

FORM MUST BE TYPED

SIDE ONE

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 Ave.

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: NA

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: White AP #1

Comp. Date 2/4/88 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. _____

Starting Date 2/2/95 Date Reached TD ----- Completion Date of Workover 2/8/95

API NO. 15- 199-20, 124002

County Wallace

SW - NE - SE - SE Sec. 24 Twp. 15S Rge. 43 ^E _W

850 Feet from SW (circle one) Line of Section

460 Feet from EW (circle one) Line of Section

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

Lease Name White AP Well # 1

Field Name Stockholm

Producing Formation Morrow

Elevation: Ground 3295' KB 3933'

Total Depth 5300' PBTB 5259'

Amount of Surface Pipe Set and Cemented at 514 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1871 Feet

If Alternate II completion, cement circulated from 1871

feet depth to Surface w/ 350 sx cmt.

Drilling Fluid Management Plan REWORK JH 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 _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. W

County _____ Docket No. _____

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KANSAS CORPORATION COMMISSION
04-10-95
APR 10 1995
CONSERVATION DIVISION
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. Shultz
Notary Public 9th - 1996
State of WY
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)

Form ACO-1 (7-91)

Dist: REC-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, EMG, DMJ, CRA, DRAFTING, LAMAR, T&C (Hous)

PI

Operator Name Marathon Oil Company Lease Name White AP Well # 1
 Sec. 24 Twp. 15S Rge. 43 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.) N/A

List All E.Logs Run:

Log Formation (Top), Depth and Datums Sample

Name	Top	Depth	Datum
Niobrara	984'		
Ft. Hayes	1458'		
Morrison	1941'		
Base Stone Corral	2825'		
Foraker	3572'		
Lansing	4242'		
Ft. Scott	4696'		
Atoka	4878'		
L. Morrow Sand	5148'		
L. Morrow Lm.	5160'		
Mississippian	5172'		

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	514'	Lite, Cl.G	275	3% CC
Production	7-7/8"	4-1/2"	10.5	5300'	50-50 Poz	550	5% NaCl

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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	Depth
4	5151'-5159'		
4	5151'-5159'		
4	5151'-5159' 4 Phase Deg: 90 Total	Shots	None

TUBING RECORD Size 2 3/8" Set At 5087 Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 2/8/95 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil NA Bbls. Gas NA Mcf Water NA Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled 5151'-5159'
 Reinjecting Other (Specify)

7-MAR-95
15:47:36

MARATHON OIL COMPANY
HISTORY OF OIL OR GAS WELL
FROM:01-FEB-95 TO:06-MAR-95 FIELD:STOCKHOLM

PAGE 1

API #15-199-20124-0002

WELL NO: WHITE AP #1

SEC 24 TWP 15.00S R. 43.00W

850' FSL, 460' FEL

SE SE

STATE: KS COUNTY: WALLACE

KB Elev. 3933'
Grd. or Mat. Elev. 3925'
TD 5300'
PSTD 5259'

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

SUMMARY: This well was pulled for tubing failure and reperf'd at 5151'-5159' w/ 4 SPF and the well returned to production.

TUBING FAILURE AND REPERFORATE

- 02-FEB-95 DAILY PRODUCTION DOWN 50 BPD. PRESSURE TBG TO 350 PSIG AND IT LEAKED OFF IN 2 MIN. HIGH WINDS PREVENTED RU GIBSON WELL SERVICE.
- 03-FEB-95 SHUT DOWN DUE TO HIGH WINDS.
- 04-FEB-95 MIRU GIBSON. UNSEAT PUMP AND POOH W/ PUMP AND RODS. RELEASE TAC AND NIPPLE UP BOP. SHUT DOWN DUE TO HIGH WINDS.
- 06-FEB-95 POOH W/ TBG AND SHUT DOWN WAITING FOR HYDROTESTERS.
- 07-FEB-95 HYDROTEST TBG IN HOLE TO 5000 PSIG. FOUND LEAK IN THE 145TH JT. SWAB WELL DOWN TO 5000 FT, RU MERCURY WIRELINE AND REPERF WELL FROM 5151 TO 5159. (SEE TEMPLATE) POOH RD MERCURY AND START IN HOLE W/ TBG. SDFD.

PERF DATA

VENDOR MERCURY GUN SIZE 3 3/8 CHG SIZE(GM) 22.0
CHG TYPE SCS CORRELATION LOG USED 1-12-88

SEQ: 1 FORM:MORROW SUB:MORROW TOP DEP: 5151
BOT DEP: 5159 DEN SPF: 4 PHAS DEG: 90 TOT SHOTS: 32

08-FEB-95 RU RIH W/ TBG AND EQUIPMENT AS BEFORE. SET TAC W/ 18,000 STRAIN. RIH W/ PUMP AND RODS. POP AND RDMO.

