

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

API NO. 15- 199-201090001 ORIGINAL

County Wallace

NE - SE - SW - 29 Sec. Twp. 15S Rge. 42 X V

990 Feet from X (circle one) Line of Section

2310 Feet from X (circle one) Line of Section

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

Operator: License # 30689

Name: Marathon Oil Company

Address 1501 Stampede Avenue

City/State/Zip Cody, WY 82414-4721

Purchaser: KOCH

Operator Contact Person: Randy P. Meabon

Phone ( 307 ) 587-4961

Contractor: Name: J W GIBSON WELL SERVICE

License: 5866

Wellsite Geologist: None

Designate Type of Completion  
     New Well      Re-Entry X Workover

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

If Workover/Re-Entry: old well info as follows:

Operator: Marathon Oil Company

Well Name: Wallace R #2

Comp. Date      Old Total Depth 5300'

     Deepening X Re-perf.      Conv. to Inj/SWD  
     Plug Back 5248' PSTD  
     Commingled      Docket No.       
     Dual Completion      Docket No.       
     Other (SWD or Inj?)      Docket No.     

2/25/97 9/4/87 3/3/97

Starting Date of Workover 2/25/97 Date Reached TD 9/4/87 Completion Date of Workover 3/3/97

Lease Name Wallace R Well # 2

Field Name Stockholm

Producing Formation Morrow

Elevation: Ground 3866' KB 3874'

Total Depth 5300' PSTD 5248'

Amount of Surface Pipe Set and Cemented at 436 Feet

Multiple Stage Cementing Collar Used? X Yes      No

If yes, show depth set 1768 Feet

If Alternate II completion, cement circulated from 1768

feet depth to Surface w/ 350 sx cnt.

Drilling Fluid Management Plan REWORK JN: 9-24-97  
(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/V

County      Docket No.     

07-23-97

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 [Signature]

Title Regulatory Coordinator Date 6/18/97

Subscribed and sworn to before me this 18th day of June 1997.

Notary Public Connie A. O'Conna

Date Commission Expires 9-6-2000

Dst: WRF, EMG, DMJ, GJP, DEB, Lamar, T&C (HOUS)

K.C.C. OFFICE USE ONLY

F      Letter of Confidentiality Attached  
C      Wireline Log Received  
C      Geologist Report Received

Distribution  
     JO/Rep      NGPA  
     Plug      Other  
(Specify)

REC  
Missing Public  
Service of  
Notary Public

Operator Name Marathon Oil Company Lease Name Wallace R Well # 2  
 Sec. 29 Twp. 15S Rge. 42  East County Wallace  
 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	XXXX TOP
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Base of Stone Corral	2781'	L. Morrow 5132'
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Foraker	3530'	(Limestone)
List All E.Logs Run:		Wabaunsee	3668'	Mississippian 5148
GR-CCL 5244'-4400'		Topeka-	3935'	
		Heebner	4114'	
		Lansing	4209'	
		Marmaton	4599'	
		Ft. Scott	4657'	
		Cherokee	4712'	
		Atoka	4843'	
		Morrow	5007'	

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#	436	60/40 Poz	225	
Production	7-7/8"	4-1/2"	10.5#	5296	50/50 Poz	200	

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'-5126' [48 TOTAL SHOTS]	20 Bbls. formation water	5102'-26'

TUBING RECORD	Size 2-3/8"	Set At 5149'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	3/3/97	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 50 Bbls.	Gas 55 Mcf	Water --- Bbls.	Gas-Oil Ratio 1100 Gravity 39.4

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: 5102'-5126'

ORIGINAL

11-JUN-97  
10:40:43

MARATHON OIL COMPANY  
HISTORY OF OIL OR GAS WELL  
FROM:25-FEB-97 TO:10-JUN-97 FIELD:STOCKHOLM

PAGE 1

15-199-20109-0001

WELL NO: WALLACE R #2

SEC 29 TWP 15.00S R. 42.00W

990' FSL, 2310' FWL

SE SW

STATE: KS COUNTY: WALLACE

KB Elev. 3874'  
Grd. or Mat. Elev. 3866'  
TD 5300'  
PBSD 5248'

Prep by C.R. Damm  
Title Adv. Engr. Tech.  
Route to: Regulatory   
WRF     

ROD FAILURE

PROJECT SUMMARY: During routine R&M this well was reperforated at 5102'-5126' w/ 4 JSPF and returned to production.

- 25-FEB-97 MIRU GIBSON. START TO POOH WITH PUMP AND RODS. 3/4 RODS LOOK TO BE STRETCHED.
- 26-FEB-97 SHUT DOWN BECAUSE OF SNOW STORM.
- 27-FEB-97 FINISH POOH LAYING DOWN 3/4 RODS. WENT TO RELEASE TAC. WOULD NOT RELEASE. HAMMERED ON IT FOR AWHILE AND CAME FREE. TBG WOULD NOT GO DOWN. NUBOP. POOH WITH TBG.
- 28-FEB-97 FINISH POOH WITH TBG. RIH WITH BULLDOG BAILER AND TAG FILL AT 5176'KB AND CLEAN TO 5187' KB. COULD NOT GET BALER BELOW 5187' KB. POOH WITH BALER AND TBG. RECOVERED FRAC SAND. RIH WITH SEATING NIPPLE AND TBG. RU SWAB.
- 01-MAR-97 SWAB TO LOWER FLUID LEVEL. POOH WITH TBG. RU MERCURY WIRE LINE. RIH WITH 3 3/8" EX GUN WITH 4JSPF 22 GRAM. PERF FROM 5102 TO 5126. POOH WITH GUN AND RD MERCURY. RIH WITH TBG. BULLPLUG SET AT 5149' AND PERF SUB AT 5143'. NIPPLE DOWN BOP. RU SWAB AND SWAB TO CLEAN HOLE.

PERF DATA

VENDOR MERCURY WIRE LINE GUN SIZE 3 3/8 CHG SIZE(GM) 22.0  
CHG TYPE JS CORRELATION LOG USED YES

SEQ: 1 FORM:MORROW SUB: TOP DEP: 5102  
BOT DEP: 5126 DEN SPF: 4 PHAS DEG: 90 TOT SHOTS: 48

cc: Glenda J. Perry, Dave T. Johnson, CODY  
J.L. Miskimins, LAMAR

11-JUN-97  
10:40:43

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HISTORY OF OIL OR GAS WELL  
FROM:25-FEB-97 TO:10-JUN-97 FIELD:STOCKHOLM  
WELL:WALLACE R #2

PAGE 2

03-MAR-97 Swabbed for cleanup. Some sand showing in early runs,  
swabbed until it cleaned up. RD swab. RIH w/ pump and  
rods, picking up new, Cond 1 3/4" rods, and same 7/8" rods.  
POP. RDMO.

05-MAR-97 WELL TEST FOR 3-5-97

50 BOPD 0 BWPD 0 HRS DN 55 MCFPD

09-MAR-97 WELL TEST FOR 3-9-97

45 BOPD 0 BWPD 0 HRS DN 60 MCFPD

12-MAR-97 WELL TEST FOR 3-12-97

30 BOPD 0 BWPD 0 HRS DN 90 MCFPD

MORE  
VH020015

\*\*\* PRODUCTION WELL TEST INQUIRY \*\*\*  
(LAST 15 TESTS - 68 FOUND)

15-199-20/09-00-01

06/11/97

MOC COMPL NAME--> WALLACE R 2-M

WELL COMPL NO--> 24142-0-1

TEST DATE	OIL/COND BPD	WATER BPD	TOTAL FLUID	WATER CUT	GAS MCFPD	TBG PSI	CSG PSI	STROK LENGTH	SPM	FLUD LEVL	FL O PUMP	FL O PERF	I N D
05/31/97	16.04		16.29	1.5	25.0								
04/30/97	21.13		21.32	0.8	35.0								
03/31/97	25.20		26.07	3.3	35.0								
02/28/97	3.60		3.60		15.0								
01/31/97	1.81		1.81		20.0								
12/31/96	1.67		1.67		20.0								
11/01/96	1.49		1.49		15.0								
10/31/96	2.05		2.16	5.0	40.0								
09/02/96	1.98		1.98		40.0								
08/02/96	1.99		1.99		32.0								
07/02/96	2.24		2.24		43.0								
06/02/96	4.93		4.93		16.0								
05/01/96	4.13		4.41	6.3	20.0								
04/02/96	5.11		5.11		38.0								
03/01/96	4.26		4.49	5.1	20.0								

