

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

City/State/Zip Cody, WY 82414-4721

Purchaser: Koch

Operator Contact Person: R.P. Meabon

Phone (307) 587-4961

Contractor: Name: Gibson WELL SERVICE

License: #5868

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: TRANSWESTERN OPERATING

Well Name: John Welsh #1-19

Comp. Date 5/1/88 Old Total Depth 5300'

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

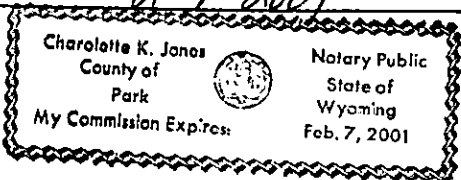
6/17/1997 6/23/1997
 Starting Date Date Reached TD Completion Date
 of Workover of Workover

API NO. 15- 199-20151-0003
 County Wallace
- SW - SW - SE sec. 19 Twp. 15S Rge. 42
330' Feet from N (circle one) Line of Section
2310' Feet from E/W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE, NW or SW (circle one)
 Lease Name John Welsh Well # 1-19
 Field Name Stockholm
 Producing Formation Morrow
 Elevation: Ground 3,923' KB 3,928'
 Total Depth 5,300' PBTD 5,258'
 Amount of Surface Pipe Set and Cemented at 433 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1982 Feet
 If Alternate II completion, cement circulated from 1982
 feet depth to surface w/ 250 sx cmt.
 Drilling Fluid Management Plan REWORK JN 2-26-98
 (Data must be collected from the Reserve Act)
 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, 130 S. Market - Room 2078, 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 R.P. Meabon
 Title Regulatory Coordinator Date 12/31/97
 Subscribed and sworn to before me this 31st day of December, 1997.
 Notary Public Charollette K. Jones
 Date Commission Expires 2-7-2001



K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>	911	<input type="checkbox"/> NGPA
Other (Specify)		

Form ACO-1 (7-91)

01-08-98

Operator Name Marathon Oil Company

Lease Name John Welsh Well # 1-19

Sec. 19 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 No
 (Submit Copy.)
 List All E.Logs Run:

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Blaine Salt	2282'	
Stone Corral	2790'	
Heebner	4150'	
Morrow Shale	5042'	
Morrow Sand	5150'	
St. Genevieve	5178'	

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	433	60-40 Poz	250	3% CaCl ₂ gel
Production	7-7/8	5-1/2	15.5	5291	50% Poz	125	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	N/A			

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
6/18/1997 4 SPF	23 gram charges from 5150'-5164'	None	
	90 total shots		

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed (Production, SWD or Inj.)	Producing Method	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
6/21/1997					
Estimated Production Per 24 Hours	Oil Bbls. 40 BOPD	Gas Mcf 87 MCFPD	Water Bbls. 0 BWPD	Gas-Oil Ratio	Gravity

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

