

ORIGINAL

SIDE ONE

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

API NO. 15- 185-22,744-0000

County Stafford

SE NE SW Sec. 1 Twp. 22S Rge. 14 East West

1650' Ft. North from Southeast Corner of Section

2970' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name HALL Well # 2

Field Name Curtis West

Producing Formation Arbuckle

Elevation: Ground 1926 KB

Total Depth 3835' PBDT 3776'

Operator: License # 30517

Name: Turnco Drilling, Inc.

Address 3900 Broadway, Great Bend, KS

Mailing Address: P. O. Box 771327

City/State/zip Wichita, KS 67277

Purchaser: Farmland Industries

Operator Contact Person: Joe Brougher, Agent

Phone (316) 721-8866

Contractor: Name: Turnco Drilling, Inc.

License: 30517 STATE OF KANSAS

Wellsite Geologist: Todd Morgenstern

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWWO: old well info as follows:

Operator: _____

Well Name: _____

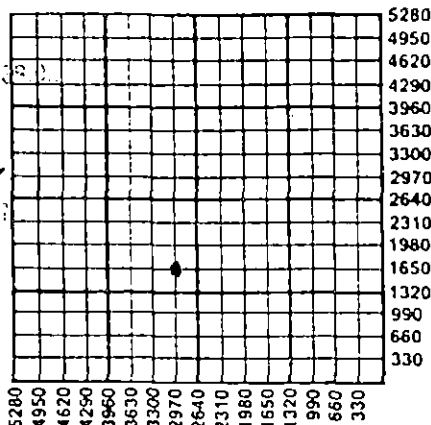
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

12-12-90 12-20-90 1-11-91

Spud Date Date Reached TD Completion Date



RECEIVED
FEB 12 1991
2-12-91
CONFIRMATION DIVISION
WICHITA, KANSAS

Amount of Surface Pipe Set and Cemented at 470' 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.

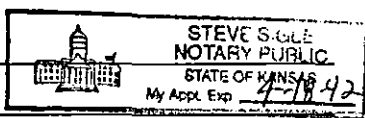
Signature Joe Brougher

Title Agent Date 2-11-91

Subscribed and sworn to before me this 11th day of Feb. 19 91.

Notary Public Steve S. Gle

Date Commission Expires 4-18-92



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 TURNCO DRILLING, INC. Lease Name HALL Well # 2
 Sec. 1 Twp. 22 Rge. 14 East County Stafford
 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.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr><td>Anhydrite</td><td>801'</td><td>+1136</td></tr> <tr><td>Base Anhydrite</td><td>826'</td><td>+1111</td></tr> <tr><td>Heebner</td><td>3283'</td><td>-1346</td></tr> <tr><td>Toronto</td><td>3304'</td><td>-1367</td></tr> <tr><td>Douglas</td><td>3319'</td><td>-1382</td></tr> <tr><td>Brown Lime</td><td>3406'</td><td>-1469</td></tr> <tr><td>Lansing K.C.</td><td>3417'</td><td>-1480</td></tr> <tr><td>Base K.C.</td><td>3647'</td><td>-1710</td></tr> <tr><td>Viola</td><td>3672'</td><td>-1735</td></tr> <tr><td>Simpson</td><td>3708'</td><td>-1771</td></tr> <tr><td>Arbuckle</td><td>3758'</td><td>-1821</td></tr> <tr><td>T.D.</td><td>3839'</td><td>-1902</td></tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	801'	+1136	Base Anhydrite	826'	+1111	Heebner	3283'	-1346	Toronto	3304'	-1367	Douglas	3319'	-1382	Brown Lime	3406'	-1469	Lansing K.C.	3417'	-1480	Base K.C.	3647'	-1710	Viola	3672'	-1735	Simpson	3708'	-1771	Arbuckle	3758'	-1821	T.D.	3839'	-1902
Name	Top	Bottom																																						
Anhydrite	801'	+1136																																						
Base Anhydrite	826'	+1111																																						
Heebner	3283'	-1346																																						
Toronto	3304'	-1367																																						
Douglas	3319'	-1382																																						
Brown Lime	3406'	-1469																																						
Lansing K.C.	3417'	-1480																																						
Base K.C.	3647'	-1710																																						
Viola	3672'	-1735																																						
Simpson	3708'	-1771																																						
Arbuckle	3758'	-1821																																						
T.D.	3839'	-1902																																						

CASING RECORD

Report all strings set-conductor, surface, intermediate, production, etc.

