

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

API NO. 15- 129-21,193-0000 ORIGINAL
County Morton
Approx. C
NW- NW- Sec. 30 Twp. 32S Rge. 42 E
XV

Operator: License # 4742

Name: TEXACO E&P, INC.

Address P.O. Box 2700

City/State/Zip Pampa, TX 79066-2700

Purchaser: _____

Operator Contact Person: J.M. Barnum

Phone (806) 665-1876

Contractor: Name: H-40 Drilling, Inc.

License: 30692 **KCC**

Wellsite Geologist: John Connor

Designate Type of Completion

New Well Re-Entry Workover

Oil SVD S10W Temp. Abd.
 Gas ENHR S10W
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SVD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SVD or Inj?) Docket No. _____

4/12/93 4/16/93 4/17/93

Spud Date Date Reached TD Completion Date

660 Feet from S (circle one) Line of Section

660 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name J. B. Smith Well # 2

Field Name Wildcat

Producing Formation _____

Elevation: Ground 3561' KB 3573'

Total Depth 3800' PBTB _____

Amount of Surface Pipe Set and Cemented at 747 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex cat.

Drilling Fluid Management Plan 6-9-93
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name RELEASED

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. 32S Rge. 42 E/W

County Morton **FROM CONFIDENTIAL**

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 J.M. Barnum

Title Area Manager Date 6/4/93

Subscribed and sworn to before me this 4th day of JUNE

19 93
Notary Public N. GAVELINE RAGSDALE
Notary Public, State of Texas
My Commission Expires 06/17/94
8/17/94

6-9-93
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Received
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC
 KGS
 SVD/Rep
 Plug
RECEIVED
9 1993
Wichita, Kansas
NSGA
CONSERVATION DIVISION
(Specify)
91

SIDE TWO

Operator Name 119190 Texaco E&P, Inc.

Lease Name J. B. Smith

Well # 2

Sec. 30 Twp. 32S Rge. 42

East
 West

County Morton

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.)

List All E.Logs Run:

Microlog

Electromagnetic Propagation

SFL

Compensated Neutron-Litho-Density

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Wabaunsee	2712'	+860.5
Elmont	2951'	+621.5
Topeka	3089'	+483.5
Lecompton	3218'	+354.5
Heebner	3304'	+268.5
Toronto	3320'	+252.5
Lansing	3429'	+143.5
Marmaton	3728'	-155.5

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
Surface	12 1/4"	8 5/8"	24#	747'	Prem. Plus	220	3%cc 1/4#
					Lite		Flo-seal
					Prem. C	120	3%cc 1/4#

ADDITIONAL CEMENTING/SQUEEZE RECORD

flo-seal

Purpose:	Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

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

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. P&A'd 4/17/93 Producing Method Flowing Pumping Gas Lift Other (Explain)

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

Disposition of Gas:

Vented Sold Used on Lease
(If vented, submit ACD-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval

ORIGINAL

No. 345-27-5

A Division of Halliburton Company

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME <i>J.B. Smith #2</i>		COUNTY <i>Marion</i>	STATE <i>Ks</i>	CITY / OFFSHORE LOCATION	DATE <i>4-17-93</i>
CHARGE TO <i>H-2 Drilling</i>		OWNER <i>TEXACO</i>	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR <i>H-40</i>	1 LOCATION <i>LISMAN</i>		CODE <i>25540</i>
CITY, STATE, ZIP		SHIPPED VIA <i>Houco</i>	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		2 LOCATION <i>Hogrow</i>
WELL TYPE <i>02</i>	WELL CATEGORY <i>06</i>	WELL PERMIT NO.	DELIVERED TO <i>LOCATION</i>		3 LOCATION <i>LOCATION</i>
TYPE AND PURPOSE OF JOB <i>115</i>		ORDER NO. <i>B- 167065</i>	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.