Additional tests attached.

cc: Tom Brock, Lamar Area Office

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CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

ME605323

* PDRS MARATHON WELL TEST INFORMATION *

ID-16505

COMPLETN: 2417001 WHITE AP #1

YEAR: 1994

RESERVOIR: 4958 MORROW

ORG CODE: 730

OPER PROP: 7965 WHITE AP 01

API#15-199-20124-0002

UNIT: 00000 P.A.: 00000 TRACT:

D.O.: 4970197

TEST DATE	BOPD TEST OIL/COND	BWPB TEST WATER	BFPD TOTAL FLUID	% WATER CUT	MCFD TEST GAS	CSG PRESS	TBG PRESS
JAN 01/01/94	65.98		65.98		34.00		
FEB 02/01/94	59.75	0.79	60.54	1.30	25.50		
MAR 03/01/94	60.00		60.00		1.00		
APR 04/01/94	64.50	0.39	64.89	0.60	0.70		
MAY 05/01/94	57.55	0.11	57.66	0.19	0.28		
JUN 06/01/94	52.93	0.80	53.73	1.48	1.30		
JUL 07/01/94	56.40	0.18	56.58	0.31	1.03		
AUG 08/01/94	60.77	0.16	60.93	0.26	0.80		
SEP 09/01/94	60.44	0.05	60.49	0.08	5.20		
OCT 10/02/94	61.49	0.16	61.65	0.25	0.96		
NOV 11/01/94	49.90		49.90		0.13		
DEC 12/01/94	53.97	0.40	54.37	0.73			
DEC 12/01/94	53.97	0.40	54.37	0.73	1.00		
JAN 01/02/95	66.43		66.43		1.68		
FEB 02/02/95	63.17		63.17		0.10		

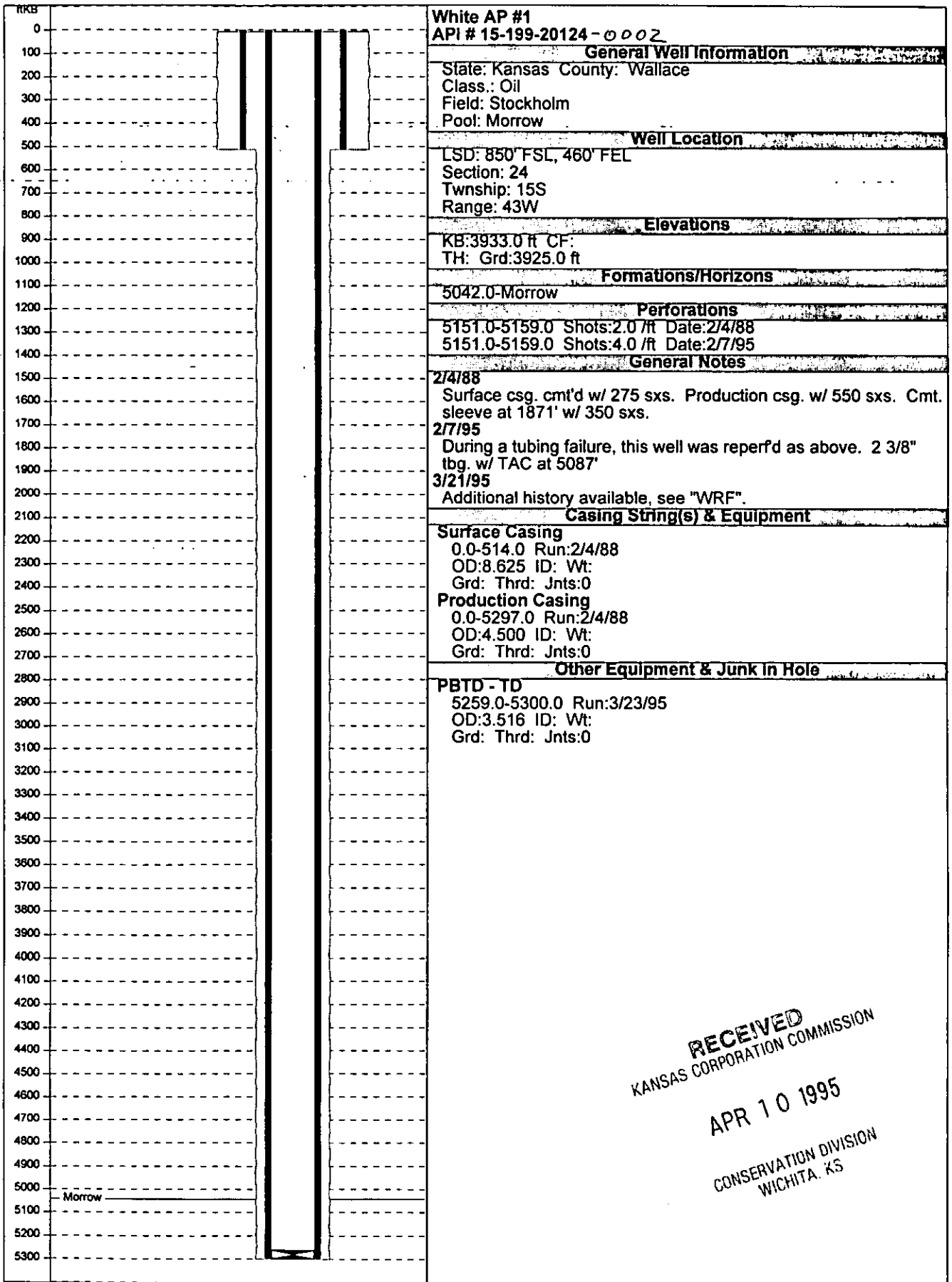
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