New Used

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	23#	470	60/40 Poz	350	2%Gel; 3%A-7
Production		5 1/2		3839'	Litewate	100 fo	ollowed by
					60/40 Poz	150	2% Gel, 10%A-5

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	3781-3784'	250 gal. 15% Reg.	
2	3763-3766'	250 gal. mod 202 acid	

TUBING RECORD

Size 2 7/8" Set At 3750' Packer At _____ Liner Run Yes No

Date of First Production 1-15-91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours: Oil 50 Bbls. Gas _____ Mcf Water 300 Bbls. Gas-Oil Ratio 28 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 _____

ORIGINAL

DRILLERS LOG

HALL #2, API #15-185-22,744
SE NE SW Sec.1-22-14W
Stafford County, Kansas

0'	to	406'	Sand & R.B.
406'	to	468'	Shale
468'	to	1020'	Lime & Shale
1020'	to	1728'	Lime & Shale
1728'	to	2087'	Shale & Lime
2087'	to	2355'	Shale & Lime
2355'	to	2645'	Lime & Shale
2645'	to	2920'	Shale & Lime
2920'	to	3025'	Lime & Shale
3025'	to	3185'	Lime & Shale
3185'	to	3335'	Lime & Shale
3335'	to	3494'	Lime & Shale
3494'	to	3587'	Shale & Lime
3587'	to	3720'	Shale & Lime
3720'	to	3770'	Arbuckle
3770'	to	3835'	Arbuckle
3835'			Rotary Total Depth
3839'			Loggers Total Depth

RECEIVED
STATE GEOLOGICAL COMMISSION

FEB 12 1991

GEOLOGICAL DIVISION
Wichita, Kansas

ORIGINAL

FORMATION TOPS:

<u>FORMATION</u>	<u>SAMPLE</u>	<u>LOG</u>	<u>DATUM</u>
ANHYDRITE	N/A	801'	+1136
BASE ANHYDRITE	N/A	826'	+1111
HEEBNER	3282'	3283'	-1346
TORONTO	3302'	3304'	-1367
DOUGLAS	3317'	3319'	-1382
BROWN LIME	3406'	3406'	-1469
LANSING K.C.	3416'	3417'	-1480
BASE K.C.	3649'	3647'	-1710
VIOLA	3673'	3672'	-1735
SIMPSON	3706'	3708'	-1771
ARBUCKLE	3756'	3758'	-1821
ROTARY TOTAL DEPTH	3835'	****	-1898
LOG TOTAL DEPTH	****	3839'	-1902

RECEIVED
STATE OF KANSAS COMMISSION

SAMPLE DESCRIPTIONS AND TEST DATA:

(All depths have been corrected to log measurements) FEB 12 1991

LANSING-KANSAS CITY:

RECEIVED
STATE OF KANSAS COMMISSION

3462-3468 Limestone, tan and gray, finely crystalline, dense, fossiliferous, slightly oolitic and oolitic, with fair intercrystalline and oolitic porosity, slight spotted staining, fair odor, slight show of free oil. (Covered by D.S.T. No. 1)

3486-3494 Limestone, tan and buff, finely crystalline, dense, slightly cherty, with fair pinhole porosity, fair staining, light odor, slight show of free oil. (Covered by D.S.T. No. 1)

ORIGINAL

FORMATION TEST NO. 1

3447-3494

Fair to strong blow

30 min.

I.H.P.

1683#

I.F.P.

71#-112#

30 min.

I.S.I.P.

818#

Weak to fair blow

30 min.

F.F.P.

153#-173#

30 min.

F.S.I.P.

739#

F.H.P.

1633#

RECOVERY:

60' mud with oil spots

210' muddy water

TEMPERATURE:

105°

3505-3508

Limestone, tan, buff and gray, finely crystalline, oolitic with fair oolitic porosity, no shows of oil were noted.

3580-3584

Limestone, cream and tan, finely crystalline, slightly fossiliferous, oolitic and slightly oolitic, with fair to good interoolitic porosity, good spotted staining and saturation, light to fair odor, good show of free oil, slightly gassy. (Covered by D.S.T. No. 2)

FORMATION TEST NO. 2

3567-3587

Weak blow

30 min.

I.H.P.

1703#

I.F.P.

40#-40#

30 min.

I.S.I.P.

639#

Very weak blow

30 min.

F.F.P.

40#-40#

30 min.

F.S.I.P.

306#

F.H.P.

1683#

RECOVERY:

10' mud with oil spots on top of tool.

TEMPERATURE:

106°

FEB 12 1991

3602-3607

Limestone, tan and gray, finely crystalline, oolitic, slightly oolitic, with poor visible oolitic porosity, slightly chalky, trace of spotted staining.

VIOLA:

3672-3707

Chert, mostly white, bone and tan, fresh sharp slightly tripolitic, with fractured staining, light odor, fair show of free oil.

ARBUCKLE:

3758-3770

Dolomite, tan, brown and gray, finely crystalline, sucrosic in part, slightly dense, with fair intercrystalline and pinpoint porosity, slightly oolitic, with brown staining and saturation, strong odor, good show of free gassy oil. (Covered by D.S.T. No. 3)

FORMATION TEST NO. 3

3760-3770

		I.H.P.	1852#
Strong blow	45 min.	I.F.P.	255#-858#
	45 min.	I.S.I.P.	1216#
Strong blow	45 min.	F.F.P.	938#-1126#
	45 min.	F.S.I.P.	1216#
		F.H.P.	1802#

RECOVERY:

240' oil. (27° gravity)
 1200' gassy oil cut water. (35% oil, 65% water)
 300' gassy oil cut water. (10% oil, 90% water)
 300' gassy oil cut water. (3% oil, 97% water)
 240' slightly oil cut water. (1% oil, 99% water)
 640' water.

TEMPERATURE: 108°

CHLORIDES: 60,000 P.P.M.

3781-3790

Dolomite, tan and brown, fine to medium crystalline, slightly rhombic, with good intercrystalline porosity, dark staining, dead tarry inert residue, very slight show of free oil, light odor.

SUMMARY:

With the positive results of D.S.T. No. 3 and after reviewing the open hole log, it was decided that 5 1/2" production casing be run to further evaluate the No. 2 Hall.

Respectfully submitted,

Todd E. Morgenstern
Geologist

FILED
 FEB 12 1991
 U.S. DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

CUSTOMER COPY



P.O. Box 4442
Houston, Tx. 77210

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

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

DATE 12-20-20		SERVICE CONTRACT NO. 635703	
CUSTOMER ACCOUNT NO.	DIST NAME PL 122 A	NEW WELL- <input type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE 0
CUSTOMER B-7 inc	DIST NUMBER 310	WELL NO. # 2	LEASE NAME & FEDERAL OFFSHORE LEASE NO. Hal
ADDRESS		COUNTY/PARISH Stallard	CODE 209 STATE La CODE 14
CITY	STATE	ZIP	FIELD NAME K-19¹¹281 3'20
AUTHORIZED BY: (Please Print)	ORDER NO.	WELL OWNER B-7 inc	CITY CODE 14 MTA CODE
STAGE NO.	JOB CODE 106	WORKING DEPTH FT	PUMPING EQUIPMENT
	1 SURFACE <input type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>		TIME (A OR P)
TOTAL PREV. GALS.	SIZE HOLE	DEPTH	DATE
	SIZE & WT. CASING	DEPTH	TRUCK CALLED 2010A MM DD YY 11 20 19
TOTAL MEAS. DEPTH FT.	SIZE & WT. DRILL PIPE OR TUBING	DEPTH	ARRIVED AT JOB 11:30 AM
	PACKER DEPTH	FLUID PUMPED	START OPERATION 1:00 PM
AVERAGE PRESSURE AVG PSF			FINISH OPERATION 11:15 AM
MAXIMUM PRESSURE MAX PSF			TIME RELEASED
MAX. BPM	CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT		
S/S EMPLOYEE NUMBER 628198			
REMARKS			
FEB 9 1991			

