

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, Kansas 67202

Operator Contact Person Casey Coats
Phone 316-263-6139

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

Wellsite Geologist Glenn Tracy
Phone 316-788-4843

PURCHASER Texaco, U.S.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
1-26-85 2-8-85 2-22-85
Spud Date Date Reached TD Completion Date

4520 4448
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 462 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set 1419' RKB feet
will cement at later date, to cover Cedar Hills
If alternate 2 completion, cement circulated zone to surface.
from feet depth to w/ SX cmt

API NO. 15-083-21,184-0000

County Hodgeman

NW SE SW Sec 16 Twp 21S Rge 22 East West

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

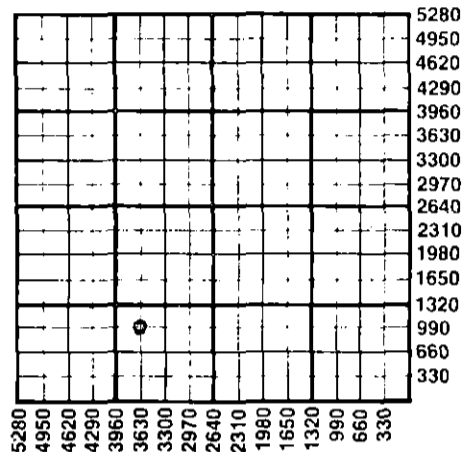
Lease Name Wieland Well# 1

Field Name Wieland

Producing Formation Mississippi

Elevation: Ground 2283 KB 2289

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 Twp Rge East West

Other (explain) Purchased from Cheyenne Oil Services
7640 bbls. used (purchased from OWR, W.D.#)
Purchased from a farm well investigation well.

Disposition of Produced Water: Disposal Repressuring

Docket # MAR 13 1985

CONSERVATION DIVISION
Wichita, Kansas

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.

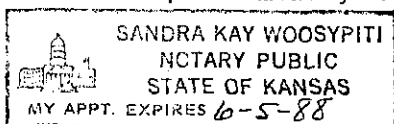
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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, P.E.
Title Petroleum Engineer Date 3-4-85

Subscribed and sworn to before me this 4th day of March 19 85

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



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. 16 Twp. 21 Rge. 22

SIDE TWO

Operator Name Sage Drilling Co., Lease Name Wieland Well# 1 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 (Ft. Scott) 4320-4350'.30-60-60-120.
 Recovered 280' GIP; 80' SOGCM (5% oil, 3% gas, 92% mud) IHP: 2100 psi; FHP: 2046 psi BHT:109°
 IFP: 89-58/30; ISIP: 193#/60"; FFP: 120-67#/60";
 FSIP: 308#/120"

Name	Top	Bottom
Heebner	3744'	
Lansing	3794'	

DST #2 (Mississippi) 4394-4420'.30-60-60-120.
 Recovered 600' FO (35%), 300' G&OCM (30% gas, 35% oil, 25% mud, 10% water); 60' Gsy Oly mud (25% gas, 35% oil, 20% mud, 20% water); 120' O&MCW (10% oil, 20% mud, 70% water).
 IHP: 2120 psi; FHP: 2102 psi; BHT: 121°
 IFP: 157-265#/30"; ISIP: 1334#/60";
 FFP: 376-473#/60"; FSIP: 1336#/120"

Ft. Scott	4612'	
Cherokee	4340'	
Mississippian	4392'	

DST #3 (Mississippi) 4420-4430'/30-60-60-120.
 Recovered: 20' FO, 940' Water
 IHP: 2145 psi; FHP: 2090 psi, BHT: 131°
 IFP: 89-265#/30"; ISIP: 1369#/60";
 FFP: 328-452#/60"; FSIP: 1378#/120"

DST #4 (Mississippi) 4430-4445/30-60-60-120.
 Recovered: 2730' water. BHT: 137°
 IFP: 132-717#/30"; ISIP: 1375#/60";
 FFP: 848-1111#/60"; FSIP: 1385#/120"

CASING RECORD <input checked="" 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	462	60-40 doz	275	2% gel 3% CaCl
Production	7-7/8"	4 1/2"	10.5	4520	Class A	110	18% salt, 5% CalSeal
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	4397-99'			Cement squeeze: 48 sx Class A + 10% salt + 3/4% C322			4417'
4	4404-08			No acid treatment - well came in natural			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method					
2- 27 -85		<input type="checkbox"/> flowing <input checked="" 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		
	25.92 Bbls	TSTM MCF	.8 Bbls	-- CFPB	38°		

Disposition of gas: vented sold used on lease
 METHOD OF COMPLETION: open hole perforation other (specify) _____
 PRODUCTION INTERVAL: 4397-99; 4404-08'