

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 # 8458
Name Trans-Western Operating Co.
Address P.O. Box 276
Golden, CO
City/State/Zip

Purchaser Permian
5800 E. Shell Dr.
Tulsa, OK 74135

Operator Contact Person Doug Isserud
Phone 303-279-2995

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist W. E. Kendall
Phone (303) 861-1402

Designate Type of Completion

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

If OWD: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

10-24-87 10-31-87 11-20-87
Spud Date Date Reached TD Completion Date

5300' 5226'
Total Depth PBTD

8-5/8" @ 424'

Amount of Surface Pipe Set and Cemented at...feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set...feet

If alternate 2 completion, cement circulated from 1.945 feet depth to surf...w/ 500 SX cmt

Cement Company Name Dowell

Invoice # 03-12-0106

API NO. 15-199-20,119-00-00

County Wallace

NE..NE..SE.... Sec 30.... Twp 15S..Rge 42... East West

2310..... Ft North from Southeast Corner of Section
330..... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

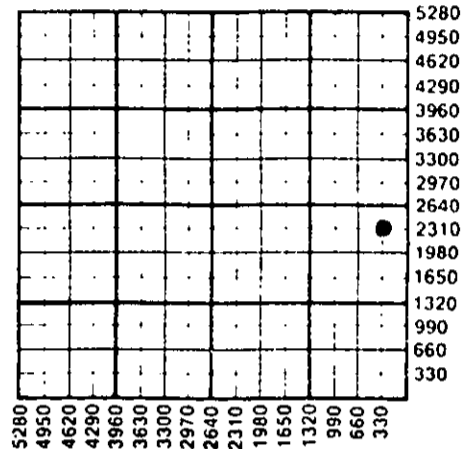
Lease Name Krautkramer Well # 1-30

Field Name Stockholm (Extension) SW

Producing Formation Morrow

Elevation: Ground 3,895 KB 3,900'

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: Hauled.

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) D. Bergquist, Box 25, Weskan, KS
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 H. W. Pack

Title Consultant Date 12-7-87

Subscribed and sworn to before me this 11th day of December 1987.

Notary Public Debi Reagan

Date Commission Expires 1-18-88

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 30 Twp 15S Rge 42W

DEC 2 - 12-21-87 Form ACO-1 (5-86)

Operator Name Trans-Western Operating Co. Lease Name..... Krautkramer Well #..... 1-30

Sec..... 30 Twp..... 15S Rge..... 42 East West County..... Wallace.....

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
Stone Corral	2,765	
Heebner	4,122	
Lansing	4,179	
Morrow Shale	5,020	
Morrow Sand	5,120	
St. Genevieve	5,165	

RELEASED

JAN 11 1989

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 Production	12 1/2" / 7-7/8"	8-5/8" / 5 1/2"	24 / 15.5	424' / 5,258'	60-40 Poz / 50% Poz	250 / 125	2% gel, 3% cc / 5% Salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
4	5,120-5,129			250 Gal 7 1/2% MsR Frac'd w/ 516 B gel'ed			
				2% KCL wtr (yF 130) & 22,500# 20-40 sd			
TUBING RECORD		Size 2-7/8"	Set At 5,175	Packer at N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First Production	Producing Method						
11-24-87	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours After Frac	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	70Bbls	TSTM MCF	15Bbls	- CFPB	42		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 5,120'-5,129'
 Used on Lease Dually Completed
 Commingled