

ORIGINAL

FORM MUST BE TYPED

SIDE ONE

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

Operator: License # 30689
Name: Marathon Oil Company
Address: P.O. Box 2690
City/State/Zip: Cody, WY 82414-2690
Purchaser: _____
Operator Contact Person: Randy Meabon
Phone: (307) 587-4961
Contractor: Name: Gibson Well Service
License: 5866
Wellsite Geologist: None

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas EHHR SICW
 Dry Other (Core, USW, Expl., Cathodic, etc)
Gas Injection

If Workover:
Operator: Marathon Oil Company
Well Name: Krautkramer 3 #29
Comp. Date 4/19/89 Old Total Depth 5300'
 Stimulated perforations
 Deepening Re-perf. Conv. to "In" SWD
 Plug Back 5233' PBTD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No. E-26, 799

9/30/1997 3/28/89 9/30/1997
Starting Date Date Reached TD Completion Date
of Workover of Workover

API NO. 15- 199-20170-0007
County Wallace
SW - SW - SE Sec. 29 Twp. 15S Rge. 42 X
330 Feet from SW (circle one) Line of Section
2310 Feet from SW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)
Lease Name Krautkramer 3 Well # 29
Field Name Stockholm
Producing Formation Morrow
Elevation: Ground 3866' KB 3874'
Total Depth 5300' PBTD 5233'
Amount of Surface Pipe Set and Cemented at 350 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth sec 1935 Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan REWORK 2H 4-16-98
(Data must be collected from the Reserve PFC)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
Quarter Sec. Twp. S Rng. E/W
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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: Randy Meabon
Title: Regulatory Coordinator Date: 3/13/98

Subscribed and sworn to before me this 13th day of March
19-98
Notary Public: Connie A. O'Conna
Date Commission Expires: 9-16-2000

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 SWD/Rep NCPA
 Plug Other
(Specify)
Notary Public
State of Wyoming
My Commission Expires Sept. 5, 2000
Form ACO-1 (7-91)

03-16-98

Operator Name Marathon Oil Company Lease Name Krautkramer 3 Well # 29

Sec. 29 Twp. 15S Rge. 42 East West
 County Wallace

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No) NA		NA
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
List All E.Logs Run:			

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#	350'	Lite Common	125 75	No Add. 3% CaCl ₂
Production	7-7/8"	5-1/2"	15.5#	5281'	50-50 Poz Lite	125 300	5% salt; 4#/sk 2% CaCl ₂ cel

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5112'-5126' Jet Perforations 4/89		
4	5112'-5126' Jet Perforations 7/96		
		Sept 30, 1997, 155 bbls 2% KCl water	5112'-26'

TUBING RECORD	Size <u>2 3/8" tubing in the hole</u>	Set At	Packer At <u>5073'</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. Resumed gas injection-- <u>9/30/1997</u>	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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 5112'-5126'
 (If vented, submit ACO-18.) Other (Specify)