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	SIGNED: _____ (WELL OWNER, OPERATOR, CONTRACT OR AGENT)				
PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

OVER

SERVICE REPRESENTATIVE **Mike Jones** THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY **Lee Boncher**

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.

BJ SERVICES TERMS AND CONDITION

EFFECTIVE: 04/15/86

TERMS. Terms of payment for all services and materials including bulk cement are net price. All unpaid bills are subject to maximum legal interest rate, per annum, beginning 30 days after invoice date. In the event that Customer's account with BJ Services becomes delinquent, BJ Services has the right to reinstate any and all discounts applied in arriving at net invoice price. Such amounts will likewise become due and owing and subject to collection.

TAXES. All prices are exclusive of any Federal, State or Special Taxes for the sale or use of merchandise or service listed. The amount of taxes required to be paid by the seller shall be added to the quoted prices payable by the buyer.

CREDIT. Unless satisfactory credit has been established, cash payment will be required in advance.

TOWING CHARGES. We will make reasonable attempt to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer.

SPECIAL PROVISIONS. If a material service is ordered and the customer cancels same after the materials have been prepared, a charge will be made to the customer for expenses incurred.

All material prices are subject to change without notice.

In connection with services performed that require payment of any applicable royalty or license fee, such royalty or license fee will be billed to the customer in addition to the price of any services performed by BJ Services.

SERVICE CONDITIONS. We carry public liability and property damage insurance, but as there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons nor for loss or damage arising from the performance of our services or resulting therefrom.

1. The Company shall not be liable or responsible for and customer shall defend, indemnify and hold BJ Services harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to customer's property and of the well owner or any third person, and for bodily injury, sickness or disease, including death resulting therefrom, brought by or on behalf of customer, the well owner, or any third person arising out of, or in connection with, BJ Services' performance of services in the furnishing of materials, programs and supplies (unless caused by the willful misconduct or gross negligence of BJ Services).

2. Customer shall also be responsible for and shall defend, indemnify and hold BJ Services harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for oil spill pollution, surface damage or subsidence, injury to the well, reservoir loss, or damage arising from a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of BJ Services.

3. Customer shall also be responsible for and shall defend, indemnify and hold BJ Services harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damage, injury or loss as a result of asbestos, asbestos containing soil or any oil well fracturing operations or sand production by BJ Services, which is caused in whole or in part by the willful misconduct or gross negligence of BJ Services, including royalty interest holders, or any other person or entity.

4. BJ Services does not assume any liability or responsibility for contamination of water or other media by the contamination of water or other media.

5. Should any of BJ Services' tools, equipment or other materials be damaged, lost or destroyed, BJ Services shall be responsible for the cost of replacement of such tools, equipment or other materials, unless such loss or damage is caused by the willful misconduct or gross negligence of BJ Services.

6. In addition to the above, in case of loss or damage to customer's property or equipment, or other property, which is caused in whole or in part by the performance of services, such loss or damage, out cost to BJ Services or others, as BJ Services shall determine, shall be covered at no charge and covered to the full limit at the time of the claim to BJ Services, at the landing, unless such loss or damage is caused by the willful misconduct of BJ Services.

7. BJ Services does not assume any liability or responsibility for the loss or damage to the well or other property caused by the use of any equipment or supplies used, used or handled.

