

ORIGINAL

RELEASED
CONFIDENTIAL
MAY 28 1991

SIDE ONE

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

Operator: License # 5171
Name: TXO Production Corp.
Address 1660 Lincoln Street
Suite 1800
City/State/Zip Denver, CO 80264
Purchaser: _____
Operator Contact Person: Jerry W. Collins
Phone (303) 861-4246

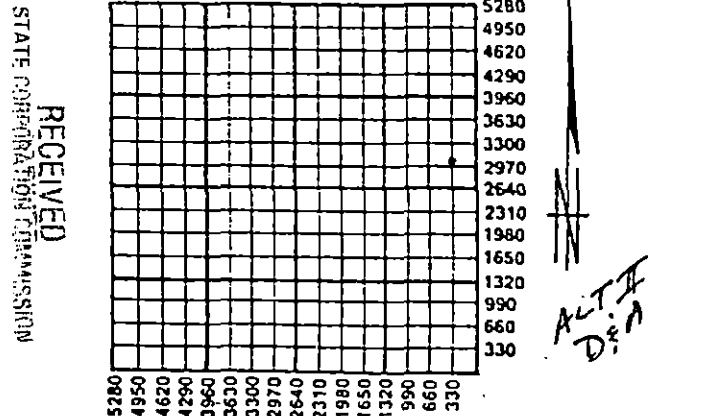
Contractor: Name: Eagle Drilling Co.
License: 5380
Wellsite Geologist: John Christianson

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OAWD: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable
4-2-90 4-10-90 4-11-90
Spud Date Date Reached TD Completion Date

API NO. 15- 057-20482-0000
County Ford FROM CONFIDENTIAL
SE SE NE Sec. 36 Twp. 27 Rge. 24 East West
2980 Ft. North from Southeast Corner of Section
330 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Jones "SS" Well # 1
Field Name W C
Producing Formation None
Elevation: Ground 2510' KB 2521'
Total Depth 5225' PBD _____



Amount of Surface Pipe Set and Cemented at 391 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/ _____ 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 Jerry W. Collins
Title Drilling/Production Engineer Date _____
Subscribed and sworn to before me this 17 day of April,
1990.
Notary Public Janice A. Parker
Date Commission Expires 11-03-92

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

PI

SIDE TWO

Operator Name TXO Production Corp. Lease Name Jones "SS" Well # 1
 Sec. 36 Twp. 27 Rge. 24 East County _____
 West

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.

RELEASED

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 **MAY 2 8 1991**

Log FROM CONFIDENTIAL

Name	Top	Bottom
Winfield	2717'	
Heebner	4258'	
Toronto	4273'	
Lansing	4388'	
Marmaton	4877'	
Pawnee	4949'	
Morrow Sh	5112'	
Mississippi	5159'	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24	391'	Lite	200	3% CC
					"A"	75	3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval _____

District Pratt Date 4/10/90 Customer Order No. _____

COMPANY NAME TXO **CONFIDENTIAL** **ORIGINAL**

ADDRESS _____

LEASE AND WELL NO. Jones SS #1 COUNTY Ford STATE Ks Sec. 36 Twp. 27 Rge. 24

Mail Invoices To Same No. Copies Requested 5

Mail Charts To Same Address _____ No. Copies Requested 5

Formation Test No. _____ Interval Tested From 5108 ft. to 5162 ft. Total Depth 5225 ft.

Packer Depth 5103 ft. Size 6 1/8 in. Packer Depth 5162 ft. Size 6 7/8 in.

Packer Depth 5108 ft. Size 6 7/8 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 5152 ft. Recorder Number 13552 Cap. 4050

Bottom Recorder Depth (Outside) 5155 ft. Recorder Number 13361 Cap. 4250

Below Saddle Recorder Depth 5190 ft. Recorder Number _____ Cap. _____

Drilling Contractor Eagle Rig #1 Drill Collar Length 480 I. D. 2 1/4 in.

Mud Type Chemical Viscosity 56 Weight Pipe Length _____ L. D. _____ in.

Weight 9.1 Water Loss 10.2 cc. Drill Pipe Length 4596 I. D. 3 1/4 in.

Chlorides 16500 P.P.M. Test Tool Length 32 ft. Tool Size 5 1/2 00 in.

