

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 Exline Fuels
Oklahoma City, Oklahoma

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

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

Wellsite Geologist H. Marvin Douglass
Phone 316-262-2742

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
2-15-88 2-22-88 2-23-88
Spud Date Date Reached TD Completion Date
4555
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 250 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set
If alternate 2 completion, cement circulated from feet depth to w/SX cmt
Cement Company Name
Invoice #

API

API NO. 15-151-21,879-00-00
County Pratt
NE SE SE Sec. 31 Twp 29 Rge 12 East
West

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

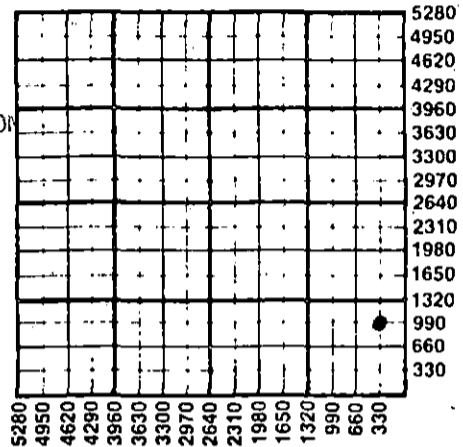
Lease Name Hager Well # 1

Field Name we Hirt, South

Producing Formation Viola lime

Elevation: Ground 1888 KB 1893

Section Plat



RECEIVED
AUG 12 1988
8-12-1988
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 # T88103

Groundwater 990 Ft North from Southeast Corner
(Well) 330 Ft West from Southeast Corner of
Sec 31 Twp 29 Rge 12 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.

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, Pres.

Title: President Date: 08/10/88

Subscribed and sworn to before me this 10th day of August 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 Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)
8-12-88

Sec 31, Twp 29, Rge 12

SIDE TWO

Operator Name Kachina Oil Company, Inc. Lease Name Hager Well # 1

Sec. 31 Twp. 29 Rge. 12 East West County Pratt

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

Name Top Bottom

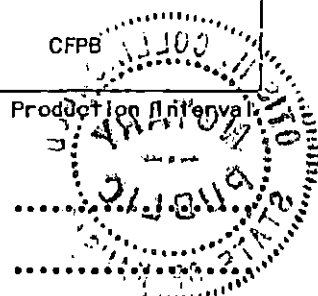
DST#1 - 4320'-4390' - weak blow through-
 out both flow periods
 IHP 2155 FFP 95psi
 IFP 85psi FCIP 118psi
 ICP 102 FHP 2145

(See Driller's Well Log Attached)

DST#2 - 4493'-4517' (Viola)
 IHP 2238 FFP 223psi
 IFP 254psi FCIP 1507
 ICP 1549 FHP 2226

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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"	23#	250	60/40poz	175	2% gel, 3% c.c.
Production	4 1/2"	4 1/2"	10 1/2#	4554	mudflush	20bbl	150sax surefil
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4spf	4494-4517'			1000 gal. 20% acid		4545'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method						
August 5, 1988	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity		
N/A		500mcf					

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



DRILLER'S WELL LOG

DATE COMMENCED: February 15, 1988
DATE COMPLETED: February 23, 1988

KACHINA OIL COMPANY, INC.
Hager #1
NE SE SE
Sec. 31-T29S-R13W
Pratt County, KS

0 - 199' Surface Soil, Clay
199 - 784' Red Bed
784 - 803' Anhydrite
803 - 1050' Shale & Lime Streaks
1050 - 3354' Shale & Lime
3354 - 3910' Lime & Shale
3910 - 4312' Lime
4312 - 4374' Lime, Chert
4374 - 4415' Chert, Lime
4415 - 4550' Sand, Lime
4550' RTD

ELEVATION: 1893 K.B.

Surface Pipe: Set new 8-5/8" 23# pipe at 250' with 175 sacks 60/40 pozmix, 2% gel, 3% c.c.

Production Pipe: Set used 4 1/2", 10 1/2# pipe at 4554' with 20 bbls. mudflush and 150 sacks surefill.

RECEIVED
STATE COMPOSITION COMMISSION
STATE COMPOSITION

AUG 12 1988

CONSERVATION DIVISION
Wichita, Kansas

A F F I D A V I T

STATE OF KANSAS
COUNTY OF BARTON) ss

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

Leonard Williamson
Leonard Williamson

SUBSCRIBED AND SWORN to before me this 23 day of February, 1988.

Dorothy M. Hague
Notary Public

