

Ind

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.)

In W/O: 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 PBDT

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

Wireline Log Rec'd

API NO. 15-083-21,184

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

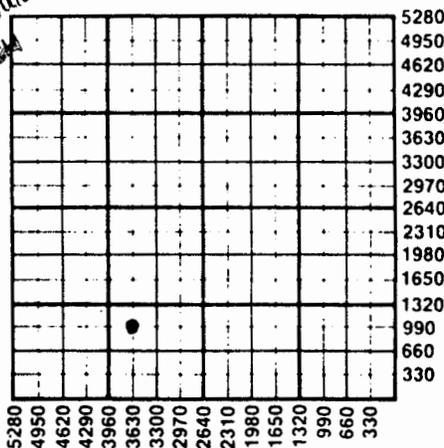
Field Name Wieland

Producing Formation Mississippi

Elevation: Ground 2283 KB 2289

MAR 26 1985
State Geological Survey
WICHITA BRANCH

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 city, R.W.D.#)
Purchased from a farmer's 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.

RECEIVED
STATE CORPORATION COMMISSION

MAR 13 1985

CONSERVATION DIVISION

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.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="0"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3744'</td> <td></td> </tr> <tr> <td>Lansing</td> <td>3794'</td> <td></td> </tr> <tr> <td>Ft. Scott</td> <td>4612'</td> <td></td> </tr> <tr> <td>Cherokee</td> <td>4340'</td> <td></td> </tr> <tr> <td>Mississippian</td> <td>4392'</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Heebner	3744'		Lansing	3794'		Ft. Scott	4612'		Cherokee	4340'		Mississippian	4392'	
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<p>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"</p>	
<p>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"</p>	
<p>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"</p>	
<p>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"</p>	

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
Surface12 1/4"	.8-5/8"	24	462	60-40 poz.	275	2% gel 3% CaCl
Production7-7/8"	4 1/2"	10.5	4520	Class A	110	18% salt, 5% CalSe
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			

A

16-21-22W

DRILLERS LOG

WIELAND NO. 1

CASING RECORD: 8-5/8" set @ 471' w/275 sax cement
 OPERATOR: Sage Drilling Co., Inc.
 CONTRACTOR: Sage Drilling Co., Inc.
 COMMENCED: January 26, 1985
 COMPLETED: February 9, 1985
 DESCRIPTION: Sec. 16-21S-22W
 Hodgeman County,
 Kansas

FORMATION	FROM	TO	REMARKS
Red Bed	0	1275	
Red Bed & Shale	1275	1623	
Red Bed	1623	2260	
Lime & Shale	2260	4520	Ran DST#1 @ 4350', DST#2 @ 4420', DST#3 @ 4430' & DST#4 @ 4445'. Logged Hole. 4 1/2" set @ 4520' w/110 sax cement.

MAR 23 1985
 State Geological Survey
 WICHITA BRANCH

I certify that this is a true and correct copy of the log on the above captioned well to the best of my knowledge.

SAGE DRILLING CO., INC.

By: *John R. Bartholomew*
 John R. Bartholomew

Subscribed and sworn to before me this 12th day of February, 1985.

TUBING RECORD size 2-3/8" set at 4430' ^{tbg. anchor} packer at 4346'		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Production 2- 27 -85	Producing method <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 25.92 Bbls	Gas TSTM MCF	Water .8 Bbls
			Gas-Oil Ratio -- CFPB
			Gravity 38°

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

PRODUCTION INTERVAL
 4397-99; 4404-08'

Dually Completed.
 Commingled