

## Well Plugging Report

Kansas Department of Health and Environment  
Bureau of Water Protection

(Authorized by K.S.A. 65-171d)

- A. Name of Company Amoco Production Company Well No. Salt Cavity Storage Well #7  
 Surface Elevation 3131.12  
 Company Address 2225 W. Oklahoma Ave Date well put into service Unknown  
Ulysses, KS 67880 Permit No. N/A
- B. Type of well LPG Storage Well  
 Surface pipe seat depth: 540 Feet  
 Production casing seat depth: 1656 Feet  
 Depth of well: 1725 Feet
- C. Reason for abandonment and plugging No longer needed in  
production processes.
- D. Well Location:  
SW 1/4 NW 1/4 NE 1/4 Sec. 5 Twp 29 S  
 Range 38 (~~XX~~) (W) Grant County  
 Co-ordinate footage location 727 FNL and 2530 FFL
- E. Has all of the tubing been removed from the well from the  
 base of the production casing to the surface? yes  
 If no, give explanation and indicate to what depth the  
 production casing is clear of tubing and other obstructions.
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

F. Describe the plugging procedure: Product was removed from the cavity by displacing it with brine. The tubing and packer were pulled and a mechanical bridge plug set and tested. A 50 feet thick thixotropic cement plug was placed above the bridge and tagged after setting for 24 hours. Cement was pumped from the plug to surface utilizing coiled tubing. After ensuring cement to surface, wellhead equipment was removed and a well identifier cap and monument established. Plugging was performed in accordance with the Plugging and Abandonment Plan submitted to the KDHE January 18, 1993 and subsequently approved by them. KDHE representatives witnessed many aspects of the plugging operation.

G. Plugging contractor: Barbo Well Service/Flint Engineering/Halliburton  
Plugging supervisor: Joe P. Eudey, Operations Specialist  
Date plugging commenced: 3-23-93  
Date plugging completed: 4-26-93

H. Has a copy of the cementing report been submitted to the Department for this plugging operation? Yes, attached

I hereby certify that the statements herein are true and correct to the best of my knowledge and belief.

Kelly Simall  
Applicant Or Duly Authorized Agent

Subscribed and sworn to before me this 26th day of April 19 93

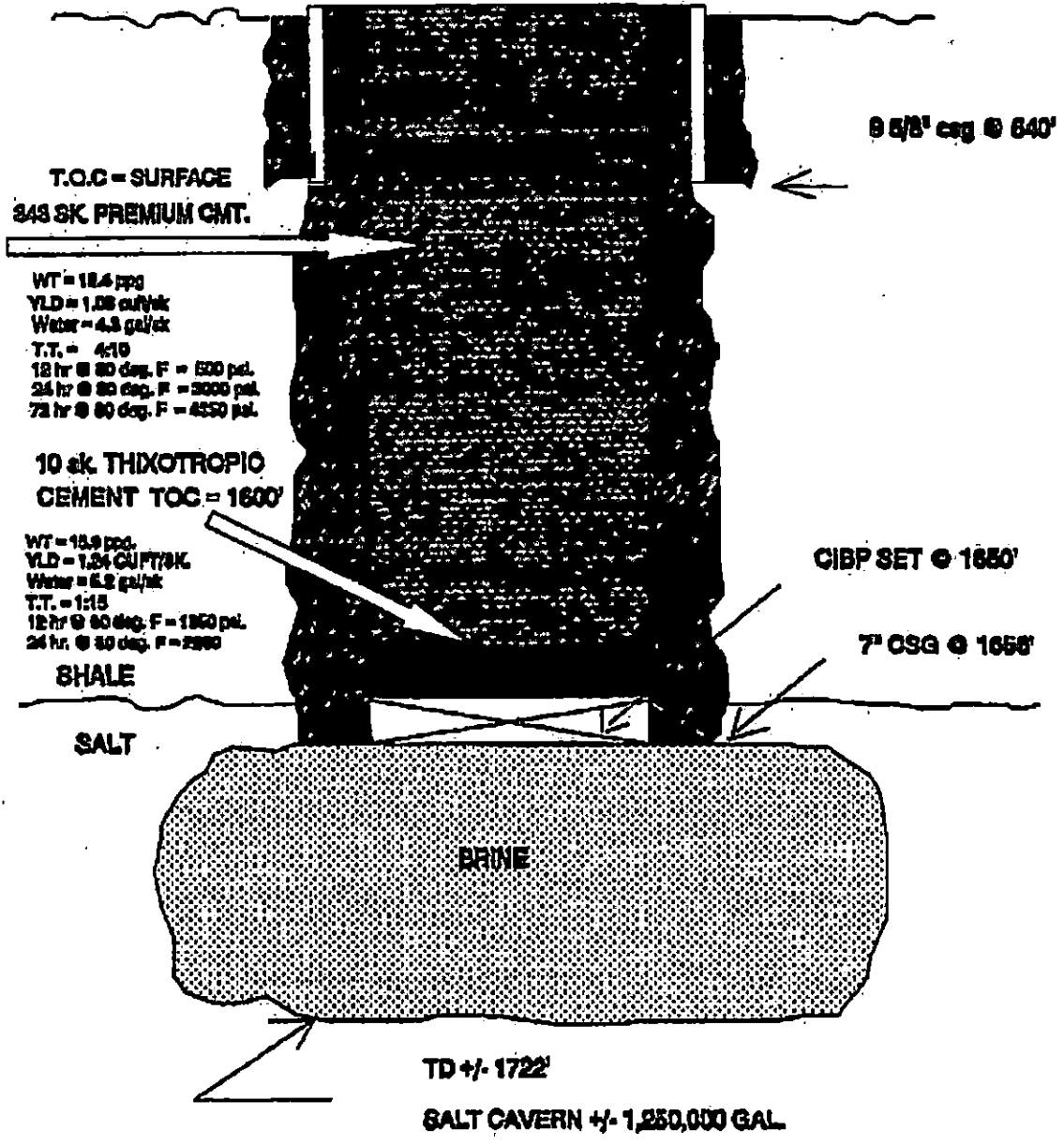


Annette Shilling  
Notary Public

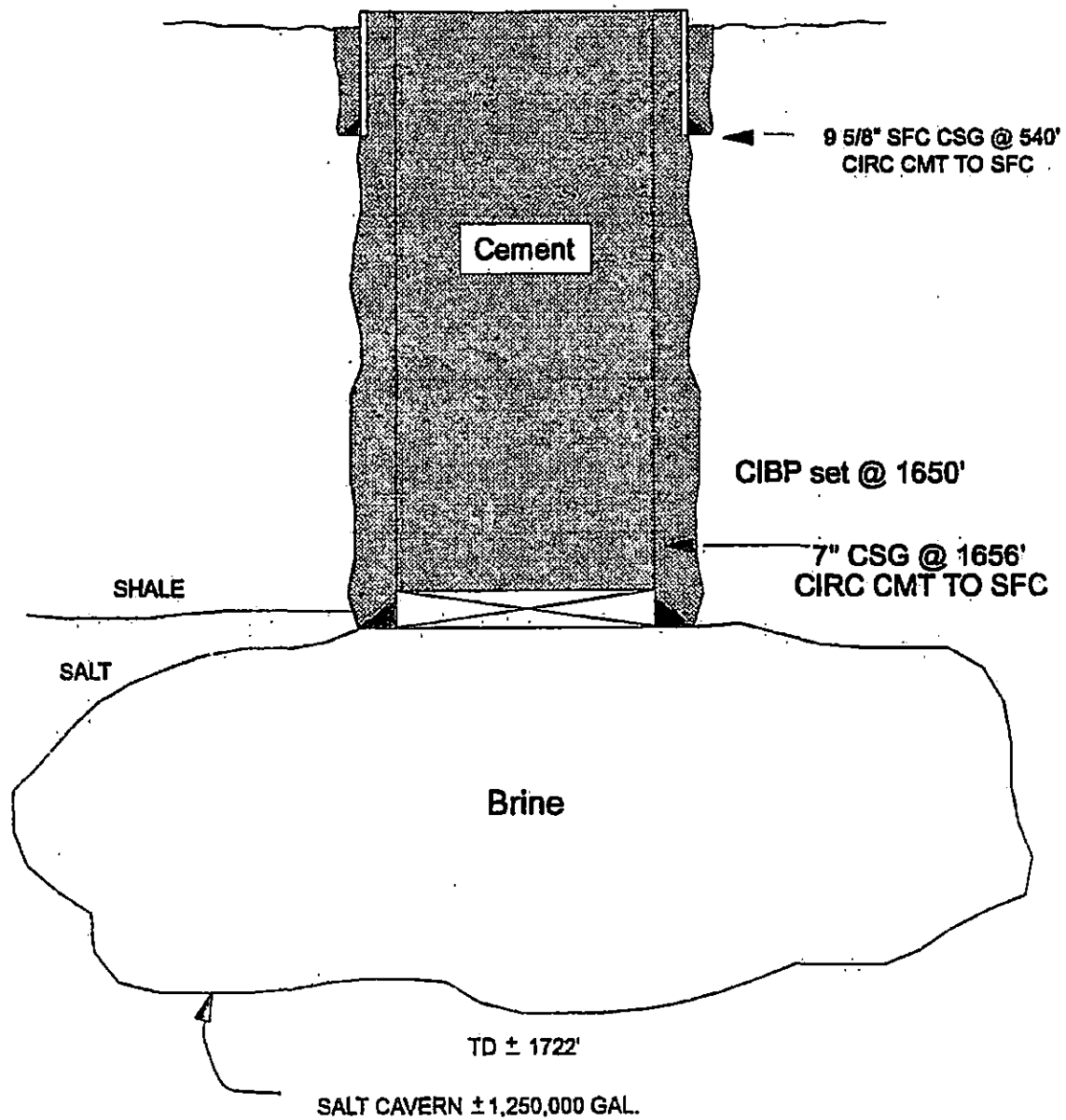
My Commission Expires February 22, 1997

EXHIBIT #3

# Salt Cavity Storage Well #7 P&A Wellbore Diagram



# Salt Cavity Storage Well #7 P&A Wellbore Diagram



December 1, 1992

File: DWB- -400.1

**Proposed Plugging and Abandonment Procedure  
Salt Cavity Storage Well No. 7  
Amoco Ulysses Gasoline Plant  
Grant County, Kansas**

Below is the proposed plugging and abandonment procedure for the subject well.

1. MIRUSU.
2. Pull any tubing in well.
3. Set a CIBP at 1650' feet, cap with 2 sks cement.
4. Pressure test to 300 psi for 5 min.
5. Upon successful CIBP test, fill remaining casing volume with thixotropic cement.
6. Cut off casing and weld on cap approximately one foot above ground level.
7. Restore location.

A wellbore sketch is attached for your reference. Please contact Kyle True with any questions at (303) 830-5241.

Attachment

COMPLETION AND REPAIR REPORT

