

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 # 8169
name AVANTI PETROLEUM, INC.
address 1617 S Rock Rd / Suite 102
Wichita, KS 67207
City/State/Zip (316)-685-7293

Operator Contact Person Edward E. Miller
Phone (316)-685-7293

Contractor: license # 5107
name H-30 Drilling, Inc.

Wellsite Geologist F. Calvin Jones
Phone (316)-264-9281

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

3/15/84 3/25/84 3/26/84
Spud Date Date Reached TD Completion Date

4470'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 404 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. 15-007-21,781-0000

County Barber

SW NW NE Sec 15 Twp 32S Rge 13 West

4480 Ft North from Southeast Corner of Section
1890 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name LENKNER Well# 1

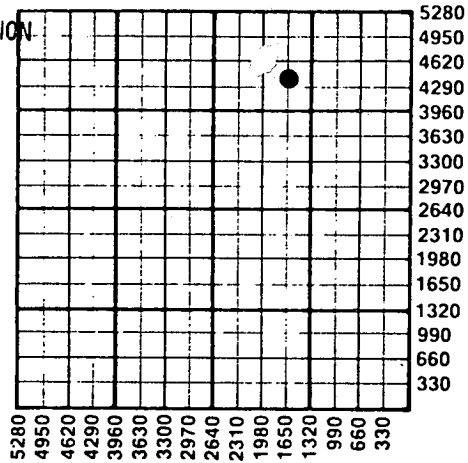
Field Name Wildcat Brooks-Younger N

Producing Formation Mississippi

Elevation: Ground 1675 KB 1684

RECEIVED
STATE CORPORATION COMMISSION
AUG 01 1984
8-1-84
CONSERVATION DIVISION
Wichita, Kansas

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 3960 Ft North From Southeast Corner and (Stream, Pond etc.) 660 Ft West From Southeast Corner Sec Twp Rge 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 Edward E. Miller
Title President Date 6/25/84

Subscribed and sworn to before me this 25th day of June 19 84

Notary Public Lydia J. Thomas
Date Commission Expires 1-5-88

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 15, Twp 32, Rge 13

Operator Name AVANTI PETROLEUM, INC. Lease Name LENKNER Well# 1 SEC 15 TWP 32S RGE 13 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

DRILL STEM TEST #1 - Misrun due to mechanical failure of the test tool.

DRILL STEM TEST #2 - 4225'-4304',
 Re-run of DST #1, 30-30-30-60, recovered 240' of slightly oil-specked mud, 60' gassy oil-specked muddy water, initial hydrostatic pressure 2051#, final hydrostatic pressure 2038#, initial flow pressures 107-107#, initial shut-in pressure 1482#, final flow pressures 147-134#, final shut-in pressure 1495#, bottom-hole temperature 118°F.

DRILL STEM TEST #3 - 4413'-4437',
 40-60-40-90, 1st flow had strong blow, gas to surface in 5 minutes, 2nd flow had gas to surface, recovered 80' total fluid, 60' gas cut mud with oil specks, 20' gas cut mud with slight oil cut, initial flow pressures 107-67#, initial shut-in pressure 1658#, final flow pressures 80-40#, final shut-in pressure 1617#, initial hydrostatic pressure 2188#, final hydrostatic pressure 2160#, bottom-hole temperature 116°F.

Name	Top	Bottom
Red Bed & Shale	0'	460'
Red Bed	460'	1686'
Red Bed & Shale	1686'	1866'
Lime & Shale	1866'	4470'
Rotary Total Depth	4470'	
ONACA SHALE	2791' (-1107')	
INDIAN CAVE	2824' (-1140')	
WABAUNSEE	2846' (-1162')	
TOPEKA	3248' (-1564')	
OREAD	3558' (-1874')	
HEEBNER	3712' (-2028')	
TORONTO	3729' (-2045')	
DOUGLAS SHALE	3754' (-2070')	
TONGANOXIE	3842' (-2158')	
LANSING	3902' (-2218')	
STARK SHALE	4234' (-2550')	
HUSHPUCKNEY SHALE	4272' (-2588')	
B/KANSAS CITY	4313' (-2629')	
MISS. CHERT	4393' (-2709')	
MISS. LIMESTONE	4437' (-2753')	
ROTARY TOTAL DEPTH	4470'	
LOGGING TOTAL DEPTH	4470'	

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#	404'	Class H	250	2% gel/3% CC
Production	7-7/8"	5-1/2"	15.5#	4469'	Sure fil	175	500 cal mud fil

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
1 SPF	SSBII - 4394'-4435' (41 shots)	2500 gallons HCL clean-up acid II	4394'-4435'
		Nitrogen Frac 6470 CCF/300 bbls water	4394'-4435'
		70,000# Sand	

TUBING RECORD		Liner Run	
size	set at	packer at	
2-3/8"	4364'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Production	Producing method		
5/23/84	<input checked="" 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
	44 Bbls	210 MCF	5 Bbls
			4,772 CFPB

Disposition of gas: vented sold used on lease
 METHOD OF COMPLETION: open hole perforation other (specify) _____
 PRODUCTION INTERVAL: 4394'-4435'