Customer warrants and agrees to the presence, suitability, materials and that the same are the best obtainable in the market. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY. HALLIBURTON'S LIABILITY FOR DEFECTIVE WORK SHALL BE LIMITED TO THE REPLACEMENT OF SUCH PRODUCTS, EQUIPMENT OR MATERIALS. HALLIBURTON'S LIABILITY FOR DEFECTIVE WORK SHALL BE LIMITED TO THE REPLACEMENT OF SUCH PRODUCTS, EQUIPMENT OR MATERIALS. HALLIBURTON'S LIABILITY FOR DEFECTIVE WORK SHALL BE LIMITED TO THE REPLACEMENT OF SUCH PRODUCTS, EQUIPMENT OR MATERIALS.

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	65	MI			2.25	178 75
009-019				PUMPING SERVICE	8	HR	3000			1215 00
RELEASED										
APR 20 1994										
FROM CONFIDENTIAL										

AGREE UNDECIDED DISAGREE

1. OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWNS.

2. WE UNDERSTOOD AND MET YOUR NEEDS.

3. OUR SERVICE WAS PERFORMED WITHOUT DELAYS.

4. WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY.

5. ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

X *John Schlerz*
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X *John Schlerz*
CUSTOMER OR HIS AGENT (SIGNATURE)

NY TICKET NO. **B- 167065**

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.

Scott Kinsinger
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL *APR 20 1994*

RECEIVED
APR 30 1993
SUB TOTAL 3841 49
APPLICABLE TAXES WILL BE ADDED ON INVOICE.
Wichita, Kansas



BULK MATERIALS DELIVERY AND TICKET CONTINUATION ORIGINAL

FOR INVOICE AND TICKET NO. 345427

DATE 4-17-93	CUSTOMER ORDER NO.	WELL NO. AND FARM J.B. Smith	COUNTY Morton	STATE Kansas
CHARGE TO H-40		OWNER	CONTRACTOR H-40	
MAILING ADDRESS		DELIVERED FROM Hugoton, Kansas	LOCATION CODE 025535	PREPARED BY Don Phillips
CITY & STATE		DELIVERED TO N/W Elkhart, Kansas	TRUCK NO.	RECEIVED BY <i>KINSINGER</i>

No. **B** 167065

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
				235 40/60 Pozmix Cement							
504-043	516.00272	2	B	Premium Cement	141	sk			8.69	1,225	29
506-105	516.00286	2	B	Pozmix "A" (94)	6956	lb			.067	466	05
506-121	516.00259	2	B	Halliburton Gel 2%	4	sk					NC
507-277	516.00259	2	B	Halliburton Gel 4%	8	sk			15.50	124	00
<p>RELEASED APR 23 1994 FROM CONFIDENTIAL</p>											
				Returned Mileage Charge							
				TOTAL WEIGHT	LOADED MILES	TON MILES					
				SERVICE CHARGE ON MATERIALS RETURNED					CU. FEET		
500-207		2	B	SERVICE CHARGE					CU. FEET 251	313	75
500-306		2	B	Mileage Charge	21,422#	35			374.885	318	65
				TOTAL WEIGHT	LOADED MILES	TON MILES			.85		
No. B 167065		CARRY FORWARD TO INVOICE					SUB-TOTAL		RECEIVED PRESERVATION DIVISION Wichita, Kansas 2447 74		

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

DISTRICT LIBERAL

DATE 4-17-93

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: H-40 DEK1106 (CUSTOMER)

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

ORIGINAL

WELL NO. 2 LEASE J.B. SMITH SEC. TWP. RANGE

FIELD COUNTY MOULTON STATE KS OWNED BY TEXACO

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. Includes rows for CASING, LINER, TUBING DP, OPEN HOLE, PERFORATIONS.

