

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-.....103-20,288.....

County...Leavenworth.....

N/2 NW SE Sec. 22 Twp. 8 S Rge. 21 X East
..... West

2310 Ft North from Southeast Corner of Section
...1980... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

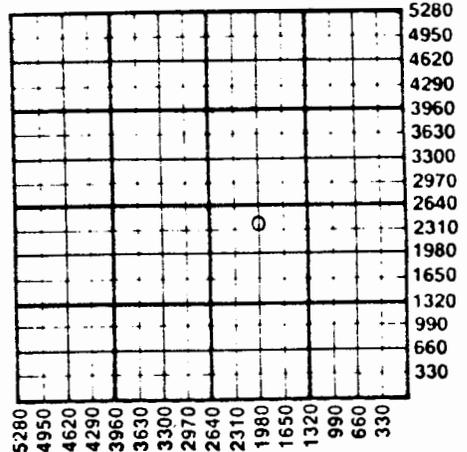
Lease Name.....Morrow.....Well #.....1....

Field Name.....EASTON, EAST.....

Producing Formation...Mclouth.....

Elevation: Ground.....1093.....KB.....

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: _____ Disposal
Docket # _____ Repressuring

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.....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. #)

Operator: License # 5502
Name ..Energy Management.....
Address514 Broadmoor Court.....
City/State/Zip ..Wichita, KS 67206.....

Purchaser...Maclasley Oil Purchasing.....

Operator Contact Person ..Bill Mitchell.....
Phone ..316-688-5554.....

Contractor: License # 5101
Name ..K & W Drilling.....

Wellsite Geologist ..Kenneth D. Spear.....
Phone.....316-721-0572.....

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

WELL HISTORY OCT 25 1985

Drilling Method:

Mud Rotary _____ Air Rotary _____

..10-23-84 ..10-25-84 ..11-30-84..
Spud Date Date Reached TD Completion Date

1540'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 81 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from 1520.....feet depth to surface 137 SX cmt
Cement Company Name Consolidated Services
Invoice #

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 ..Kenneth D. Spear.....

Title...Geologist..... Date 10-24-85.

Subscribed and sworn to before me this 24th day of Oct. 1985.

Notary Public...Victoria L. Hayes.....

Notary Commission Expires 11-9-88



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)

Sec 22 Twp. 8 S Rge 21 E

Operator Name Energy Management Lease Name Morrow Well # 1

Sec. 22 Twp. 8 S Rge. 21 East West County Leavenworth

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
U. Mcclouth	1382'	1387'
L. Mcclouth	1436'	1448'
Mississippian	1502'	not reached

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	9 5/8"	7"	20	81'	Common	57	2% CaCl
Production	6 1/2"	4 1/2"	9.5	1520'	Common	137	2% NaCl

PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)		Depth
3	1436' - 1445'		350 gallons 15% MCA 8,000 # Sand & 250 bbl gelled water.		

TUBING RECORD				Liner Run
Size	Set At	Packer at		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2 3/8"	1450'	none		

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).....	
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	8 Bbls	Trace MCF	2 Bbls	0	CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 1436-1445.....
 Used on Lease Dually Completed
 Commingled