

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: Gibson Well Service
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: Smith "BS" #3
Comp. Date 5/8/1986 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.

2/16/95 --- 2/22/95
Started Date Reached TD Completion Date Of
Workover Workover

API NO. 15- 199-200840001
County Wallace
SW - NW - SW - Sec. 33 Twp. 15S Rge. 42 E
1650 Feet from S (circle one) Line of Section
4950 Feet from E (circle one) Line of Section

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

Lease Name Smith "BS" Well # 3
Field Name Stockholm

Producing Formation Morrow

Elevation: Ground 3858' KB 3867'

Total Depth 5240' PBSD 5181'

Amount of Surface Pipe Set and Cemented at 1755 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan REWORK 9 X 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 offsite _____

Operator Name _____

Lease Name _____ License No. 1904

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

RECEIVED
KANSAS CORPORATION COMMISSION
04-10-95

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 RPM

Title Regulatory Coordinator Date 4/5/95

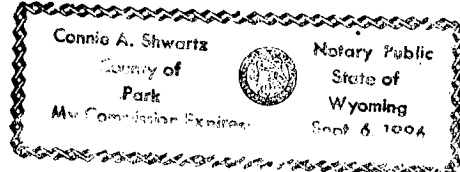
Subscribed and sworn to before me this 5th day of April, 1995.

Notary Public Connie A. Shultz

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 SWD/Rep NGPA
 KGS Plug Other
(Specify)



Operator Name Marathon Oil Company

Lease Name Smith "BS"

Well # 3

Sec. 33 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:

Log Formation (Top), Depth and Datums Sample

| Name | Top | Datum |
|----------------|-------|-------|
| Heebner | 4104' | |
| Toronto | 4130' | |
| Lansing | 4206' | |
| Basal K.C. | 4610' | |
| Cherokee | 4716' | |
| Atoka | 4852' | |
| Morrow Shale | 5001' | |
| