

FORM MUST BE TYPED

SIDE ONE

15-071-20393-00-02

ORIGINAL

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
Purchaser: Koch
Operator Contact Person: R.P. Meabon
Phone (307) 587-4961
Contractor: Name: Gibson
License: 5866
Wellsite Geologist: None
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: Edsall F #8
Comp. Date 10/22/93 Old Total Depth 5300'
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
9/29/93 Date OF START Date Reached TO 9/30/93
OF WORKOVER OF WORKOVER

API NO. 15- 071-20, 8930002
County Greeley
NE - SE - NE - Sec. 1 Twp. 16S Rge. 43 ^E
1650 Feet from N (circle one) Line of Section
330 Feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE SE SW or NW (circle one)
Lease Name Edsall F Well # 8
Field Name Stockholm
Producing Formation Morrow
Elevation: Ground 3868' KB 3873'
Total Depth 5300' PBTD 5248'
Amount of Surface Pipe Set and Cemented at 384 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2772 Feet
If Alternate II completion, cement circulated from 2772
feet depth to Surface w/ 350 sx cmt.
Drilling Fluid Management Plan REWORK 9/4 6-1-95
(Data must be collected from the Reserve Pit)
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 Randal P Meabon
Title Regulatory Coordinator Date 11/11/94
Subscribed and sworn to before me this 11th day of November, 19 94.
Notary Public Carol M. Rosencrance
Date Commission Expires 4-17-96

Carol M. Rosencrance Notary Public
County of _____ State of Wyoming
Park
My Commission Expires _____ Apr. 17, 1996

RECEIVED K.C.C. OFFICE USE ONLY
CONFIDENTIAL (Letter of Confidentiality Attached)
C _____ Wireline Log Received
NOV 8 1994 Geologist Report Received
Distribution
KCC _____ SWD/Rep _____ NGPA
WICHITA, KANSAS _____ Plug _____ Other _____
(Specify)

Form ACO-1 (7-91)
11-21-1994 91

SIDE TWO

Operator Name Marathon Oil Company

Lease Name Edsall F

Well # 8

Sec. 1 Twp. 16S Rge. 43

East

County Greeley

West

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 No
(Submit Copy.)

List All E.Logs Run: N/A

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Stone Corral	2738'	
Topeka	3890'	
Lansing	4212'	
Marmaton	4610'	
Cherokee	4735'	
Atoka	4858'	
Morrow	5020'	
L. Morrow Sand	5102'	
Mississippian	5122'	

CASING RECORD

New 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"	24.0	384'	Lite/Cl.C	200	2% CaCl ₂
Production	7-7/8"	4-1/2"	10.5	5300'	50-50 Poz	550	5% Salt

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	5102'-5118' Prior to August, 1993		
4	5102'-5118' Sept. 1993	3000 gal NH ₄ Cl, 2000 gal HCl	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	5037'	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, <u>Resumed Production</u> SWD or Inj.	Producing Method
October 22, 1993	<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
12/93	.8 BOPD		1 BWPD		

Disposition of Gas: METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Comingled
 Other (Specify)

5102'-5118' OA

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Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

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Well Name: Edsall F #8
Comp. Date 10/23/93 Old Total Depth 5300'
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
9/21/85 9/28/85 10/14/85/0.23.93
Spud Date Date Reached TD Completion Date

API NO. 15-071-20-893-0002
County Greeley
NE - SE - NE - Sec. 1 Twp. 16S Rge. 43 X W
1650 Feet from N (circle one) Line of Section
330 Feet from E (circle one) Line of Section
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NE SE SW or EW (circle one)
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Field Name Stockholm
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feet depth to Surface w/ 350 sx cmt.

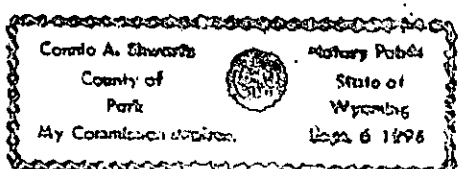
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
_____ Quarter Sec. _____ Twp. _____ S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

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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 10/24/94
Subscribed and sworn to before me this 20th day of October, 1994.
Notary Public Cornie A. Shwartz
Date Commission Expires 9-6-1996

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWB/Rep NGPA
 KGS Plug Other
(Specify)
OCT 27 1994
OCT 27 1994



91

Operator Name Marathon Oil Company

Lease Name Edsall F

Well # 8

Sec. 1 Twp. 16S Rge. 43
 East
 West

County Greeley

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.

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Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
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<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	5102'-5118' Prior to August, 1993		
4	5102'-5118' Sept. 1993	3000 gal NH ₄ Cl water	5188'
		1000 gal 15% HCl	
		1000 gal 15% HCl	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	5150'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First (Resumed Production) SWD or Inj.	Producing Method
10/22/93	<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	.8	N/A	1 BBL	N/A	N/A

Disposition of Gas: METHOD OF COMPLETION

Vented Sold Used on Lease
 (If vented, submit ACO-18.)

Production Interval
 Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

5102'-5118'