

ORIGINAL

KCC

RELEASED

SEP 1 8

OCT 0 7 1992

SIDE ONE

CONFIDENTIAL FROM CONFIDENTIAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 189-21,498-00-00

County Stevens

C NW Sec. 1 Twp. 34S Rge. 39 X East West

4,030 Ft. North from Southeast Corner of Section

4,030 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name T. J. Isom Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3,254 KB 3,265

Total Depth 2,900 PBDT 2,855

Operator: License # 4742

Name: Texaco E&P, Inc.

Address P. O. Box 2700
Pampa, TX 79066-2700

City/State/Zip

Purchaser: Panhandle Eastern

Operator Contact Person: J. M. Barnum

Phone (806) 665-1876

Contractor: Name: EXETER Drilling Co.

License: 03098

Wellsite Geologist: John Connor

Designate Type of Completion

X New Well Re-Entry Workover

Dil SLD Temp. Abd.

X Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWD: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:

X Mud Rotary Air Rotary Cable

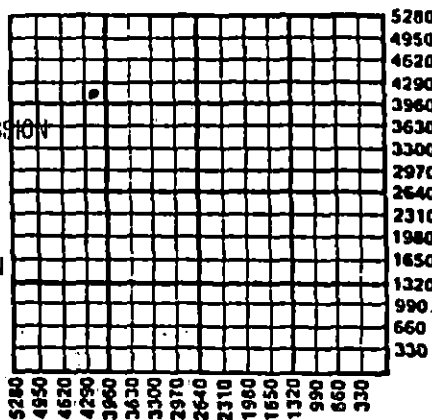
6-10-91 6-13-91 7-30-91

Spud Date Date Reached TD Completion Date

RECEIVED

SEP 20 1991

STATE CORPORATION COMMISSION
Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 620 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature ALCOCK

Title Area Coordinator Date 9-18-91

Subscribed and sworn to before me this 18th day of September, 1991.

Notary Public Merle W. Skell

Date Commission Expires 2-23-95

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SLD/Rep NGPA
 KGS Plug Other (Specify)

ORIGINAL

SIDE TWO

Operator Name Texaco E&P, Inc. Lease Name T. J. Isom Well # 3

Sec. 1 Twp. 34 Rge. 39 East West County _____

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 Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

Formation Description

Log Sample

Name _____ Top _____ Bottom _____

See Attachment

CASING RECORD

New 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
Conductor	30"	20"		40'	21 yds Red	Mix	
Surface	12-1/4"	8-5/8"	24	620'	See Attachment		
Production	7-7/8"	5-1/2"	15.5	2,900'	See Attachment		

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2812. - 36'	1,200 gal 15% HCL	
2	2754 - 72'	900 gal 15% HCL	
2	2690 - 2714'	1,200 gal 15% HCL	
2	2636 - 2664'	1,400 gal 15% HCL	
2	2610 - 2620'	500 gal 15% HCL	
	2610 - 2836'	Frac w/2278 bbl gel, 282,800 sand	

TUBING RECORD

Size 2-3/8" Set At 2,634' Packer At _____

Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

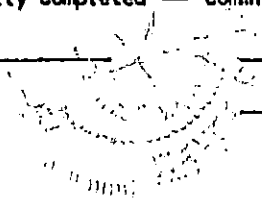
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		499			

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-1B.)

METHOD OF COMPLETION

Production Interval

Open Hole Perforation Dually Completed Conningled Other (Specify) _____



ORIGINAL

KCC

SEP 1 8

RELEASED

CONFIDENTIAL

OCT 9 7 1992

FROM CONFIDENTIAL

T.J. ISOM #3
API #15-189-21,498
C/NW SEC. 1-34S-39W
STEVENS COUNTY KANSAS

Surface Casing Cement: Halliburton Invoice #141932
175 sks. 35/65 POZ w/6% Bentonite, 2%
CACL2, 1/4# Flocele.
100 sks. Premium Plus, 2% CACL2, 1/4#
Flocele.

Production Casing Cement: Halliburton Invoice #141789
500 sks. HLC, 2% CACL2, 1/4# Flocele.
150 sks. 50/50 POZ, 2% CACL2, 1/4#
Flocele.

