

ORIGINAL

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 # 3007

Name: Western Kansas Exploration

Address P.O. Box 126

City/State/Zip Hays, Kansas 67601

Purchaser: _____

Operator Contact Person: Stan Younger

Phone (913) 628-2296

Contractor: Name: Western Kansas Drilling, Inc.

License: 4083

Wellsite Geologist: Richard Hall

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 _____

6-4-91 6-12-91 6-12-91

Spud Date Date Reached TD Completion Date

API NO. 15- 135-23,581-0000

County Ness

C NE Sec. 01 Twp. 20 Rge. 23 East West

3960' Ft. North from Southeast Corner of Section

1320' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Riverside GROSS Well # 1

Field Name Riverside North

Producing Formation _____

Elevation: Ground 1320' 2,272' KB 1325' 2,277'

Total Depth 4440' PBTD 4450'

	5280
	4950
	4620
	4290
	3960
	3630
	3300
	2970
	2640
	2310
	1980
	1650
	1320
	990
	660
	330

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CONSERVATION DIVISION
Wichita, Kansas

ALT DPA

Amount of Surface Pipe Set and Cemented at 214' 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 [Signature]

Title U.P. Date 6-13-91

Subscribed and sworn to before me this 13th day of JUNE 19 91.

Notary Public Nancy Taggart

Date Commission Expires 7-2-91

NANCY TAGGART
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 7-2-91

K.C.C. OFFICE USE ONLY
F _____ Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received

Distribution
KCC _____ SWD/Rep _____ NGA
KGS _____ Plug _____ Other _____
(Specify)

P1

SIDE TWO

Operator Name Western Kansas Exploration, Inc. Lease Name Riverside GROSS Well # 1

Sec. 01 Twp. 20 Rge. 23 East West County Ness

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.)

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
ANHY	1519	1556
HEEBNER	3748	
LANJING	3794	
BKIC	4119	
PAWNEE	4241	
FT. SCOTT	4318	
Cher sh	4340	
Reworked Miss	4410	} SAMPLE PICKS
Miss. Dolomite	4430	

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 1/4"	8 5/8	19#	214'	60/40 poz	125sks	2%gel, 3%cc

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

TUBING RECORD Size Set At 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.	Gas Mcf	Water Bbls.	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) _____

Production Interval _____

ORIGINAL

DEVIATION SURVEYS (Degrees)

217'	3/4
1787'	3/4
4400'	3/4

DRELL-STEIN-TESTS:

DST No. 1

Open Hole Test
Cherokee Sand
4374'-4400'
26' Anchor Length
30"-30"-30"-30"

Initial Flow: Weak surface blow increasing to 1/4" blow, died in 27"

Final Flow: No blow.

Recovered: 6 feet Mud (No Shows)

IHP	2208 P.S.I.
IFP	24-24 P.S.I.
ISIP	33 P.S.I.
FFP	24-24 P.S.I.
FSIP	33 P.S.I.
FHP	2191 P.S.I.

Temperature 104 Degrees F

Mud Conditions:	Weight	9.3
	Viscosity	51
	Filtrate	10.0

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STATE CORPORATION COMMISSION

MAR 11 1991

REGISTRATION DIVISION
Topeka, Kansas

ORIGINAL

DRILLER'S LOG

Operator: Western Kansas Exploration, Inc.

Contractor: Western Kansas Drilling, Inc.

Well & Well Description: ^{Gross}
~~Riverside #1~~
C-NE 01-20-23 Ness County, Kansas

Commenced: 6-4-91

Completed: 6-12-91

Character of Well: D & A

Elevation: 2272' 2277'
1320' GL 1325' KB

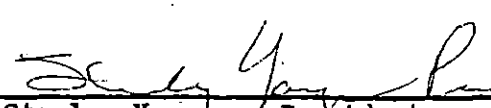
Casing: Ran 5 jts. of 8 5/8's set @ 214'

Figures Indicate Bottom of Formations

0' - 1520'	Sand & Shale
1520' - 1578'	Anhy.
1578' - 3139'	Sand & Shale
3139' - 4374'	Lime & Shale
4374' - 4400'	Cherokee
4400' - 4440'	Mississippian

State of Kansas)
County of Ellis) ss:

I Stanley Younger, President of Western Kansas Drilling, Inc. upon oath state that the above and foregoing is a true and correct copy of the log of the Riverside #1


Stanley Younger, President

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STATE CORPORATION COMMISSION

MAR 11 1991

CONSERVATION DIVISION
Wichita, Kansas