

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 none

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
2-19-86 2-26-86 2-27-86
Spud Date Date Reached TD Completion Date

4135 4135
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 318 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. 15-065-22,289-0000

County Graham

NE SW Sec 5 Twp 9S Rge 25 East West

990 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

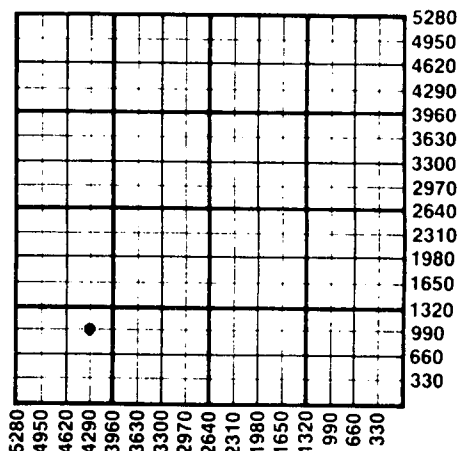
Lease Name Bittel Well# 1

Field Name Wildcat

Producing Formation Lansing

Elevation: Ground 2550 KB 2556

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 Ft West From Southeast Corner of Sec Twp Rge East West

Other (explain) Wellbrock Tank Serv. hauled from an irrigation pond. (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 Charles Casey Coats
Charles Casey Coats
Title Petroleum Engineer Date 2-28-86

Subscribed and sworn to before me this 28 day of February 19 86

Notary Public Sandra Kay Hiner
Date Commission Expires 6-5-88 Sandra Kay Hiner



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)

Form ACO-1 (7/84) RECEIVED
STATE CORPORATION COMMISSION
3-3-86
MAR 3 1986
CONSERVATION DIVISION

Sec. 9 Twp. 9 Rge. 25

SIDE TWO

Operator Name Sage Drilling Co., Inc. Lease Name Bittel Well# 1 SEC 5 TWP. 9S RGE. 25 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: 3852-99'/30-60-60-60. Rec. 540' muddy water, slight show of oil
 IHP: 1951#; IFP: 110-120#; ISIP: 1243#; FFP: 219-274#; FSIP: 1231#; FHP: 1926#; BHT: 138°

DST #2: 4004-33'/30-30-30-30-. Rec. 50' drilling mud.
 IHP: 1982#; IFP: 55-66#; ISIP: 1251#; FFP: 66-77#; FSIP: 1208#; FHP: 1961#; BHT: 120°

Name	Top	Bottom
Anhydrite	2261	2296
Heebner Shale	3806	3818
Toronto	3818	3842
Lansing-KC	3842	4078
TD	4135	

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"	20	318	60-40 poz	200	2% gel, 3% CaCl
.....
.....

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	
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