Jars: Make WTC Serial Number 407 Anchor Length 54 (63TP) ft. Size 5 1/2 00 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 1 1/2 in. Tool Joint Size 4 1/2 FH in.

Blow: Weak throughout first flow. No blow on second flow.

Recovered 20 ft. of Dolg Mud **RELEASED**

Recovered _____ ft. of _____

Recovered _____ ft. of _____ **MAY 2 8 1991**

Recovered _____ ft. of _____

Recovered _____ ft. of _____ **FROM CONFIDENTIAL**

Chlorides _____ P.P.M. Sample Jars used _____ Remarks: _____

Time On Location 11:00 A.M. Time Pick Up Tool 12:00 P.M. Time Off Location _____ A.M. P.M.

Time Set Packer(s) 2:15 P.M. Time Started Off Bottom 6:00 P.M. Maximum Temperature 122°

Initial Hydrostatic Pressure _____ (A) 2550 P.S.I.

Initial Flow Period _____ Minutes 30 (B) III P.S.I. to (C) III P.S.I.

Initial Closed In Period _____ Minutes 40 (D) III P.S.I.

Final Flow Period _____ Minutes 45 (E) III P.S.I. to (F) III P.S.I.

Final Closed In Period _____ Minutes 90 (G) III P.S.I.

Final Hydrostatic Pressure _____ (H) 2530 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature]
Signature of Customer or his authorized representative

Western Representative Jim Woods Thank You

FIELD INVOICE

- Open Hole Test \$
- Misrun \$ _____
- Straddle Test \$
- Jar \$ _____
- Selective Zone \$ _____
- Safety Joint \$ _____
- Standby \$ _____
- Evaluation \$ _____
- Extra Packer \$
- Circ. Sub. \$ _____
- Mileage \$ _____
- Fluid Sampler \$
- Extra Charts \$ _____
- Insurance \$ _____
- Telecopier \$ _____
- TOTAL \$ _____

RECEIVED

MAY 7 1990

CONSERVATION DIVISION
Wichita, Kansas



B.J. TITAN SERVICES
LOAD SHEET

ORIGINAL CONFIDENTIAL

JOB NUMBER S00292	CONTRACT NUMBER 610728	DATE 4-11-90	DISTRICT NAME Medicine Lodge, KS
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CUSTOMER NAME AND ADDRESS TXO PROD. Co. Box 125 B Medicine Lodge, KS 67104	DIRECT SHIPMENT FROM VENDOR NAME RELEASED MAY 28 1991
--	--

Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	FROM CONFIDENTIAL	
					DIRECT SHIPPED	AMOUNT RETURNED
1	410504	CLASS A	109	109		
2	415018	FLY ASH	70	70		
3	420145	BJ GEL	9	9		
4						
5						
6						
7						
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27						

RECEIVED
STATE CORPORATION COMMISSION
MAY 7 1990
CONSERVATION DIVISION
Wichita, Kansas

COPY 1 - DISTRICT COPY COPY 2 - CUSTOMER COPY COPY 3 - HOUSTON	LOADED BY: John Kelley <small>PRINTED</small>	CUSTOMER: Edward L. Woody <small>SIGNATURE</small>
	Ken Weyer <small>SIGNATURE</small>	DATE:

ORIGINAL

CONFIDENTIAL

BJ-TITAN SERVICES

GEMENTING LOG

STAGE NO. _____

P.O. BOX 4442 HOUSTON, TX 77210

Date 4-11-90 District MED LODGE Ticket No. 610728
 Company TXO PROD. CORP. Rig EAGLE #1
 Lease JONES SS Well No. 1
 County FORD State KANSAS
 Location 3-275-24W Field WILDCAT
FORD 2-N, 75W, 24N, 45

CASING DATA: PT&X Squeeze
 Surface Intermediate Production Liner
 Size 8 7/8" Type J-SS Weight 24# Collar ST-C

BURST - 2950#
COLLAPSE - 1370#
 Casing Depths: Top _____ Bottom _____

Drill Pipe: Size 4 1/2" Weight 16.6# Collars XA
 Open hole: Size 7 7/8" T.D. 5225 ft P.B. to _____ ft

