

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 # 8887
Name Kachina Oil Company
Address 200 West Douglas - Suite 510
City/State/Zip Wichita, Kansas 67202

Purchaser Clear Creek, Inc.
McPherson, Kansas 67460

Operator Contact Person Chas. Sanders
Phone 316/262-2531

Contractor: License # 5929
Name Duke Drilling Company, Inc.

Wellsite Geologist Paul C. Caragianis
Phone 316/722-9575

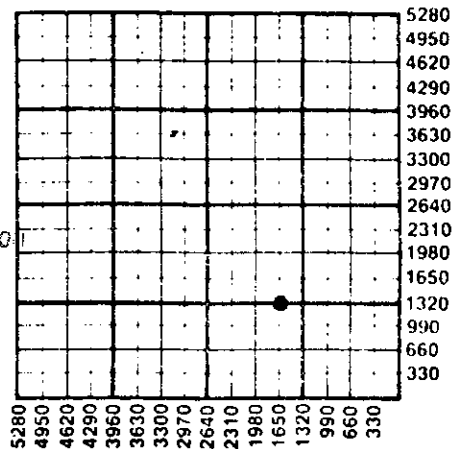
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)
If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
5-25-88 6-4-88 7-10-88
Spud Date Date Reached TD Completion Date
5100
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 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
Cement Company Name
Invoice #

API NO. 15-007-22-189-0000
County Barber
E/2 W/2 SE Sec 2 Twp 33 Rge 14 East West
1320 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Angell Well # 4
Field Name Hinzsite, South
Producing Formation Viola Dolomite
Elevation: Ground 1892 1900 KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #
Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water 1320 Ft North from Southeast Corner (Stream, pond etc.) 1650 Ft West from Southeast Corner Sec 2 Twp 33 Rge 14 East West
Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 Chas. W. Sanders
Title President Date 09/30/88

Subscribed and sworn to before me this 30th day of September 1988
Notary Public Otis H. Collingwood
Date Commission Expires November 30, 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)
10-3-88 (1)

Sec. 2 Twp. 33 Rge. 14 E

Operator Name Kachina Oil Company, Inc. Lease Name Angell Well # 4

Sec. 2 Twp. 33 Rge. 14 East West County Barber

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 4686-4735 (Rotary)

op30 si30 op60 si60

Initial flow: Strong blow off bottom of bucket in 5 minutes.

Final flow: Strong blow gas to surface in 5 minutes, too small to measure. Recovered 150' gas cut mud

IHP 2305psi FHP 2467
 IFP 112-112psi FFP 102-102psi
 ICIP 408psi FCIP 858psi

Name	Top	Bottom
Heebner	4006	(-2106)
Lans-Kansas City	4197	(-2297)
Base Kansas City	4608	(-2708)
Mississippian	4697	(-2797)
Kinderhook shale	4950	(-3050)
Viola	5016	(-3116)
RTD	5100	(-3200)
LTD	5102	(-3202)

DST # 2 4940-5035 (Rotary)

op30 si30 op90 si90

Initial flow: Weak building to fair blow

Final flow: Fair building to strong blow off bottom of bucket.

Recovered: 390' gas in pipe 30' gas cut mud

IHP 2490psi FHP 2467psi
 IFP 40-40psi FFP 51-51psi
 ICIP 102psi FCIP 204psi

CASING RECORD New 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 Casing	12 1/2"	8 5/8"	20	311'	Com	200	60/40 poz
Production		4 1/2"		5075'			

PERFORATION RECORD
 Shots Per Foot Specify Footage of Each Interval Perforated
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

4 spf	5026-34	1000 gal. mud acid + 5000 gal. mud acid frac. 30,000 sand	5034'
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TUBING RECORD
 Size 2 3/8 Set At 5075' Packer at Liner Run Yes No

Date of First Production 07/01/88 Producing Method Flowing Pumping Gas Lift Other (explain)

Estimated Production Per 24 Hours	Oil bbls	Gas MCF	Water bbls	Gas-Oil Ratio	Gravity
	50	0	0		44°

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled