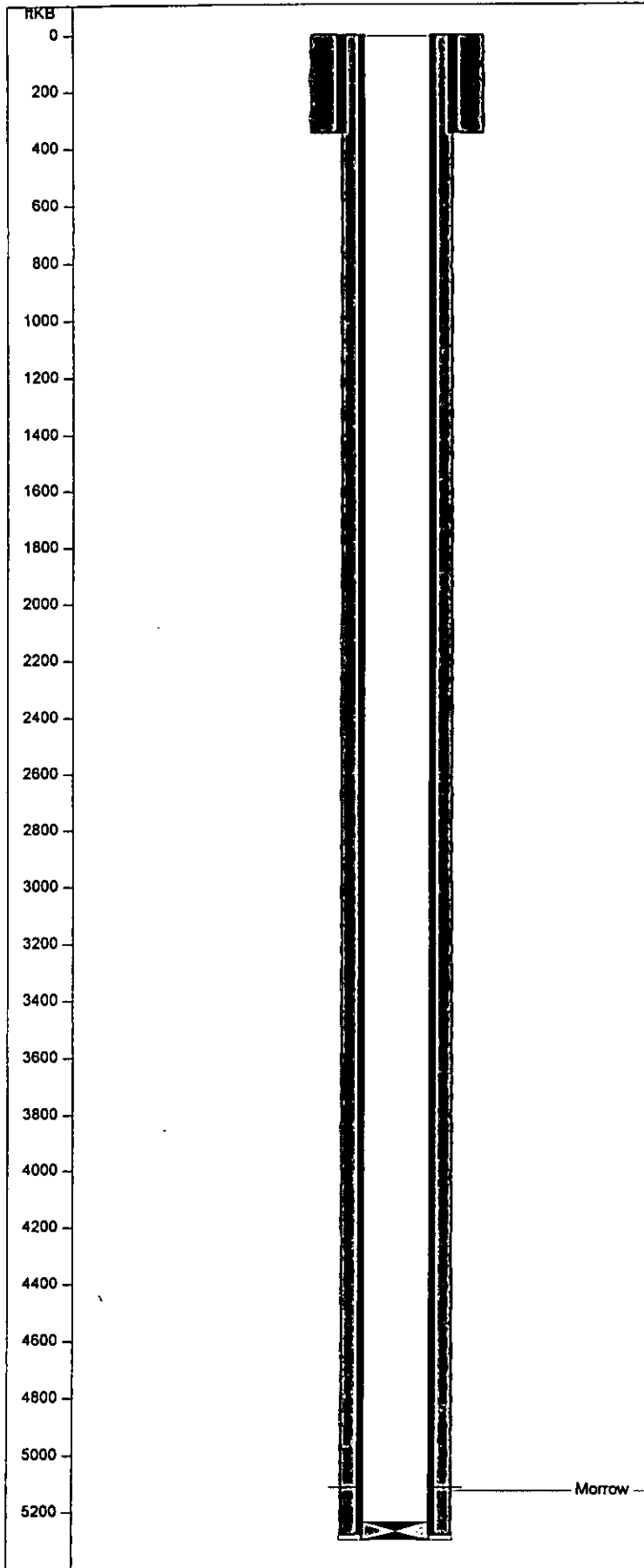
METHOD OF COMPLETION INJECTION Production Interval

DST: KCC-Orig +1, WRF, EMG, DTJ, RHS, SJP, T&C (Hous), Cheyenne Wells, Colo

MARATHON OIL COMPANY

ORIGINAL

15-199-20170-00-03



Krautkramer J-29						
API Code	15-199-20170	Field Code				
TD	5300.0 RKB	Basin				
PBTD	5233.0 RKB	Basin Code				
Operator	MOC	Permit	25-Mar-94			
Slate	Kansas	Spud	03-Mar-89			
County	Wallace	Finish Dr				
Permit No.		Completion				
TD Measured		Abandon	06-Apr-89			
Reservoir	Morrow					
Field	STOCKHOLM					
Location						
Meridian	6th	Top Latitude	0			
Twship	15 South	Top Longitude	0			
Range	42 West	Top NS Distance				
Section	330' FSL, 2310' FEL Sec. 29	Top EW Distance				
Quarter	SW SE Sec. 29	Bottom Latitude	0			
		Bottom Longitude	0			
		Blm NS Distance				
		Blm EW Distance				
Elevations						
KB	3874.0 ft	Cas Fing				
Grd	3866.0 ft	Tub Head				
KB-Grd	8.0 ft					
Formation/Horizon Tops						
Top (ftKB)	TVD (ftKB)	Formation	Code	frm.user3	Source	
5124.0	5124.0	Morrow				
Casing String - Surface						
Item (In)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd
8 5/8 in Casing	350.0	8	8 3/32	24.00		
Casing String - Production						
Item (In)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd
5 1/2 in Casing	5281.0	128	4 61/64	15.50	LTC	
Casing Cement						
Casing String	Top (ftKB)	Amount (sx)	Comments			
Surface	0.0	200				
Production	0.0	475				
Perforations						
Date	Int	Zone	Shots (/ft)	Type		
06-Apr-89	5112.0 - 5126.0	Morrow	4.0	Jet Perforation		
26-Jul-96	5112.0 - 5126.0	Morrow	4.0	Jet Perforation		
Other (plugs, equip., etc.) - Plug Backs/Abandements						
Date	Item			Int (ftKB)		
25-Mar-94	Plug Back			5233.0 - 5300.0		
General Notes						
Date	Note					
26-Jul-96	Reperfrd as below:					
30-Sep-97	Performed break down of 155 bbl. 2% KCl water at 3.5-6.5 BPM and 2000-2700 psi. Injection prior was 60 MCFD at 463 psi while injection after was 78 MCFD at 301 psi. The equipment was not pulled for this work and remains set as before with the pkr. at 5073' on 2 3/8" tubing.					