

TIGHT HOLE

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 # 5171
name TXO Production Corporation
address 1800 Lincoln Center Bldg.
City/State/Zip Denver, Colorado 80264

Operator Contact Person Frank D. Tsuru
Phone (303) 861-4246

Contractor: license # 5866
name J. W. Gibson Well Service & Drilling
Company

Wellsite Geologist
Phone

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

9/10/84 9/18/84 9/30/84
Spud Date Date Reached TD Completion Date

5300' 5264
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 492.96 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set 1776.68' feet

If alternate 2 completion, cement circulated
from 1776 feet depth to 1200' w/ 100 SX cmt

API NO. 15-071-20328-0000

County Greeley

NE SE NW Sec 12 Twp 16S Rge 43 Xv
(location)

3630 Ft North from Southeast Corner of Sect
2970 Ft West from Southeast Corner of Sect
(Note: locate well in section plat below)

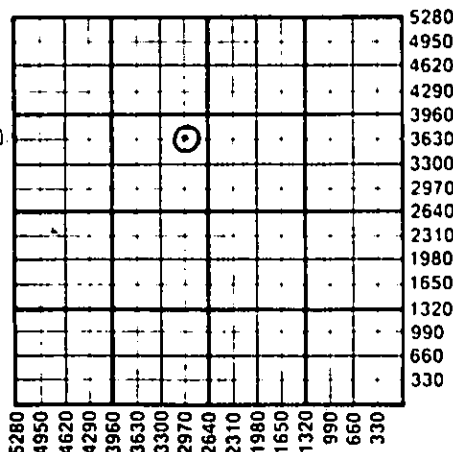
Lease Name Rosenberg Well# A#5

Field Name S. W. Stockholm

Producing Formation Lower Morrow

Elevation: Ground 3906 KB 3916

Section Plat



WATER SUPPLY INFORMATION

Source of Water: Trucked

Division of Water Resources Permit # N/A

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

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

Other (explain) Gibson Drilling Purchased Water
(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 82-3-10 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 statement herein are complete and correct to the best of my knowledge.

Signature Frank D. Tsuru 10/22/84

Title Drilling & Production Engineer Date 10-22-84

Subscribed and sworn to before me this 23 day of October 1984

Notary Public Nancy Lynn Willis
Date Commission Expires Jan 1, 1986

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)

TIGHT HOLE

SIDE TWO

Operator Name TXO Production Corp. Lease Name Rosenberg Well# A#5 SEC 12 TWP 16S RGE 43 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
Cottonwood	3370	
Meva	3460	
Foraker	3550	
Wabaunsee	3666	
Topeka	3890	
Heebnu	4115	
Lansing	4216	
Marmaton	4606	
Ft. Scott	4690	
Cherokee	4733	
Atoka	4868	
Morrow	5040	
Lower Morrow SD	5131	

RELEASED

JAN 17 1986

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 1/2"	8 5/8"	24#	492'	Lite-Neat	240	3% CaCl ₂
Production	7 7/8"	4 1/2"	10.5#	5300'	50-50 poz	200	5% Salt
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	5131-5154			Acidize w/1500 Gal. 7 1/2% MSR-100			5131-5154
				Frac w/29000 Gal. 3% Gelled Acid			
				27000# 20/40 SD & 500 SCF/Bbl CO ₂			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
size 2 3/8		set at 5080		packer at 5080			
Date of First Production T & A	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) Temp. Aband						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify) _____
 Dually Completed.
 Commingled

PRODUCTION INTERVAL