

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 9324  
Name JFW, Inc.  
Address Box 26  
City/State/Zip Plevna, Ks. 67568

Purchaser CLEAR CREEK

Operator Contact Person Flicia McNamee  
Phone 316-286-5318

Contractor: License # 1087  
Name Williamson Drilling, Inc.

Wellsite Geologist Robert C. Levellyn  
Phone 316-744-2567

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

8-5-85 Spud Date 8-14-85 Date Reached TD 11-8-85 Completion Date  
4170 Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 285 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-185-22,256-0000

County Stafford

50' W NW SE NW Sec. 1 Twp. 24 Rge. 14  East  West

3630 Ft North from Southeast Corner of Section  
3780 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

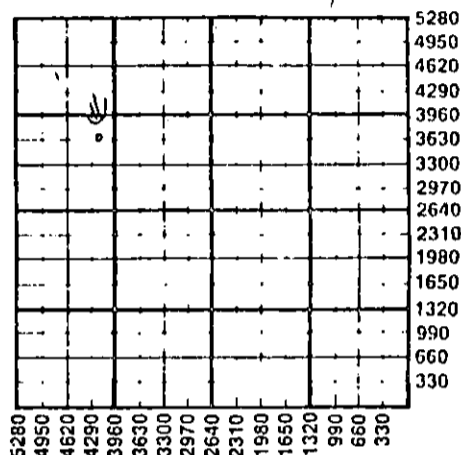
Lease Name R.D. Bookstore Well # 1-1

Field Name RATTLESNAKE, NORTH

Producing Formation Miss

Elevation: Ground 1931 KB 1936

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # Farm Irrigation Well

Groundwater 3830 Ft North from Southeast Corner (Well) 3780 Ft West from Southeast Corner of Sec 1 Twp 24 Rge 14  East  West

Farm Irrigation Well  
 Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge  East  West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 fully complied with and the statements herein are complete and correct to the best of my knowledge.

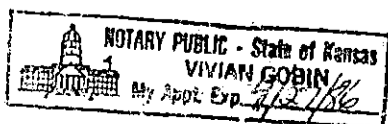
Signature J.F.W. Shure, Flicia L. McNamee

Title President Date 1/14/86

Subscribed and sworn to before me this 14th day of Jan 1986

Notary Public Vivian Gobin

Date Commission Expires 4/27/86



STATE CORPORATION COMMISSION  
MAY 21 1986  
CONSERVATION DIVISION  
Wichita, Kansas

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

Form ACO-1 (7-84)

COPY

sec 1 Twp 24 Rge 14 E

Operator Name JFW, Inc. Lease Name R.D. Bookstore Well # 111

150' W. of NW SE NW  
 Sec. 1 Twp. 24 Rge. 14 County Stafford

East  
 West

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

"See attached"

Formation Description  
 Log  Sample

Name	Top	Bottom
Surface Soil, Sand, Clay & Shale	0	445
Anhydrite	845	866
Shale & Lime	866	3100
Shalew/Lime Stringers	3100	3180
Lime w/ Shale St.	3180	3445
Carbonaceous Shale	3445	3452
Lime w/Shale Stringers	3452	3490
Shales	3490	3608
Lime	3608	3830
Conglomerate	3830	3950
Chert	3950	4004
Lime	4004	4030
Chert	4030	4110
Shale w/ Sand Stringers	4110	4150
Dolomite	4150	4170

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

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/4	8-5/8	28	285	Class A	200	3% Gel, 3% CC
Production	7-7/8	4 1/2	10.5	4165	60/40 Poz	125	2% Gel, 18% Salt, 75% CFR-2

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	3992-4002	Asidized 3700 gal. 15% NE	3992-4002
1	3982-3992	Fract. 16,000# sand. 500 hbl.	
1	3973-3976	treated water:	3992-4002
1	3962-3970		

TUBING RECORD Size 2 3/8 Set At 4100 Packer at \_\_\_\_\_ Liner Run  Yes  No

Date of First Production 11-9-85 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	30	10,000	10		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 3992-4002  
 Used on Lease  Dually Completed .....  
 Commingled

