

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 # 5122
Name Woodman-Iannitti Drlg. Co.
Address 704 Union Center Bldg.
City/State/Zip Wichita, KS 67202

Purchaser
Texaco

Operator Contact Person Peter L. Iannitti
Phone (316) 265-7650

Contractor: License # 5122
Name Woodman-Iannitti Drlg. Co.

Wellsite Geologist L.O. Chubb
Phone (316) 793-6749

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

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

WELL HISTORY

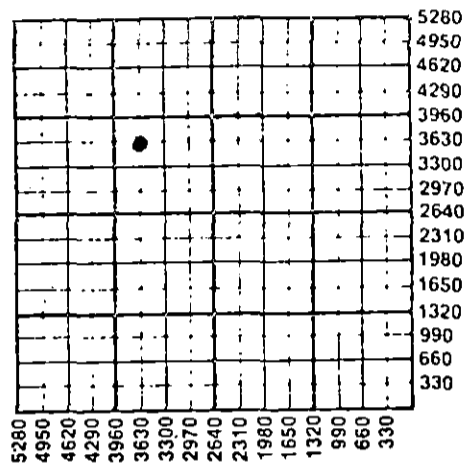
Drilling Method:
 Mud Rotary Air Rotary Cable
4-25-86 4-30-86 5-30-86
Spud Date Date Reached TD Completion Date
3700' 3682'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 259 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set
If alternate 2 completion, cement circulated N/A
from feet depth to w/SX cmt
Cement Company Name
Invoice #

API NO. 15-185-22-371:0000
County Stafford
NW SE NW Sec. 22 Twp. 21 Rge. 12 East
3630 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Long Well # 2
Field Name Sandra Sims S.E.
Producing Formation Arbuckle
Elevation: Ground 1839 KB 1844

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T. 86-202

Groundwater 3630 Ft North from Southeast Corner
(Well) 3630 Ft West from Southeast Corner of
Sec 22 Twp 21 Rge 12 East West

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 Lawrence M. Chubb
Title Supt. Date 9 June 1986

Subscribed and sworn to before me this 9th day of June 1986.
Notary Public H. O. Boyd
Date Commission Expires 8-3-89
STATE CORPORATION COMMISSION



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)
Form ACO-1 (7-84)

JUN 16 1986
CONSERVATION DIVISION
Wichita, Kansas

Sec 22 Twp. 21 Rge. 12 East

SIDE TWO

Operator Name Woodman-Iannitti Drlg. Co. Lease Name Long Well # 2

Sec. 22 Twp. 21 Rge. 12 East West County Stafford

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	<input checked="" type="checkbox"/> Yes	<input 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
Sand	0	220
Shale	220	263
Red Bed	263	407
Shale	407	641
Anhydrite	641	654
Red Bed & Shale	654	1515
Shale & Lime	1515	1875
Lime & Shale	1875	2202
Lime & Shale	2202	2465
Lime & Shale	2465	2739
Lime & Shale	2739	3020
Lime & Shale	3020	3258
Lime & Shale	3258	3405
Lime	3405	3549
Lime	3549	3600
Arbuckle	3600	3650
Arbuckle	3650	3700

Formation Description
 Log Sample

Name Top Bottom

GEOLOGICAL LOG WITH FORMATIONS AND DRILL STEM TEST INFORMATION ATTACHED.

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"	23#	259'	60/40	160	3% CC, 2% Gel
Production	7-7/8"	4-1/2"	9 1/2#	3695'	Common	125	10% Salt, 15 Bbl. Salt Flush

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	3632-3640		
2	3606-3612	2000 gal acid each zone	
2	3580-3584		
2	3564-3570		

TUBING RECORD	Size 2 & 3/8	Set At 3650'	Packer at none	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production 23 May 1986	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....
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Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	20 bbl.	none	none	--	36

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease Open Hole Perforation Other (Specify)

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JUN 16 1986

CONSERVATION DIVISION Wichita, Kansas

WOODMAN-IANNITTI DRILLING CO.

Date April 29, 1986

Company Woodman-Iannitti Drilling Company

Lease Long Well No. 2

Legal Description NW SE NW, Sec. 22-21S-12W, Stafford County, Kansas

Well Depth 3700'

SURFACE INFORMATION

Depth Set 259' Size and Weight of Casing 8-5/8" x 23#

Number of Sacks 160 Type of Cement 60/40 Pozmix

Additives in Cement 3% CC, 2% Gel

Cementing Company B.J. Titan, (Did circulate, plug down @ 3:00 p.m., 4-25-86)

IF CASING IS RUN

Depth Set 3695' Size and Weight of Casing 4 1/2" x 9 1/2#

Number of Sacks 125 Type of Cement Common

Additives in Cement 10% Salt, 15 Bbl. Salt Flush

Cementing Company B.J. Titan

IF WELL IS PLUGGED

Depth of Each Plug and Number of Sacks on Each _____

Type of Cement _____

Cement Additives _____

Cementing Company _____

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CONSERVATION DIVISION
WICHITA, KANSAS

CIMARRON DRILLERS, INC.