FORMATION DESCRIPTION

Glorietta Sand	1277	Krider	2634
Stone Corrol	1730	Winfield	2690
Wellington	2272	U. Fort Riley	2753
Herrington	2610	L. Fort Riley	2812

RECEIVED
STATE CORPORATION COMMISSION

SEP 20 1991

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

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

KCC

HALLIBURTON SERVICES

INVOICE

A Halliburton Company

SEP 18

INVOICE NO.	DATE
141932	06/11/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
ISAM T J 3		STEVENS		KS	TEXACO
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LJDFRAL		EXETER DRILLING #2	CEMENT SURFACE CASING		06/11/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
880950	J. L. ROBERTSON	351472022	433615	COMPANY TRUCK	169

RELEASED

TEXACO EXPL. & PROD. INC.
P.O. BOX 2700
PAMPA, TX 79065

OCT 0 7 1992

FROM CONFIDENTIAL

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 - MID CONTINENT MILEAGE	15	MI	2.60	39.00
001-016	CEMENTING CASING	624	FT	680.00	680.00
030-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8	IN	130.00	130.00
12A	GUIDE SHOE - 8 5/8" 8RD THD.	1	EA	216.00	216.00
825.217					
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00
815.19502					
40	CENTRALIZER 8-5/8" MODEL S-4	5	EA	62.00	310.00
807.93059					
66	FASGRIP LIMIT CLAMP 8 5/8"	5	EA	13.75	68.75
807.64055					
350	HALLIBURTON WELD-A	1	LB	11.50	11.50
890.10802					
504-050	PREMIUM PLUS CEMENT	100	SK	7.08	708.00
504-120	HALL. LIGHT -PREMIUM PLUS	175	SK	6.29	1,100.75
507-210	FLOCELE	69	LB	1.30	89.70
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	26.25	131.25
500-207	BULK SERVICE CHARGE	290	CFT	1.15	333.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	195.06	TMI	.80	156.05
INVOICE SUBTOTAL					4,145.50
DISCOUNT (BID)					1,243.63
INVOICE BID AMOUNT					2,901.87
*-KANSAS STATE SALES TAX					101.94
*-SEWARD COUNTY SALES TAX					23.99
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,027.80

RECEIVED
STATE CORPORATION COMMISSION

SEP 20 1991

CONSERVATION DIVISION
Wichita, Kansas

APPX 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.

ORIGINAL

SEP 1 8

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME 3# Ison		COUNTY Stevens	STATE Ks	DATE 6-11-91	
CHARGE TO Texaco	OWNER Texaco	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 43361 S	CONTRACTOR Exelc Del 2nd	LOCATION 1 Libersok Ks		CODE 25540	
CITY, STATE, ZIP	SHIPPED VIA Henco	FREIGHT CHARGES <input type="checkbox"/> FPD <input type="checkbox"/> COLLECT		LOCATION 2 Huscoten Ks	
WELL TYPE	WELL CATEGORY	WELL PERMIT NO.	DELIVERED TO Loc	LOCATION 3	
TYPE AND PURPOSE OF JOB 01 03 010 8 1/4 SURFACE		B- 968229	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		
000-117		1		MILEAGE	15				2.60	39.00
001-016		1		Pumpdown	62.4	FT				680.00
030-018		1		Sub Top Plug	1	End		8 1/2	130.00	130.00
12 A	825-217	1		Guide Shoe	1			8 1/2	216.00	216.00
24 A	815-19502	1		Turner Float	1				171.00	171.00
40	807 93059	1		Centrifizers	5				62.00	360.00
66	807-64056	1		Frsgrip	3				137.50	68.75
350	896-10302	1		Henco weld A	1	LB			11.50	11.50

RECEIVED
 STATE GOVERNMENT COMMISSION

SEP 20 1991

CONSERVATION DIVISION
 Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B-

968229

2519.25

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X J. Robertson
 CUSTOMER OR HIS AGENT (PLEASE PRINT)

X J. Robertson
 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.

