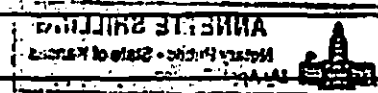


Well Plugging Report

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 # 2
2225 W. Oklahoma Ave Surface Elevation 3137.73
Ulysses, KS 67880 Date well put into service Unknown
 Permit No. N/A
- B. Type of well LPG Storage Well
 Surface pipe seat depth: 517 Feet
 Production casing seat depth: 1655 Feet
 Depth of well: 1730 Feet
- C. Reason for abandonment and plugging No longer needed in
production processes.
- D. Well Location:
NE 1/4 NW 1/4 NE 1/4 Sec. 5 Twp 29 S
Range 38 (W) (W) Grant County
 Co-ordinate footage location 525 FNL and 1810 FEI
- 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.

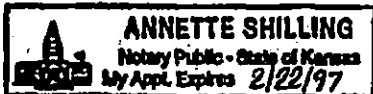
G. Plugging contractor: Barbo Well Service/Flint Engineering/Halliburton
 Plugging supervisor: Joe P. Eudey, Operations Specialist
 Date plugging commenced: 3-29-93
 Date plugging completed: 4-26-93

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.

Bill Judles
 Applicant Or Duly Authorized Agent

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

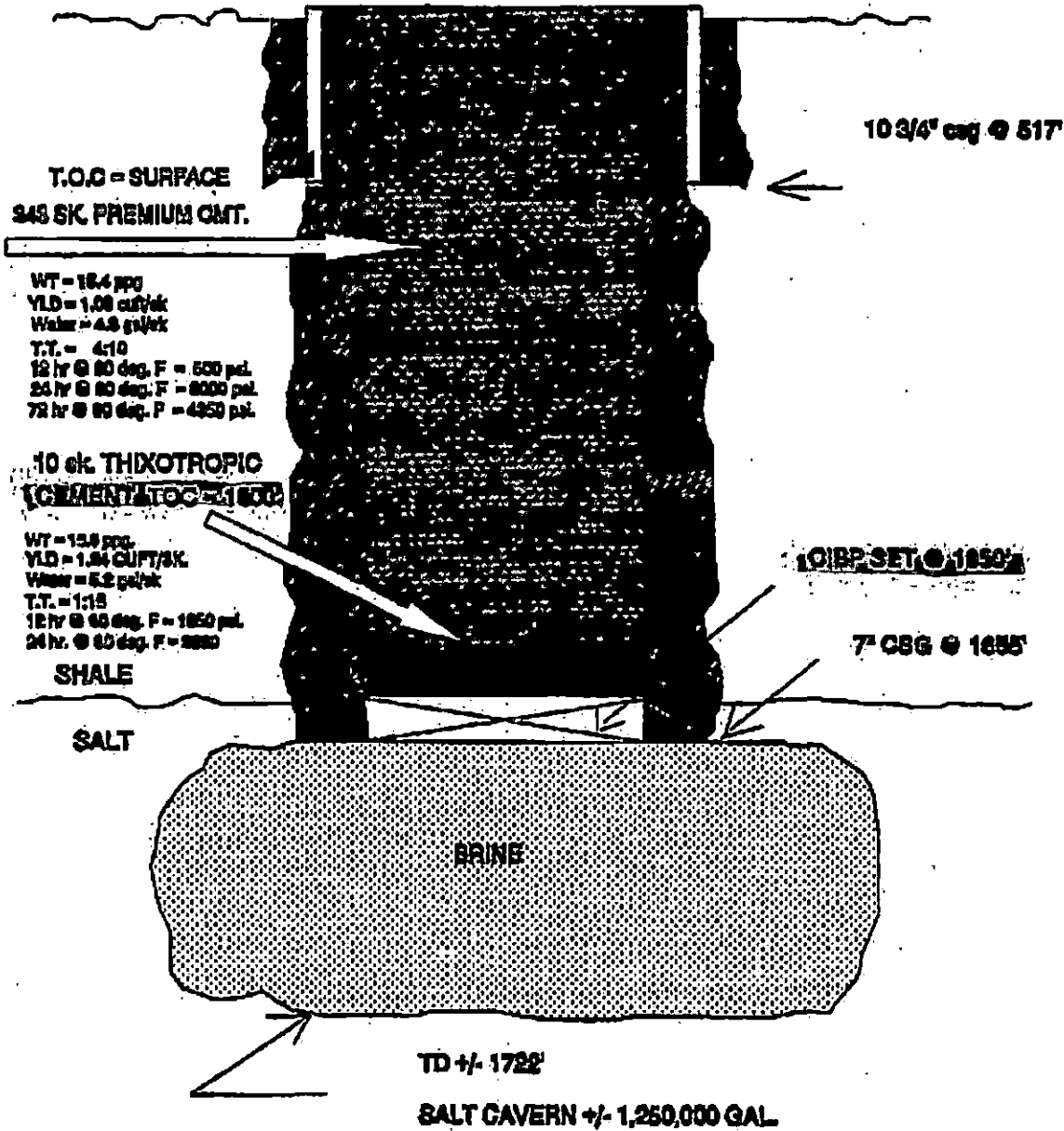


Annette Shilling
 Notary Public

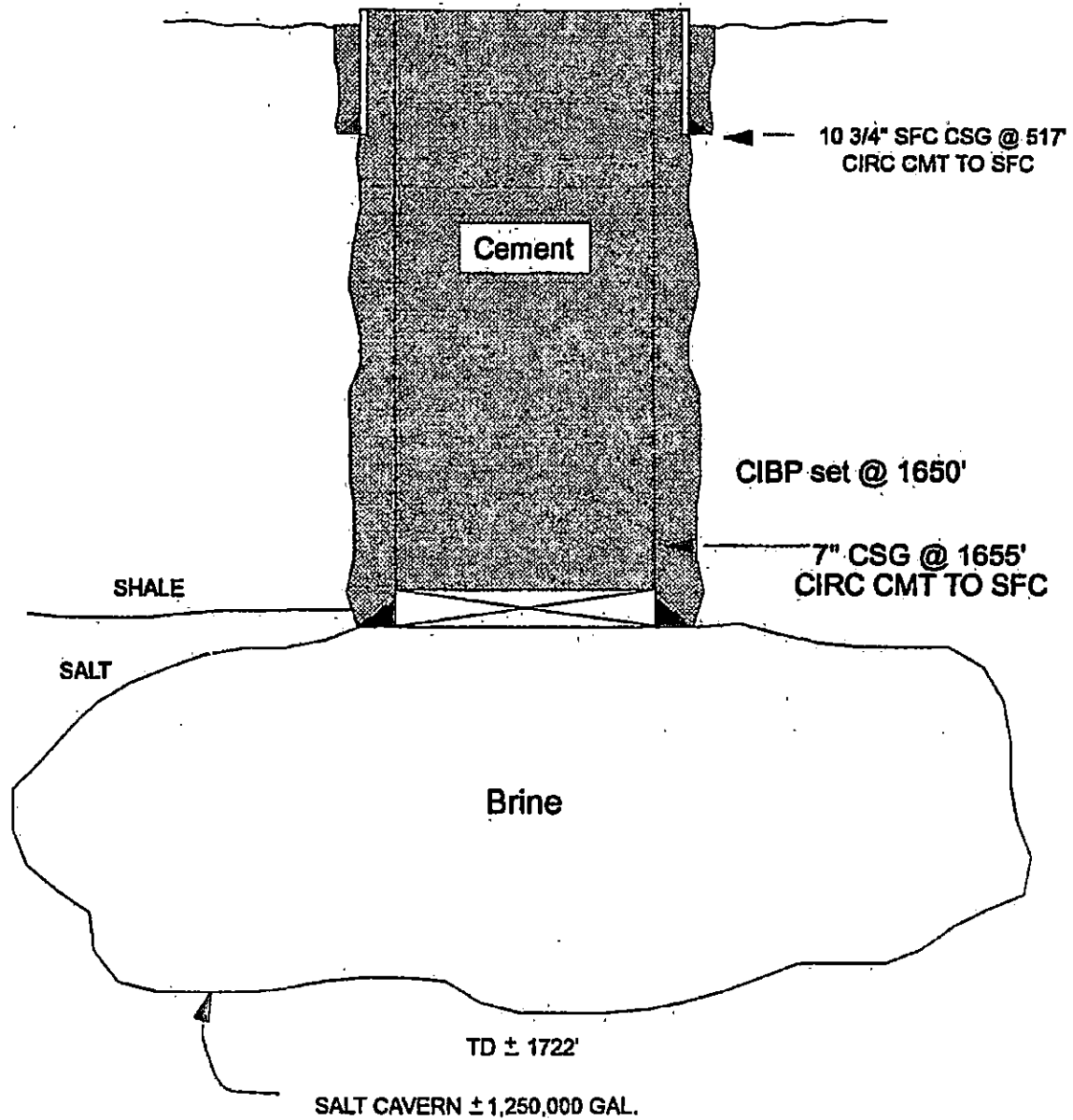
My Commission Expires February 22, 1997

EXHIBIT #1

Salt Cavity Storage Well #2 P&A Wellbore Diagram



Salt Cavity Storage Well #2 P&A Wellbore Diagram



December 1, 1992

File: DWB- -400.1

**Proposed Plugging and Abandonment Procedure
Salt Cavity Storage Well No. 2
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



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

IRM 1808 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 345235

STRICT Liscreek, Ks DATE 4-15-93

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. 2# LEASE Salt Cavity Storage Well SEC. TWP. RANGE ELD COUNTY Grant STATE Ks OWNED BY Amoco Prod.

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME TYPE FORMATION THICKNESS FROM TO SICKER: TYPE SET AT TOTAL DEPTH MUD WEIGHT CORE HOLE INITIAL PROD: OIL BPD, H2O BPD, GAS MCF RESENT 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 1670), LINER, TUBING (1" KB 1573), OPEN HOLE, and PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING [X] ANNULUS [] CASING [] TUBING/ANNULUS [] HYDRAULIC HORSEPOWER ORDERED. Plug To Abandon w/ 343# Premium Topoff To Groundlevel.

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... b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies... c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others... d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials... e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well... f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act... g) That this 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.

To 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.

AND TICKET CONTINUATION

FOR INVOICE AND TICKET NO. 345235

DATE 4-15-93	CUSTOMER ORDER NO.	WELL NO. AND FARM #2 & #11 Salt Cavity Storage Well	COUNTY Grant	STATE Kansas
CHARGE TO Amoco Production		OWNER Amoco Production	CONTRACTOR Barbo	
MAILING ADDRESS		DELIVERED FROM Hugoton, Kansas	LOCATION CODE 025535	PREPARED BY Don Phillips
CITY & STATE		DELIVERED TO W/S Ulysses, Kansas	TRUCK NO.	RECEIVED BY <i>D. Vee</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT																																																									
