

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 # 5509  
name SunWest Exploration Co.  
address 9785 S. Maroon Circle, #310  
City/State/Zip Englewood, CO 80112

Operator Contact Person ~~Mark DeLong~~ George Rooy  
Phone 303-790-2177

Contractor: license # 5418  
name Allen Drilling Company  
Box 1389, Great Bend, KS 67530  
Wellsite Geologist Doug McGinness II

Phone  
PURCHASER People's Natural Gas  
Designate Type of Completion

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

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

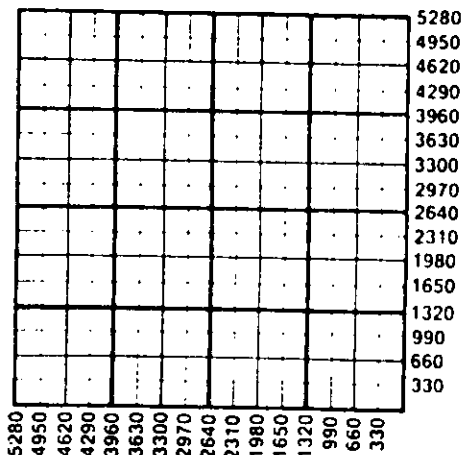
WELL HISTORY

Drilling Method: X Mud Rotary Air Rotary Cable  
7-6-84 7-11-84 8-9-84  
Spud Date Date Reached TD Completion Date  
4441' 2902'  
Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 344' 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. 15-007-21,805-0000  
County Barber  
C. NE NW Sec 26 Twp 32 Rge 11  
660 Ft North from Southeast Corner of Sec  
3300 Ft West from Southeast Corner of Sec  
(Note: locate well in section plat below)

Lease Name Clyde Van Iwaarden Well #1  
Field Name New Rhodes, N.E.  
Producing Formation TARKO SAND  
Elevation: Ground 1495' KB 1500'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit # T84-391  
Groundwater Ft North From Southeast Corner (Well) Ft West From Southeast Corner Sec 26 Twp 32S Rge 11 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. #)

Disposition of Produced Water: Disposal Repressuring  
Docket #

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. Rules 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 82-3-11 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.

RECEIVED  
STATE CORPORATION COMMISSION  
8-27-84  
AUG 27 1984

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

Signature George B. Rooy IV  
Title Petroleum Engineer Date 8-24-84  
Subscribed and sworn to before me this 24th day of AUGUST 1984  
Public Charlotte M. Leach  
Commission Expires 4-19-87

K.C.C. OFFICE USE ONLY  
Letter of Confidentiality Attached  
Wireline Log Received  
Drillers Timelog Received  
Distribution: KCC, KGS, SWD/Rep, Plug, NGPA, Other (Specify)

15-007-21805-0000  
 SIDE TWO  
 Clyde Van

Operator Name SunWest Exploration Co. Lease Name Iwaarden Well# 1 SEC 26 TWP 32 RGE 11

**WELL LOG**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test 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  
 FORMATION

DST #1 - 2557'-2588' (corrected to well log), 30-30-30-30, ISIP #1078, IFP 48-223, FFP 242-359, FSIP #1048, strong blow. Recovered 580' saltwater (very slightly gas cut). T-101° F.

Formation	Well Log (Date)
Onaga Shale	2563 (-1063)
Indian Cave Sand	2568 (-1068)
Wabaunsee Group	2610 (-1110)
Tarkio Sand	2792 (-1292)
Heebner Shale	3577 (-2077)
Toronto Limestone	3600 (-2100)
Douglas Shale	3635 (-2135)
Douglas Sand	3700 (-2200)
Lansing	3750 (-2250)
Base/Kansas City	4229 (-2729)
Cherokee Shale	4402 (-2902)
Mississippi Chert	4422 (-2922)
Total Depth	4433 (-2933)

DST #2 - 2773'-2800' (corrected to well log), 30-30-30-30, ISIP #1203, IFP 156-281, FFP 359-378, FSIP #1203, GTS/5", F/353 MCFGPD/10", F/1057 MCFGPD/30", F/1760 MCFGPD/55". Recovered 130' GCM, no water. T-101° F.

DST #3 - 4417'-4446' (corrected to well log), 30-30-45-45, ISIP #145, IFP 32-32, FFP 32-32, FSIP #359, weak blow building to strong blow. Recovered 480' GIP and 35' GCM. T-118° F.

RELEASED

SEP 18 1985

FROM CONFIDENTIAL

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"	23#	344'	60/40 Poz	250 sks	2% Gel, 3% CC
Production	7-7/8"	5-1/2"	14#	2902'	60/40 Poz	125 sks	10% Salt, 10# Gilsonite, 3/4% CFR-2

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	2793' to 2796'	200 gal DSFE (15%)	2793'

TUBING RECORD			
size	set at	packer at	Liner Run
2 3/8	2780'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production	Producing method				
Shut In	<input checked="" type="checkbox"/> flowing	<input 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
	0 Bbls	2500 MCF	0 Bbls	CFPB	.63

Disposition of gas:  vented  sold  used on lease

METHOD OF COMPLETION  
 open hole  perforation  other (specify)

PRODUCTION INTERVAL  
 2793' to 2796'

SEP 6 1984  
 CONFIDENTIAL

RECEIVED  
 STATE CORPORATION COMMISSION

State Geological Survey  
 WICHITA BRANCH

AUG 27 1984  
 8-2784  
 CONSERVATION DIVISION  
 Wichita, Kansas