

FORM MUST BE TYPED

COPY

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 # 5952Name: Amoco Production CompanyAddress PO Box 800 Room 924City/State/Zip Denver, CO 80201Purchaser: N/AOperator Contact Person: Susan R. PottsPhone (303) 830-5323Contractor: Name: Cheyenne DrillingLicense: 5382Wellsite Geologist: Charles Schmaltz

## Signature Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SWD ☒ SLOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

## If Workover:

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. \_\_\_\_\_2/1/96 2/17/96 3/26/96  
Spud Date Date Reached TD Completion DateAPI NO. 15- 187-20813-0000County StantonSE - SW - NW - NE Sec. 35 Twp. 29S Rge. 40 X W1000 Feet from S/N (circle one) Line of Section2000 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 Tiffany Jade Well # 1-35Field Name Little ArrowProducing Formation St. LouisElevation: Ground 3248.18' KB 3259'Total Depth 5750' PBSD 5709.5'Amount of Surface Pipe Set and Cemented at 1573 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 2873 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ACT 1  
(Data must be collected from the Reserve Pit) 5-22-98  
DPWChloride content 2500 ppm Fluid volume 3000 bblsDewatering method used Dried and Filled

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter Sec. Twp. S Rng. E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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 Susan R. PottsTitle Senior Staff Assistant Date 5/8/96Subscribed and sworn to before me this 8th day of May, 19 96.Notary Public Susan CallahanDate Commission Expires August 4, 1998

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

RECEIVED  
KANSAS CORPORATION COMMISSION

Form ACO-1 (7-91)

MAY 09 1996

CONSERVATION DIVISION  
WICHITA, KS

**SIDE TWO**

Operator Name Amoco Production Company Lease Name Tiffany Jade Well # 1-35

Sec. 35 Twp. 29S Rge. 40 ☐ East ☒ West County Stanton

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken (No outside analysis) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)  List All E.Logs Run: Dual Induction Laterolog, Microlog, High Resolution Induction, Spectral Density Dual Spaced Neutron II Log EVR	<input checked="" type="checkbox"/> Log <b>Formation (Top), Depth and Datums</b> <input type="checkbox"/> Sample  <table border="0" style="width:100%"> <tr> <td style="width:60%">Name</td> <td style="width:20%">Top</td> <td style="width:20%">Datum</td> </tr> <tr> <td>Stone Corral</td> <td>1671'</td> <td>KB</td> </tr> <tr> <td>Chase</td> <td>2248'</td> <td></td> </tr> <tr> <td>Council Grove</td> <td>2536'</td> <td></td> </tr> <tr> <td>Base Heebner</td> <td>3714'</td> <td></td> </tr> <tr> <td>Lansing</td> <td>3776'</td> <td></td> </tr> <tr> <td>Marmaton</td> <td>4389'</td> <td></td> </tr> <tr> <td>Cherokee</td> <td>4576'</td> <td></td> </tr> <tr> <td>Morrow</td> <td>5103'</td> <td></td> </tr> <tr> <td>Chester</td> <td>5485'</td> <td></td> </tr> <tr> <td>Ste. Genevieve</td> <td>5519'</td> <td></td> </tr> <tr> <td>St. Louis</td> <td>5615'</td> <td></td> </tr> </table>	Name	Top	Datum	Stone Corral	1671'	KB	Chase	2248'		Council Grove	2536'		Base Heebner	3714'		Lansing	3776'		Marmaton	4389'		Cherokee	4576'		Morrow	5103'		Chester	5485'		Ste. Genevieve	5519'		St. Louis	5615'	
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**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	12.25"	8.625"	28	1573'	Premium Plus	Lite 460	2%CC+1/4#Flocele
Production	7.875"	4.5"	10.5	5750'	Premium Plus	150	2%CC+1/4#Flocele
					Premium	250	1%CC, 7%EA-2, .6% Halad 322, 15% Salt, 1/4# D-Air

**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	5616-5630'	Acidize w/ 167 bbls. of 28% HCL	5616-5630'
	Set Titan CIBP at 5575'.	FRAC w/ 23,900 lbs of 20/40 sand and	5616-5630'
		122 bbls. CO2.	

<b>TUBING RECORD</b> None	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. Shut in	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

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

☐ Vented   ☐ Sold   ☐ Used on Lease   ☐ Open Hole   ☐ Perf.   ☐ Dually Comp.   ☐ Commingled  
 (If vented, submit ACO-18.)   ☐ Other (Specify) \_\_\_\_\_

AMOCO PRODUCTION COMPANY  
TIFFANY JADE #1-55  
SECTION 35-T29S-R40W  
STANTON COUNTY, KANSAS

ORIGINAL

15-187-20813

COMMENCED: 01-31-96  
COMPLETED: 02-17-96

SURFACE CASING: 1573' OF 8 5/8" CMTD  
W/460 SKS PREMIUM PLUS LITE + 2% CC + 1/4  
#/SK FLOCELE. TAILED IN W/150 SKS  
CLASS C + 2% CC + 1/4 #/SK FLOCELE.

FORMATION

DEPTH

SURFACE HOLE	0 - 1573
STONE CORRAL	1573 - 1695
RED BED	1695 - 2004
STONE CORRAL	2004 - 2044
STONE CORRAL & CHASE	2044 - 2400
CHASE & COUNCIL GROVE	2400 - 2776
COUNCIL GROVE	2776 - 3533
TOPEKA	3533 - 3920
LANSING	3920 - 4171
LANSING & MARMATON	4171 - 4375
MARMATON	4375 - 4575
CHEROKEE	4575 - 4940
CHEROKEE & MORROW	4940 - 5115
MORROW	5115 - 5505
MORROW & CHESTER	5505 - 5590
ST. GENEVIEVE	5590 - 5634
ST. LOUIS	5634 - 5750 RTD

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

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

CHEYENNE DRILLING, INC.

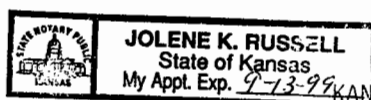
*Wray Valentine*

WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 21ST DAY OF FEBRUARY, 1996

JOLENE K. RUSSELL



RECEIVED

*Jolene K. Russell*  
NOTARY PUBLIC

MAY 09 1996

CONSERVATION DIVISION  
WICHITA, KS