

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 # 6588
Name Woodman-Iannitti Oil Company
Address 704 Union Center Bldg.
City/State/Zip Wichita, KS 67202

Purchaser Farmland Industries, Inc.
Kansas City, MO

Operator Contact Person K.T. Woodman
Phone (316) 265-7650

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

Wellsite Geologist Terry McLeod
Phone (316) 265-6431

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
5-8-86 5-13-86 5-13-86
Spud Date Date Reached TD Completion Date
3690' 3673'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 303 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated N/A
from feet depth to w/SX cmt
Cement Company Name
Invoice #

API No. 15-185-22,370-0000
County Stafford
NW SW SE Sec. 16 Twp. 22 Rge. 12 East
..... X West
990 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

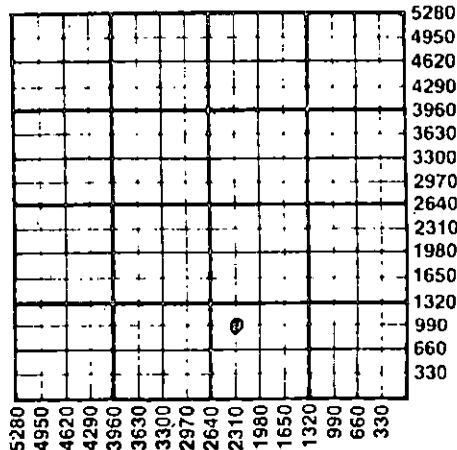
Lease Name Spangenberg Well # 3

Field Name HELENE

Producing Formation Arbuckle

Elevation: Ground 1863 KB 1868

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 #

Groundwater Ft North from Southeast Corner (Well)
..... Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner (Stream, pond etc)
..... Ft West from Southeast Corner
Sec Twp Rge East West

X Other (explain) Purchased from farmer
(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 Peter S. Iannitti

Title Consultant Date 7-17-86

Subscribed and sworn to before me this 12 day of July 1986

Notary Public Thelia J. Ford

Date Commission Expires

THELIA J. FORD
Barton County, Kansas
My Appt. Exp. 4/1/87

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KCC SWD/Rap NGPA
KGS Plug Other
(Specify)

RECEIVED
STATE CORPORATION COMMISSION
CONS. DIV. WICHITA, KS

7-18-86
JUL 18 1986

Section Type 22 Rge. 12 W

SIDE TWO

Operator Name **Woodman-Iannitti Oil Company** Lease Name **Spangenberg** Well # **3**

Sec. **16** Twp. **22** 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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Sand	0	210
Shale	210	306
Shale	306	579
Anhydrite	579	592
Red Bed & Shale	592	1380
Shale	1380	1809
Lime & Shale	1809	2114
Lime & Shale	2114	2440
Lime & Shale	2440	2800
Lime & Shale	2800	3090
Lime & Shale	3090	3335
Lime	3335	3390
Lime	3390	3465
Lime	3465	3480
Lime	3480	3560
Lime & Shale	3560	3684
Arbuckle	3684	3690

Name	Top	Bottom
Anhydrite	668	
Heebner	3,153	
Douglas	3,186	
Brown Lime	3,281	
Lansing	3,305	
Base KC	3,529	
Viola	3,578	
Simpson Shale	3,621	
Arbuckle	3,684	

DST #2: 30-30-45-30. Strong Blow. Rec. 250' GM. Gas to surf in 20 min. IBH946-FBH 703. IF#51-51. FF 63-76.

DST #3: 30-30-30-30 Strong Blow in 4" Rec 125' GIP. 790' Free Oil. 30' HODGMO 30% gas, 55% froggy oil, 10% water, 5% mud. 60' SOCGWM. 5% gas, 10% oil, 10% water 75% mud IBH 1252. FBH 1252 IF 63-204 FF 268-345.

DST #1: 30"-30"-30"-30" Wk Blow increased to fair. Rec 10' Mud IB#51-FBH51. IF38-25, FF25-25

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"	24#	303'	60/40	200	3% CC, 2% Gal
Production	7-7/8"	5-1/2"	14#	3686'	Common	100	10% Salt, 15 Bbl. 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
	Open hole completion	NONE	

TUBING RECORD Size **2-3/8"** Set At **3726'** Packer at Yes No

Date of First Production **6-3-86** Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	20 Bbls	MCF	20 Bbls	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) **3686-3690'**
 Used on Lease Dually Completed Commingled