Date: <b>042693</b>	<input type="checkbox"/> O/Gs. Drig	<input type="checkbox"/> Repair	<input type="checkbox"/> Resorption	<input checked="" type="checkbox"/> Plug/Abandon	Contractor Name & Rig No. - <b>Jim's Wellbore</b>	
Location Name & Well No.: <b>SCSW #7</b>			Project Operator: <b>Well plugged &amp; abandoned</b>			
TD:	PSD:	Rig no Location	Rig Release	Report Date: <b>042493</b>	Revision Date: <b>042493</b>	
Daily Well Cost: <b>44</b>		Cumulative Well Cost: <b>9361</b>		TCC:		
Top of Pay:		Base of Pay:		Formation:		

Date	Depth	Type of Plug	Sec No.	Perf. Size	Total H <sub>2</sub> O	HTG	Case Size	Case Depth	HTG	Fluid Density	Fluid Level

Pump Service (Add. Press. Control)	Field Type
Total Pumped (gallons, sacks)	Formation

Interval:	
Initial Water	Initial Production
Final Water	Maximum Production
Maximum Water	LSLF:
Maximum Rate	Final Shut In

Address Name	Volume	MSDS Effective Date

Comments	DCW	ELWTR	CCP	HRS.	STP	WBL
MIRU welder - weld cap on wellhead with identifier inscribed on top - RDM welder						
"Final Report"						
Welder 44						
Foreman:						<b>JPE</b>

