

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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 ~~XXXXXXXXXXXX~~
1014 N. Huntsville Rd.
City/State/Zip Plevna, KS 67568
Purchaser: NCRA & Peoples Nat'l Gas
Operator Contact Person: Elsie McNemee
Phone (316) 286-5318
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: W. Scott Alberg
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIDW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
11-23-92 11-30-92 Mud delay 3/17/93
Spud Date 11-30-92 Date Reached TD 3/17/93 Completion Date

API NO. 15- 155-21,233-0500 MAR 20
County Reno
45'E of NW NE NE Sec. 30 Twp. 23 Rge. 10 E
4950 Feet from S/W (circle one) Line of Section
945 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Nunnemaker Well # 1
Field Name Zenith- Peace Creek
Producing Formation Viola
Elevation: Ground 1797 KB 1801
Total Depth 3857 PBSD _____
Amount of Surface Pipe Set and Cemented at 207 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.

Drilling Fluid Management Plan PL-1 4-15-93
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Desulfuring method used hauling
Location of fluid disposal if hauled offsite: _____
Operator Name Gee Oil Co
Lease Name Rogers License No. 03546
NW Quarter Sec. 34 Twp. 23S S Rng. 13W #/W
County Stafford Docket No. 23350

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been read and understood with and the statements herein are complete and correct to the best of my knowledge.
Signature Elsie L. McNemee
Title President Date 3/20/93
Subscribed and sworn to before me this 20 day of March 19 93.
Notary Public Vivian Gobin RELEASED
Date Commission Expires April 27, 1994

NOTARY PUBLIC - State of Kansas
VIVIAN GOBIN
My Appt. Exp. 4/27/94

STATE CORPORATION COMMISSION
4-15-93 APR 15 1993
K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Geologist Report Received
Distribution
 KCC SWD/Rep NSPA
 KGS Plug Other
MAR 23 1993
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas

FROM CONFIDENTIAL

SIDE TWO

Operator Name JFW, Inc.

Lease Name Nunneemaker

Well # 1

East

County Reno

Sec. 30 Twp. 23 Rge. 10

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 Yes No
(Attach Additional Sheets.)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:

Dual Induction Dual compensated Porosity

ATTACHED

Name	Formation (Top), Depth and Datum	
	Top	Datum
Heebner	3097	±1296
Brown Lime	3253	-1452
Lansing	3287	-1486
B7KC	3575	-1774
/Viola	3657	-1856
Simpson Shale	3746	-1945
Simpsonn	3752	-1951
Arbuckle	3856	-2015
RTD	3856	-2055

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#	207'	60/40 poz	150	2% gel 3% cc.
Production	7-7/8"	5 1/2"	14#	3851'	Howco Lite	25	18% salt
					50/50 poz	150	2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3663-3668, 3672-3676, 3680-3686, 3680-3686	15% DSFE 500 gal.	3663-3686
		frac. 200sx 12/20 sand	3663-3686

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8	3705		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Resumed Production, was delayed because of mud will be about 3/30/93 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	X 15	X 180	X est. 150	?	38

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

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

3663-3686

CONFIDENTIAL

Drill Stem Tests

D.S.T.# 1 IFP 156-Plugging- Weak Blow
3627-3675 ICIP 702#
Viola FFP 149-89#- Strong Blow
Times 30-60-30-60 FCIP 658#
IHP/FHP 1813/1802#

Recovery; 136' Gassy Drilling Mud. (With few oil specks on
tool.)
. 992' Gas in Pipe.
Temp. 110.

D.S.T.# 2 IFP 332-Plugging
3676-3715 ICIP 728#
Times 30-60-45-60 FFP 189-189#- Strong Blow
Viola FCIP 691#
IHP/FHP 1879/1791#

Recovery; Gas to surface 2 minutes 2nd Opening.

491' Total Fluid.
50' Drilling Mud.
63' OCGW (15% O, 36% G, 27% W, 22% M.)
63' OCW (15% O, 75% W, 10% M.)
63' OCGW (20% O, 10% G, 60% W, 10% M.)
63' HOCGW (30% O, 20% G, 45% W, 5% M.)
63' HOCGW (25% O, 5% G, 65% W, 5% M.)
63' HOCGW (35% O, 20% G, 40% W, 5% M.)
63' HOCGW (25% O, 45% G, 37% W, 5% M.)
Temp 118.

Gas to surface 2 min 2nd opening.

2nd opening

10 min	159 MCF
20 min	171 MCF
30 min	189 MCF
35 min	186 MCF
40 min	183 MCF
45 min	177 MCF

ORIGINAL

DRILLER'S WELL LOG

DATE COMMENCED: November 23, 1992
DATE COMPLETED: November 30, 1992

JFW, Inc.
NUNNEMAKER #1
45' E of NW NE NE
Sec. 30, T23S, R10W
Reno County, Ks.