[Signature]
 HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____

FIELD OFFICE 21p

SUB TOTAL **4145.50**

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

DATE 6-11-91	CUSTOMER ORDER NO.	WELL NO. AND FARM T. J. Isom # 3	CONFIDENTIAL	STATE KS
CHARGE TO Texaco Inc.		OWNER Same	CONTRACTOR Ester	FROM NO. B 968229
MAILING ADDRESS		DELIVERED FROM Hugoton	LOCATION CODE 25535	PREPARED BY Rick Rawlins
CITY & STATE		DELIVERED TO Loc. SW/Esterita, KS	TRUCK NO. 3315-5303	RECEIVED BY <i>[Signature]</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
504-050	516.00265	2	B	Premium Plus Cement	100	sk			7.08	708 00	
504-120		2	B	Halliburton Light Cement	175	sk			6.29	1100 75	
507-210	890.50071	2	B	Elocele blended 1/2 lb/sk	69	lb			1.30	89 70	
509-406	890.50812	2	B	Calcium Chloride blended 2%	5	sk			26.25	131 25	
<p>RECEIVED STATE CORPORATION COMMISSION SEP 20 1991 CONSERVATION DIVISION Wichita, Kansas</p>											
				Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES				
				SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET			
500-207		2	I	SERVICE CHARGE				CU. FEET	290	1.15	333 50
500-306		2	I	Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES				
					26003	15			195.00	.80	156 05
No. B 968229									CARRY FORWARD TO INVOICE	SUB-TOTAL	2519 25

KCC

ATTACH TO INVOICE & TICKET NO. 8594932

DISTRICT LIBERTAL Ks

SEP 18

DATE 6-11-91

TO: HALLIBURTON SERVICES

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

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

CONFIDENTIAL
FROM CONFIDENTIAL

WELL NO. 3 LEASE Td Tscw SEC. 1 TWP. 34 S RANGE 39 W

FIELD _____ COUNTY Stearns STATE Ks OWNED BY TEXACO

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 _____ MCF
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>N</u>	<u>214</u>	<u>8 5/8</u>	<u>KB</u>	<u>624</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>GL</u>	<u>620</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
Cement 8 5/8 Service 10 175 SK Prem Plus LTWT 2% CC 1/4 #/sq Floccs
100 SK Prem Plus 2% CC 1/4 #/sq Floccs

Displacement w/ Water

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 uns seaworthiness of any vessel owned, operated, or furnished by Halliburton or any division, subsidiary, parent or affiliated company, or any 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 defects, when 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 or any division, subsidiary, parent or affiliated company, 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, logs, 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, liens, claims, or other encumbrances. 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.

RECEIVED
STATE CORPORATION COMMISSION
SEP 20 1991

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.
SIGNED J. D. Taber CUSTOMER
DATE _____

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.

TIME _____ A.M. P.M.

FIELD OFFICE

WELL DATA

FIELD _____ SEC. 1 TWP. 34^S RNG. 39^W COUNTY SEBASTIAN 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 _____

RELEASED

OCT 07 1991

FROM CONFIDENTIAL

JOB DATA

CALLER OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
6-10	6-11	6-11	6-3
TIME 2300	TIME 2145	TIME 0610	TIME 0735

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
D. G. 12	40015	Liberal Ks
59179		
T. B. 12	52276	"
124604	16810	"
J. B. 12	EIT	Higgins Ks
M. C. 12	3315	"
129996	5303	"

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
8 7/8		Houco
Float Collar		
Float Shoe	1	Invert Float
Guide Shoe	5	Reg
Centralizers		
Bottom Plug		
Top Plug	1	
Head	1	
Packer	1	Has Grain
Other		Houco Wildcat

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 _____

DEPARTMENT Cement

DESCRIPTION OF JOB 8 7/8 Surface

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X J. Robertson

HALLIBURTON OPERATOR Olson

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	175	Prem Plus	LWT	270CC	1/4 1/2 Flocebe	2.05	12.3
	100	Prem Plus		270CC	1/4 1/2 Flocebe	1.32	17.8

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____

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

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 37.1

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 87.39

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____ CEMENT LEFT IN PIPE _____

FEET 142 REASON See logs

RECEIVED

STATE OF _____ COMMISSION

SEP 20 1991

CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER: ICAAC
LEASE: T/I
WELL NO.: 3
JOB TYPE: 8 7/8 Surface
DATE: 6-11-91

