

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 # 9324  
Name: JFW, Inc.  
Address RR 1 Box 26  
Plevna, KS 67568  
Purchaser: Peoples Gas  
Operator Contact Person: Elsie McNemee  
Phone (316) 286-5318  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: Walter Scott Alberg

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  
8-3-89 8-8-89 9-18-89  
Spud Date Date Reached TD Completion Date

API NO. 15- 159-22,264-0000  
County Rice  
NW SW NW Sec. 18 Twp. 21 Rge. 8  East  
3630 Ft. North from Southeast Corner of Section  
4950 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)  
Lease Name Jr. Fitzpatrick Well # 2  
Field Name McClintock  
Producing Formation Mississippi  
Elevation: Ground 1655' KB 1660  
Total Depth 3500' PBDT 3452'

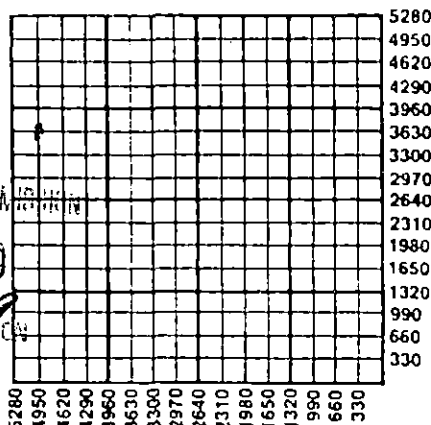
RECEIVED

STATE CORPORATION COMMISSION

DEC 12 1989

12-12-89

Wichita, Kansas



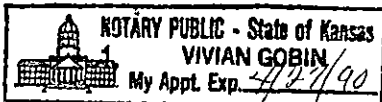
Amount of Surface Pipe Set and Cemented at 210 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**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 Elsie L. McNemee  
Title Pres. Date 9-30-89  
Subscribed and sworn to before me this 30 day of Sept, 19 89.  
Notary Public Vivian Gobin  
Date Commission Expires 4-27-1990

K.C.C. OFFICE USE ONLY		
<input type="checkbox"/> F	Letter of Confidentiality Attached	
<input checked="" type="checkbox"/> C	Wireline Log Received	
<input type="checkbox"/> C	Drillers Timelog Received	
Distribution		
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)



f p1

**SIDE TWO**

Operator Name JFW, Inc. Lease Name Jr. Fitzpatrick Well # 2  
 Sec. 18 Twp. 21 Rge. 8  East  West  
 County Rice

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)  
 DST #1 3288-3315  
 Mississippian Times 30-60-30-60.  
 IFP 36-38# strong blow ICIP 1062#  
 FFP 38-38# strong blow FCIP 1031#  
 IHP/FHP 1725/1707#  
 Recovered 30' GCM GTS 25 min. 1st opening  
 25 min. 10,000 CF. 2nd opening 31,300 CF.

Name	Formation Description	
	Top	Bottom
Topeka	2494	(-834)
Heebner	2795	(-1135)
Brown Lime	2931	(-1271)
Lansing	2958	(-1298)
Mississippi	3289	(-1628)
Kinderhook Shale	3326	(-1666)

**CASING RECORD**  New  Used  
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/2"	8-5/8"	20#	210'	60/40poz	145	2% gel 3% cc.
Production	7-7/8"	4 1/2"	10.5#	3486'	HowcoLite	200	18% salt .6% Halad
					50/50poz	125	5# Gilsonite

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 shots	3291- 3293	17 bbl. 15% D S Fe acid	
1 per ft	3294-3300'	frac 505 bbls gelled KCL water	
		105 sx 20/40 sand & 115 sx 12/20 sand	3291-3300'

**TUBING RECORD** Size 2 3/8 Set At 3319.25' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_  
 Estimated Production Per 24 Hours  
 Oil Bbls. -0 Gas Mcf 1,500 Water Bbls. 5 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) \_\_\_\_\_

ORIGINAL



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

HALLIBURTON SERVICES

INVOICE

INVOICE NO.	DATE
823053	08/08/1989

15-159-22264-0000

A Halliburton Company

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
FITZPATRICK 2	RICE	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
GREAT BEND	DUKE DRILLING CO.	CEMENT PRODUCTION CASING	08/08/1989
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
430809	JOHN CECIL		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	80625

DIRECT CORRESPONDENCE TO:

