

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 # 9152
name MAREXCO
address 10403 W. Colfax Ave., #680
City/State/Zip Lakewood, CO 80215

Operator Contact Person Stephen W. Marden
Phone (303) 237-5716

Contractor: license # 4083
name Western Kansas Drilling

Wellsite Geologist Stephen W. Marden
Phone (303) 237-5716

PURCHASER

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

11/11/86 11/20/86 11-21-86
Spud Date Date Reached TD Completion Date

4800
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 412 feet

Multiple Stage Cementing Collar Used? D & A Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from feet depth to w/

STATE CORPORATION COMMISSION

CONSERVATION DIVISION
Wichita, Kansas

1-29-87

API NO. 15 - 153-20,674 - 00-00

County Rawlins

NW SW Sec 31 Twp 5S Rge 36 X West

1980 Ft North from Southeast Corner of Section
4620 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

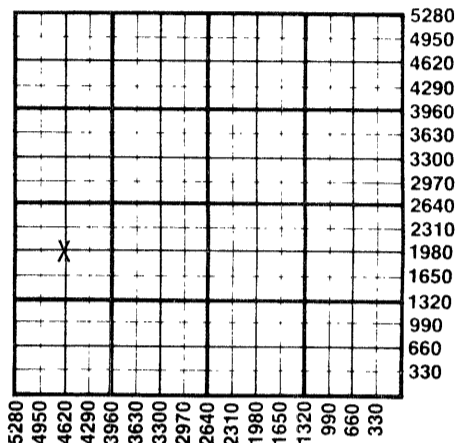
Lease Name Tovrea Well# 13-31

Field Name Tovrea

Producing Formation P & A

Elevation: Ground 3417 KB 3422

Section Plat



WATER SUPPLY INFORMATION

Source of Water: hauled

Division of Water Resources Permit #

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

Surface Water Ft North From Southeast Corner and
(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 82-3-107 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 Stephen W. Marden
Title Date

Subscribed and sworn to before me this 26th day of January 19 87

Notary Public Nancy L. Derose
Date Commission Expires Feb. 28, 1989

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

Sec. 31 Twp. 5 S. Rge. 36 W

SIDE TWO

Operator Name MAREXCO Lease Name Tovrea Well# 13-31 SEC 31 TWP. 5S RGE. 36 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

DST #1 (4405-4490)
 30-45-30-60
 Recovered 690' gassy muddy water with oil specks
 IHP 2258# FHP 2127#
 IFP 117-267# FFP 310-417#
 ISIP 1315# FSIP 1315#

Name	Top	Bottom
Anhydrite	3116	(+306)
Heebner Shale	4254	(-832)
Toronto Limestone	4292	(-870)
Lansing Formation	4312	(-890)
Stark Shale	4512	(-1090)
Marmaton	4607	(-1185)
Pawnee	4696	(-1274)

DST #2 (4658-4693')
 30-30-0-0
 Recovered 5' mud
 IHP 2356# FHP 2313#
 IFP 22-22# FFP Flushed
 ISIP 22# FSIP Pulled tool

CASING RECORD <input 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"	24#	412'	60-40 poz.	250 sx.	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
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing method <input 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		
	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