

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. 15-145-21,338-0000

County Pawnee

SW NE SW Sec. 36 Twp. 20 Rge. 16  East  West

1650 Ft. North from Southeast Corner of Section

3630 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name SCHMIDT Well # 1

Field Name Pawnee Rock Extension

Producing Formation None

Elevation: Ground 2016' KB 2027'

Total Depth 3870 RTD PBD

Operator: License # 03766

Name: B-7, Inc.

Address 1530 Valleyview Ct.

Wichita, KS 67212

City/State/Zip Wichita, KS 67212

Purchaser: None

Operator Contact Person: Joe Brougher

Phone (316) 721-5190

Contractor: Name: Turnco Drilling, Inc.

License: 30517

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 OWO: old well info as follows:

Operator: \_\_\_\_\_

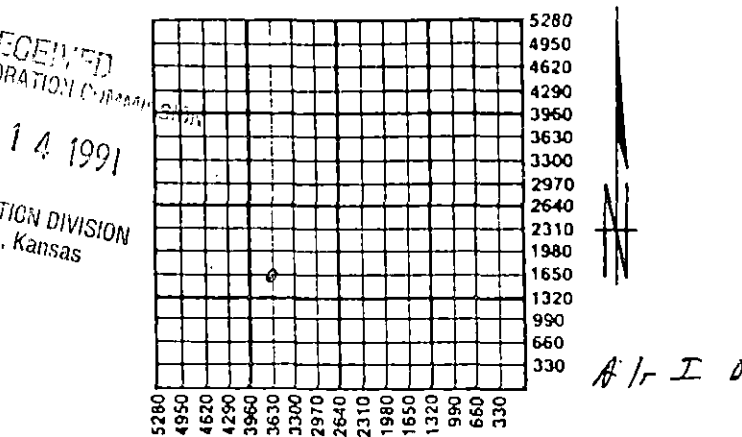
Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

Spud Date 11-10-90 Date Reached TD 11-18-90 Completion Date 11-18-90



Amount of Surface Pipe Set and Cemented at 1060 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 1-7-91

Subscribed and sworn to before me this 7th day of January, 1991.

Notary Public Jacquelyn B. Monroe

Date Commission Expires \_\_\_\_\_

NOTARY PUBLIC-STATE OF KANSAS  
**JACQUELYN B. MONROE**  
My Appt. Exp. 3-17-91

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)

**SIDE TWO**

Operator Name B-7, Inc. Lease Name SCHMIDT Well # 1  
 Sec. 36 Twp. 20S Rge. 16  East County Pawnee  
 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 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;"><b>Formation Description</b></p> <p style="text-align: center;"><input type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Sample</th> <th style="text-align: left;">Log Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr><td>Anhydrite</td><td>1027'</td><td>1032'</td><td>+ 995</td></tr> <tr><td>Heebner</td><td>3352'</td><td>3352'</td><td>-1325</td></tr> <tr><td>Toronto</td><td>3367'</td><td>3370'</td><td>-1343</td></tr> <tr><td>Douglas</td><td>3378'</td><td>3380'</td><td>-1353</td></tr> <tr><td>Brown Lime</td><td>3441'</td><td>3442'</td><td>-1415</td></tr> <tr><td>Lansing</td><td>3452'</td><td>3454'</td><td>-1427</td></tr> <tr><td>Base K.C.</td><td>3691'</td><td>3692'</td><td>-1665</td></tr> <tr><td>Arbuckle</td><td>3782'</td><td>3784'</td><td>-1757</td></tr> <tr><td>Rotary T.D.</td><td>3870'</td><td></td><td>-1843</td></tr> <tr><td>Log T.D.</td><td></td><td>3875'</td><td>-1848</td></tr> </tbody> </table>	Name	Sample	Log Top	Bottom	Anhydrite	1027'	1032'	+ 995	Heebner	3352'	3352'	-1325	Toronto	3367'	3370'	-1343	Douglas	3378'	3380'	-1353	Brown Lime	3441'	3442'	-1415	Lansing	3452'	3454'	-1427	Base K.C.	3691'	3692'	-1665	Arbuckle	3782'	3784'	-1757	Rotary T.D.	3870'		-1843	Log T.D.		3875'	-1848
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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 1/2"	8 5/8"	23#	1060'	60/40 Poz	400	3%cc; 2% gel