		L	D		QTY.	MEAS.	QTY.	MEAS.																																																											
504-043	516.00272	2	B	Premium Cement	686	sk			8.69	5,961	34																																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;">Returned Mileage Charge</td> <td style="width: 20%;">TOTAL WEIGHT</td> <td style="width: 15%;">LOADED MILES</td> <td style="width: 15%;">TON MILES</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td colspan="7">SERVICE CHARGE ON MATERIALS RETURNED</td> <td>CU. FEET</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>500-207</td> <td></td> <td>2</td> <td>B</td> <td>SERVICE CHARGE</td> <td></td> <td></td> <td>CU. FEET. 686</td> <td>1.25</td> <td></td> <td>857</td> <td>50</td> </tr> <tr> <td>500-306</td> <td></td> <td>2</td> <td>B</td> <td>Mileage Charge</td> <td>64,484#</td> <td>10</td> <td>322.420</td> <td></td> <td>.85</td> <td>274</td> <td>06</td> </tr> <tr> <td colspan="4"></td> <td>TOTAL WEIGHT</td> <td>LOADED MILES</td> <td>TON MILES</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>														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	322.420		.85	274	06					TOTAL WEIGHT	LOADED MILES	TON MILES					
		Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES																																																														
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				TOTAL WEIGHT	LOADED MILES	TON MILES																																																													
No. B 167048		CARRY FORWARD TO INVOICE							SUB-TOTAL	7092 90																																																									

