

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 # 08887
Name Kachina Oil Company, Inc.
Address 200 W. Douglas - Suite 510
City/State/Zip Wichita, Kansas 67202

Purchaser N/A

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

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

Wellsite Geologist Paul Caragianis
Phone 316-265-7201

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If **OWO**: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
12/31/87 02/03/88 02/28/88
Spud Date Date Reached TD Completion Date
5110'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 301 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 #

Air I

API No. 15-007-22,173-0000
County Barber
C NE SE 2 33S 14 East
Sec Twp Rge East West

1980 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

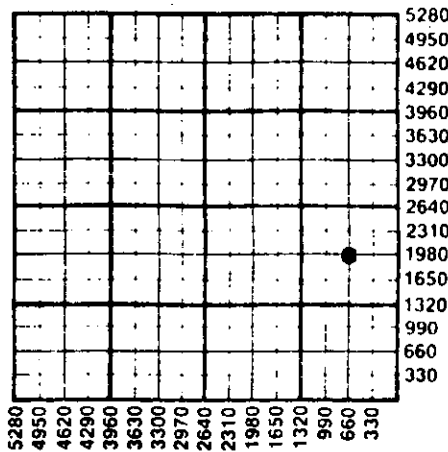
Lease Name Angell Well # 1

Field Name Hinzsite

Producing Formation Mississippian

Elevation: Ground 1904' 1911' KB

Section Plat



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

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge 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.

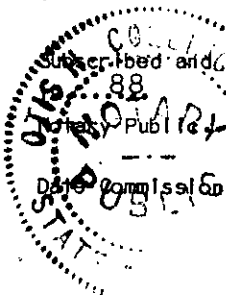
STATE CORPORATION COMMISSION
JUL 20 1988
CONSERVATION DIVISION
Wichita, Kansas

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 07/28/88

Subscribed and sworn to before me this 28th day of July 1988
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)



Sec. 8, Twp 33S, Rge 14E

SIDE TWO

Operator Name Kachina Oil Co., Inc. Lease Name Angell Well # 1

Sec. 2 Twp. 33So Rge. 14W 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

DST #1 4691-4745 (Wire-Tech)
 op 30 si 45 op 45 si 60
 Strong blow-gas to surface in 17 minutes recovered: 80' mud
 120' Gas and water cut mud 20% gas, 20% water, 80% mud; 120' Mud and gas cut water (20% gas, 20% mud, 80% water
 IHP 2377 psi FHP 2274psi
 IFP 114-145psi FFP 145-166psi
 ICIP 1668psi FCIP 1637psi

DST #2 5025-45 (Wire-Tech)
 op30 si30 op30 si 30
 Weak blow and died in 15 minutes on initial flow. Very weak blow and died in 5 minutes on final blow.
 Recovered: 10' Drilling mud
 IHP 2540psi FHP 2506psi
 IFP 56-56 FFP 56-56psi
 ICIP 56psi FCIP 56psi

Formation Description
 Log Sample

Name	Top	Bottom
Heebner	4012	(-2101)
Douglas Shale	4044	(-2133)
Lansing Kansas City	4209	(-2298)
Stark Shale	4546	(-2635)
Base Kansas City	4615	(-2704)
Mississippian	4701	(-2790)
Kinderhook Shale	4956	(-3045)
Viola	5022	(-3111)
RTD	5110	(-3199)
LTD	5113	(-3202)

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#	300	60/40poz	125	2%Gel, 3%cc
Production	7-7/8"	4 1/2"	10.5	5082'	Surfill	150Sks	20bblKCL 300gal Mud Sweet

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 sts/ft.	4700-4710' Mississippi	750 gal. mud acid-with	2% K.C.L.

TUBING RECORD

Size	Set At	Packer at	Liner Run
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production | Producing Method
 Shut-in Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	200 BOPD	800mcf			

METHOD OF COMPLETION

Production Interval

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