COMPLETION AND REPAIR REPORT

Date: <b>041793</b>	<input type="checkbox"/> Occ. Delg	<input type="checkbox"/> Repair	<input type="checkbox"/> Recompletion	<input checked="" type="checkbox"/> Plug/Abandon	Completion Name & Rig No.: <b>Elmit &amp; Haliburton</b>
License Name & Well No.: <b>SCSW #7</b>	Process Operator:				
TR:	PSD:	Rig on Location: <b>041693</b>	Rig Release: <b>041693</b>	Resum. Date: <b>041693</b>	Resum. Date: <b>041693</b>
Daily Well Cost: <b>4462</b>	Cumulative Well Cost: <b>9317</b>		TCC:		
Top of Pay:	Base of Pay:		Formation:		

Date	Depth	Type of Cement	Qty	Perf. Size	Total Size	API	Gas Eff.	Gas Permeability	Type	Field Density	Field Class

Pump Service (Add, Pass, Comm)	Field Types:
Total Pumped (Gallons, Sacks)	Formation:

Initial Water	Initial @: gal	Initial Breakdown	gal
Final Water	Final @: gal	Maximum Pressure	gal
Minimum Water	Minimum @: gal	LSLFC	gal
Maximum Water	Maximum @: gal	Final Shut In	gal @ min

Addys Name	Volume	MSDS Effective Date

Comments: **BLW BLWTR GCP 1002 GTP 1002**

**MIRU Coil tbg rig - TTH x 1 1/4 coil tbg - Tag thixotropic plus e 1597 - MIRU Haliburton - Pump 343 SXS of premium plus cement while extracting coil tubing - Circulate cement to surface. RDMO Haliburton - RDMO coil tbg Rig.**

**Haliburton 3262**  
**Elmit 1200**

Prepared: **JPE**

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

DRM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 345232

DISTRICT Livestock, Ks

DATE 4-13-93

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

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

WELL NO. 7# LEASE SALT CAVITY UNIT SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RANGE \_\_\_\_\_

FIELD \_\_\_\_\_ COUNTY Grant STATE Ks OWNED BY Amoco Production

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

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
 FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
 CACKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
 TOTAL DEPTH \_\_\_\_\_ MUD WEIGHT \_\_\_\_\_  
 CORE HOLE \_\_\_\_\_  
 INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF  
 PRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING			7"	GL	1647	
LINER						
TUBING			2 3/8	KB	1647	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

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

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

Plug Back w/ 10<sup>th</sup> Thixotropic w/ 10<sup>th</sup> Gel Seal 4% Gel 2% CL

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

- As consideration, the above-named Customer agrees: **THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED**
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
  - To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
    - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
    - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof
    - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense indemnity release and hold harmless obligations of Customer provided for in this Section (b) and Section (c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections (b) and (c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
  - That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
  - That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
  - That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
  - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law
  - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
  - That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

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

SIGNED \_\_\_\_\_ CUSTOMER

DATE \_\_\_\_\_

TIME \_\_\_\_\_ A.M. P.M.



**HALLIBURTON SERVICES**  
Division, Company 1230

A Division of Halliburton Company

TICKET

NO. 345232-8

FORM 1908 R-11

WELL NO.-FARM OR LEASE NAME <i>2nd Salt Valley Unit</i>		COUNTY <i>Grant</i>	STATE <i>Ks</i>	CITY / OFFSHORE LOCATION	DATE <i>4-17-93</i>
CHARGE TO <i>Amoco Production</i>		OWNER <i>Amoco Production</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 <i>Amoco Production</i>		CONTRACT NO. <i>3</i>	LOCATION <i>1 Lircan, Ks</i>		CODE <i>25540</i>
CITY, STATE, ZIP		SHIPPED VIA <i>Herc</i>	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION <i>2 Huston, Ks</i>	CODE <i>25535</i>
WELL TYPE	WELL CATEGORY	WELL PERMIT NO.	DELIVERED TO <i>Loc.</i>	LOCATION <i>3</i>	CODE
TYPE AND PURPOSE OF JOB <i>05 02 135 Plus Back</i>		B-	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 annual 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 collecting 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 materials are furnished.

