<u>M&amp;O</u>	<u>6</u>	<u>21 OR, 38 CC</u>	<u>1.25</u>	<u>14.3</u>

RELEASED

FEB 4 1994

### PRESSURES IN PSI

### SUMMARY

### VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL-GAL. \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL-GAL. \_\_\_\_\_ PAD: BBL-GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL-GAL. \_\_\_\_\_ DISPL: BBL-GAL. 16.5

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL-GAL. 40.3

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL-GAL. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET 15 REASON By Request

REMARKS \_\_\_\_\_

FROM CONFIDENTIAL

CUSTOMER: ALLIUM DRILLING  
LEASE: PHIL COPIER  
WELL NO: 1  
JOB TYPE: R/W CUSTOMER  
DATE: 11-22-91

**JOB LOG**

WELL NO. L LEASE PLUG CEMENT TICKET NO. 173818  
 CUSTOMER ALLAN DRILLING PAGE NO. 1  
 JOB TYPE 8 7/8" SURFACE **CONFIDENTIAL** DATE 11-22-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								<b>ORIGINAL</b>
	2300							JOB READY NOW
	2300							CALLED OUT FOR JOB
	0130							PUMP TRUCK + BULK TRUCK ON LOCATION
								R.O HAS 330' OF 1 1/2" HOLES MADE ON BOTTOM CIRCULAR NO
								SET UP PUMP TRUCK
	0200							SHORT TRIP DRILL PIPE
	0255							START RUNNING 8 7/8 SURFACE CSC
	0335							CASING ON BOTTOM 265"
								HOOK UP PILE CIRCUITING TROU
	0340							BREAK CIRCULATION WITH PUMP TRUCK
	0345	7			✓		300	START MIXING CEMENT THROUGH MIXING
			40					SHUT DOWN
								RELEASE PLUG WITH UP ON TOP OF PLUG
	0400		165				250	PLUG DOWN
								CIRCULATED CEMENT TO SURFACE

RELEASED

FEB 4 1994

FROM CONFIDENTIAL

CUSTOMER



TICKET NO. 173818-7

ORIGINAL

CONFIDENTIAL

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME <i>1- PHIL GARDEN</i>		COUNTY <i>Kingman</i>	STATE <i>Ks</i>	CITY / OFFSHORE LOCATION	DATE <i>11-22-71</i>
CHARGE TO <i>PLATE DRILLING</i>		OWNER <i>RUST CARROLL</i>		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR <i>ALLIANCE</i>		1 LOCATION <i>PLATE KS</i>	CODE <i>25</i>
CITY, STATE, ZIP		SHIPPED VIA <i>50120</i>	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		2 LOCATION
WELL TYPE <i>Oil</i>	WELL CATEGORY <i>Oil</i>	WELL PERMIT NO.	DELIVERED TO <i>LOCATION</i>		3 LOCATION
TYPE AND PURPOSE OF JOB <i>Oil 8% SERVICE</i>		<b>B-</b> <i>573058</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		
<i>000-117</i>		<i>/</i>		MILEAGE	<i>60</i>	<i>m</i>			<i>260</i>	<i>156.00</i>
<i>001-016</i>		<i>/</i>		PUMP CHARGE	<i>265</i>	<i>ft</i>			<i>1.80</i>	<i>475.00</i>
<i>001-003</i>		<i>/</i>		1 1/2 Ton Pump	<i>1</i>	<i>ea</i>	<i>2.78</i>	<i>ea</i>	<i>70.00</i>	<i>70.00</i>

THIS IS NOT AN INVOICE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B- 573058**

*1498 23*

WAS JOB SATISFACTORILY COMPLETED? \_\_\_\_\_

WAS OPERATION OF EQUIPMENT SATISFACTORY? \_\_\_\_\_

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? \_\_\_\_\_

X *Mike Kern*  
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X *Mike Kern*  
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.

*John Workman*  
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL \_\_\_\_\_

CUSTOMER

SUB TOTAL \_\_\_\_\_  
APPLICABLE TAXES WILL BE ADDED ON INVOICE.