RELEASED

APR 20 1994

FROM CONFIDENTIAL

PREVIOUS TREATMENT: DATE TYPE MATERIALS

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

PTA w/ 235 SK 40/60 P02 w/ 690 Total GEL - 100 SK @ 3000' - 50 SK @ 1630' - 50 SK @ 780' - 10 SK 0-40' - 10 SK Mousse - 15 SK RTT Plug

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.
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.
d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and material. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE.
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.
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.

RECEIVED STATE COMMISSION

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. SIGNED John Kelly CUSTOMER DATE 4-17-93 TIME 0530 A.M. P.M. WICHITA, KANSAS

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY Madison 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. _____

ACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

ISG. DATA _____ TOTAL DEPTH _____

JOB DATA

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
4-17	0200	4-17	0500	4-17	0600	4-17	1030

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
SOOT COLLAR		
SOOT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
SP PLUG		
ISD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
Klusinger	11393	LIBERAL
Payer	48120	"
Mycals	59018	Arkansas

RELEASED

APR 28 1994

FROM CONFIDENTIAL

HEAT FLUID _____ DENSITY _____ LB/GAL-API

SPL FLUID _____ DENSITY _____ LB/GAL-API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

WID TYPE _____ GAL _____ %

WID TYPE _____ GAL _____ %

WID TYPE _____ GAL _____ %

INFILTRANT TYPE _____ GAL _____ IN.

AGENT TYPE _____ GAL _____ IN.

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

WID AGENT TYPE _____ GAL-LB _____ IN.

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

WIDER TYPE _____ GAL-LB _____ IN.

WIDCKING AGENT TYPE _____ GAL-LB _____

RFPAC BALLS TYPE _____ QTY. _____

HER _____

HER _____

DEPARTMENT CR

DESCRIPTION OF JOB PTA

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE [Signature]

HALLIBURTON OPERATOR Klusinger

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT/SK.	MIXED LBS/GAL.
1	100	40/60 FBZ		B	6% TOTAL GEL	1.57	13.4
2	50						
3	50						
4	10						
5	15						

PRESSURES IN PSI _____ SUMMARY _____ VOLUMES _____

CULATING _____ DISPLACEMENT _____ PRESURUSH: BBL-GAL _____ TYPE _____

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

FRAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL _____ DISPL: BBL-GAL _____

UT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL-GAL 66

TOTAL VOLUME: BBL-GAL _____ REMARKS _____

DERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____

EATING _____ DISPL _____ OVERALL _____ CEMENT LEFT IN PIPE _____

ET _____ REASON _____

RECEIVED

STATE COOPERATION COMMISSION

APR 30 1994

CONSERVATION DIVISION

Wichita, Kansas

JOB LOG

WELL NO. _____ LEASE _____ TICKET NO. _____
 CUSTOMER H-40 DRILL. PAGE NO. 1
 JOB TYPE PTA DATE 4-17-93

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL.)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0200							LAUNED
	0200							REQUESTED ORIGINAL
	0500							ON LOCATION - T.I.H. RIG UP
	0530							PIPE @ 3000' - Hook up Kelly - Circ Hole SAFETY MTC.
	0600							FROM CONFIDENTIAL SHUT MUD PUMP DOWN. Hook up
	0613	3	10	✓		150		PUMP 10 BBL H ₂ O SPACER
	0616	6	28	✓		200		PUMP 100 SC PLUG @ 13.4#
	0621	5	3.5	✓		200		PUMP 3.5 BBL H ₂ O SPACER
	0622	5	32	✓		250		PUMP 32 BBL MUD TO BALANCE
	0628							SHUT DOWN - PULL TO 1630'
	0710							PIPE @ 1630' - Hook up To LOT LINE
	0715	3	10	✓		150		PUMP 10 BBL H ₂ O SPACER
	0718	5	14	✓		175		PUMP 50 SC PLUG - 13.4#
	0721	5	3.5	✓		150		PUMP 3.5 BBL H ₂ O SPACER
	0722	5	16	✓		150		PUMP 16 BBL MUD TO BALANCE
	0725							SHUT DOWN - PULL TO 780'
	0755							PIPE @ 780' - Hook up
	0757	5	40	✓		150		PUMP 40 BBL H ₂ O
	0805	5	14	✓		150		PUMP 50 SC PLUG
	0808	5	7.5	✓		100		PUMP 7.5 BBL MUD TO BALANCE
	0810							SHUT DOWN - PULL TO SURFACE - PULL S.O.P. Lay Down Kelly - Pull Lot & House
	0945		3	✓				PUMP 10 SC @ 40'
	0950		3	✓				PUMP 10 SC MUD
	0955		4	✓				PUMP 15 SC RT
								RELEASED FROM LOCATION NOW IN CUSTODY - SQUIB

