

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 82414-4721

Purchaser: Koch

Operator Contact Person: R.P. Meabon

Phone ( 307 ) 587-4961, Ext. 3003

Contractor: Name: Patrick Well Service

License: N/A

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: Bergquist #2

Comp. Date 9/12/85 Old Total Depth 5240'

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBSD

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

Spud Date 3/1/95 Date Reached TD --- Completion Date of Workover 3/4/95  
started WO

API NO. 15- 071-203800001

County Greeley

NE - SW - NE - Sec. 6 Twp. 16S Rge. 42  E  W

3630 Feet from  N (circle one) Line of Section

1650 Feet from  W (circle one) Line of Section

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

Lease Name Bergquist Well # 2

Field Name Stockholm

Producing Formation Morrow

Elevation: Ground 3856' KB 3869'

Total Depth 5240' PBSD 5240'

Amount of Surface Pipe Set and Cemented at 475' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 2812 Feet

If Alternate II completion, cement circulated from 2812

feet depth to 250' w/ 250 sx cmt.

Drilling Fluid Management Plan REWORK 8/24 4-13-95  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled off site \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION  
4-10-95  
APR 10 1995  
DIVISION E/W  
WICHITA, KS

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 R.P. Meabon  
Title Regulatory Coordinator Date 4/5/95

Subscribed and sworn to before me this 5th day of April, 1995.

Notary Public Connie A. Stueck

Notary Public Connie A. Stueck  
My Commission Expires Sept. 6, 1996

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)

PI

SIDE TWO

Operator Name Marathon Oil Company

Lease Name Bergquist

Well # 2

Sec. 6 Twp. 16S Rge. 42

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 (Attach Additional Sheets.)  Yes  No

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run (Submit Copy.)  Yes  No

List All E.Logs Run:

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
Stone Corral	2741'	Stockholm S. 5111'
Foraker	3551'	L. Morrow L. 5141'
Topeka	3894'	Mississippian 5155'
Heebner	4113'	
Lansing	4173'	
Marmaton	4597'	
Ft. Scott	4667'	
Cherokee	4720'	
Atoka	4857'	
Morrow	5021'	

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#	475	Lite	230	3% CaCl <sub>2</sub>
Production	7-7/8"	4-1/2"	10.5#	5240	50-50 Poz	200	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 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
2 JSPF	5111'-5140'	None	
4 SPF	5111'-5140' 4 Phase Deg - 90 Total	Shots None	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	5017'		<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First	Resumed Production	SWD or Inj.	Producing Method
	March 4, 1995		<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
	N/A	N/A	N/A		

Disposition of Gas:

METHOD OF COMPLETION

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

Open Hole  Perf.  Dually Comp.  Commingled  Production Interval

5111'-5140'

ORIGINAL

7-MAR-95  
16:22:25MARATHON OIL COMPANY  
HISTORY OF OIL OR GAS WELL  
FROM:01-MAR-95 TO:06-MAR-95 FIELD:STOCKHOLM

PAGE 1

API #15-D71-20380-0001

WELL NO: BERGQUIST #2

SEC 6 TWP 16.00S R. 42.00W

1650' FNL 1650' FEL

SW NE

STATE: KS COUNTY: GREELEY

KB Elev. 3869'  
Grd. or Mat. Elev. 3856'  
TD 5240'  
PBSD 5190'Prep by C.R. Adams  
Title Adv. Engr. Tech  
Route to: Regulatory Eq.  
WRF \_\_\_\_\_

## PRESENT STATUS

CLASS: OIL  
FORMTN: MORROWSTATUS: ACTIVE  
TYPE: SINGLESUMMARY: This well was reperfdrated at 5111'-5140' w/ 4 SPF  
during a routine rod pump change.

## ROD PUMP FAILURE AND REPERFORATE

- 01-MAR-95 MIRU PATRICK WELL SERVICE. UNSEATED PUMP WHILE ATTEMPTING  
TO BACK OFF RODS. POOH W/ PUMP AND RODS. SDFD.
- 02-MAR-95 SWAB WELL DOWN, WAIT 1 HR, NO FLUID ENTRY. RELEASE TAC  
AND POOH W/ TBG. SDFD.
- 03-MAR-95 RU MERCURY WIRELINE AND REPERF WELL. ( SEE TEMPLATE. )  
RU RIH W/ PRODUCTION TBG AND SWAB WELL DOWN. WAITED 30 MIN  
AND FLUID LEVEL CAME UP SDFD.

## PERF DATA

VENDOR MERCURY GUN SIZE 3 3/8 CHG SIZE(GM) 19.0  
CHG TYPE SCS CORRELATION LOG USED 8-30-85SEQ: 1 FORM:MORROW SUB:MORROW TOP DEP: 5111  
BOT DEP: 5140 DEN SPF: 4 PHAS DEG: 90 TOT SHOTS: 116

04-MAR-95 RU RIH W/ PUMP AND RODS. POP W/ GOOD PUMP ACTION. RDMO.