8. BJ Services does not assume any liability or responsibility for the loss or damage to the well or other property caused by the use of any equipment or supplies used, used or handled, by the willful misconduct or gross negligence of BJ Services.

9. When used by BJ Services, the well or other property shall be used in accordance with the terms and conditions of the well or other property, and the well or other property shall be used in accordance with the terms and conditions of the well or other property.

10. In the event of a drilling operation, the well or other property shall be used in accordance with the terms and conditions of the well or other property.

WARRANTY. BJ Services warrants that the services and materials furnished by it are free from defects in material and workmanship under normal use and service. BJ Services shall not be liable for any damage or injury to the well or other property caused by the use of any equipment or supplies used, used or handled, by the willful misconduct or gross negligence of BJ Services. BJ Services shall not be liable for any damage or injury to the well or other property caused by the use of any equipment or supplies used, used or handled, by the willful misconduct or gross negligence of BJ Services. BJ Services shall not be liable for any damage or injury to the well or other property caused by the use of any equipment or supplies used, used or handled, by the willful misconduct or gross negligence of BJ Services.

BJ-TITAN SERVICES

P O BOX 4442 HOUSTON, TX 77210

ORIGINAL CEMENTING LOG

STAGE NO

Date _____ District DTB-2 Ticket No. 635703
 Company H / L Rig 1
 Lease H Well No. 2
 County 281 State KS
 Location 281-14 5 Field _____

CEMENT DATA: Red 1
 Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

CASING DATA PTA Squeeze
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

LEAD: Pump Time _____ hrs. Type _____
120/15 Excess _____
 Amt. 100 Sks Yield 1.84 ft³/sk Density 1.4 PPG

TAIL: Pump Time _____ hrs. Type _____
150/40 Excess _____
 Amt. 100 Sks Yield 1.291 ft³/sk Density 1.4 PPG
 WATER Lead 4 gals/sk Tail 50 gals/sk Total _____ Bbls

Casing Depths Top _____ Bottom _____

Pump Trucks Used 2034
 Bulk Equip. 355

Drill Pipe Size _____ Weight _____ Collars _____
 Open Hole Size _____ TD _____ ft PB to _____ ft

Float Equip: Manufacturer _____
 Shoe Type _____ Depth _____
 Float Type _____ Depth _____

CAPACITY FACTORS
 Casing Bbls/Lin ft 124 Lin ft/Bbl 111
 Open Holes Bbls/Lin ft _____ Lin ft/Bbl _____
 Drill Pipe Bbls/Lin ft _____ Lin ft/Bbl _____
 Annulus Bbls/Lin ft _____ Lin ft/Bbl _____
 Perforations From _____ ft. to _____ ft Amt. _____

Centralizers Quantity _____ Plugs Top _____ Btm _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type H 20 Amt. 12.9 Bbls Weight 9.3 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER 111

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						100-120-140 5-20-15 2800
						110-120-140 5-20-15 2800
						120-120-140 5-20-15 2800
						130-120-140 5-20-15 2800
						140-120-140 5-20-15 2800
						150-120-140 5-20-15 2800
						160-120-140 5-20-15 2800
						170-120-140 5-20-15 2800
						180-120-140 5-20-15 2800
						190-120-140 5-20-15 2800
						200-120-140 5-20-15 2800
						210-120-140 5-20-15 2800
						220-120-140 5-20-15 2800
						230-120-140 5-20-15 2800
						240-120-140 5-20-15 2800
						250-120-140 5-20-15 2800
						260-120-140 5-20-15 2800
						270-120-140 5-20-15 2800
						280-120-140 5-20-15 2800
						290-120-140 5-20-15 2800
						300-120-140 5-20-15 2800



ORIGINAL LOAD SHEET

JOB NUMBER	CONTRACT NUMBER	DATE 12-19-90	DISTRICT NAME
------------	-----------------	-------------------------	---------------

CUSTOMER NAME AND ADDRESS E. T. D...	DIRECT SHIPMENT FROM
	VENDOR NAME

Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
1						
2		3985				
3						
4		FE				
5						
6	0504	Common	EA	90		
7	5018	Common	EA	60		
8	0115	bolts	EA	2800		
9	5038	ACE	EA	800 + 500 on side		
10	5080	W-7	EA	750		
11						
12						
13		BC				
14						
15		Common	EA	90		
16		Common	EA	40		
17		ACE	EA	528		
18						
19						
20				13.6	FEB 12 1991	
21						
22						
23						
24						
25						
26						
27						

COPY 1 — DISTRICT COPY COPY 2 — CUSTOMER COPY COPY 3 — HOUSTON	LOADED BY: [Signature]	CUSTOMER: _____
	PRINTED: _____	SIGNATURE: _____
	SIGNATURE: [Signature]	DATE: _____



ORIGINAL

SERVICE OPERATIONS CONTRACT CONTINUATION

CONTRACT NO. 635703

DATE OF JOB	MM DD YY	DISTRICT	DIST. NO.	AUTHORIZED BY
	12 10 90	Dt Bend	3310	
CUSTOMER				
B-7 Inc				

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
1011001321	1	Price of job	1145 ⁰⁰	Exp	1145 ⁰⁰
10109005	18	PTM	2.35	lbs	42 ³⁰
10410504	180	Common	5.35	sf	963 ⁰⁰
10415018	100	porcup	2.79	sf	279 ⁰⁰
10420145	808	oil	.13	lb	105.04
10415038	1300	A-5	.11	lb	143 ⁰⁰
10415080	750	D-7	.38	lb	285 ⁰⁰
109401101	244 ⁸	Hauling (18x136)	.75	ton	183.60
1088101001	250	Handling & Dumping	1.10	sf	275 ⁰⁰
10430620	1	5 1/2 R.C Plug	60 ⁰⁰	ea	60 ⁰⁰
					3480.91

DATE FEB 2 1991

SERVICE REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
------------------------	---

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.

THE HISTORY OF THE

REPUBLIC OF THE UNITED STATES

The history of the Republic of the United States is a story of growth, struggle, and triumph. It begins with the first settlers who sought a new life in a new land.

The early years were marked by hardship and uncertainty, but the spirit of the pioneers was unyielding. They built a nation from scratch, one town at a time.

As the population grew, so did the challenges. The struggle for independence was a long and arduous one, but the people of the United States were determined to break free from British rule.

The American Revolution was a turning point in the nation's history. It was a fight for freedom, for self-determination, and for a better way of life.

The Constitution was born, a document that would guide the nation for centuries to come. It was a masterpiece of political thought and a testament to the American people's desire for a just and equitable society.

The years following the Revolution were a time of rapid expansion and development. The United States grew from a small colony to a powerful nation, one that would soon be recognized as a global superpower.

The Civil War was a dark chapter in the nation's history, a conflict that tested the resolve of the American people and the strength of the Union. It was a war for the soul of the nation, a war that would ultimately lead to the abolition of slavery.

The Reconstruction era was a time of great change and progress. The United States emerged from the war as a more unified and powerful nation, one that was committed to the principles of equality and justice for all.

The late 19th and early 20th centuries were a time of rapid industrialization and technological advancement. The United States became a world leader in industry and innovation, a nation that was shaping the future of the world.

The World War era was a time of global conflict and sacrifice. The United States played a pivotal role in the war, and its actions helped to bring about a new world order.

The post-war years were a time of peace and prosperity. The United States emerged as a global superpower, one that was committed to the promotion of democracy and human rights around the world.

The Cold War era was a time of tension and conflict. The United States and the Soviet Union were locked in a struggle for global dominance, a struggle that would shape the course of the world for decades to come.

The Vietnam War was a dark chapter in the nation's history, a conflict that tested the resolve of the American people and the strength of the Union. It was a war that would ultimately lead to the withdrawal of American troops from Vietnam.