CAPACITY FACTORS:
 Casing: Bbls/Lin ft. .0634 Lin ft /Bbl 15.7
 Open Holes: Bbls/Lin ft. .0602 Lin ft. /Bbl. 16.59
 Drill Pipe: Bbls/Lin. ft. .0142 Lin ft /Bbl 70.3
 Annulus: Bbls/Lin ft. .0406 Lin. ft /Bbl. 24.64
 Bbls/Lin ft. _____ Lin ft /Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt _____

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD Pump Time _____ hrs. Type _____
 Excess _____

Amt _____ Sks Yield _____ ft³/sk Density _____ PPG
 TAIL: Pump Time _____ hrs. Type 40:60:6
 Excess _____

Amt. 175 Sks Yield 1.53 ft³/sk Density 13.8 PPG
 WATER: Lead _____ gals/sk Tail 7.9 gals/sk Total 32 1/2 Bbls.

Pump Trucks Used 2901-6480 Bob C.
 Bulk Equip. 2904-6483 JOHN K.

Float Equip: Manufacturer _____
 Shoe Type _____ Depth _____
 Float. Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type DALG. MUD Amt. _____ Bbls Weight 9.3 PPG
 Mud Type CHEMICAL Weight 9.3 PPG

COMPANY REPRESENTATIVE E. J. WOODY - EAGLE DUG.

CEMENTER KEVIN BRUNARDT

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
3:30						ON LOCATION, RIG UP JOB & SAFETY PROCEDURE
4:20	100		14 27 1/2	14 13 1/2	3 1/2 7	SPOT 50SK @ 1230' DISPLACE WITH MUD
4:40			41 1/2 41 1/2	17 6 1/4	3 1/2 7	SPOT 50SK @ 700' DISPLACE WITH MUD
5:00			59 62	11 1/4 3	3 1/2 5	SPOT 40SK @ 420' DISPLACE WITH WATER
			64 3/4	2 3/4		CIRCULATE CEMENT TO SURFACE @ 10' WITH 10SK
			67 1/2	2 3/4		CIRCULATE CEMENT TO SURFACE IN M.H. WITH 10SK
			71 3/4	4 1/4		CIRCULATE CEMENT TO SURFACE IN R.H. WITH 10SK

RECEIVED
 CORPORATION COMMISSION
 MAY 7 1990
 WIGGINTON DIVISION
 WIGGINTON, KANSAS

CUSTOMER COPY

ORIGINAL

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT



P.O. Box 4442
Houston, Tx. 77210

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

DATE **4-11-90** SERVICE CONTRACT NO. **610728**

CUSTOMER ACCOUNT NO.	DIST NAME MED LODGE	NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE	JOB NUMBER 500292
CUSTOMER TXO PROD CORP.	DIST NUMBER 3350	WELL NO. 1	LEASE NAME & FEDERAL OFFSHORE LEASE NO. JONES SS	
ADDRESS Box 125 B	COUNTY/PARISH FORD	CODE	STATE Ks	CODE 14
CITY MEDICINE LODGE STATE KANSAS ZIP 67104	FIELD NAME	CITY CODE		MTA CODE
AUTHORIZED BY: E. J. WOODY, JR.	ORDER NO.	WELL OWNER TXO PROD CORP.		

STAGE NO.	JOB CODE 0115	WORKING DEPTH 1220 FT	PUMPING EQUIPMENT	TIME (A OR P)	DATE
TOTAL PREV. GALS.	1 SURFACE <input type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>		TRUCK CALLED	9:00 A	04/12/90
TOTAL MEAS. DEPTH	SIZE HOLE 7 7/8" DEPTH 5725 FT		ARRIVED AT JOB	3:30 P	04/11/90
FT.	SIZE & WT. CASING 8 7/8" 24" DEPTH		START OPERATION	4:20 A	04/11/90
PACKER DEPTH	SIZE & WT. DRILL PIPE OR TUBING 4 1/2" 16.6" DEPTH 1220 FT		FINISH OPERATION	6:15 A	04/11/90
FLUID PUMPED			TIME RELEASED		
			MILES FROM STATION TO WELL		
			SALESMAN NUMBER		

CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT

CONFIDENTIAL

MAX. BPM	
S/S EMPLOYEE NUMBER	
REMARKS	

RECEIVED
STATE CORPORATION COMMISSION
MAY 7 1990
CONSERVATION DIVISION
Wichita, Kansas
RELEASED

MAY 2 8 1991

FROM CONFIDENTIAL

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

SIGNED: *X Edward L. Woody*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
10109316	1	PUMP CHARGE	650.00	E	650 00
10109005	100	RELEASE ON PUMP R/T	1.10	E	110 00
10410504	105	CLASS A	5.30	Q	556 50
10415018	70	FLYASH	2.61	Q	182 70
10420145	9.0	BJ BEL	6.75	C	60 75
10830001	175	MIXING CHARGE	.95	Q	166 25
10940101	640	DRAYAGE 8.0 X 80	.70	E	448 00
		BOOK PRICE			\$ 2174 20
		LESS			
		TOTAL			\$ 1739 36

SERVICE REPRESENTATIVE HELEN BRINGARD	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>X Edward L. Woody</i>
--	--

CHECK, IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



P.O. Box 4442
Houston, TX 77211

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

ORIGINAL

CONFIDENTIAL

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

DATE 4-2-90	SERVICE CONTRACT NO. 610619
NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> WELL TYPE Q	JOB NUMBER 50037B
WELL NO. 1	LEASE NAME & FEDERAL OFFSHORE LEASE NO. JONE
COUNTY/PARISH FORD	CODE 007 STATE K CODE 14
FIELD NAME WILU/PT	CITY CODE
WELL OWNER TXO TRON CORP.	MTA CODE

CUSTOMER ACCOUNT NO.	DIST. NAME NEW CORP
CUSTOMER TXO PROD CORP.	DIST. NUMBER 330
ADDRESS BOX 1254	
CITY MEDICINE LODGE STATE KANSAS	ZIP 67104
AUTHORIZED BY: V.O. STEINERT	ORDER NO.

STAGE NO.	JOB CODE 0100	WORKING DEPTH 391 FT	PUMPING EQUIPMENT	TIME (A OR P)	DATE
TOTAL PREV. GALS.	1 SURFACE <input checked="" type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>		TRUCK CALLED	1300 P	040219
TOTAL MEAS. DEPTH FT.	SIZE HOLE 12 1/4"	DEPTH 403 FT	ARRIVED AT JOB	1600 P	040219
	SIZE & WT. CASING 2 3/8" 24"	DEPTH 391 FT	START OPERATION	1740 P	040219
	SIZE & WT. DRILL PIPE OR TUBING	DEPTH	FINISH OPERATION	1300 P	040219
	PACKER DEPTH	FLUID PUMPED	TIME RELEASED	9:00 P	
			MILES FROM STATION TO WELL 189	SALESMAN NUMBER	

REVENUE EQUIPMENT (UNIT NUMBERS)	EMPLOYEES ON JOB (EMPLOYEE NUMBER)
MAX. BPM 5 1/2	6430
S/S EMPLOYEE NUMBER 666454	237697
	269352
	RELEASED
	MAY 2 8 1991
	FROM CONFIDENTIAL

PRICE BOOK REF.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.	PART NO.	STATE	U/M	QTY.
104130015	41105104	Q	114							
	41150113	Q	73							
	42011415	C	10.56							

RECEIVED
MAY 7 1990
CONSERVATION DIVISION
Wichita, Kansas

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK	017	SIGNED:	V. K. O. STEINERT	(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)	
PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
10410013015	1	501' - 1,500'	375.00	F	375.00
10410013110	91	TWISTER FOOT LEAD 50'	42	F	3822
10410013005	100	WILLENGE R/T	1.10	F	110.00
1041120005	200	I.T. LITE	4.74	Q	948.00
104105104	75	CLASS A	5.30	Q	397.50
10411510149	740	A-7P	32	C	23680
1042011415	141	BJ 6EL	6.75	C	952
1033010011	275	MAINTENANCE SERVICE	.95	Q	261.25
1094011011	1016	DRAINAGE 12.7 x 30	.70	F	711.20
104301336	1	3 7/8" TOP RUBBER PUG	100.00	F	100.00

SERVICE REPRESENTATIVE V. K. O. STEINERT	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: V. K. O. STEINERT
--	---

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)
CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



SERVICE OPERATIONS CONTRACT CONTINUATION

CONFIDENTIAL

CONTRACT NO. 610619

DATE OF JOB 04/21/90	DISTRICT WEL LODGE	DIST. NO. 550	AUTHORIZED BY K. O. STEWERT
CUSTOMER TXC TRON CORP.			