15-185-22256-0000

DST #1

3614-3644 Good blow Recovered 35'. 10% light oil, 10% gas, 80% mud  
BHP 125-962 IF 30/30 FF 90/40

DST #2

3663-3688 Recovered 30' oil cut muddy water, 470' salt water.  
ISIP 1129 FSIP 1077 IF 30/62 FF 100/125

DST #3

3724-3744 recovered 10' slocm ISIP 62 FSIP 41 IF 30/52 FF 30/31

DST #4 3879-3890 Recovered 40' dlq. mud, ISIP 590 FSIP 831 IF 17/21 FF 26/26

DST #5

3944-3980

Recovered 125' sogcm ISIP 376 FSIP 376 IF 30/41 FF 83/52

DST #6 3984-4011 Recovered 485' gas 40' heavy oil gas cut mud.

ISIP 104 FSIP 324 IF 41/20 FF 41/31



# J F W, INC.

Elsie L. McNemee  
PRESIDENT

R.R. #1 \* Box 26  
Plevna, Kansas 67568

316-286-5318

Oil & Gas Development -  
Leasing

Sept. 10, 1985

R.D. BOOKSTORE #1-1  
WELL COMPLETION

Aug. 30, 1985

Moved in Completion rig and rigged up. Ran cement bond log.

Aug. 31, 1985

Swabbed hole to 4,020 feet. Spotted 6 bbl. KCL water in hole.  
10:05 A.M. -- ten foot perforation gun; ~~1st perf. 3992-4002'~~ 1 shot per foot.  
2nd. perf. 3982-3992' 1 shot per foot. 3rd. perf. ~~3973-3976'~~ 1 shot per foot.  
4th. perf. ~~3962-3970'~~ 1 shot per foot. Last perf. @ 12:30 P.M.

Swabbed back fluid. Small show gas and small show oil & mud 2nd. pull.  
1 pull off bottom- no fluid recovery. Shut in until Tuesday morning.

Sept. 3, 1985

Run swab. 250' oil in hole. No fluid on 2nd pull. Pick up packer and PPI tool. Run tubing and brake down perforations. Acidized with 3700 gallons of 15% NE acid; 5 bbl. per. min. @ 1500 to 1800 pounds through tubing. ISIP 1200#- 10 min. 1100#. Flowed back approximately 50 bbl. fluid. Swabbed 20 bbl. - Shut in.

Sept 4, 1985

Good blow on casing. Fluid 850' down, 300' oil on top. Swabbed back 18.8 bbl, 23% oil and good gas. Made 1 30 min. swab. 250' fluid- 52% oil..  
Frac with 16,000 pound sand with 500 bbl treated water at 20 bbl per. min. at 1200 PSI. ISIP 1000# 5 min. 840#, 10 min. 810#; 15 min. 790#. Shut in @ 5:43 P.M.

Sept. 5, 1985

Flowed back approximately 20 bbl. Ran measuring line. Plug back. T.D. 4100'. Flowed & swabbed back approximately 148 bbl. frac. water in pit. Started getting good show of oil and gas. Hooked up to swab tank. Swabbed continuously for 2 hours, 95 bbl. fluid- 43- 56% oil. Last hour swabbed 56 bbl.- 500 feet per pull, or 8 bbl. per pull. Could not lower fluid below 2500'. Ran tubing and rods- hung off well.  
129 joints 2 3/8 tubing, 2x1 1/2 x 12' BHD pump, 159 3/4" rods, one 8' & one 6' sub, & 16 x 1 1/2 polish rod.

Sept. 6, 1985

Set pumping unit, built tank & well grade, laid lead line to tanks.

Sept. 7, 1985

Set & hooked up engine on unit. Finished well head, hooked up, set tank battery, Started pumping in swab tank at 4:07 P.M.

Sept. 8, 1985

Finished well head hook-up. Finished hooking up tank battery, Put new shaft sleeve on engine. Pumping fluid in battery @ 2: P.M.

RECEIVED  
STATE CORPORATION COMMISSION  
MAY 21 1986  
CONSERVATION DIVISION  
Wichita, Kansas

*Elsie L. McNemee*