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

<b>TUBING RECORD</b>	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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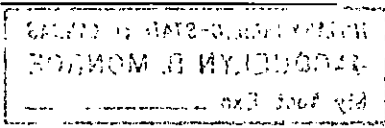
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

**METHOD OF COMPLETION**

Open Hole  Perforation  Dually Completed  Commingled

Other (Specify) P/A



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15.145.21338.0000

FORMATION TOPS:

FORMATION	SAMPLE	LOG	DATUM
ANHYDRITE	1027'	1032'	+ 995
HEEBNER	3352'	3352'	-1325
TORONTO	3367'	3370'	-1343
DOUGLAS	3378'	3380'	-1353
BROWN LIME	3441'	3442'	-1415
LANSING	3452'	3454'	-1427
BASE K.C.	3691'	3692'	-1665
ARBUCKLE	3782'	3784'	-1757
ROTARY TOTAL DEPTH	3870'	****	-1843
LOG TOTAL DEPTH	****	3875'	-1848

SAMPLE DESCRIPTIONS AND TEST DATA:

(All depths have been corrected to log measurements.)

LANSING-KANSAS CITY:

- 3456-3461 Limestone, tan and cream, finely crystalline, oolitic and oolitic, with good oolitic porosity, slightly chalky, no shows of oil were noted.
- 3521-3557 Limestone, tan and cream, very finely crystalline, oolitic and oolitic, with good oolitic porosity, no shows of oil were noted.
- 3589-3597 Limestone, tan, finely crystalline, oolitic and oolitic, slightly chalky, with good oolitic porosity, no shows of oil were noted.
- 3633-3638 Limestone, tan and gray, finely crystalline, dense, slightly chalky, fossiliferous, with fair to poor fossiliferous porosity, no shows of oil were noted.
- 3654-3659 Limestone, tan, gray and white, very finely crystalline, fossiliferous, chalky, slightly oolitic, poor visible pinhole porosity, no shows of oil were noted.

STATE OF KANSAS  
 GEOLOGICAL COMMISSION  
 JAN 14 1991  
 CONSERVATION DIVISION  
 Wichita, Kansas

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ARBUCKLE:

3784-3786 Dolomite, tan, finely crystalline, slightly oolitic, with fair to good intercrystalline and oolitic porosity, slight show of free oil, good odor. (Covered by D.S.T. No. 1)

FORMATION TEST NO. 1

3691-3786

Strong blow	30 min.	I.H.P.	1750#
		I.F.P.	110#-126#
	30 min.	I.S.I.P.	482#
Strong blow	30 min.	F.F.P.	186#-186#
	30 min.	F.S.I.P.	392#
		F.H.P.	1734#

RECOVERY: 500' gas in pipe.  
280' oil and gas cut mud.

TEMPERATURE: 114°

3786-3788 Dolomite, tan and gray, fine to medium crystalline, rhombic in part, slightly oolitic, with good intercrystalline porosity, fair staining and saturation, good show of free oil, good odor. (Covered by D.S.T. No. 2 & 3)

FORMATION TEST NO. 2

3783-3788

Mis-run, tool plugged.

FORMATION TEST NO. 3

3692-3788

Strong blow	45 min.	I.H.P.	1770#
		I.F.P.	122#-220#
	45 min.	I.S.I.P.	1030#
Strong blow	45 min.	F.F.P.	308#-320#
	45 min.	F.S.I.P.	936#
		F.H.P.	1746#

RECOVERY: 90' gas cut mud.  
250' gas and very slightly oil cut mud.  
300' slightly gas and water cut mud. (10% gas, 20% water, 70% mud)

CHLORIDES: 25,000 P.P.M.

TEMPERATURE: 116°

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Wichita, Kansas



ARBUCKLE: (Cont.)

3789-3795 Dolomite, tan and cream, fine to medium crystalline, some coarse, rhombic, with good intercrystalline porosity, fair staining and saturation; fair show of free oil, good odor. (Covered by D.S.T. No. 4)

FORMATION TEST NO. 4

3789-3795

		I.H.P.	1869#
Strong blow	30 min.	I.F.P.	120#-200#
	30 min.	I.S.I.P.	1230#
Strong blow	30 min.	F.F.P.	300#-330#
	30 min.	F.S.I.P.	1230#
		F.H.P.	1842#

RECOVERY: 120' slightly oil and gas cut watery mud.  
600' gassy water.