Halliburton warrants only title to its 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>200-117</i>		<i>1</i>		MILEAGE	<i>10</i>	<i>miles</i>			<i>2.75</i>	<i>27.50</i>
<i>209-018</i>		<i>1</i>		<i>Road charge</i>	<i>1650</i>	<i>FT</i>				<i>1120.00</i>
		<i>1</i>								

1. OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWNS.  AGREE  UNDECIDED  DISAGREE

2. WE UNDERSTOOD AND MET YOUR NEEDS.  AGREE  UNDECIDED  DISAGREE

3. OUR SERVICE WAS PERFORMED WITHOUT DELAYS.  AGREE  UNDECIDED  DISAGREE

4. WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY.  AGREE  UNDECIDED  DISAGREE

5. ARE YOU SATISFIED WITH OUR SERVICE?  YES  NO

CUSTOMER DID NOT WISH TO RESPOND. *S. P. L. E. S. E. R. Y.*

X CUSTOMER OR HIS AGENT (PLEASE PRINT)

X CUSTOMER OR HIS AGENT (SIGNATURE)

X CUSTOMER OR HIS AGENT (SIGNATURE)

BY TICKET NO. **B-**

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.

*R. Dennis Cooper*  
 HALLIBURTON OPERATOR

HALLIBURTON APPROVAL *7/4p 2570*

SUB TOTAL **1147.50**

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

ORIGINAL

INVOICE



HALLIBURTON SERVICES

PO BOX 1951046  
DALLAS, TX 75395-1046

INVOICE NO. DATE

345232 04/13/19

A Halliburton Company  
RECEIVED

WELL LEASE NO./PLANT NAME WELL/PLANT LOCATION STATE WELL/PLANT OWNER

SALT CAVITY UNIT GRANT 051911 AP 28 03 KS SAME

SERVICE LOCATION CONTRACTOR JOB PURPOSE TICKET DATE

LITERAL BARBO WELL SERVICE PLUG BACK 04/13/19

ACCT. NO. CUSTOMER AGENT VENDOR NO. CUSTOMER P.O. NUMBER SHIPPED VIA FILE NO.

018939 JOE EUDY 761448 03 4 COMPANY TRUCK 495

AMOCO PRODUCTION CO (USA)  
ULYSSES OPERATIONS CENTER  
2225 WEST OKLAHOMA AVENUE  
ULYSSES, KS 67880

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - EASTERN AREA1 MILEAGE	10	MI	2.75	27.50
009-019	PLUGGING BK SPOT CEMENT OR MUD	1650	FT	1,120.00	1,120.00
		1	UNT		
	INVOICE SUBTOTAL				1,147.50
	DISCOUNT-(BID)				286.87-
	INVOICE BID AMOUNT				860.63
	*-KANSAS STATE SALES TAX				42.17
	*-SEWARD COUNTY SALES TAX				8.61
	<div data-bbox="316 1333 812 1837" data-label="Form"> <p>ULYSSES            _____ Ulysses Plant _____ SUB _____ FEA            APPN# _____ DOS _____ OPCENTER _____            _____ in House Code _____ H _____ GG            Charge to: <u>Ulysses Gas Plant</u>            Used For: <u>P&amp;A Salt Cavity Well</u>  <u>DRA acct 7646-18</u>            _____ Haul &amp; Dispose Salt Water            _____ Expense _____ Investment _____ MPF _____ PF            Environment: _____ Land _____ Air _____ Water            _____ Rep (Form 5588) _____ P &amp; A            _____ Incomplete _____ Recomplete            Acct. _____ Sub _____ Fea _____            Approved: <u>J.P. Eudy</u> _____ 5GG  <u>J.P. Eudy</u> _____ Date _____</p> </div>				
OFFIX JOB	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$911.41

TERMS 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



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ORM 1808 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 345237