Geologist - Petroleum - Geophysicist

P. O. Box 854

GREAT BEND, KANSAS 67530

LEWIS O. CHUBB
Phone 793-6749

May 1, 1986

Woodman-Iannitti
Great Bend, Kansas 67530

Re: Woodman-Iannitti
Long No. 2
NW SE NW
Sec. 22-21s-12w
Stafford County Kansas

Gentlemen:

The following is the geological report for the above captioned well:

CONTRACTOR:	Woodman-Iannitti Rig #2
DATE COMMENCED:	April 25, 1986
DATE COMPLETED	May 1, 1986
ROTARY TOTAL DEPTH:	3700'
SURFACE CASING:	Set: 8 5/8 @ 259 with 160 sacks 60/40 pozmix
PRODUCTION CASING:	Set: 4 1/2 with 125 sacks common 10% salt.
ELEVATIONS:	1844 KB; 1843 DF; 1839 GL.
DEPTH MEASURED FROM:	1844 KB
DRILLING TIME PLOTTED:	2000'-3700' RTD
SAMPLES EXAMINED:	2950'-3700' RTD
DST: (Western)	1 - Arbuckle
LOG: (The Loggers)	Radiation Guard
COMPLETION:	Set production casing to further test the Arbuckle

JUN 4 6 1986

Woodman-Iannitti, Long No. 2

FORMATION DATA

<u>FORMATION</u>	<u>DEPTH (Log)</u>	<u>SUBSEA</u>
Anhydrite	634'-654'	+1210'
Red Eagle	2234'	- 390'
Wabaunsee	2392'	- 548'
Tarkio Lime	2514'	- 670'
Emporia	2580'	- 736'
Howard	2734'	- 890'
Topeka	2822'	- 988'
Heebner	3110'	-1266'
Toronto	3130'	-1286'
Douglas	3144'	-1300'
Brown Lime	3248'	-1404'
Lansing	3258'	-1414'
Base Kansas City	3490'	-1646'
Simpson	3514'	-1670'
Arbuckle	3562'	-1718'
RTD & LTD	3700'	-1856'

STRUCTURAL POSITION IN RELATION TO NEARBY TESTS

	<u>Long #2</u>	<u>Long #1</u>	<u>Hewitt #1</u>
Anhydrite	+1210'		+1219'
Heebner	-1266'	-1259'	-1251'
Lansing	-1414'	-1407'	-1396'
Base KC	-1646'	-1639'	-1638'
Simpson	-1670'	-1661'	-1655'
Arbuckle	-1718'	-1711'	-1706'
RTD	-1856'	-1784'	-1821'

STATE CORPORATION COMMISSION

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CONSERVATION DIVISION
Wichita, Kansas

Woodman-Iannitti, Long No. 2

ZONES OF INTEREST

<u>FORMATION</u>	<u>DEPTH</u>	<u>DESCRIPTION</u>
Red Eagle	2234'-2249'	Limestone, white, tan, micro oolitic-oolicastic good porosity. No show.
Topeka	2953'-2986'	Limestone, gray, buff chalky, granular, slightly oolitic-oolicastic, soft good porosity. No show. Log: wet.
	3019'-3044'	Limestone, gray, buff, fine grained, chalky fossiliferous, oolitic-oolicastic, good porosity. No show. Log: wet.
Toronto	3134'-3137'	Limestone, tan, white, crystalline chalky, slightly fossiliferous, trace porosity. No show. Log: wet.
Douglas	3144'-3247'	Shale, gray, soft micaceous with thin sand stringers, sug angular, micaceous. No value.
Lansing	3258'-3284'	Limestone, white, tan, gray, fossiliferous oolitic, shaley and dense - no visible porosity in zone A through G. Log: No value.
"H" zone	3385'-3391'	Limestone, gray, white oolitic-oolicastic with dense matrix, poor porosity. No show. Log: 8-12 % porosity, 42-65% water, Oolitic. No value.
Arbuckle	3562'-3654'	Dolomite, tan, brown, gray fine-medium crystalline, partly sucrosic, partly dense, good show oil and gas, good porosity. Log: 9-16 % porosity, 45-100% water. See summary and recommendations.

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Wichita, Kansas

Woodman-Iannitti, Long No. 2

SUMMARY

The subject well was under geological supervision from 2000' to 3700' RTD. Structurally the well ran slightly lower than the Long No. 1.

A Davis Gas and Mud logging unit was on location and in good operation throughout the well. The only significant show being in the Arbuckle showing both oil and gas. After DST #1 trip gas two other possible shows were noted at 3610' and 3630'. Shows in the sample appeared favorable to 3640'.

A DST was taken from 3567' to 3600', recovery was 800' GIP and 90' HO & GCM with 290# final shut in pressure.

The loggers ran a Radiation Guard log up to 2000'. The only possible production from log calculation was from the upper part of the Arbuckle 3553'-3570'.

It is further noted from the log that the porosity is low in most cases, which can affect the water saturation calculations. There are also several zones which show mud cake denoting permeability.

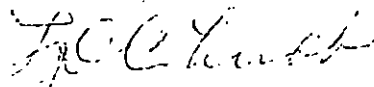
In view of the fact that neither the Long #1 or Hewitt #1 did not and has not produced appreciable quantities of water, the following recommendations for perforating and testing this well are as follows.

RECOMMENDATIONS

Perforate	3632'-3640'	Mud cake - depth of Long #1 sample show
	3606'-3612'	Shale barrier - sample show. good porosity.
	3580'-3584'	Shale barrier, good porosity, trace mud cake
	3564'-3570'	Good calculation, mud cake, good sample.

Respectfully submitted,

Cimarron Driller, Inc.



L.O. Chubb, Geologist

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Wichita, Kansas