

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 N/A

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

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

Wellsite Geologist Robert D. Dougherty
Phone (316) 793-9055

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
..4-16-86.. ..4-21-86... ..4-22-86..
Spud Date Date Reached TD Completion Date
3500'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 257 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. 15-009-24,192,0000
County Barton
SW SE SW Sec. 32 Twp. 20 Rge. 11 East
West

330 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

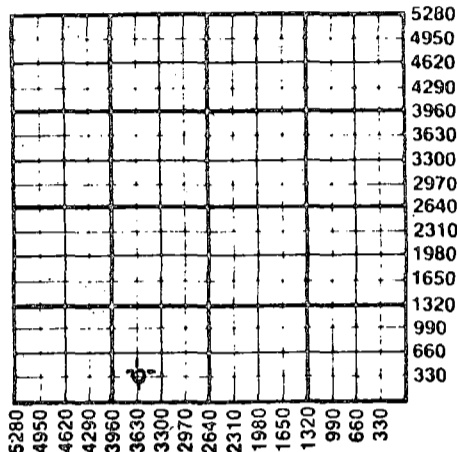
Lease Name Ahrens-Muller Well # 1

Field Name Kowalsky

Producing Formation

Elevation: Ground 1817 KB 1822

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. 86-188

Groundwater 330 Ft North from Southeast Corner
(Well) 3630 Ft West from Southeast Corner of
Sec 32 Twp 20 Rge 11 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 K.T. Woodman
Title Partner Date 5-13-86

Subscribed and sworn to before me this 13th day of May 1986
Notary Public Kathryn A. Voigt
Date Commission Expires June 13, 1989

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

Form ACO-1 (7-84)

KATHRYN A. VOIGT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Expires 6-13-89

STATE CORPORATION COMMISSION
MAY 14 1986

CONSERVATION DIVISION
Wichita, Kansas

5-14-86

Sec 32, Twp 20 Rge 11 E

SIDE TWO

Operator Name Woodman-Iannitti Drlg. Co. Lease Name Ahrens-Muller Well # 1

Sec. 32 Twp. 20 Rge. 11 East West County Barton

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	Formation Description	<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample
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			

			Name	Top	Bottom
Sand	0	225	Anhydrite	580	(+1242)
Red Bed	225	257	Base Anhydrite	600	(+1222)
Red Bed	257	592	Winfield	1600	(+ 222)
Anhydrite	592	604	Tarkio	2428	(- 606)
Shale	604	1390	Topeka	2737	(- 915)
Shale & Lime	1390	1810	Heebner	3014	(-1192)
Lime & Shale	1810	2031	Toronto	3030	(-1208)
Lime & Shale	2031	2250	Douglas	3044	(-1222)
Shale & Lime	2250	2470	Brown Lime	3136	(-1314)
Lime & Shale	2470	2653	Lansing	3152	(-1330)
Lime & Shale	2653	2838	Base K.C.	3397	(-1575)
Lime	2838	2995	Conglomerate	3400	(-1578)
Lime & Shale	2995	3144	Simpson	3406	(-1584)
Lime	3144	3235	Simpson Sd.	3410	(-1588)
Lime	3235	3300	Arbuckle	3447	(-1625)
Lime	3300	3391			
Lime	3391	3447			
Arbuckle	3447	3500			

DST #1, 3280-3300', (Lansing "H" zone), 15-45-15-45, very weak blow died in 15 min. Recovered 5' mud. ISIP 30#, FSIP 23#, HP 1774-1730#, IFP 7-17#, FFP 23-23#, BHT 100 F.

CASING RECORD <input 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#	257'	60/40	160	2% CC 3% Gel
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			
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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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