

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 # 5952
Name: Amoco Production Company
Address P.O. Box 800, Rm. 2444
Denver, CO 80201
City/State/Zip _____
Purchaser: _____

Operator Contact Person: Julie Victor
Phone (303) 830-4009

Contractor: Name: Cheyenne Drilling
License: 5382

Wellsite Geologist: _____

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

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

Drilling Method:
 Mud Rotary Air Rotary Cable
3/13/91 3/24/91 3/24/91
Spud Date Date Reached TD Completion Date

API NO. 15- 067-21147-0000

County Grant

E/2 SE NE Sec. 31 Twp. 29 Rge. 38 East West

3300 Ft. North from Southeast Corner of Section

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

Lease Name Johnson C Well # 4

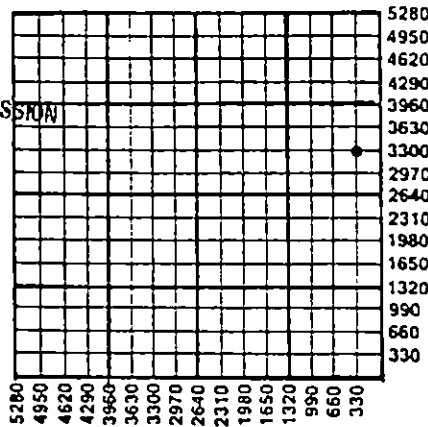
Field Name S.W. Ulysses

Producing Formation N/A

Elevation: Ground 3129' KB 3141'

Total Depth 5850' PBTD _____

RECEIVED
STATE CORPORATION COMMISSION
6-17-91
JUN 17 1991
CONSERVATION DIVISION
Wichita, Kansas



AIT-2 DYA

Amount of Surface Pipe Set and Cemented at 1755 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 Julie Victor
Title Staff Assistant SG Date 6/11/91

Subscribed and sworn to before me this 11 day of June
19 91
Notary Public Natalie M. Wood
Date Commission Expires December 26, 1994

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

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name Amoco Production Company Lease Name Johnson C Well # 4
 Sec. 31 Twp. 29 Rge. 38 East County Grant
 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 (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p style="text-align: center;">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Chase</td> <td>2309'</td> <td></td> </tr> <tr> <td>Council Grove</td> <td>2625'</td> <td></td> </tr> <tr> <td>Heebner</td> <td>3812'</td> <td></td> </tr> <tr> <td>Marmaton</td> <td>4516'</td> <td></td> </tr> <tr> <td>Morrow</td> <td>5188'</td> <td></td> </tr> <tr> <td>Chester</td> <td>5517'</td> <td></td> </tr> <tr> <td>St. Louis</td> <td>5693'</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Chase	2309'		Council Grove	2625'		Heebner	3812'		Marmaton	4516'		Morrow	5188'		Chester	5517'		St. Louis	5693'	
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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"	24#	1755'	Prem. Plus	600	2% CC
					Prem. Plus	150	2% 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				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Size	Set At	Packer At				
Date of First Production		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		

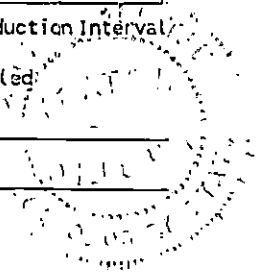
Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval _____