- 0 - 42' Surface Soil, Clay
- 42 - 207' Sand & Shale
- 207 - 461' Red Bed
- 461 - 482' Anhydrite
- 482 - 1335' Shale
- 1335 - 1640' Shale w/lime streaks
- 1640 - 2155' Lime & Shale
- 2155 - 2475' Shale w/lime streaks
- 2475 - 2528' Lime & Shale
- 2528 - 3098' Lime
- 3098 - 3118' Shale & Lime
- 3118 - 3131' Lime
- 3131 - 3253' Shale
- 3253 - 3287' Lime & Shale
- 3287 - 3578' Lime
- 3578 - 3634' Shale & Lime
- 3634 - 3746' Chert
- 3746 - 3815' Sand
- 3815 - 3857' Dolomite
- 3857' RTD

RELEASED

APR 7 1994

FROM CONFIDENTIAL

Surface Pipe: Set new
8-5/8", 20# pipe @ 207'
w/150 sacks 60/40 pozmix
2% gel 3% cc.

Production Casing: Set used
5 1/2", 24# casing @ 3851' w/25
sacks Howco Lite & 150 sacks
50/50 pozmix 18% salt, 2% gel
.6% Halad 322, & 6# Gilsonite
per sack.

AFFIDAVIT

MAR 20

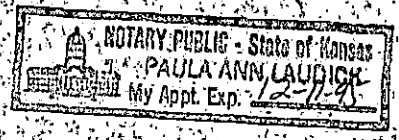
STATE OF KANSAS
COUNTY OF BARTON) ss

CONFIDENTIAL

Craig D. Biggs of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

Craig D. Biggs

Subscribed and sworn to before me this 8th day of February 1993.



Paula Ann Laubick
Notary Public

RECEIVED
STATE CORPORATION COMMISSION

MAR 23 1993

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

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

HALLIBURTON SERVICES

ORIGINAL

INVOICE

A Halliburton Company

INVOICE NO. DATE

298892 11/23/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
NUNNEMAKER 1		RENO		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
GREAT BEND		DUKE DRILLING	CEMENT SURFACE CASING		11/23/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
430809	LEONARD WILLIAMSON			COMPANY TRUCK	43099

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

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	44	MI		
001-016	CEMENTING CASING	1	UNT		
030-503	WOODEN PLUG	207	FT		
504-308	STANDARD CEMENT	1	UNT		
506-105	POZMIX A	8 5/8	IN		
506-121	HALLIBURTON-GEL 2%	1	EA		
509-406	ANHYDROUS CALCIUM CHLORIDE	90	SK		
500-207	BULK SERVICE CHARGE	4440	LB		
500-306	MILEAGE CMTG MAT DEL OR RETURN	3	LB		
		4	SK		
		158	CFT		
		296.516	TMI		

INVOICE SUBTOTAL

DISCOUNT-(BID)
INVOICE BID AMOUNT

*-KANSAS STATE SALES TAX
*-BARTON COUNTY SALES TAX

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

MAR 20
CONFIDENTIAL

RELEASED
APR 7 1994
FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

MAR 23 1993

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.

CONSERVATION DIVISION
Wichita, Kansas

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

ORIGINAL

INVOICE NO.	DATE
298963	11/30/1992

WELL/LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
UNNEMAKER 1		RENO		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
GREAT BEND		DUKE DRILLING CO	CEMENT PRODUCTION CASING		11/30/1992
CT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
30809	SCOTT ALBERG			COMPANY TRUCK	43278

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

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	TRICING AREA - EASTERN AREA				
000-117	MILEAGE	44	MI		
		1	UNT		
001-016	CEMENTING CASING	3854	FT		
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	5 1/2	IN		
		1	EA		
018-317	SUPER FLUSH	12	SK		
02A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA		
825.205					
04A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA		
815.19251					
07	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA		
815.19311					
00	CENTRALIZER 5-1/2" X 7 7/8"	4	EA		
807.93022					
019-241	CASING SWIVEL W/O WALL CLEANER	1	JOB		
004-316	HALLIBURTON LIGHT W/STANDARD	25	SK		
004-308	STANDARD CEMENT	75	SK		
006-105	POZMIX A	5550	LB		
006-121	HALLIBURTON-GEL 2%	3	LB		
008-291	GILSONITE BULK	900	LB		
009-968	SALT	1350	LB		
007-775	HALAD-322	76	LB		
000-207	BULK SERVICE CHARGE	212	CFT		
000-306	MILEAGE CMTG MAT DEL OR RETURN	384.516	TMI		
	INVOICE SUBTOTAL				
	DISCOUNT-(BID)				
	INVOICE BID AMOUNT				
	***** CONTINUED ON NEXT PAGE *****				

MAR 20
CONFIDENTIAL

RELEASED

APR 7 1994

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

MAR 23 1993

CONSERVATION DIVISION
Wichita, Kansas
PAGE: 1

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.