RECEIVED
 STATE CORPORATION COMMISSION
 APR 30 1993
 CONSERVATION DIVISION
 Wichita, Kansas

45168



HALLIBURTON SERVICES
Oklahoma, Oklahoma 73102

A Division of Halliburton Company

TICKET ORIGINAL NO. 307769-0

PAGE 1 OF _____ PAGES

FORM 1906 R-11

WELL NO.-FARM OR LEASE NAME 2 J. B Smith		COUNTY Morton	STATE KS	CITY / OFFSHORE LOCATION	DATE 4-12-93
CHARGE TO H-40		OWNER TEXACO USA	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR H-40 #1	LOCATION 1 LAMAR Co		CODE 25615
CITY, STATE, ZIP Wacita, KS		SHIPPED VIA TRUCK	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		LOCATION 2 HUGOTON
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO. 1512921193	DELIVERED TO LOC.		CODE 25535
TYPE AND PURPOSE OF JOB 010		ORDER NO. B-167035	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			
200-717				MILEAGE	45				2.75	123	75
201-016				PUMP CHARGE	750	FT.				735	00
220-018				5W PLUG.	1			8 1/2		130	00
<p>RELEASED</p> <p>APR 28 1994</p> <p>FROM CONFIDENTIAL</p>											

RECEIVED
STATE COORDINATING COMMISSION
APR 30 1993

AGREE UNDECIDED DISAGREE

1. OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWNS.

2. WE UNDERSTOOD AND MET YOUR NEEDS

3. OUR SERVICE WAS PERFORMED WITHOUT DELAYS

4. WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY.

5. ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND.

TICKET NO. **B-167035**

I CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN IMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FINISHED UNDER THIS CONTRACT.

C. Ashby
HALLIBURTON OPERATOR

CONSERVATION DIVISION
Wichita, Kansas

SUB TOTAL **5193 54**

APPLICABLE TAXES WILL

**BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION**

ORIGINAL
FOR INVOICE AND
TICKET NO. 307769



DATE 04-12-93	CUSTOMER ORDER NO.	WELL NO. AND FARM J.B. Smith #2	COUNTY Morton	STATE Kansas
CHARGE TO H-40 USA		OWNER Texaco, USA	CONTRACTOR H-40 Rig #1	No. B 167035
MAILING ADDRESS		DELIVERED FROM Hugoton, Ks	LOCATION CODE 025535	PREPARED BY Mike Gilbert
CITY & STATE		DELIVERED TO NW/Elkhart, Ks	TRUCK NO.	RECEIVED BY

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	125	sk			8.95	1118	75
504-120		2	B	Halliburton Light Cement	220	sk			8.05	1771	00
507-210	890.50071	2	B	Flocele 1/2#W/ 220	55	lb			1.40	77	00
509-406	890.50812	2	B	Calcium Chloride 3%W/ 345	10	sk			28.25	282	50

RELEASED
APR 28 1994
FROM CONFIDENTIAL

		Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES						
		SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET					
500-207		2 B SERVICE CHARGE				CU. FEET 373		1.25			
500-306		2 B Mileage Charge	32,893 TOTAL WEIGHT	35 LOADED MILES	575.6345 TON MILES			.85			

RECEIVED
STATE COMMISSION
APR 30 1993
AGGREGATION DIVISION
Conservation Commission
Wichita, Kansas

No. B 167035	CARRY FORWARD TO INVOICE	SUB-TOTAL	212 11 707
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WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ORIGINAL

JRM 1008 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO.