JOB LOG

FORM 2013 R-2

WELL NO. 5 LEASE 1st 45010 TICKET NO. 171122
 CUSTOMER Texaco PAGE NO. 1
 JOB TYPE 8 3/8 SURFACE CO DATE 6-11-91

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2300							TIME SEP 8 TIME REACH TIME OUT FROM CONFIDENTIAL OCT 0 7:00 FROM CONFIDENTIAL Big Drilling SURFACE
	0300							
	0045							
	0145							Start Pumping Casing
	0553							Casing in Hole
	0550							Hook up To Circulate Casing
	0615							Circulate Casing w/ Pig Pumps
	0618							Circulate Mud To Ground Level
	0645							Hook up To Pump Truck
	0653	5						Start Water Flood
	0655					250		Start Mixing Cement
	0703		63.89			200		Start Tail Cement
	0715		23"			200		Finish Mixing Cement
	0716					200		Shut Down Deep Plug
	0717					0%		Start Displacement
	0735	2.1	37.1			275		Plug Down wash Pumps & Lines Float Hold 38 GAL Cement To Pp 104 SE
								THAMES FINE COLLING Halligan Services O'Brien & Co

RECEIVED
STATE CORPORATION COMMISSION

SEP 20 1991

CONSERVATION DIVISION
Wichita, Kansas

INVOICE

ORIGINAL
HALLIBURTON SERVICES

A Halliburton Company

DALLAS, TX 75395-1046

KCC

INVOICE NO. DATE

141789 06/14/1991

SEP 18

CONFIDENTIAL

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
TSAM T J 3		STEVENS		KS	SAME	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL		EXETER DRILLING	CEMENT PRODUCTION CASING		06/14/1991	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO	
880950	DONALD R. FISHER	351472022	433615	COMPANY TRUCK	17159	

TEXACO EXPL. & PROD. INC.
P.O. BOX 2700
PAMPA, TX 79065

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	MILEAGE	38	MI	2.60	98.80
001-016	CEMENTING CASING	2913	FT	1,130.00	1,130.00
005-017	STAND-BY UNITS	1	UNT	1,025.00	1,025.00
030-016	CEMENTING PLUG SW ALUM TOP	8	HR	PER 8 HR	
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	50.00	50.00
825.205		1	EA	105.00	105.00
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	83.00	83.00
815.1925		1	EA	11.30	11.30
86	FASGRIP LIMIT CLAMP 5 1/2"	1	EA	11.30	11.30
807.6403		1	EA	11.30	11.30
40	CENTRALIZER 5-1/2" MODEL S-4	5	EA	44.00	220.00
807.9302		5	EA	44.00	220.00
504-118	HALLIBURTON LIGHT CEMENT - PREM	500	SK	6.16	3,080.00
504-043	PREMIUM CEMENT	75	SK	6.85	513.75
506-105	POZMIX A	75	SK	3.91	293.25
505-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
507-210	FLOCELE	163	LB	1.30	211.90
509-406	ANHYDROUS CALCIUM CHLORIDE	12	SK	26.25	315.00
500-207	BULK SERVICE CHARGE	685	CFT	1.15	787.75
500-306	MILEAGE CMTG MAT DEL OR RETURN	367.998	TMI	.80	294.40
INVOICE SUBTOTAL					8,219.15
DISCOUNT-(BID)					2,712.28-
INVOICE BID AMOUNT					5,506.87

RECEIVED
STATE COMMISSION

SEP 20 1991

WICHITA DIVISION
Wichita, Kansas

***** CONTINUED ON NEXT PAGE *****

FIX JOB TRK 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.

ORIGINAL KCC

DALLAS, TX 75395-1046

INVOICE

HALLIBURTON SERVICES SEP 1 8

RELEASED
INVOICE NO. 14178917
DATE 06/14/19

A Halliburton Company CONFIDENTIAL

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
LSAN T J 3		STEVENS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LTDERAL	EXETER DRILLING	CEMENT PRODUCTION CASING		06/14/19	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE
880950	DONALD R. FISHER	351472022	433615	COMPANY TRUCK	171

TEXACO EXPL. & PROD. INC.
P.O. BOX 2700
PAMPA, TX 79065

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
	*-KANSAS STATE SALES TAX				169.84
	*-SEWARD COUNTY SALES TAX				39.97
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$5,716.68

RECEIVED
STATE COMMISSION
SEP 20 1991
CONSERVATION DIVISION
Wichita, Kansas

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.