Additional tests attached.

cc: Tom Brock, Lamar Area Office

RECEIVED  
CORPORATION COMMISSION

APR 10 1995

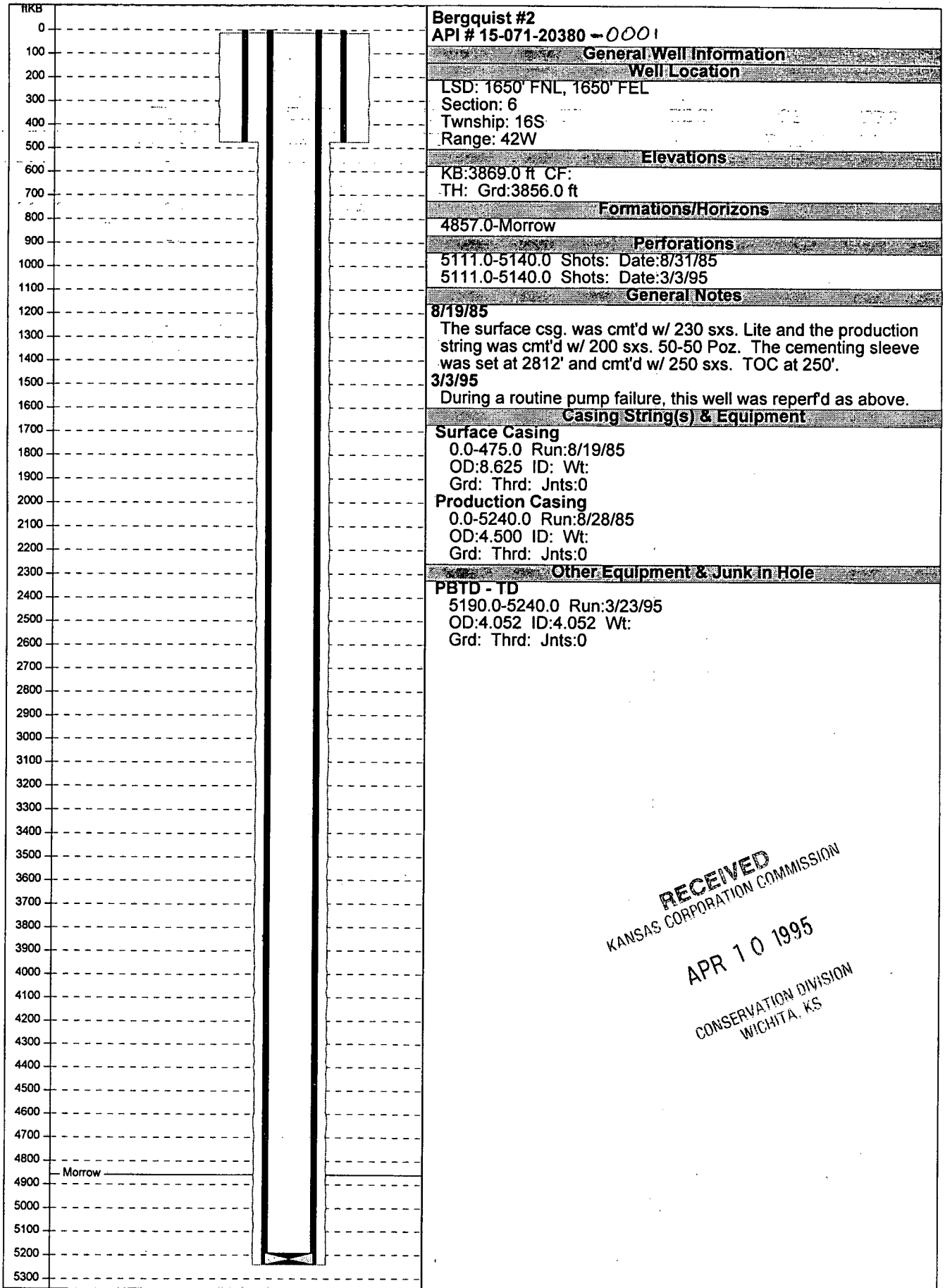
REGULATION DIVISION  
WICHITA, KANSAS

ORIGINAL

ME605323 \* PDRS MARATHON WELL TEST INFORMATION \* ID-16505  
 COMPLETN: 2409101 BERGQUIST #2 YEAR: 1994  
 RESERVOIR: 4958 MORROW ORG CODE: 730  
 OPER PROP: 7809 BERGQUIST 01,02,03,05 API# 15-071-20380-0001  
 UNIT: 00000 P.A.: 00000 TRACT: D.O.: 4970148

TEST DATE	BOPD TEST OIL/COND	BWPD TEST WATER	BFPD TOTAL FLUID	% WATER CUT	MCFD TEST GAS	CSG PRESS	TBG PRESS
JAN 01/01/94	14.97		14.97		1.38		
FEB 02/01/94	13.74	1.16	14.90	7.78	1.38		
MAR 03/01/94	12.30	0.50	12.80	3.90	1.38		
APR 04/01/94	11.83	0.35	12.18	2.87	1.38		
MAY 05/01/94	12.55		12.55		6.00		
JUN 06/01/94	14.50	0.11	14.61	0.75	6.00		
JUL 07/01/94	13.05	0.64	13.69	4.67	6.00		
AUG 08/01/94	13.04	0.61	13.65	4.46	6.00		
SEP 09/01/94	14.90	1.00	15.90	6.28	6.00		
OCT 10/02/94	29.82	1.43	31.25	4.57	6.00		
NOV 11/01/94	21.67	1.33	23.00	5.78	6.00		
DEC 12/01/94	27.88	0.38	28.26	1.34	6.00		
12/01/94	27.88	0.38	28.26	1.34	6.00		
JAN 01/01/95	15.92	0.70	16.62	4.21	6.00		
FEB 02/02/95	21.56	1.72	23.28	7.38	4.20		

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 APR 10 1995  
 CONSERVATION DIVISION  
 WICHITA, KS



**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
 APR 10 1995  
 CONSERVATION DIVISION  
 WICHITA, KS