

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, Inc.....
Address 200 W. Douglas, Suite 510.....
City/State/Zip Wichita, KS. 67202.....
Purchaser Clear Creek, Inc.
McPherson, Kansas 67460.....
Operator Contact Person Chas. Sanders.....
Phone316..252-2531.....
Contractor: License # 5929
Name Duke Drilling Company, Inc.....
Paul C. Caragianis & Charles King
Wellsite Geologist.....
Phone 316 722-9575 & 265-9385.....

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

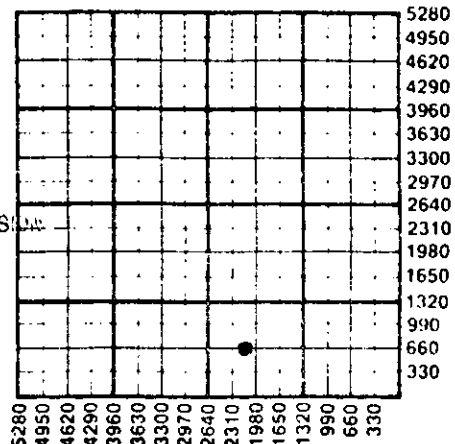
WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
6-9-88 6-16-88 7-6-88
Spud Date Date Reached TD Completion Date
5100'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 312 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 # ..
A I T I

API NO. 15-007 - 22,193 - 0000
County Barber
Approx. E/2
W/2 SW SE 2 33 Rge 14 East
Sec..... Twp..... Rge..... X West

660 Ft North from Southeast Corner of Section
2210 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Angell Well # 5
Field Name Hinzsite, South
Producing Formation Viola Dolomite
Elevation: Ground 1875 1883 KB

Section Plat



RECEIVED
OCT 3 1988
10-3-88
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

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
X Surface Water 660 Ft North from Southeast Corner
(Stream, pond etc) 4620 Ft West from Southeast Corner
Sec 2 Twp 33 Rge 14 East 14 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

Notary Public Otis H. Collingwood
Subscribed and sworn to before me this 30 day of September 1988
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

Operator Name Kachina Oil Company, Inc. Lease Name Angell Well # 5

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 4670-4725 (Rotary)
 op30 si 45 op60 si60
 Initial flow: Strong blow
 Final flw: Strong blow gas to surface 10 minutes into final flow.
 Recovered: 270' gas cut mud
 120' muddy water (89,000ppm)
 IHP 2317psi FHP 2297psi
 IFP 142-152psi FFP 203-223psi
 ICIP 1085psi FCIP 1246psi
 DST # 2 4930-5020 (Rotary)

Name	Top	Bottom
Heebner	3995	(-2112)
Lans-Kansas City	4182	(-2299)
Base Kansas City	4595	(-2712)
Mississippian	4687	(-2804)
Kinderhook Shale	4937	(-3054)
Viola	5002	(-3119)
RTD	5100	(-3217)

op45 si45 op75 si60
 Initial flow: Strong blow gas to surface in 15 minutes
 Final flow: Strong blow-see gas flow chart
 Recovered: 90' gas cut mud(w/specks of oil)
 420' oil and gas cut mud(30%oil, 40%gas)
 300' gassy oil (gravity 44)
 IHP 2520psi; IFP 91-172psi; ICIP 1419psi; FHP 2500psi; 274-335psi; FCIP 1368psi

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	12 1/2"	8 5/8"	20#	312'	60/40 Poz	200	.2% gel, .3% D.C.
Production	7 7/8"	4 1/2"	10.5#	5087'	Surfill	200	300 Gal Mud Sweep

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4spf	5006-14; 5018-26; 5026-34	1000 gal. mud acid 5000 gal. mud acid	

TUBING RECORD Size 2 3/8 Set At 5034' Packer at _____ Liner Run Yes No

Date of First Production 07/06/88 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil bbls	Gas MCF	Water bbls	Gas-Oil Ratio CFPB	Gravity
	75	- 0 -	- 0 -		44

METHOD OF COMPLETION

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