ORIGINAL
 HALLIBURTON SERVICES
 A Division of Halliburton Company
 KCC
 SEP 18

TICKET
 141789-1
 RELEASED 7-15-92
 CONFIDENTIAL
 DATE 6-14-91

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME 3 T.J. Isom #3		COUNTY Stevens	STATE Ks	OFFSHORE LOCATION	DATE
CHARGE TO Texaco U.S.A.		OWNER Same	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 433615		CONTRACTOR Exctr Drls	LOCATION 1 Liberal ks		CODE 2554
CITY, STATE, ZIP		SHIPPED VIA Howe 0	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		LOCATION 2 Hugoton ks
WELL TYPE 02	WELL CATEGORY 01	WELL PERMIT NO.	DELIVERED TO Los S: Fetritta	LOCATION 3	CODE
TYPE AND PURPOSE OF JOB 035		ORDER NO. B-968241	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 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			
000-117		1		MILEAGE	38	mi.	1	RA	2.00	98	80
001-016		1		Pump Charge	2913	CT	8	hr		1130	00
005-017		1		Standby unit 6595			1	SA		1025	00
030-016		1		5-w Plug	5 1/2	in	1	SA		50	00
12 A	825.205	1		Guide Shoe	"	"	"	"		105	00
24 A	815.15251	1		insert	"	"	"	"		83	00
66	807.64031	1		Fas Grip	"	"	"	"		11	30
40	807.93022	1		Cent	"	"	5	SA	44	220	00

RECEIVED
 STATE CORPORATION COMMISSION

SEP 20 1991

CONSERVATION DIVISION
 Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-968241**

5496 05

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X Donald R. Fisher
 CUSTOMER OR HIS AGENT (PLEASE PRINT)

X Donald R. Fisher
 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.

Tim Bohannon
 HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____

FIELD OFFICE AP 3370

SUB TOTAL **8219.15**

APPLICABLE TAXES WILL BE ADDED ON INVOICE.
8164.15

ORIGINAL CONTINUATION
 SEP 18

FOR INVOICE AND TICKET NO.

RELEASED

141707

DATE 6-14-91	CUSTOMER ORDER NO.	WELL NO. AND FARM T. J. Isom # 3	COUNTY Stevens	STATE KSA
CHARGE TO Texaco USA	OWNER Same	CONTRACTOR Exception		
MAILING ADDRESS	DELIVERED FROM Hugoton	LOCATION CODE 25535	PREPARED BY Rick Rawlins	
CITY & STATE	DELIVERED TO Loc. SW/Peterita, KS	TRUCK NO.	RECEIVED BY Tim Bohannon	

CONFIDENTIAL

OCT 07 1992

B 968241

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
504-118		2	B	Halliburton Light Cement	500	sk			6.16	3080 00	
				150 cft Pozmix Cement 50/50							
504-043	516.00272	2	B	Premium Cement	75	sk			6.85	513 75	
506-105	516.00286	2	B	Pozmix "A"	75	sk			3.91	293 25	
506-121	516.00259	2	B	Halliburton Gal blended 2%	3	sk				HC	
507-210	800.50071	2	B	Floccle blended 1/2 lb/sk	163	lb			1.30	211 90	
500-406	800.50812	2	B	Calcium Chloride blended 2%	12	sk			26.25	315 00	
RECEIVED STATE CORPORATION COMMISSION SEP 20 1991 CONSERVATION DIVISION Wichita, Kansas											
				Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES				
				SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET				
500-207		2	B	SERVICE CHARGE			CU. FEET	685	1.15	787 75	
500-306		2	B	Mileage Charge	TOTAL WEIGHT 61333	LOADED MILES 12	TON MILES	367.998	.80	294 40	
No. B 968241						CARRY FORWARD TO INVOICE			SUB-TOTAL		5496 25

DISTRICT Liberal KS

CONFIDENTIAL

DATE 6-14-91

TO: HALLIBURTON SERVICES

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: TYACO USA

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

(CUSTOMER)

FROM CONFIDENTIAL

WELL NO. 3 LEASE T.J. Isom SEC. 1 TWP. 34 S RANGE 39 W

FIELD Hugoton COUNTY Stevens STATE KS 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 2900 MUD WEIGHT 8.9

BORE HOLE 7 3/8

INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	N	15.5	5 1/2	KB	2913	1500
LINER						
TUBING						
OPEN HOLE			7 3/8		2900	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

035 500 sk Perm HLC 2% cc 1/2 flocc

150 sk Perm 50/50 Pozmix 2% cc 1/2 flocc

10 Edb H₂O Ahead 68 Edb Displ w H₂O

RECEIVED

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

SEP 20 1991

- 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 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 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 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 a 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 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 or 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 Ronald R. Decker CUSTOMER

DATE 6-14-91

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.

TIME 12:00 A.M. (P.M.)

FIELD OFFICE

WELL DATA

FIELD _____ SEC. 1 TWP. 34S RNG. 39W COUNTY. Stevens 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 Chrym MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 2900

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	13.5	5 1/2	K13	2913	1500
LINER						
TUBING						
OPEN HOLE			7 1/2		2900	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
Float collar <u>Inst</u>	1	
Float shoe		
Guide shoe <u>233</u>	1	
Centralizers <u>S-4</u>	5	Howe O'
Bottom plug		
Top plug <u>S-W</u>	1	
Head <u>QPC</u>	1	
Packer		
Other <u>Weld A</u>	3	

CALLLED OUT	ON LOCATION	WOB-STARTED	JOB COMPLETED
DATE <u>6-14-91</u>	DATE <u>6-14-91</u>	DATE <u>6-14-91</u>	DATE <u>6-14-91</u>
TIME <u>13:00</u>	TIME <u>16:00</u>	TIME <u>19:25</u>	TIME <u>21:13</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T Bohannon <u>8774E</u>	40076 P.U.	Libral ks
J Ebersole <u>C9591</u>	7183 P.	" "
T Foye <u>48120</u>	6593 S.	" "
J Smith <u>C2589</u>	5839 Bulk	Hogston ks
M G Ibert <u>83443</u>	6615 Bulk	" "

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. _____ IN _____

PERFPAC BALLS TYPE _____ QTY. _____

DEPARTMENT Cement

DESCRIPTION OF JOB 035

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Donald R. Fisher

HALLIBURTON OPERATOR Tim Bohannon COPIES REQUESTED _____

RECEIVED
STATE CORPORATION COMMISSION
SEP 20 1991
OPERATION DIVISION
Wichita, Kansas

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	500	HLC H			1% CC 1/2" flocc	1.69	13.1
2	150	30/ea 40min			2% CC 1/2" flocc	1.26	14.3

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH H₂O 10 BBL. GAL. _____ TYPE _____

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

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL. GAL. _____ DISPL BBL. GAL. 68

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY 150 + 33 BBL. GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL. GAL. _____

TREATING _____ DISPL _____ OVERALL _____ REMARKS Plug Did Not Land

FEET 44 REASON Shoe JT Float Halted

Last Cir 30 bbl into Displ

CUSTOMER: 13X A00 USA
LEASE: 13, 150M
WELL NO: 130M
JOB TYPE: 035
DATE: 6-14-91

JOB LOG

WELL NO. LEASE 1. J. + 2014 TICKET NO.
 CUSTOMER TEXACO USA PAGE NO. 1
 JOB TYPE 035 DATE 6-14-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	13:00							Call out Ready 17:00
	16:00							ON Loc Rig key down
	17:45							Start CSG
	19:25							Hook up To Cir Pipe Down 40' up
	20:20							Hook up Cir Pipe Down
	20:32							Safety meet start Job
	20:34					300		10 bbl H ₂ O Ahead
	20:32	6	10			"		Start Lead CMT 500 sk
		"				"		
	21:03	"	150			"		Start Tail CMT 150 sk
		"						
	21:10	—	33					Stop Down Stop Plug
	21:14	6						Start Displ w H ₂ O
		6	30			500		Lost Returns
		2				250		
		"	50			450		
		"	68			600		Stop Plug Didnot hand sed
	21:42							Float Holding
								10 bbl H ₂ O "H"
								500 sk H ₂ C 2% cc & floccle
								150 sk 50% Proxm "H" 2% cc & floccle
								Displ w H ₂ O 68 bbls

RECEIVED
 STATE CORPORATION COMMISSION

SEP 20 1991

CONSERVATION DIVISION
 Wichita, Kansas

Thank you Tim & Crew