

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 Company
address 9785 S. Maroon Circle, Suite 310
City/State/Zip Englewood, Colorado 80112

Operator Contact Person Robert Ferro, Jr.
Phone 303-790-2177

Contractor: license # 5418
name Allen Drilling Company

Wellsite Geologist Doug McGinness
Phone 316-267-6065

PURCHASER Racht

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 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: Mud Rotary Air Rotary Cable

7-24-84 7-30-84 9-10-84
Spud Date Date Reached TD Completion Date
4740' 4738'
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 410 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. 15-151-21,459-0000
County Pratt
C SW SW Sec 31 Twp 27S Rge 15 X W

660 Ft North from Southeast Corner of Section
4620 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

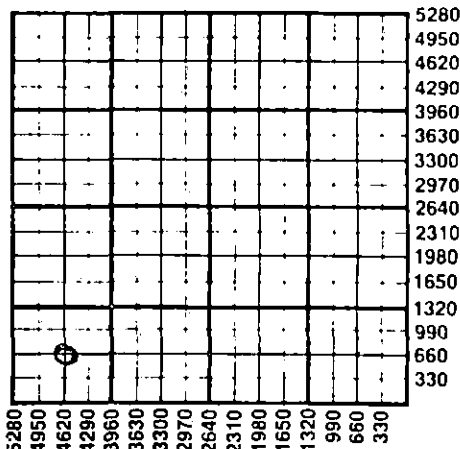
Lease Name Ekanger Well# 1

Field Name N.E. Wellsford

Producing Formation Mississippi

Elevation: Ground 2097' KB 2102'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # T84-445

Groundwater Ft North From Southeast Corner ar
(Well) Ft West From Southeast Corner
Sec Twp Rge East West

Surface Water Ft North From Southeast Corner ar
(Stream, Pond etc.) Ft West From Southeast Corn
Sec Twp Rge East West

Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket # RCD 9-17-84

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 82-3-107 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 George B. Rooy III
Title Petroleum Engineer Date 9-14-84

Subscribed and sworn to before me this 14th day of September 1984

Notary Public Charlotte M. Lewis
Date Commission Expires 9-18-87

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

Sec. 31 Twp. 27 Rge. 15 W

Operator Name SunWest Exploration Co. Lease Name Ekanger Well# 1 SEC. 31 TWP. 27S RGE. 15

East
 West

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

See attached sheet for DST's
 + Sample Tops

RELEASED

JAN 17 1986

FROM CONFIDENTIAL

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	12-1/4"	8-5/8"	23#	410'	60/40 Poz	351 sks	2% Gel, 3% CC 1/4# Flosea/sk
Production	7-7/8"	5-1/2"	14#	4738'	50/50 Poz	175 sks	2% Gel, 3% CC

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	4622 to 4630	2500 gal Acid (15%), 16,600# sand + 18,300 gal sludge	4622-30
2	4194 to 4202, 4252 to 4260, 4312 to 4316	Note	
2	4344 to 4347	Note	

TUBING RECORD

size 2 3/8 set at 4680' packer at 4600 Liner Run Yes No

Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)			
9-14-84	Oil	Gas	Water	Gas-Oil Ratio Gravity
Estimated Production Per 24 Hours	10 Bbls	0 MCF	10 Bbls	29 CFPB

METHOD OF COMPLETION

Disposition of gas: vented sold used on lease
 open hole perforation other (specify) _____
 Dually Completed. Commingled

PRODUCTION INTERVAL

4622-4630'

FORMATION TOPS

<u>Formation</u>	<u>Well Log (Datum)</u>	<u>Sample (Datum)</u>	<u>St Pos</u>
Heebner Shale	3931 (-1829)	3935 (-1833)	+20'
Douglas Shale	3963 (-1861)	3967 (-1865)	+24'
Brown Lime	4091 (-1989)	4097 (-1995)	+23'
Lansing	4109 (-2007)	4115 (-2013)	+25'
Base/Kansas City	4407 (-2305)	4412 (-2310)	+22'
Cherokee Shale	4576 (-2474)	4583 (-2481)	+19'
Cherokee Sand	4589 (-2487)	4596 (-2494)	+19'
Mississippi	4620 (-2518)	4625 (-2523)	+18'
Kinderhook Sand Zone	4677 (-2575)	4683 (-2581)	+29'
Viola Chert	4713 (-2611)	4719 (-2617)	N/A
Total Depth	4738 (-2636)	4740 (-2638)	----

DESCRIPTION OF ZONES OF INTEREST

Cherokee Sandstone (Basal Pennsylvanian) - 4589-4599 (Gearhart).

Sandstone, gray, fine to medium grained, sub-rounded, fairly well sorted, friable to quartzitic, faint odor, no show of free oil, scattered to even stain and saturation, scattered fluorescence.

Mississippian - 4621-4639 (Gearhart).

Chert, white to opaque, fresh fractured to slightly weathered, 30% weathered, fair show of free oil, gas bubbles, gilsonite stain, scattered medium to dark stain and saturation, faint odor, scattered gold fluorescence.

DST #1 - 4628'-4645', 30-30-45-45,
 ISIP #179, IFP 38-38, FFP 38-38,
 FSIP #294, very weak blow, increased
 to a weak blow, increased to a fair
 blow. Recovered 60' very slightly
 oil cut mud with free oil in tool.
 T-122°F.

RELEASED

JAN 17 1986

FROM CONFIDENTIAL
 STATE CORPORATION COMMISSION

SEP 17 1984

CONSERVATION DIVISION
 Wichita, Kansas

SEP 9 1984
CONFIDENTIAL

State Geological Survey
 WICHITA BRANCH