ORIGINAL

PRICE BOOK	PRICE BOOK REF NO	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
07	10409600	1	3 7/8" RAFFEE NOTE - T	95.25	F	95.25
	10409600	1	3 7/8" BASKET - T	190.00	F	190.00
	10409600	1	3 7/8" IDENTIFIED - T	27.75	F	27.75
			Book Price			\$ 2530.49
			LESS			832.62
			TOTAL			\$ 2647.87

RELEASED

MAY 28 1991

FROM CONFIDENTIAL

RECEIVED STATE CORPORATION COMMISSION

MAY 7 1990

Wichita, Kansas

SERVICE REPRESENTATIVE V. F. HUNGALOT

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: K. O. STEWERT

CHECK IF CONTINUATION IS USED

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.

Date 4-2-90 District Wichita Ticket No 610619
 Company TXC 11001 Con Rig 3110 #1
 Lease TONO Well No 1
 County FORN State KAN
 Location 26-27-240 Field Wichita
ROAD 9-N 70-1, 7-N 1
 CASING DATA PTA Squeeze
 Surface Intermediate Production Liner
 Size 5 1/8" Type V25 Weight 24 # Collar 27 #
LINKS - 2950"
COLLARS - 1570"
 Casing Depths Top PL Bottom 291

CEMENT DATA **MAY 28 1990**
 Spacer Type _____
 Amt. _____ Sks Yield _____ ^{lb/sk} Density _____ PPG
FROM CONFIDENTIAL
 LEAD Pump Time _____ hrs Type 2600
2% 1174 Excess _____
 Amt. 200 Sks Yield 1.24 ^{lb/sk} Density 15.3 PPG
 TAIL Pump Time _____ hrs Type (4100 #1)
2% 1174, 2% 1174 Excess _____
 Amt. 75 Sks Yield 1.24 ^{lb/sk} Density 15.2 PPG
 WATER Load 7.3 gals/sk Tail 6.5 gals/sk Total 43% Bbls.
 Pump Trucks Used 2901-6430 1000 #1
 Bulk Equip 2966-3700 MAX 10

Drill Pipe Size 4 1/2" Weight 16.6 # Collars VH
 Open Hole Size 12 1/4" TD 403 ft PB to _____
 CAPACITY FACTORS
 Casing Bbls/Lin ft 0.007 Lin ft/Bbl 12.7
 Open Holes Bbls/Lin ft 1423 Lin ft/Bbl 6.3"
 Drill Pipe Bbls/Lin ft 0.143 Lin ft/Bbl 7.0
 Annulus Bbls/Lin ft 0.723 Lin ft/Bbl 1.4
 Perforations From _____ ft to _____ ft Amt _____

Float Equip Manufacturer LAFER
 Shoe Type _____ Depth 291
 Float Type 2 1/2" 1000 Depth 291
 Centralizers Quantity 1 Plugs Top 1000 Btm _____
 Stage Collars _____
 Special Equip 2 1/2" 1000
 Disp. Fluid Type 1000 Amt 22 Bbls Weight 3.20 PPG
 Mud Type 1000 Weight _____ PPG

COMPANY REPRESENTATIVE V.O. [Signature]

CEMENTER [Signature]

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
6:00						ON LOCATION, JOBS AREN'T HERE
						RECALL
						NEW 3 1/2" (WICHITA) (WICHITA)
7:40						LEAD TO 291 FEET
	100					TAIL LEAD
	100		6 1/4"	2 1/4"	20"	LEAD TO 291 FEET
	0		10 1/4"	13	24"	TAIL TO 291 FEET
	0					THREE TIMES RECESS LOG
	0					3000 TO 291 FEET
	100		70 1/4"		24"	EXCESSIVE LOSS
3:00	350		96 1/4"	20 1/2"		LEAD TO 291 FEET

RECEIVED
 STATE DEPARTMENT OF COMMISSION
 MAY 2 1990
 WICHITA, KANSAS
 THANK YOU