807769

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: H-40 (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 2 LEASE J.B. SMITHS SEC. 30 TWP. 32 RANGE 42

ELD COUNTY Morton STATE KS OWNED BY TEXACO USA

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 ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

SMT 8 1/2 SUBFACE SURFACE

DISP WITS 45652 H-40

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 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.

- 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.
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.
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.
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 [Signature] CUSTOMER

STATE CORPORATION CONSERVATION DIVISION Wichita, Kansas



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

EASTERN
LAMAN CO

BILLED ON TICKET NO. **207769**

WELL DATA
FIELD **20** SEC. **22** TWP. **42** RING. **MOBION** COUNTY **155** STATE

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFO _____
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFO _____
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	N	24	8 1/2	150	750	
LINER						
TUBING						
OPEN HOLE			12 1/4	150	810	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						ORIGINAL
PERFORATIONS						

TOOLS AND ACCESSORIES **Homeco**
TYPE AND SIZE _____ QTY. _____ MAKE _____
FLOAT COLLAR _____
FLOAT SHOE _____
GUIDE SHOE _____
CENTRALIZERS _____
BOTTOM PLUG _____
TOP PLUG **5/2** _____
HEAD _____
PACKER _____
OTHER _____

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 4-12-93	DATE 4-12-93	DATE 4-12-93	DATE 4-12-93
TIME 18:20	TIME 21:15	TIME 00:30	TIME 1:15

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. _____ IN. _____
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
RELEASED M. MILLER.	3581	LAMAN
C ASSEBY 44061	37454	
D KRIEGER	37454	
69429		

DEPARTMENT **Cont**
DESCRIPTION OF JOB **8 1/2**
JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN
CUSTOMER REPRESENTATIVE **X John Schley**
HALLIBURTON OPERATOR **C. Kelly** COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU FT./SK.	MIXED LBS./GAL.
1	220	H.L.C	P.T		370 CC 1/2" FL	2.11	12.2
2	125	P.T			370 CC	1.23	14.8

PRESSURES IN PSI _____ SUMMARY _____ VOLUMES _____
CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL-GAL. _____ TYPE _____
BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL. _____
AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. _____
SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL. **111**
ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL-GAL. _____ REMARKS _____
TREATING _____ DISPL _____ OVERALL _____ CEMENT LEFT IN PIPE _____

413 **R.H.F.L.D.**

RECEIVED
PACIFIC COAST PRODUCTION COMMISSION
APR 15 1993
CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER **H-40**
LEASEE **D. B. SMITH**
WELL NO. **2**
JOB TYPE **8 1/2**

HALLIBURTON SERVICES
JOB LOG

WELL NO. 2 LEASE J.B. Smith's. TICKET NO. 307769
 CUSTOMER H-40 PAGE NO. _____
 JOB TYPE 8 1/2 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	
								3581 P.C.P. 30, 22, 42. MORTON 155
	ASAP 21:15							RELEASED APR 28 1994 REG ON LOC. ON LOC BIG off 590 FT
								FROM CONFIDENTIAL
	00:20							SAFETY MEET MAX USE 1500
		6					500	Howco Hook up to CIR.
		4	111				500	Howco Hook up to CMT START CMT FINISH CMT
		6					200	RELEASE PLUG.
	1:15	3	45				350	START DISP. FINISH DISP.
								CLOSE IN HEAD
								CMT CIR. YES

RECEIVED
STATE CORPORATION COMMISSION
APR 30 1993
CONSERVATION DIVISION
Wichita, Kansas