INVOICE

BARBO WELL SERVICE, INC.
SERVICE UNIT CONTRACTORS

RECEIVED

P.O. Box 159 Ulysses, Kansas 67880

052018 AP 30 93

INVOICE B-2249

Rig # 2

54 - ULYSSES CC

Date 4-27-93

SOLD TO

Amoco Production Co.
Ulysses Operations Center
2225 West Oklahoma
Ulysses, Kansas 67880

Ordered By: JOE EUDEY
Charged To: S C S W #2 REPAIR

County: GRANT
State of Kansas

T2411	4-12-93	Moved in service unit - rigged up - run tubing - pumped cement - pulled tubing - rigged down - moved off	6 Hours
		6 Hours of Service Unit time @ \$40.00 per hr	\$240.00
		6 Hours of Operators 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
		TOTAL	<u>\$636.99</u>

ULYSSES
 Ulysses Plant SUB FEA
 APPN# DOS CPCENTER
 In House Code P.H. 89
 Charge to: *Ulysses Gas Plant*
 Used For: *P/A Salt Water Wells*
DRR Acct 7646.18
 Haul & Dispose Salt Water
 Expense Investment MPF PF
 Environment: Land Air Water
 Rep. (Form 5588) P & A
 Incomplete Recomplete
 Acct Sub Fea
 Approved: J. P. Eudey 5GG
J.P. Eudey Date

ORIGINAL



P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO. DATE

345231 04/12/1

RECEIVED

WELL/LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
SALT CAVITY STORAGE UNIT 2	GRANT 051912 0828 03	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB/PURPOSE	TICKET/DATE
LITERAL	BARBO WELL SERVICE	PLUG BACK	04/12/1
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
018939	N/A	761448 03 4	
SHIPPED VIA			FILE
COMPANY TRUCK			49

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
PRICING AREA - EASTERN AREA1					
000-117	MILEAGE	10	MI	2.75	27.5
		1	UNT		
009-019	PLUGGING BK SPOT CEMENT OR MUD	1643	FT	1,120.00	1,120.0
		1	UNT		
504-043	CEMENT - PREMIUM	60	SK	8.69	521.4
507-277	HALLIBURTON-GEL BENTONITE	2	SK	15.50	31.0
508-127	CAL SEAL 60	6	SK	20.70	124.2
509-406	ANHYDROUS CALCIUM CHLORIDE	1	SK	28.25	28.2
500-207	BULK SERVICE CHARGE	74	CFT	1.25	92.5
500-304	MILEAGE CMTG MAT DEL OR RETURN	32.780	TMI	.85	65.0

INVOICE SUBTOTAL

2,009.0

DISCOUNT--(BID)

502.4

INVOICE BID AMOUNT

1,507.4

--KANSAS STATE SALES TAX

73.8

--SEWARD COUNTY

15.0

SALES TAX ULYSSES
 Ulysses Plant SUB FEA
 APPN# DOS OPCENTER
 In House Code H CG
 Charge to
 Used For P&A Salt Cavity Wells
 N/A Acct 7646-18
 Haul & Dispose Salt Water
 Expense Investment MPF PF
 Environment: Land Air Water
 Rep. (Form 5588) P & A
 Incomplete Recomplete
 Acct. Sub. Fea
 Approved: J. P. Eudey 500
 Date

INVOICE TOTAL - PLEASE PAY

\$1,596.3

AFFIX JOB TKT

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.

FORM 1800-R4

PAGE:



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 345231

DISTRICT: Liberal, Ks

DATE: 4-12-93

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

WELL NO. 2# LEASE Salt Cavity Storage well SEC TWP RANGE

ELD COUNTY Grant STATE Ks OWNED BY Amaco

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

Table with columns: INFORMATION NAME, TYPE, 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 [X] ANNULUS [] CASING [] TUBING/ANNULUS [] HYDRAULIC HORSEPOWER ORDERED

Plg w/ 10% Thixotropic 10% Col Seal 4% Gel 2% CC

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.
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.
2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
3. 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 of 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

- c) 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.
d) 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.
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 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 unit returned to the landing, unless 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 this 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.

I 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.