CHLORIDES: 22,000 P.P.M.

TEMPERATURE: 116°

No shows of oil were observed from below 3795'.

FORMATION TEST NO. 5

3785-3790 (Straddle Test)

		I.H.P.	1846#
Strong blow	60 min.	I.F.P.	110#-180#
	30 min.	I.S.I.P.	1140#
Strong blow	60 min.	F.F.P.	Clock Stopped
	30 min.	F.S.I.P.	Clock Stopped
		F.H.P.	1822#

RECOVERY: 1,200' gas in pipe.  
60' slightly oil cut gassy mud.  
600' gassy water.

CHLORIDES: 23,000 P.P.M.

TEMPERATURE: 114°

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CONSERVATION DIVISION  
Wichita, Kansas

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DRILLERS LOG

SCHMIDT #1, API#15-145-21,338  
SW NE SW 36-20-16  
Pawnee County, Kansas

0'	to	373'	Shale & Sand
373'	to	1025'	Sand & Shale
1025'	to	1058'	Sand & Shale
1058'	to	1495'	Shale & Sand
1495'	to	1980'	Sand & Shale
1980'	to	2235'	Sand & Shale
2235'	to	2410'	Shale & Sand
2410'	to	2708'	Shale
2708'	to	2886'	Shale
2886'	to	3095'	Lime & Shale
3095'	to	3390'	Lime & Shale
3390'	to	3490'	Shale & Lime
3490'	to	3655'	Lime & Shale
3655'	to	3783'	Lime & Shale
3783'	to	3870'	Arbuckle
3870'			Rotary Total Depth

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CONSERVATION DIVISION  
Wichita, Kansas



P.O. Box 4442  
Houston, Texas 77210

# ORIGINAL CEMENTING LOG

15.145.21338.0000

STAGE NO.

Date 11-18-90 District MT Bend Ticket No. 635610  
 Company B-7 One Rig 62041  
 Lease Schmidt Well No. 1  
 County Lawrence State KS  
 Location P.R. 4W 4W 1/2 S Field \_\_\_\_\_

CASING DATA:  PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbbls/Lin. ft. 0.142 Lin. ft./Bbl. 70.3  
 Annulus: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
60/11069 Excess \_\_\_\_\_  
 Amt. 1.50 Sks Yield 1.53 ft<sup>3</sup>/sk Density 13.3 PPG \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_  
 WATER: Lead 2.66 gals/sk Tail 1 gals/sk Total \_\_\_\_\_ Bbbls.

Pump Trucks Used 33  
 Bulk Equip. 54212 Bulb

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbbls. Weight \_\_\_\_\_ PPG \_\_\_\_\_  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER Mark Plus

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbls Min	
						all cement to 41 6 1/2" off
						40 x @ 3780'
						50 x @ 1070'
						25 x @ 40'
						15 x & H.
						10 x MH
						thanks

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

Form No. SR 0502 (Rev. 3/90)

Note: Must accompany job ticket.



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

DATE 11-18-90	SERVICE CONTRACT NO. 635610
------------------	--------------------------------

CUSTOMER ACCOUNT NO.	DIST NAME B-7 Inc	NEW WELL <input type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE 0	JOB NUMBER
CUSTOMER B-7 Inc	DIST NUMBER 3310	WELL NO. #1	LEASE NAME & FEDERAL OFFSHORE LEASE NO. Schmidt	
ADDRESS		COUNTY/PARISH Pawnee	CODE 009	STATE OK
CITY	STATE	ZIP	FIELD NAME Pawnee Loc 1/2 N 4 W 1/2 S	CITY CODE
AUTHORIZED BY: (Please Print)		ORDER NO.	WELL OWNER B-7 Inc	MTA CODE

STAGE NO.	JOB CODE 115	WORKING DEPTH 3780	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	8:00 A	MM DD YY 11 18 90
TOTAL MEAS. DEPTH	SIZE HOLE 7 7/8	DEPTH	FT	ARRIVED AT JOB	11:45 A	
	SIZE & WT. CASING	DEPTH	FT	START OPERATION	11:45 A	
	SIZE & WT. DRILL PIPE OR TUBING	DEPTH	FT	FINISH OPERATION	3:30 P	11 18 90
	PACKER DEPTH	FLUID PUMPED		TIME RELEASED		
				MILES FROM STATION TO WELL 34	SALESMAN NUMBER	

CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT

MAX. BPM

S/S EMPLOYEE NUMBER  
62-8498

REMARKS

**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 J. Samara  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
	1	Price of job	650 <sup>00</sup>	Set up	650 <sup>00</sup>
110110910015	17	PTM	2.35	one way	39.95
104110151014	90	common	5.35	dx	481.50
110411510118	60	pozzmix	2.79	1/4	167.40
110421011415	774	gel	.13	1/4	100.62
110941011011	115.6	Hauling (17x6.8)	.75	1/4 mile	86.70
1108810001	150	Hardening & Dumping	1.10	1/4	165 <sup>00</sup>
104310538	1	8 3/8 Day Hole Plug	12 <sup>00</sup>	ea	12 <sup>00</sup>
					1703.17

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.

**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 thereof, 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 or the furnishing of materials, products, 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 spills, pollution, sub-surface damage or surface damage, injury to the well, reservoir loss, or damage arising from a well blow-out; 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 damages occurring as a result of sub-surface trespass arising out of any oil well fracturing operations or services performed by BJ Services, this provision applying to any claims or legal actions of royalty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

4. BJ Services does not assume any liability or responsibility for damages or conditions resulting from chemical action in the cements caused by the contamination of water or other fluids.

5a. Should any of BJ Services' tools, equipment, or instruments become lost in the well or damaged when performing or attempting to perform services, customer shall either recover such lost items without cost to BJ Services or reimburse BJ Services for the reasonable value of such tools, equipment or instruments; unless such loss or damage is caused by the sole negligence of BJ Services.

5b. In addition to the above, in case of loss or damage to tools, equipment, or instruments used for marine operations, customer shall either recover such lost items without cost to BJ Services or reimburse BJ Services for such loss or damage which occurs at any time after delivery to the customer at the landing until returned to BJ Services at the landing; unless such loss or damage is caused by the sole negligence of BJ Services.

6. BJ Services does not guaranty or warrant the success of the effectiveness of the result of any of its services, materials, products or supplies used, sold or furnished.

7. BJ Services does not guaranty or warrant the accuracy or correctness of any facts, information or data furnished by BJ Services; unless caused by the willful misconduct or gross negligence of BJ Services in the preparation, furnishing of such facts, information or data.

8. Work done by BJ Services shall be under the direction, supervision and control of the owner, operator, or his agent and BJ Services will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

9. In no event shall Company be liable for consequential and/or special damages, loss of profits, loss of product or use.

**WARRANTY PROVISIONS.** BJ Services warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended. BJ Services' obligation under this warranty is expressly limited to repair, replacement or allowance of credit, at its option, for any materials, product or supplies which are determined by BJ Services to be defective. This is the sole warranty of BJ Services and no other warranty is applicable, either express or implied, in fact or by law, including any warranty as to merchantability or fitness for a particular use or purpose. Customer's sole and only remedy in regard to any defective materials, products or supplies shall be the repair or replacement thereof or allowance of credit as herein provided, and BJ Services shall not be liable for any consequential, special, incidental or punitive damages resulting from or caused by any defective materials, products or supplies.

100.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
86.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
153.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1705.17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

THE ABOVE MATERIAL AND SERVICE  
ORDERED BY CUSTOMER AND RECEIVED BY





B.J. TITAN SERVICES  
LOAD SHEET

15.145.21338.0000

ORIGINAL

JOB NUMBER	CONTRACT NUMBER	DATE	DIRECT SHIPMENT FROM	DISTRICT NAME
		11-18-90		

CUSTOMER NAME AND ADDRESS	DIRECT SHIPMENT FROM
B-7 Inve	VENDOR NAME

Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
1						
2		54212				
3						
4		FC				
5						
6		Common	sk	90		
7		Posmud	sk	60		
8		gel	lb	774		
9						
10				13674		
11						
12						
13				6.8 tons		
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 14 1991  
CONSERVATION DIVISION  
Wichita, Kansas

COPY 1 — DISTRICT COPY COPY 2 — CUSTOMER COPY COPY 3 — HOUSTON	LOADED BY: <i>Mike</i>	CUSTOMER: <i>Rick J. Sanchez</i>
	PRINTED	SIGNATURE
	SIGNATURE	DATE