ORIGINAL

24142-0-1  
06/11/97

MARATHON OIL COMPANY

FIELD NAME Stockholm WELL NAME Wallace R-2  
 LOCATION 2310' FWL, 990' FSL NW SW SE SECTION 29 T 15S R 42W  
 COUNTY Wallace STATE Kansas

**SURFACE CASING**

Hole Size: 12-1/4"  
 Casing: 8-5/8", 24#, K-55  
 Casing Set @: 436'  
 Cemented with 225 sxs.

GLE 3,866'  
 KBE 3,874'

**FORMATION TOPS**

Base of Stone Corral 2,781'  
 Foraker 3,530'  
 Wabaunsee 3,668'  
 Topeka 3,935'  
 Heebner 4,114'  
 Lansing 4,209'  
 Marmaton 4,599'  
 Ft. Scott 4,657'  
 Cherokee 4,712'  
 Atoka 4,843'  
 Morrow 5,007'  
 Lower Morrow Limestone 5,132'  
 Mississippian 5,148'

**WELL HISTORY**

Spud Date: 8/25/87  
 Original Owner: TXO  
 IP: 10/7/87  
 BOPD: 55 BWPD: 0  
 MCFD: GOR:  
 Completion Treatment:  
 Break down formation with 48  
 bbls. of formation water.  
 Ran BHP on 9/12/87.

**CEMENT TOP**

**PERFORATIONS**

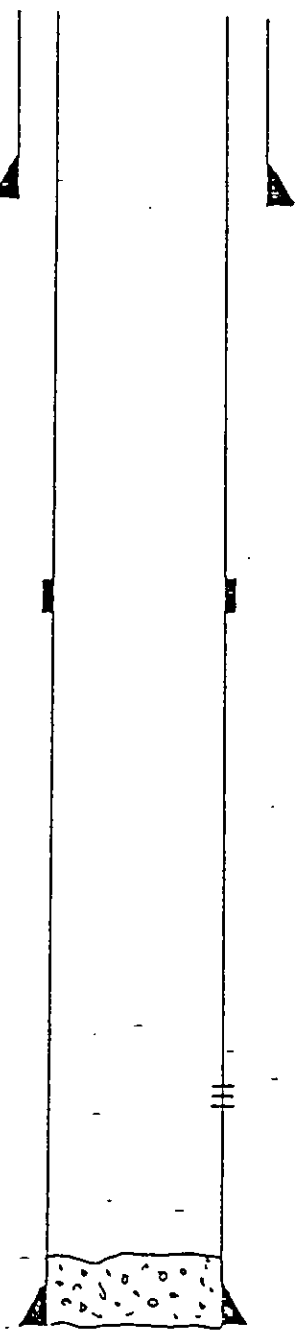
Morrow: 5,102'-5,126', 2 SPF

PBTD 5,248'

**PRODUCTION CASING**

Hole Size: 7-7/8"  
 Casing: 4-1/2", 10.5#, K-55  
 Casing Set @: 5,296'  
 Cemented with 200 sxs.

Cementing sleeve at 1,768'.  
 Cemented with 350 sxs.



5,300' T.D.

**CURRENT DATA**

Pumping Unit:  
 Tubing: 2-3/8" @ 5149'  
 Pump Size:  
 Rod String:  
 Remarks:

3/90: Treat perforations with 750 gals. of xylene, 1000 gals. 7 1/2% MCA-FE, 1800 gals. of 12-3 HF and 600 gals. of MCA-FE.

3/1/97 Repair'd Morrow at 5102'-5126' w/ 4 SPF.