WELL DATA

FIELD _____ SEC _____ TWP _____ RNG _____ COUNTY Gorham 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
CASING						
LINER			See			
TUBING				WORK		
OPEN HOLE					ORDER'S	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT DATE <u>4-12</u> TIME <u>0700</u>	ON LOCATION DATE <u>4-12</u> TIME <u>1000</u>	JOB STARTED <u>4-12</u> DATE <u>1140</u> TIME _____	JOB COMPLETED DATE <u>4-12</u> TIME <u>1715</u>
----------------------------------------------	-----------------------------------------------	-----------------------------------------------------	-------------------------------------------------

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Oliver</u>	<u>40515</u>	<u>Liberal Ks</u>
<u>R. Elwood</u>	<u>4903</u>	<u>"</u>
<u>D. Price</u>	<u>3626</u>	<u>Hogtown Ks</u>
	<u>59179</u>	
	<u>4360</u>	
	<u>137106</u>	
	<u>1848</u>	
	<u>4515</u>	

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
LOAD COLLAR		
LOAD SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
LEAD		
PACKER		
OTHER		

MATERIALS

HEAT FLUID _____ DENSITY _____ LB/GAL-API _____

DISPL FLUID _____ DENSITY _____ LB/GAL-API _____

ROP. TYPE _____ SIZE _____ LB _____

ROP. TYPE _____ SIZE _____ LB _____

CID TYPE _____ GAL _____ % _____

CID TYPE _____ GAL _____ % _____

CID TYPE _____ GAL _____ % _____

SURFACTANT TYPE _____ GAL _____ IN _____

WE AGENT TYPE _____ GAL _____ IN _____

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

GELLING AGENT TYPE _____ GAL-LB _____ IN _____

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

SEALER TYPE _____ GAL-LB _____ IN _____

LOCKING AGENT TYPE _____ GAL-LB _____

TRFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT Cement

DESCRIPTION OF JOB Plg Back

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR Oliver COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF BAGS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CUFT/SK.	MIXED LBS/GAL
	<u>10^{SE}</u>	<u>Thiatacrite</u>			<u>10% Cal Seal 4% Gel 2% CC</u>	<u>1.24</u>	<u>15.9</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRES LUSH: BBL-GAL _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____

VELOCITY _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL _____ DISPL: BBL-GAL 9.28 1 well

PUT-IN INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL-GAL 2.2 Aug 9.2 2 wells

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL-GAL 2.2

REATING _____ DISPL _____ OVERALL _____

LET 61 REASON Plg

REMARKS _____

CUSTOMER Arco Production

LEASE Salt Creek Stearns Well

WELL NO 2 #

JOB TYPE Plg Back

DATE 4-12-93

HALLIBURTON SERVICES
JOB LOG

WELL NO. 2 LEASE Salt Cavern Storage Well TICKET NO. 345531
 CUSTOMER Amoco Prod PAGE NO. 1
 JOB TYPE Plg Back DATE 4-12-93

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0700							Time Colled
	1100							Time Ready
	1000							Time on loc. Rings To Run Tub in Hole
	1140							Hookup To Tub Load PT w/ Water
	1225	2						Start Pumping Air Hole w/ Fresh Water
	1230	1	10					Shut Down
	1233	2	2.2 ^{gal}					Start Mixing Cement
	1235	/						Start Displacement washup Behind Cement
	1244	/	9.28 ^{gal}					Shut Down
	1245							Break hose from Tub Plug stored out of hole
	1250							Finish w/ job
								Thanks For Call Halliburton Services

JOB LOG

WELL NO. 11 LEASE Amoco Production TICKET NO. 3-11-93
 CUSTOMER Amoco Production PAGE NO. 1
 JOB TYPE Plg Back DATE 4-12-93

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1500							on loc. Rig Set up To Pump Tub in Hole
	1640							Hook up To Tubing
	1645		50					Circulate The Hole w/ Fresh Water.
	1705							Shut Down
	1706		2.2					Start Mixing Cement
	1708							Start Displacement washup Tubelines
	1713		9.28					Shut Down
	1715							Back hose From Tub Rig Plg Tub at OF Hble.
								Thanks For Calling Hollister Services Dave & Crew