The 1960s and 1970s were a time of social change and progress. The United States emerged from the war as a more unified and powerful nation, one that was committed to the principles of equality and justice for all.

The Reagan era was a time of economic growth and technological advancement. The United States became a world leader in industry and innovation, a nation that was shaping the future of the world.

The 1980s and 1990s were a time of global conflict and sacrifice. The United States played a pivotal role in the war, and its actions helped to bring about a new world order.

The post-war years were a time of peace and prosperity. The United States emerged as a global superpower, one that was committed to the promotion of democracy and human rights around the world.

The Cold War era was a time of tension and conflict. The United States and the Soviet Union were locked in a struggle for global dominance, a struggle that would shape the course of the world for decades to come.

The Vietnam War was a dark chapter in the nation's history, a conflict that tested the resolve of the American people and the strength of the Union. It was a war that would ultimately lead to the withdrawal of American troops from Vietnam.

The 1960s and 1970s were a time of social change and progress. The United States emerged from the war as a more unified and powerful nation, one that was committed to the principles of equality and justice for all.

The Reagan era was a time of economic growth and technological advancement. The United States became a world leader in industry and innovation, a nation that was shaping the future of the world.

The 1980s and 1990s were a time of global conflict and sacrifice. The United States played a pivotal role in the war, and its actions helped to bring about a new world order.



P.O. Box 4442
Houston, Tx. 77210

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

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

ORIGINAL

DATE 12-12-90	SERVICE CONTRACT NO. 635624
------------------	--------------------------------

CUSTOMER ACCOUNT NO.	DIST NAME B-7 Qnc	NEW WELL <input type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE 0	JOB NUMBER
CUSTOMER B-7 Qnc	DIST NUMBER 3310	WELL NO. #2	LEASE NAME & FEDERAL OFFSHORE LEASE NO. Hall	
ADDRESS	COUNTY/PARISH Stafford	CODE 009	STATE TX	CODE 19
CITY	STATE	ZIP	FIELD NAME K-19 281 3'2w N/S	CITY CODE
AUTHORIZED BY: (Please Print)	ORDER NO.	WELL OWNER B-7 Qnc	MTA CODE	

STAGE NO.	JOB CODE 100	WORKING DEPTH 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	11:30 A	MM DD YY 12 12 90
TOTAL MEAS. DEPTH	SIZE HOLE 12 1/4	DEPTH FT	ARRIVED AT JOB	1:00 P	12 12 90
	SIZE & WT. CASING 8 5/8	DEPTH FT	START OPERATION		
	SIZE & WT. DRILL PIPE OR TUBING	DEPTH FT	FINISH OPERATION		
	PACKER DEPTH	FLUID PUMPED	TIME RELEASED		
			MILES FROM STATION TO WELL 64	SALESMAN NUMBER	

CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT

MAX. BPM	S/S EMPLOYEE NUMBER 62-8498
----------	--------------------------------

REMARKS

FEB 12 1991

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

SIGNED: *Richard W. [Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	QTY	PRICE EXTENSION
1 10110103104	1	Price of job	480.00	Set up on way	480.00
2 11011090105	32	PTM	2.35	way	75.20
3 11041105011	210	common	5.35	sq	1123.50
4 11041150118	140	zozmix	2.79	sq	390.60
5 11041150149	903	A-7	.46	lb	415.38
6 11042101145	602	gel	.13	lb	78.26
7 11094101101	5056	Hauling (32x15.8)	.75	ton	379.20
8 110881001011	350	Handling & Dumping	1.10	cu ft	385.00
9 11043103106	1	8 5/8 Serv WRC	700.00	ea	700.00
10 1104109161010	1	8 5/8 Basket	198.00	ea	198.00

SERVICE REPRESENTATIVE: *Mike Stos*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____

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.

