

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 1501 Stampede Avenue

City/State/Zip Cody, WY 82414-4721

Purchaser: N/A

Operator Contact Person: R. P. Meabon

Phone (307:) 587-4961

Contractor: Name: Murfin Drilling

License: 6003

Wellsite Geologist: Russel Bak

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: Marathon Oil Company

Well Name: Krautkramer #2-30

Comp. Date 12/87-1-98 Old Total Depth 5292'

Deepening Re-perf. Conv. to Inj/SWD

Plug Back 5227' PBSD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

7/16/96

8/5/96

Starting Date of Workover 7/16/96 Date Reached TD 8/5/96 Completion Date of Workover

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 confidentially 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.

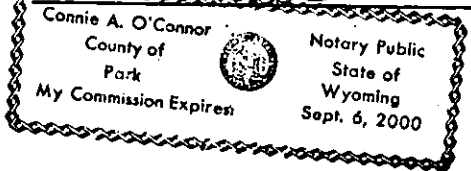
Signature R.P. Meabon

Title REGULATORY COORDINATOR Date 9/27/96

Subscribed and sworn to before me this 27th day of September, 1996.

Notary Public Connie A. Connor

Date Commission Expires 9-6-2000



API NO. 15- 199-20126 ⁰⁰¹ ^{KCC 03} ORIGINAL

County Wallace

NE - SE - NE - 30 Sec. 15S Twp. 42 Rge. X ^E ^W

3630 Feet from SN (circle one) Line of Section

330 Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one)

Lease Name Krautkramer Well # 2-30

Field Name Stockholm

INJECTION Producing Formation Morrow

Elevation: Ground 3901' KB 3906'

Total Depth 5292' PBSD 5226'

Amount of Surface Pipe Set and Cemented at 432 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1970

feet depth to Surface w/ 225 sx cmt.

Drilling Fluid Management Plan REWORK 976 11-5-96 (Data must be collected from the Reserve Pit) ACT IF

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used 10-04-97

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Operator Name Marathon Oil Company Lease Name Krautkramer Well # 2-30
 Sec. 30 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes NA
 (Submit Copy.)
 List All E.Logs Run:

Name	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample	
	Top	Datum
Blaine Salt	2275'	
Stone Corral	2775'	
Heebner	4132	
Morrow Shale	5030'	
Morrow Sand	5128'	
St. Genevieve		

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 1/2	8-5/8	24	432	60-40 Poz	250	2% gel, 3% CC
Production	7-7/8	5-1/2	15.5	5284	50-50 Poz	125	5% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	4511-4541	1	120	Class 'H' Neat Cement

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	5133'-5142'		250 gal 7 1/2% MSR
4	5126'-5133'		6 bbls. 15% MSR	
4	5133'-5142'	7/29/96	135 bbls. 2% Clayfix Water	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	5060'	5060'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or (Inj)			Producing Method		
8/5/96			<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
	N/A	N/A		Injecting 180 MCFPD at 180 psi	

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____
 Production Interval _____

Dist: KCC-Orig +1, WRF, EMG, DMJ, CRA, GJP, VLS, T&C(HOUS), LAMAR

MARATHON OIL COMPANY ORIGINAL