J F W INC  
RURAL ROUTE 1, BOX 26  
PLEVNA, KS 67568

SUITE 600  
COLORADO DERBY BUILDING  
WICHITA, KS 67202-0000

RECEIVED

PRICE REF. NO.	DESCRIPTION	STATE	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT						
000-117	MILEAGE		12	MI	2.20	81.40
001-016	CEMENTING CASING	CO	1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP		4 1/2	IN	44.00	44.00 *
12A	GUIDE SHOE - 4 1/2" 8RD THD.		1	EA	83.00	83.00 *
825.201			1	EA	73.00	73.00 *
24A	INSERT FLOAT VALVE - 4 1/2" 8RD		1	EA	73.00	73.00 *
815.1910			1	EA	27.50	27.50 *
27	FILL-UP UNIT 4 1/2"-5"		1	EA	27.50	27.50 *
815.19113			1	EA	27.50	27.50 *
40	CENTRALIZER 4-1/2" MODEL S-4		8	EA	41.00	328.00 *
807.93004			8	EA	41.00	328.00 *
320	CEMENT BASKET 4 1/2"		2	EA	85.00	170.00 *
800.8881			2	EA	85.00	170.00 *
018-317	SUPER FLUSH		12	SK	72.00	864.00
314-153	POTASSIUM CHLORIDE		350	LB	.22	77.00
504-316	HALLIBURTON LIGHT W/STANDARD		200	SK	4.82	964.00 *
504-308	STANDARD CEMENT		63	SK	5.35	337.05 *
506-105	POZMIX A		62	SK	2.79	172.98 *
506-121	HALLIBURTON-GEL 2%		2	SK	.00	N/C *
509-968	SALT		1100	LB	.052	57.20 *
508-291	GILSONITE		650	LB	.35	227.50 *
507-775	HALAD-322		63	LB	5.50	346.50 *
500-207	BULK SERVICE CHARGE		354	CFT	.95	336.30 *
500-306	MILEAGE CMTG MAT DEL OR RETURN		572.82	TMI	.70	400.97 *
	INVOICE SUBTOTAL					5,580.40

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

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

PHONE:  
AREA CODE 913 489-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31  
RUSSELL, KANSAS 67685

15-159-22264-0000

TO: Duke Drilling Company  
Box 823  
Great Bend, Kansas 67530

INVOICE NO. 54531  
PURCHASE ORDER NO. \_\_\_\_\_  
LEASE NAME JR Fitzpatrick #2  
DATE Aug. 3, 1989

SERVICE AND MATERIALS AS FOLLOWS:

Common 87 sks @\$5.00	\$ 435.00
Pozmix 58 sks @\$2.25	130.50
Gel 3 sks @\$6.75	20.25
Chloride 5 sks @\$20.00	<u>100.00</u>
Handling 145 sks @\$0.90	130.50
Mileage (37) @\$0.03c per sk per mi	160.95
Surface	360.00
Mi @\$1.00 pmp. trk.	37.00
1 plug	<u>40.00</u>

\$ 685.75

728.45

Total

\$ 1,414.20

Cement circ.

RECEIVED  
STATE COMMISSION

DEC 12 1989

CONSTRUCTION DIVISION  
Wichita, Kansas

2828.40

THANK YOU

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1% PERCENT CHARGED THEREAFTER

ADDENDUM

RELEASE OF ACREAGE

The undersigned make this addendum to the Gas Purchase Agreement (Contract) dated the 16th day of November, 1984, (PNG CR#48298) between PEOPLES NATURAL GAS COMPANY, Division of UtiliCorp United, Inc. (Buyer), and JFW, INC. (Seller) as follows:

*Fitzpatrick  
#1 well*

Buyer releases from the Contract and from the dedicated acreage thereunder the following acreage located in Rice County, Kansas:

<u>Unit Name</u>	<u>Description of Acreage</u>	<u>Gross Acres</u>
#2 JR Fitzpatrick	S/2 NW/4 Sec. 18-21S-8W	80

THIS ADDENDUM is effective as of September 25, 1989.

RECEIVED  
STATE DEPARTMENT OF REVENUE  
COMMISSION

NOV 21 1989

CONSERVATION DIVISION  
Wichita, Kansas

Attest:

BUYER: PEOPLES NATURAL GAS COMPANY,  
Division of UtiliCorp United Inc.

K. M. Ringblow  
Asst Secretary

By: P. B. Tvrdik  
Penelope B. Tvrdik. V.P. Gas Supply

Attest:

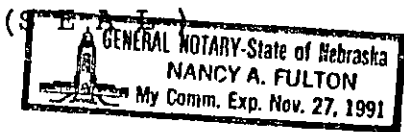
SELLER: JFW, INC.

Elsie L. McNamee  
Title Secretary

By: Elsie L. McNamee  
Title President

STATE OF Nebraska )  
COUNTY OF Douglas ) ss.

The foregoing instrument was acknowledged before me this 30th day of October, 1989 by P. B. Tvrdik, and K. M. Ringblom, Vice President and Assistant Secretary, respectively of Peoples Natural Gas Company, Division of UtiliCorp United Inc. a Delaware Corporation, on behalf of the Corporation.



Nancy A. Fulton  
Notary Public

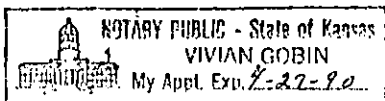
My appointment expires on Nov 27, 1991.

\*\*\*\*\*

STATE OF Kansas )  
COUNTY OF Renew ) ss.

The foregoing instrument was acknowledged before me this 28 day of September, 1989 by Elsie L. McNamee and Elsie L. McNamee, President and \_\_\_\_\_ Secretary, respectively of JFW, Inc. a Kansas Corporation, on behalf of the corporation.

(S E A L)



Vivian Gobin  
Notary Public

My appointment expires on 4/27/90.

RECEIVED  
STATE CORPORATION COMMISSION

NOV 21 1989

CONSERVATION DIVISION  
Wichita, Kansas