

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 # 9664
name CAMCO Energy
address 243 Industrial
City/State/Zip Bedford, Texas 67021

Operator Contact Person Jeff Dowling
Phone 819-267-0881

Contractor: license # 5418
name Allen Drilling Company

Wellsite Geologist Brad Oliver/Foster Tweel
Phone 214-231-8648

PURCHASER N/A

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
6-23-84 6-29-84 N/A
Spud Date Date Reached TD Completion Date

4600'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 548' feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15 - 083-21,146-0000

County Hodgman

NE/4 Sec 22 Twp 21 Rge 23 East
(location) X West

3300 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

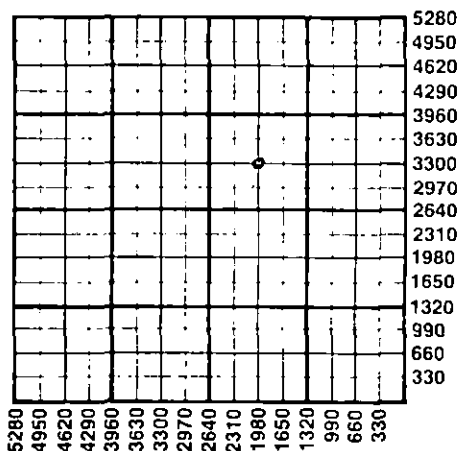
Lease Name Wellensiek Well# 1-22

Field Name

Producing Formation N/A

Elevation: Ground 2377' KB 2382'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

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

Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec 35 Twp 21 Rge 23 East West

Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

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. Rules 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

Title Operations Date 9/10/84

Subscribed and sworn to before me this 10th day of September, 1984.

Notary Public

Date Commission Expires 8/31/88

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)

Sec. 22 Twp 21 Rge 23

SIDE TWO

Operator Name ..CAMCO, Energy..... Lease Name Wellensiek Well# 1-22 SEC .22. TWP... 21. RGE... 23... East West

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

Name Top Bottom

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"	23#	548'	60/40 Poz	275 sks	2% Gel, 3% CC
Production	7-7/8"	4-1/2"	10.5#	4595'	60/40 Poz	210 sks	500 gal mud flush
						18% Salt,	20 sks Scavenger
							1/4# sk Celloflake
							3/4 of 1% FR
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	4558-64 (6')			500 gal 15% MCA			
				1500 gal 15% Fe Acid			
				CIBP @ 4250			
4	4196-4200 (4')			500 gal 15% MCA			
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	Gas	Water	Gas-Oil Ratio		Gravity	
	Bbls	MCF	Bbls	CFPB			

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

PRODUCTION INTERVAL

Dually Completed.
 Commingled

JULY 1, 1984

OPERATOR: CAMCO ENERGY, INC.

WELL NAME & NO: Wellensiek #1-22

LOCATION: 660' FSL & 660' FWL NEL/4 (C-SW-NE)

ELEVATION: KB 2382

STATUS: Casing set to test the Mississippian Osage Section

TOTAL DEPTH: 4600

FORMATION AT T.D.: Mississippian

HOLE SIZE & METHOD: 7-7/8 Rotary drill

DRLG. COMPLETED: 6-29-84

DRLG. CONTRACTOR: Allen Drilling Company

CASING: 548' of 8-5/8 4600' of 4-1/2

LOGGING PROGRAM: Schlumberger DLL GR, CNL-LDT-GR, CYBER LOOK

E' LOG TOPS:

Heebner	3998	(-1516)
Toronto	3912	(-1530)
Lansing	3947	(-1565)
Base KC	4290	(-1908)
Marmaton	4328	(-1946)
Pawnee	4414	(-2032)
Ft Scott	4484	(2102)
Cherokee	4512	(-2132)
Mississippian	4557	(-2175)

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SEP 13 1984

CONSERVATION DIVISION
Wichita, Kansas

Sample Study

4000 Buff to tan Limestone, oolitic porosity
 10 " " "
 20 " " "
 30 " " "
 40 Buff to tan limestone, Oolitic Porosity, traces of Grey to Blk Sha.
 50 Buff to tan Limestone Oolitic Porosity
 60 " " "
 70 " " "
 80 Buff to tan Limestone, Oolitic Porosity, traces of Grey to Blk sha.
 90 Buff to tan Limestone, Oolitic Porosity, traces of dolomite.
 4100 " " "
 10 Buff to tan limestone, Oolitic Porosity traces of Blk shale.
 20 " " "
 30 Grey to tan Limestone, Oolitic Porosity, traces of Dolomite & chevt
 40 Buff to tan Limestone, Oolitic Porosity
 50 Buff to tan Limestone, Oolitic Porosity traces of Grey & Blk shale
 60 Cream to Buff to Tan, Oolitic Porosity, traces of Dolomite & Chevt.
 70 Cream to Buff to tan, Oolitic Porosity, traces of Dolomite & Chevt & Black Shale.
 80 Buff to tan to Grey Limestone, Oolitic Porosity, Scattered Flour-escense, Slight cut.
 90 " " "
 4200 Buff to Dark Brown Limestone, Dense Grey Limestone.
 10 Buff to tan to grey dense Limestone trace of Grey to Blk shale
 20 Buff to tan to Brown, Oolitic Porosity
 30 " " "
 40 Black Shale
 50 Buff to Brown, very fine Crystalline, to dense Limestone, Oolitic Porosity.
 60 " " "
 70 " " "
 80 Buff to Brown Very fine Crystalline to dense Limestone Traces of Grey to Black shale.
 90 Buff to Brown very fine Crystalline Limestone Oolitic Porosity.
 4300 Buff to brown very Fine Crystalline Limestone Oolitic Porosity.
 10 Grey to Black Shale
 20 White to tan, very fine Crystalline Limestone, Oolitic Porosity.
 30 " " "
 40 Traces of Black shale
 50 " "
 60 Traces of black to Grey Shale.
 70 " "
 80 White to tan to Grey to Black Shale.
 90 Traces of Grey to Black Shale.
 4400 White to tan to Grey Limestone, Oolitic Porosity.
 10 " "
 20 Traces of Black to Grey Shale.
 30 Tan to Dark Brown dense Limestone
 40 " "

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 Wichita, Kansas

CAMCO ENERGY, INC.

WELL # 1-22

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4450 Tan to Brown, very fine Crystalline to dense Limestone
 60 " " "
 70 " " "
 80 Tan to Brown Limestone traces of Black Shale.
 90 Tan to Brown dense Limestone, fossiliferous, slightly scattered
 Fluorescence.
 4500 " " "
 10 Traces of Black Shale.
 20 Tan to Grey Crystalline to dense limestone
 30 Tan to Grey Crystalline Limestone
 40 Grey to Black Shale traces of Red Shale.
 50 Tan to Grey dense Limestone, traces of Grey to Black Shale.
 60 White to tan cherty, Limestone, Good Flour, Good streaming cut.
 70 White to tan cherty Limestone, scattered, flour streaming Cut.
 80 White to tan Dense Limestone
 90 " "
 4600 " "
 TD 4600'