

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: 300 W. Douglas, Suite 635
City/State/Zip: Wichita, KS, 67202

Purchaser: CLEAR CREEK, INC.
M. PIERSON, KANSAS 67450

Operator Contact Person: Chas. Sanders
Phone: (316) 262-2531

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

Wellsite Geologist: PAUL CARAGIANIS
Phone: 316-262-7291

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
..3-20-88... ..4-12-88... ..4-13-88...
Spud Date Date Reached TD Completion Date
..5145'.....
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 313 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

API No. 15-007-22-180-0000

County Barber

C...SW...SE Sec. 2 Twp 33 Rge 14 East West

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

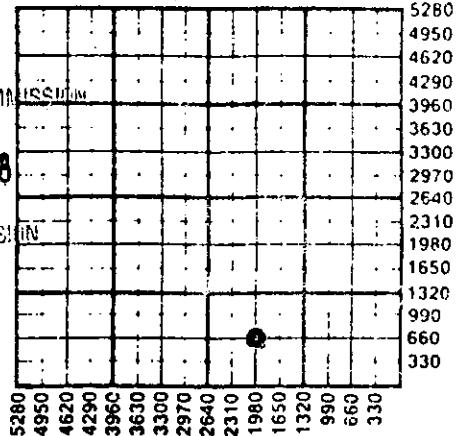
Lease Name: Angel

Field Name: HINZSITE South

Producing Formation: VIOLA DOLOMITÉ

Elevation: Ground 1883 KB 1889

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) 296-5717

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 660.....Ft North from Southeast Corner
(Stream, pond etc) 660.....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.

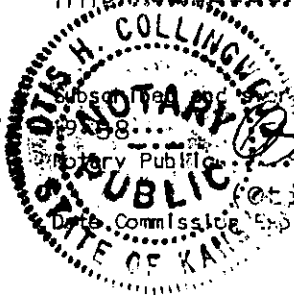
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: CHAS. W. SANDERS

Title: President Date: 09/15/88

Subscribed and sworn to before me this 15th 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)
9-2-88

Sec 2 Twp 33 Rge 14 W

Operator Name Kachina Oil Company, Inc. Lease Name Angell Well # 2

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 4679-4736

op 30 si 30 op 45 si 60

Initial flow: Strong blow off bottom bucket in 20 minutes

Final flow: Strong blow - no gas to surface

Recovered: 3400' gas in pipe
 90' gas cut mud (10% gas, 90% mud)
 60' slightly oil cut gassy mud (15% gas, 1% oil, 74% mud)

IHP 2316psi FHP 2286psi
 IFP 112-112psi FFP 112-112psi
 ICIP 224psi FCIP 425psi

DST#2 4998-5020

op 30 si 45 op 90 si 45

Initial flow: Strong blow off bottom bucket in 1 minute - Gas to surface in 15 minutes

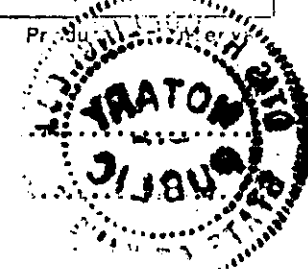
Final flow: See gas flow chart

Recovered: 445' free oil
 120' froggy oil

IHP 2316psi FHP 2372psi
 IFP 112-89psi FFP 134-201psi
 ICIP 1555psi FCIP 1533psi

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 Production	12"	8-5/8"	20#	313'	90/40 port	150	2% gel, 3% c.c.
		5 1/2"		5135'	Surfill	150	5# gilsonite
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	5014 - 20			3000 lbs sand		S200	
				1000 gel mud acid		KZLL	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method						
MAY 3rd 1988	<input type="checkbox"/> Flowing <input checked="" 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		
	55 Bbls	— MCF	— Bbls		44		

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



DRILLER'S WELL LOG

DATE COMMENCED: March 30, 1988
DATE COMPLETED: April 13, 1988

KACHINA OIL COMPANY, INC.
Angell #2
C SW SE
Sec. 2-33-14W
Barber County, KS

0 - 501'	Surface soil, sand & shale
501 - 1430'	Red Bed & Shale
1430 - 1819'	Shale & Lime Streaks
1819 - 2410'	Lime & Shale Streaks
2410 - 2921'	Shale Streaks & Lime
2921 - 3142'	Lime & Shale
3142 - 3788'	Shale & Lime
3788 - 4271'	Lime & Shale
4271 - 4539'	Lime
4539 - 4736'	Chert & Lime
4736 - 4796'	Lime & Chert
4796 - 4989'	Lime
4989 - 5070'	Chert
5070 - 5145'	Chert & Sand
5145'	RTD.

ELEVATION: 1883'

Surface Pipe: Set new
8-5/8", 20# at 313' with
150 sacks 60/40 pozmix,
2% gel, 3% c.c.

Production Pipe: Set
used 5 1/2" at 5135' with
150 sacks surfill, 5#
gilsonite @ sx

RECEIVED
STATE CORPORATION COMMISSION
STATE CORPORATION

SEP 21 1988
9-21-88
CONSERVATION DIVISION
Wichita, Kansas

A F F I D A V I T

STATE OF KANSAS
COUNTY OF BARTON) ss

JOHN ARMBRUSTER of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

John J. Armbruster
John Armbruster

SUBSCRIBED AND SWORN to before me this 25 day of April, 1988.



Dorothy M. Hague
Notary Public