P.O. Box 4442  
Houston, Tx. 77210

ORIGINAL

**SERVICE OPERATIONS CONTRACT**  
TERMS NET 30 DAYS FROM DATE OF CONTRACT

REMIT TO: P.O. Box 100806, Houston, Tx. 77242

DATE 11-11-90	SERVICE CONTRACT NO. 635606
NEW WELL <input type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE 0
WELL NO. 1	LEASE NAME & FEDERAL OFFSHORE LEASE NO. Schmidt
COUNTY/PARISH Pawnee	CODE 009
STATE 16	CODE 14
CITY Pawnee	FIELD NAME Pawnee Lock 1/2 4w 23 E 15
WELL OWNER B-7 Inc	MTA CODE
STAGE NO.	JOB CODE 100
WORKING DEPTH 1054 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) 8:00 A
TOTAL PREV. GALS.	TRUCK CALLED 11/11/90
SIZE HOLE 12 1/4	DEPTH 1054 FT
ARRIVED AT JOB 10:00 A	START OPERATION 1:00 P
TOTAL MEAS. DEPTH 8420 FT	FINISH OPERATION 12:15 P
DATE 11/11/90	TIME RELEASED
SIZE & WT. DRILL PIPE OR TUBING	DEPTH
PACKER DEPTH	FLUID PUMPED
MILES FROM STATION TO WELL 34	SALESMAN NUMBER

CUSTOMER ACCOUNT NO.	DIST NAME B-7 Inc
CUSTOMER B-7 Inc	DIST NUMBER 3310
ADDRESS	CITY Pawnee
CITY	STATE 16
AUTHORIZED BY: (Please Print)	ORDER NO.
STAGE NO.	JOB CODE 100
WORKING DEPTH 1054 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) 8:00 A
TOTAL PREV. GALS.	TRUCK CALLED 11/11/90
SIZE HOLE 12 1/4	DEPTH 1054 FT
ARRIVED AT JOB 10:00 A	START OPERATION 1:00 P
TOTAL MEAS. DEPTH 8420 FT	FINISH OPERATION 12:15 P
DATE 11/11/90	TIME RELEASED
SIZE & WT. DRILL PIPE OR TUBING	DEPTH
PACKER DEPTH	FLUID PUMPED
MILES FROM STATION TO WELL 34	SALESMAN NUMBER

CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT

MAX. BPM

S/S EMPLOYEE NUMBER  
62-8498

REMARKS

**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

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 14 1991  
CONSERVATION DIVISION  
Wichita, Kansas

SERVICE REPRESENTATIVE

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Ronald J. Samara*

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACT 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 thereof, 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 or the furnishing of materials, products, 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 spills, pollution, sub-surface damage or surface damage, injury to the well, reservoir loss, or damage arising from a well blow-out; 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 damages occurring as a result of sub-surface trespass arising out of any oil well fracturing operations or services performed by BJ Services, this provision applying to any claims or legal actions of royalty-owners, working interest holders, over-riding royalty interest holders, or any other person or concern.

4. BJ Services does not assume any liability or responsibility for damages or conditions resulting from chemical action in the cements caused by the contamination of water or other fluids.

5a. Should any of BJ Services' tools, equipment, or instruments become lost in the well or damaged when performing or attempting to perform services, customer shall either recover such lost items without cost to BJ Services or reimburse BJ Services for the reasonable value of such tools, equipment or instruments; unless such loss or damage is caused by the sole negligence of BJ Services.

5b. In addition to the above, in case of loss or damage to tools, equipment, or instruments used for marine operations, customer shall either recover such lost items without cost to BJ Services or reimburse BJ Services for such loss or damage which occurs at any time after delivery to the customer at the landing until returned to BJ Services at the landing; unless such loss or damage is caused by the sole negligence of BJ Services.

6. BJ Services does not guaranty or warrant the success of the effectiveness of the result of any of its services, materials, products or supplies used, sold or furnished.

7. BJ Services does not guaranty or warrant the accuracy or correctness of any facts, information or data furnished by BJ Services; unless caused by the willful misconduct or gross negligence of BJ Services in the preparation, furnishing of such facts, information or data.

8. Work done by BJ Services shall be under the direction, supervision and control of the owner, operator, or his agent and BJ Services will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

9. In no event shall Company be liable for consequential and/or special damages, loss of profits, loss of product or use.

**WARRANTY PROVISIONS.** BJ Services warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended. BJ Services' obligation under this warranty is expressly limited to repair, replacement or allowance of credit, at its option, for any materials, product or supplies which are determined by BJ Services to be defective. This is the sole warranty of BJ Services and no other warranty is applicable, either express or implied, in fact or by law, including any warranty as to merchantability or fitness for a particular use or purpose. Customer's sole and only remedy in regard to any defective materials, products or supplies shall be the repair or replacement thereof or allowance of credit as herein provided, and BJ Services shall not be liable for any consequential, special, incidental or punitive damages resulting from or caused by any defective materials, products or supplies.

THE ABOVE MATERIAL AND SERVICES  
ORDERED BY CUSTOMER AND RECEIVED BY

*Ronald Brown*







SERVICE OPERATIONS CONTRACT  
CONTINUATION

CONTRACT NO. **635606**

DATE OF JOB	MM DD YY	DISTRICT	DIST. NO.	AUTHORIZED BY
	11 11 1990	DT Bend	3310	
CUSTOMER				
B-7 2nc				

ORIGINAL

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
11011010131018	1	Price of job	835 <sup>00</sup>	set up	835 <sup>00</sup>
101109101005	17	PTM	2.35	other way	39.95
110411015104	240	Common	5.35	dx	1284.00
110411510118	160	permix	2.79	gal	446.40
110411510149	1032	A-7	.46	lb	474.72
11042101145	688	gel	.13	lb	89.44
110941011101	307.7	Hauling (17x18.1.)	.75	per mile	230.78
110881010101	400	Handling & Dumping	1.10	cu yd	440.00
11043101636	1	8 3/8 RC Plug	95 <sup>00</sup>	ea	95.00
					3935.29
		fuel charge	2.5%		

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 14 1991  
CONSERVATION DIVISION  
Wichita, Kansas

SERVICE REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
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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 thereof, 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 or the furnishing of materials, products, 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 spills, pollution, sub-surface damage or surface damage, injury to the well, reservoir loss, or damage arising from a well blow-out; 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 damages occurring as a result of sub-surface trespass arising out of any oil well fracturing operations or services performed by BJ Services, this provision applying to any claims or legal actions of royalty owners, working interest holders, over-riding royalty interest holders, or any other person or concern.

4. BJ Services does not assume any liability or responsibility for damages or conditions resulting from chemical action in the cements caused by the contamination of water or other fluids.

5a. Should any of BJ Services' tools, equipment, or instruments become lost in the well or damaged when performing or attempting to perform services, customer shall either recover such lost items without cost to BJ Services or reimburse BJ Services for the reasonable value of such tools, equipment or instruments; unless such loss or damage is caused by the sole negligence of BJ Services.

5b. In addition to the above, in case of loss or damage to tools, equipment, or instruments used for marine operations, customer shall either recover such lost items without cost to BJ Services or reimburse BJ Services for such loss or damage which occurs at any time after delivery to the customer at the landing until returned to BJ Services at the landing; unless such loss or damage is caused by the sole negligence of BJ Services.

6. BJ Services does not guaranty or warrant the success of the effectiveness of the result of any of its services, materials, products or supplies used, sold or furnished.

7. BJ Services does not guaranty or warrant the accuracy or correctness of any facts, information or data furnished by BJ Services; unless caused by the willful misconduct or gross negligence of BJ Services in the preparation, furnishing of such facts, information or data.

8. Work done by BJ Services shall be under the direction, supervision and control of the owner, operator, or his agent and BJ Services will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

9. In no event shall Company be liable for consequential and/or special damages, loss of profits, loss of product or use.

**WARRANTY PROVISIONS.** BJ Services warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended. BJ Services' obligation under this warranty is expressly limited to repair, replacement or allowance of credit, at its option, for any materials, product or supplies which are determined by BJ Services to be defective. This is the sole warranty of BJ Services and no other warranty is applicable, either express or implied, in fact or by law, including any warranty as to merchantability or fitness for a particular use or purpose. Customer's sole and only remedy in regard to any defective materials, products or supplies shall be the repair or replacement thereof or allowance of credit as herein provided, and BJ Services shall not be liable for any consequential, special, incidental or punitive damages resulting from or caused by any defective materials, products or supplies.