

STATE CORPORATION COMMISSION OF KANSAS
 OIL & GAS CONSERVATION DIVISION
 WELL COMPLETION FORM
 ACO-1 WELL HISTORY
 DESCRIPTION OF WELL AND LEASE

API NO. 15- 093-21674-0000

County Kearny

SW - SW - NE - NE Sec. 15 Twp. 26 S Rge. 38 X E W

1250N Feet from S(N) (circle one) Line of Section

1250E Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Willits Gas Unit "B" Well # 4

Producing Formation Council Grove

Elevation: Ground 3220 KB 3225

Total Depth 3015 PBDT 3008

Amount of Surface Pipe Set and Cemented at 633 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan file 1 w/ 9-2-03
 (Data must be collected from the Reserve Pit)

Chloride content 18,000 ppm Fluid volume 800 bbls

Dewatering method used Dried and Filled

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rge. _____ E/W

County _____ Docket No. _____

Operator: License # 5952

Name: Amoco Production Company

Address P.O. Box 3092

City/State/Zip Houston, TX 77253-3092

Purchaser: _____

Operator Contact Person: Sue Sellers

Phone (281) 366-2052

Contractor: Name: Cheverne Drilling

License: 5382

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back _____ PBDT

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

05/19/01 05/21/01 08/02/01

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Sue Sellers

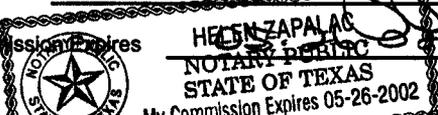
Title Staff Assistant Date 09/06/01

Subscribed and sworn to before me this 6 day of SEPT

20 01.

Notary Public Helen Zapala

Date Commission Expires _____



K.C.C. OFFICE USE ONLY

F N Letter of Confidentiality Attached

C ✓ Wireline Log Received

C ✓ Drillers Timelog Received

Distribution

_____ KCC _____ SWD/Rep _____ NGPA

_____ KGS _____ Plug _____ Other

(Specify)

Operator Name Amoco Production Company

Lease Name Willits Gas Unit "B" Well # 4

East

Sec. 15 Twp. 26 S Rge. 38

West

County Kearny

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 sheets if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.) Yes No

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run (Submit Copy.) Yes No

List All E.Logs Run:

Compensated Spectral Natural Gamma Ray

Log Formation (Top), Depth and Datums Sample

Name Top Datum

Chase	2445	3225-KB
Council Grove	2720	3225-KB

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
<u>Surface</u>	<u>12 1/4"</u>	<u>8 5/8"</u>	<u>24#</u>	<u>633</u>	<u>Prem-Lite</u>	<u>165</u>	<u>2% 1/4# Floccel</u>
					<u>Prem+</u>	<u>150</u>	<u>2% 1/4# Floccel</u>
<u>Production</u>	<u>7 7/8"</u>	<u>4 1/2"</u>	<u>10.5#</u>	<u>3008</u>	<u>65/35w/6%ce</u>	<u>535</u>	<u>1/4# Floccel</u>

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
<u>4</u>	<u>2732' - 2752'</u>	<u>Acid-w/500 gals 15% HCL</u>	<u>2732-2798</u>
<u>4</u>	<u>2788' - 2798'</u>	<u>Frac-w/150,000# 16/30 Brady Sand &</u>	<u>2732-2798</u>
		<u>318 bbls 80Q N2 Foam</u>	

TUBING RECORD Size 2 3/8" Set At 2813 Packer At N/A Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 08/02/01 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<u>0</u>	<u>105</u>	<u>0</u>		

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled

(If vented, submit ACO-18.) Other (Specify) _____

DRILLER'S LOG

AMOCO PRODUCTION
LB WILLITS B-4
SECTION 15-T26S-R38W
KEARNY COUNTY, KANSAS

COMMENCED: 05-19-01
COMPLETED: 05-21-01

SURFACE CASING: 633' OF 8 5/8" CMTD
W/165 SKS 65:35 POZ C + 2% CC + 6% GEL +
1/4#/SK FLOCELE. TAILED W/150 SKS
PREMIUM PLUS + 2% CC + 1/4#/SK FLOCELE.

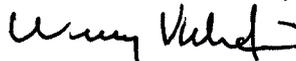
FORMATION

DEPTH

SURFACE HOLE	0 - 633
RED BED	633 - 1250
GLORIETTA	1250 - 1450
RED BED	1450 - 2290
LIMESTONE & SHALE	2290 - 2752 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

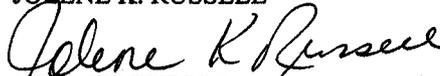


WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 22ND DAY OF MAY, 2001.

JOLENE K. RUSSELL



NOTARY PUBLIC