DISTRICT: Liberal, Ks

DATE: 4-16-93

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

WELL NO. 7th LEASE Salt County Storage Unit SEC. TWP. RANGE

TOWN COUNTY Grant STATE Ks OWNED BY Amoco Production

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., SHOTS/FT. Rows include CASING (7" GL), LINER, TUBING (1" GL 1597), OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS
TREATMENT INSTRUCTIONS: TREAT THRU TUBING [X] ANNULUS [ ] CASING [ ] TUBING/ANNULUS [ ] HYDRAULIC HORSEPOWER ORDERED

Big To Anderson 343 SK Premium Cant Well To Ground Level

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
a) 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 or 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 of 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.
b) 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:
1. 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.
2. Reservoir formation or well loss or damage, subsurface trespass or any action in the nature thereof.
3. Personal injury, death or property damage (including, but not limited to, damage to the reservoir, formation or well) or any damages whatsoever proximately caused in any way, connected with or resulting from operations at surface pressure losing control of the well and/or a well blowout or the use of radioactive material.
The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) shall apply to claims or liability, even if caused or contributed to by Halliburton, negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials or equipment of Halliburton whether in the preparation, design, manufacture, distribution or marketing thereof or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. This term shall apply to all of the divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
c) That because of the uncertainty of variable well conditions and the necessity of relying on tests and sampling services furnished by others, Halliburton is unable to predict the efficiency of the products, supplies or materials used for the results of any treatment or service nor the accuracy of any chart interpretation, research analysis, job recommendations or other data furnished. Halliburton, Halliburton personnel, and its best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for or for Customer or its agent or any Halliburton agent any damages arising from the use of such information.
d) That Customer warrants only title to the products, supplies and materials and not the same are free from defects in writing and in material. 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 or their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items up to each such Halliburton liability. This special incidental, indirect, punitive or consequential damages.
e) 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 matrix 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 unit, whether or not such loss or damage is caused by the sole negligence of Halliburton.
f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
g) That the contract shall be governed by the law of the state where services are performed or materials are furnished.
h) That Halliburton shall not be bound by any changes or modifications in this contract except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

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

SIGNED \_\_\_\_\_ CUSTOMER

DATE \_\_\_\_\_

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.



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Lisecol, Ks

BILLED ON TICKET NO. 345237

## WELL DATA

FIELD \_\_\_\_\_ SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNO. \_\_\_\_\_ COUNTY Grant 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 \_\_\_\_\_

NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
		<u>508</u>			
			<u>4275K</u>	<u>001005</u>	
					SHOTS/FT.

## JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-16</u>	DATE <u>4-16</u>	DATE <u>4-16</u>	DATE <u>4-16</u>
TIME <u>0400</u>	TIME <u>0630</u>	TIME <u>0645</u>	TIME <u>1935</u>

## TOOLS AND ACCESSORIES

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

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Divore</u>	<u>40575</u>	<u>Lisecol, Ks</u>
<u>R. Elwood</u>	<u>59179</u>	<u>"</u>
<u>D. Pearce</u>	<u>4903/7848</u> <u>14360/7670</u>	<u>Hogston, Ks</u>

## 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 \_\_\_\_\_

DEPARTMENT Cement

DESCRIPTION OF JOB PTA

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X Joe Eirloy Co Rep

HALLIBURTON OPERATOR Divore COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIONS	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>7"</u>	<u>343</u>	<u>Prem</u>	<u>'H'</u>			<u>1.06</u>	<u>16.4</u>
<u>8"</u>	<u>343</u>	<u>Prem</u>	<u>'H'</u>			<u>1.06</u>	<u>16.4</u>
<u>6"</u>	<u>343</u>	<u>Prem</u>	<u>H</u>			<u>1.06</u>	<u>16.4</u>
<u>10"</u>	<u>343</u>	<u>Prem</u>	<u>H</u>			<u>1.06</u>	<u>16.4</u>

