

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 # 5421 name Sage Drilling Co., Inc. address 202 S. St. Francis City/State/Zip Wichita, KS: 67202

Operator Contact Person Casey Coats Phone 316-263-6139

Contractor: license # 5421 name Sage Drilling Co., Inc.

Wellsite Geologist Ray Palmer Phone 316-722-9090

PURCHASER Inland Purchasing & Transportation Co.

Designate Type of Completion

[X] New Well [] Re-Entry [] Workover

- [X] 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: [X] Mud Rotary [] Air Rotary [] Cable

.11-13-85 .11-21-85 .12-17-85 Spud Date Date Reached TD Completion Date

.4463! .4413! Total Depth PBD

Amount of Surface Pipe Set and Cemented at 473 feet

Multiple Stage Cementing Collar Used? [X] Yes [] No

If Yes, Show Depth Set 1443 feet (w/300 sx. lite cement w/1/2#/sk flocele)

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

API NO. 15-083-21,221-0000

County Hodgeman

20' W of C S/2 Sec 16 Twp 21S Rge 22 (location)

1320 Ft North from Southeast Corner of Section 2660 Ft West from Southeast Corner of Section (Note: locate well in section plat below)

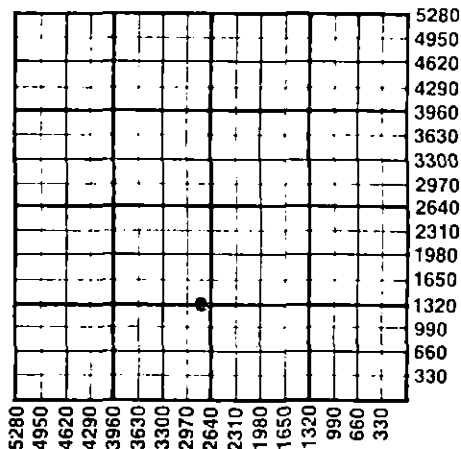
Lease Name WIELAND Well# 2

Field Name Wieland

Producing Formation Mississippi

Elevation: Ground 2282 KB 2288

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

[] Groundwater Ft North From Southeast Corner and 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 Twp Rge [] East [] West

[X] Other (explain) Purchased from Cheyenne Oil Serv. (purchased from city, R.W.D.#) bought from an irrigation well

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.

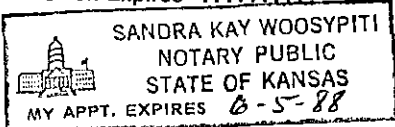
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 Charles Casey Coats Title Petroleum Engineer Date 01-03-86

Subscribed and sworn to before me this 3 day of January 19 86

Notary Public Sandra Kay Woosypiti Date Commission Expires June 5, 1988



K.C.C. OFFICE USE ONLY Form with checkboxes for Letter of Confidentiality, Wireline Log Received, Drillers Timelog Received, and Distribution (KCC, KGS, SWD/Rep, Plug, NGPA, Other).

Form ACO-1 (7-84) STATE CORPORATION COMMISSION

1-6-86 JANG 1986

Sec 16 Twp 21S Rge 22

Operator Name Sage Drilling Co., Inc. Lease Name Wieland Well# 2 SEC 16 TWP. 21S RGE. 22 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

DST #1: (Mississippi) 4378-99'/30-60-60-60.
 Recovered: 240' GIP, 1228' CI Gassy Oil (25% gas) (39°)
 312' GCM (50% oil) 60' G&OCM (5% water)
 IHP: 2121; IFP: 225-334; ISIP: 1199; FFP: 518-591;
 FSIP: 1154; FHP: 2121; BHT: 119°

Name	Top	Bottom
Heebner Shale	3720'	
Lansing	3771'	
Ft. Scott	4282'	
Cherokee	4310'	
Mississippi	4381'	

DST #2: (Mississippi) 4399-4411'/30-60-60-60
 Recovered: 60' GIP, 75' CI Gassy Oil (25% gas), 39°,
 120' 32% oil, 40% water, 28% mud; 180' 15% oil, 65% wtr,
 20% mud; 240' 5% oil, 90% water, 5% mud.

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	473	60-40 pozmix	275	2% gel, 3% CaCl.
Production	7-7/8"	4 1/2"	10.5	4462'	Class A	110	18% salt, 5% Cal-Seal, 1% Halad
							322 in last 50' sx.
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
4	4383 to 4388			300 gal. 10% acetic acid			4383-88
				1000 gal. 7 1/2% HCL acid			4383-88
4	4396 to 4397			15 sx. Class A w/10% salt + 3/4 of 1% C322			4396-97
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production 1-2-86		Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)		size 2-3/8" set at tubing anchor		weight 4324	
Estimated Production Per 24 Hours	Oil 66.7 Bbls	Gas TSTM MCF	Water 72.2 Bbls	Gas-Oil Ratio	Gravity 36°		

Disposition of gas: vented open hole perforation
 sold other (specify) 4383 to 4388
 used on lease Dually Completed.
 Commingled