2

MAR 11 1991

CONSERVATION DIVISION
Wichita, Kansas

CO-7

PLAT AND CERTIFICATION OF ACREAGE ATTRIBUTABLE TO AN OIL WELL

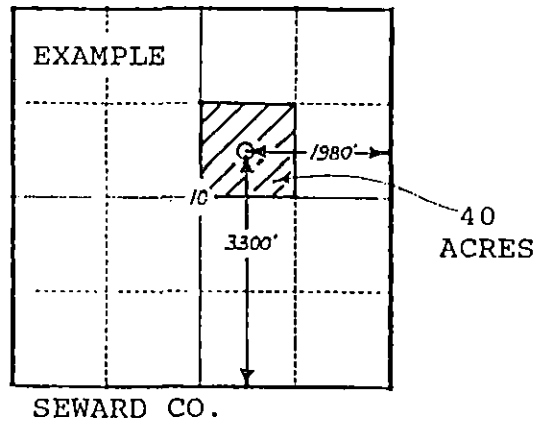
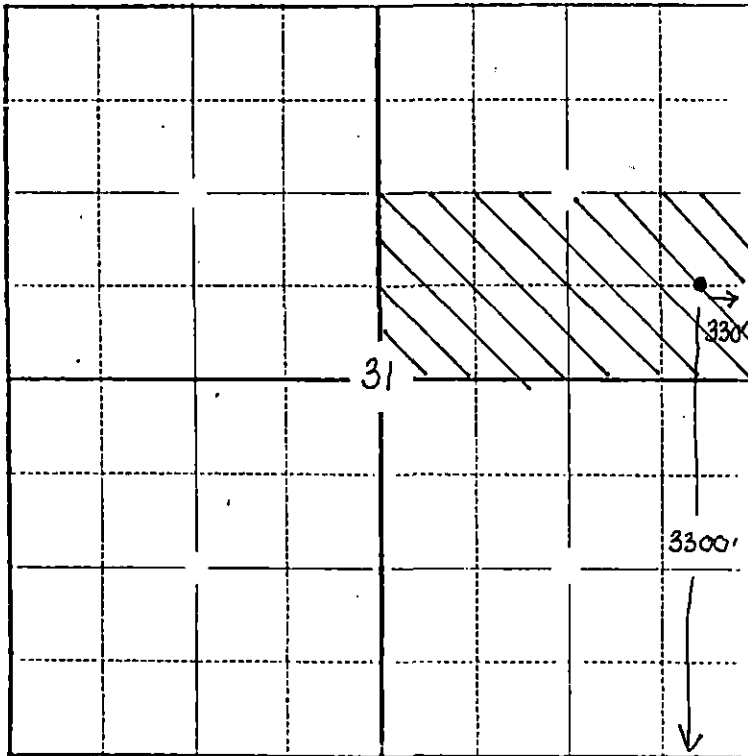
State Corporation Commission, Conservation Division
200 Colorado Derby Bldg. Wichita, Kansas 67202

OPERATOR Amoco Production Company
LEASE NAME Johnson C
WELL NUMBER #4
FIELD S.W. Ulysses
NUMBER OF ACRES ATTRIBUTED TO WELL _____

LOCATION OF WELL:
_____ 3300 feet north of SE corner
_____ 330 feet west of SE corner
_____ 31 Sec. 29 T. 38 R.
COUNTY Grant

PLAT

(Show location of well and shade attributable acreage)
(Show footage to nearest lease or unit boundary line)



The undersigned hereby certifies that he is Sr. Staff Admin. Supv.
for Amoco Production Company (Co.), a duly authorized agent, that all
information shown hereon is true and correct to the best of his knowledge and
belief, and that all acreage claimed as attributable to the well named herein
is held by production from that well.

Subscribed and sworn to before me on this 8th day of March, 1991

Julie A. Victor
Notary Public

My Commission expires 4/7/94

31 29 3 8W

15-067-21147-0000

RECEIVED
STATE CORPORATION COMMISSION

DRILLERS LOG

MAR 29 1991

AMOCO PRODUCTION COMPANY
JOHNSON "C" #4
SECTION 31-T29S-R38W
GRANT COUNTY, KANSAS

CONSERVATION DIVISION
Wichita, Kansas

COMMENCED: 03-13-91
COMPLETED: 03-24-91

SURFACE CASING: 1756' OF 8 5/8"
CMTD W/600 SX LT "C", 2% C.C.,
1/4#/SX FLO-CELE; TAILED IN W/
150 SX "C", 2% C.C., 1/4#/SX FLO-CELE

FORMATION	DEPTH
SURFACE HOLE	0-1755
ANHYDRITE & RED BED	1755-2220
SHALE & CLAY	2220-2600
SHALE	2600-3160
COUNCIL GROVE, LIME & SHALE	3160-3400
LIME & SHALE	3400-4209
SHALE & LIME	4209-4420
LIME & SHALE	4420-4842
SHALE	4842-4952
SHALE & LIME	4952-5085
LIME & SHALE	5085-5420
SHALE & LIME	5420-5523
LIME & SHALE	5523-5850

K C C

MAR 29 1991

RTD

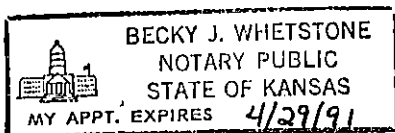
I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

A. J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 26TH DAY OF MARCH, 1991.



Becky J. Whetstone

BECKY J. WHETSTONE, NOTARY PUBLIC