PRESSURES IN PSI \_\_\_\_\_

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

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

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

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

HYDRAULIC HORSEPOWER \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

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

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

FEET \_\_\_\_\_ REASON \_\_\_\_\_

## SUMMARY

PRESLUSH: BBL-GAL \_\_\_\_\_ TYPE \_\_\_\_\_

LOAD & BKDN: BBL-GAL \_\_\_\_\_ PAD: BBL-GAL \_\_\_\_\_

TREATMENT: BBL-GAL \_\_\_\_\_ DISPL: BBL-GAL \_\_\_\_\_

CEMENT SLURRY: BBL-GAL 64.75

TOTAL VOLUME: BBL-GAL \_\_\_\_\_

## REMARKS

CUSTOMER: Amoco Production  
 JOB TYPE: Salt Water Storage Well  
 DATE: 4-16-93

HALLIBURTON SERVICES  
**JOB LOG**

WELL NO. \_\_\_\_\_ LEASE 16 \_\_\_\_\_ TICKET NO. \_\_\_\_\_

CUSTOMER Amaco Production PAGE NO. 1

JOB TYPE Plg To Abandon DATE 4-16-93

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0400							Time called
	0700							Time Ready
	0630							Time out loc!
	0645							Run Carded Turning in hole
	0738							Hookup To Tru
	0742							Set Jacket Shown Rate
	0750							Start Mix Cement
	0922	1/2	64.75					Finish Mix Cement
	0923							Circulate Cement To General Level
	0925							Shut Down wash Pump's & lines To Pit
	0928							Hookup & wash pipe
	0932							Shut Down Break Loss
								Move To 8 <sup>th</sup> loc. Setup Tank



# BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND  
TICKET NO. 345237

DATE <b>4-16-93</b>	CUSTOMER ORDER NO.	WELL NO. AND FARM <b>#7 &amp; #8</b>	COUNTY <b>Grant</b>	STATE <b>Kansas</b>
CHARGE TO <b>Amoco Production</b>		OWNER <b>same</b>	CONTRACTOR <b>Barbo</b>	
MAILING ADDRESS		DELIVERED FROM <b>Hugoton, Kansas</b>	LOCATION CODE <b>025535</b>	PREPARED BY <b>don Phillips</b>
CITY & STATE		DELIVERED TO <b>W/Ulysses, Kansas</b>	TRUCK NO.	RECEIVED BY <i>D. Love</i>
				No. <b>B 167056</b>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
				QTY.	MEAS.	QTY.	MEAS.			
504-043	516.00272	2 B	Premium Cement	686	sk			8.69	5,961	34
			Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES				
			SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET				
500-207		2 B	SERVICE CHARGE			CU. FEET	686	1.25	857	50
500-306		2 B	Mileage Charge	64,484#	10	TON MILES	322.420	.85	274	06
No. <b>B 167056</b>						CARRY FORWARD TO INVOICE	SUB-TOTAL		7692	90

INVOICE

BARBO WELL SERVICE, INC.  
SERVICE UNIT CONTRACTORS

P.O. Box 159 Ulysses, Kansas 67880

RECEIVED

052023 AP 30 93

Rig # 2 54 - ULYSSES

INVOICE B-2254

SOLD TO

Date 4-27-93

AMOCO PRODUCTION COMPANY  
ULYSSES OPERATIONS CENTER  
RT. 3 - BOX 7A  
ULYSSES, KANSAS 67880

Ordered By: JOE EUDEY  
Charged To: S C S W #7

REPAIR

County: GRANT  
State of Kansas

T2416 4-14-93 Moved in service unit - rigged up - run tubing - cement well - pulled tubing - rigged down - moved off 6 Hours

6 Hours of Service Unit time @ \$40.00 per hr	\$240.00
6 Hours of Operators at time @ \$19.00 per hr	114.00
12 Hours of Extra Labor @ \$17.50 per hr	210.00
1/2 Day Rental on Power Tongs @ \$75.00 per day	37.50
	<u>\$601.50</u>
5.9 Sales Tax	35.49
<b>TOTAL</b>	<b>\$636.99</b>

ULYSSES

Ulysses Plant SUB FEA

APPN# DOS CP CENTER

In House Code H CB

Charge to: *Ulysses Gas Plant*

Used For: *P&A salt Casing Well*

*ORA Acct 7646-18*

Haul & Dispose Salt Water

Expense Investment MPF PF

Environment: Land Air Water

Rep. (Form 5533) P & A

Incomplete Recomplete

Acct. Sub Fea

Approved: J. P. Eudey 5GG

*J P Eudey* Date