BJ SERVICES TERMS AND CONDITIONS

EFFECTIVE 01/01/08

TERMS - Terms of payment for services and materials including bulk quantities are per. All unpaid bills are subject to maximum credit limit. Payment terms are net 30 days. Late fees apply in the event that Credit card payments are not received by the 15th of the month. BJ Services reserves the right to suspend service if payment is not received by the 15th of the month.

ACCOUNTS - All accounts are subject to credit review. Special financing programs are available. All accounts are subject to credit review. Accounts are subject to credit review.

CREDIT - Minimum satisfactory credit must be established. Cash payments will be required in advance.

OWNING OF EQUIPMENT - All equipment owned by the customer and from the wellhead through power should be able to be used and care should be taken to ensure that all equipment is properly maintained. All equipment is owned by the customer. All equipment is owned by the customer.

SALES TAXES - All sales are subject to applicable state and local taxes. All sales are subject to applicable state and local taxes.

ALL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE
In connection with services provided, the customer agrees to pay for any applicable taxes and fees. All information is subject to change without notice.

WARRANTY - All equipment is warranted for a period of 12 months. All equipment is warranted for a period of 12 months.

GENERAL - These terms and conditions apply to all services provided by BJ Services. All equipment is warranted for a period of 12 months.

CONSTITUTIONAL HISTORY

1875

The Constitution of the United States is a document that has shaped the nation's history and future. It is a living document that has been interpreted and amended over time. The framers of the Constitution were concerned with creating a government that would be both effective and just. They sought to balance the powers of the three branches of government: the executive, the legislative, and the judicial. They also sought to protect the rights of the individual and the states. The Constitution is a masterpiece of political engineering that has stood the test of time. It is a document that has inspired and guided the American people for over two centuries. The Constitution is a source of pride and a symbol of the American way of life. It is a document that has shaped the nation's history and future. It is a living document that has been interpreted and amended over time. The framers of the Constitution were concerned with creating a government that would be both effective and just. They sought to balance the powers of the three branches of government: the executive, the legislative, and the judicial. They also sought to protect the rights of the individual and the states. The Constitution is a masterpiece of political engineering that has stood the test of time. It is a document that has inspired and guided the American people for over two centuries. The Constitution is a source of pride and a symbol of the American way of life.

BJ-TITAN SERVICES

P O BOX 4442 HOUSTON, TX 77210

CEMENTING LOG

STAGE NO.

Date 12-12-90 District MTB Ticket No. 635624
 Company H-7 Rig 11111
 Lease H-20 Well No. #2
 County St. Louis State Mo
 Location K-11481 3'2W Field _____

CASING DATA PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 5/8 Type _____ Weight _____ Collar _____

Casing Depths Top _____ Bottom _____

Drill Pipe Size _____ Weight _____ Collars _____
 Open Hole Size _____ TD _____ ft P.B. to _____ ft

CAPACITY FACTORS
 Casing. Bbls/Lin ft 0.0637 Lin ft/Bbl 15.7
 Open Holes: Bbls/Lin ft _____ Lin ft/Bbl _____
 Drill Pipe: Bbls/Lin ft _____ Lin ft/Bbl _____
 Annulus: Bbls/Lin ft _____ Lin ft/Bbl _____
 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 _____
60/40 242 Excess _____

Amt 350 Sks Yield 1.242 ft³/sk Density 148 PPG

WATER Lead 5.6 gals/sk Tail 2 gals/sk Total 46.7 Bbls.

Pump Trucks Used 30

Bulk Equip. C-42-12

Float Equip. Manufacturer _____

Shoe Type _____ Depth _____

Float Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type H 2.0 Amt 286 Bbls. Weight 8.24 PPG

Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Mike Stas

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						<u>7</u>
						<u>Line 11 1/2 of 87' length. 470</u>
						<u>Cemented with 250 gal 60/40 (10)</u>
						<u>290 gal 30% A-7. Pumped plug</u>
						<u>To 450</u>
						<u>Cement dead (concrete)</u>
						<u>11/12/90</u>
						<u>FFO 12 1991</u>

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. THANK YOU