

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 Corporation
Address 200 W. Douglas, Ste 510
City/State/Zip Wichita, Ks. 67202

Purchaser: Inland Purchasing & Transportation, Wichita, KS

Operator Contact Person Chas Sanders
Phone 316-262-2531

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist Kris Kennedy
Phone (316) 263-7997

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

9/30/87 10/8/87 10/9/87
Spud Date Date Reached TD Completion Date

4355'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 306.46 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

API NO. 15-145-21,266-0000

County Pawnee

E/2 SW/4 SE/4 Sec 30 Twp 20 Rge 20 East West

660 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

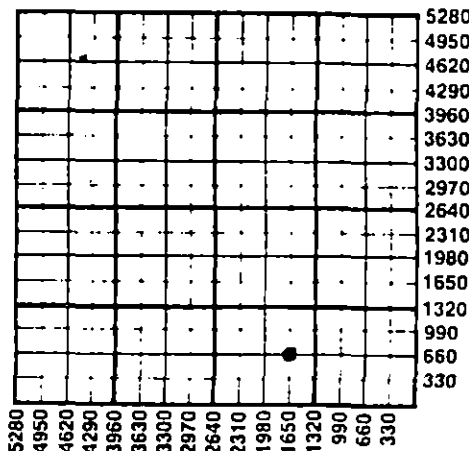
Lease Name Pelton Well # 1

Field Name Steffen

Producing Formation Mississippian Osage/Chert

Elevation: Ground 2189' KB 2194'

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 300 Ft North from Southeast Corner (Stream, pond etc) 2500 Ft West from Southeast Corner Sec 28 Twp 20 Rge 20 East West

Other (explain) Steve Miller/RED #2, Burdette Ks (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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 Sanders

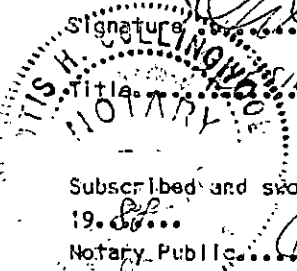
Title: President Date: 06/15/88

Subscribed and sworn to before me this 6th day of JUNE 1988

Notary Public: [Signature]

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)
6-15-88



CONSERVATION DIVISION
Wichita, Kansas

Sec 30 Twp 20 Rge 20

Operator Name Kachina Oil Corporation Lease Name Pelton Well # 1
 Sec. 30 Twp. 20 Rge. 20 East West County Pawnee

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

CASING RECORD <input checked="" 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	12 1/4"	8 5/8"	20#	314'	60/40 poz	185	3% A-7.2% gel
production	7 7/8"	4 1/2"	10.5#used	4349'	Surefill	75	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
			4330'				
Date of First Production		Producing Method					
DECEMBER, 1987		<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		CFPB		

METHOD OF COMPLETION

Production Interval

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

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 OIL AND GAS CORPORATION COMMISSION
 LAWSON DIVISION
 KANSAS

14240-8/258

Kachina Oil Operating Corp.
 #1 Pelton C E/2 SW SE Sec. 30-20s20w
 Pawnee County, Kansas

Geological supervision of the above referenced well was from 3950' to total depth. A copy of the drilling time log and sample description is included with this report in the pocket on the back cover.

The following is data pertaining to this test;

OPERATOR:	Kachina Oil Operating Corporation
CONTRACOR:	Red Tiger Rig #7
DRILLING COMMENCED:	9/29/87
DRILLING COMPLETED:	10/9/87
SURFACE PIPE:	8 5/8" set @ 300'
PRODUCTION CASING:	4 1/2" set @ 4350'
ROTARY TOTAL DEPTH:	4355'
LOG TOTAL DEPTH:	4360*
ELECTRICAL SURVEY:	Gamma Ray-Neutron-Guard Caliper, Compensated Density Neutron Wire Tech
CORING RECORD:	none
MUD COMPANY:	Chemical: Mud-Co., Inc.
DRILL STEM TESTS:	Ricketts Testing - 3 tests
ELEVATION:	KB: 2194' GL: 2189'

The following formation tops were determined from rotary-sample measurements. All depths are measured from the kelly bushing.

FORMATION	DEPTH	REFERENCE		SUB SEA ELEVATION
		A	B	
Anhydrite	1363'	+5	+3	+ 831
Base/Anhydrite	1389'			+ 801
Heebner Shale	3705'	+8	+6	-1511
Lansing/Kansas City	3757'	+7	+5	-1563
Cherokee	4247'			-2053
Ft. Scott	4261'	+2	+3	-2067
Mississippian/Osage	4325'		+5	-2131
True Osage	4349'	-17	+14	-2155
RTD	4355'			-2161
LTD	4360'			-2166

Structural Position to Reference Wells:

- A) Lario #1 Steffen 'C' 60' E C SE SE Sec. 30-20s-20w
- B) Lario #5 Steffen C SE SW Sec. 30-20s-20w

ELECTRICAL SURVEYS: A Gamma Ray-Neutron-Guard Caliper survey was run from TD to 3700' and from 2740' to 2250'. A Compensated Density-Sidewall Neutron was also run from TD to 3700' and from 2740' to 2250'. Surveys by Wire-Tech.

*The E-Log TD was 6' deeper than Rotary RD and casing strap @ TD.

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Wichita, Kansas

Kachina Oil Operating Corp.
#1 Pelton C E/2 SW SE Sec. 30-20s-20w
Pawnee County, Kansas

DRILL STEM TEST #1

4300' - 4335' Mississippian/Osage
Rotary Measurements
Times: 30-60-45-90
First Flow: Weak Blow, died in 25"
Second Flow: No blow
Recovery: 10' rotary mud, no show oil
ISIP: 107 IFP: 63-63 IHP: 2302'
FSIP: 74 FFP: 63-63 FHP: 2282
BHT: 121° F

DRILL STEM TEST #2

4300' - 4345' Mississippian/Osage
Rotary Measurements
Times: 30-60-30-30
First Flow: Weak blow throughout
Second Flow: No blow
Recovery: 15' Rotary mud w/few spots oil
ISIP: 148 IFP: 63-74 IHP: 2228
FSIP: 74 FFP: 74-74 FHP: 2174
BHT: 122° F

DRILL STEM TEST #3

4332' - 4355' Mississippian/Osage
Rotary Measurements - Tool slid to bottom 5'. Slight packer leak on 1st flow period
Times: 30-60-45-90
First Flow: Good blow off bottom in 25"
Second flow: Good blow off bottom in 25"
Shut-in blew 12" throughout SIP
Recovery: 240' gas (drill pipe=5" OD)
120' Free Oil (wt.pipe) 39° corrected
60' muddy oil (55% oil, 35% mud, 10% filtrate water)
60' heavy oil cut mud (wt.pipe)
(40% oil, 40% mud, 20% filtrate water)
60' oil cut muddy water (wt.pipe)
(15% oil, 85% water)
120' muddy water (wt.pipe) 44,000 ppm chlorides
ISIP: 1240 IFP: 116-148 IHP: 2250
FSIP: 1229 FFP: 180-211 FHP: 2206
BHT: 122° F

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Wichita, Kansas

Kachina Oil Operating Corp.
#1 Pelton C E/2 SW SE Sec. 30-20s-20w
Pawnee County, Kansas

ZONES OF INTEREST AND SUMMARY OF SHOWS: E-LOG MEASUREMENTS

DOLOMITE

2318' - 2322'
2326' - 2331'

Average 11% neutron porosity, 4% density porosity
Average 11% neutron porosity, 2% density
Historically 4-5 miles south, this has been a gas producing zone as discovered by Benson Mineral Group.

CHERT

4331' - 4350'

Tan, white, light grey tripolitic weathered occasionally with recrystallized quartz crystals along fracture planes, occasional vuggy to very finely pinpoint to weathered porosity. Porosity judged to be fair. Slight show free dark brown oil with a spotty to sub-saturated dark brown stain. No odor was detected. (covered by DST's 1 and 2)

CHERT

4353' - 4360'

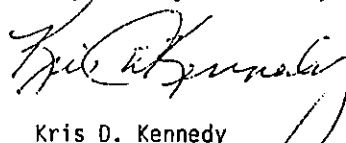
Tripolitic to increasing amount of fresh white to buff chert. Fair to occasionally good recrystallized vuggy to pinpoint porosity in and along edges and sides of fresh chert. Show of light amber free oil upon break (very minute oil globules). Some gas in pore spaces. Spotty to sub-saturated light brown stain in above mentioned porosity. Very faint odor noted upon break. (covered by DST 3)

The Kachina #1 Pelton ran structurally high on all horizons to both reference wells; the Lario #1 Steffen C SE SW Sec. 30-20s-20w and Lario #5 Steffen C SE SE Sec. 30-20s-20w. However, on the top of the Mississippian/Osage, (the producing zone in the Lario #1 Steffen 'C'), the Kachina #1 Pelton was 17' low, but was 14' high to the Lario Steffen #5 to the west, on the stratigraphically equivalent zone.

On the basis of DST #3 and the structural advantage over the Lario #5 Steffen, it was determined that production casing should be set and the Kachina #1 Pelton be further tested for production in the Mississippian/Osage Chert through an open hole completion attempt. Four and one half production casing was cemented 5' off bottom and after a light clean-up acid, the well should be commercial. However, large amounts of fluid will have to be moved for the well to be commercial.

Prior to abandonment, the Herrington-Krider Dolomite should be perforated from 2326' to 2331' and from 2318' to 2322'.

Respectfully Submitted,



Kris D. Kennedy
Certified Petroleum Geologist #3627

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CONSERVATION DIVISION
Wichita, Kansas

INVOICE

SERVICE FRACTURING COMPANY

Customer #524
Invoice No. 205

Box 1741 - 806-665-7221 - Hwy 152 West
PAMPA, TEXAS 79066-1741

15.145.21266.0000

Your Order No.

Kachina Oil Company
300 West Douglas #635
Wichita, Kansas 67202

Job Date January 19, 1988

Invoice Date January 25, 1988

Signed for you by: Mike Kirkman

Field Order No. 21626

Well Pelton #1

Station Pratt

County Pratt

Type Treatment Frac New-Well

State Kansas

Formation Mississippi

4349'-4355'

Reference No.

Description

Amount

33.5 cwt.	KCI	
20 gals.	CL-33	
20 gals.	NE-15	
600 lbs.	A-Gel	
120 cwt.	20/40 sand	
120 cwt.	20/40 pump charge	
1 gal.	Breaker E	
15 gals.	TWT	
1	TC-600	
1	BPM blender	

INVOICE

SERVICE FRACTURING COMPANY

Customer #524
Invoice No. 131

Box 1741 - 806-665-7221 - Hwy 152 West
PAMPA, TEXAS 79066-1741

Your Order No.

Kachina Oil Company
300 West Douglas #635
Wichita, Kansas 67202

Job Date October 28, 1987

Invoice Date October 30, 1987

Signed for you by: W. French

Field Order No. 21597

Well Pelton Prospect

Station Pratt

County Pratt

Type Treatment Acid New-Well

State Kansas

Formation MISSISSIPPI 4349'-4355'

Reference No.

Description

Amount

300 gals.	15% acid	
.5 gals.	A-2	
100 lbs.	KCL	
300 gals.	HCS	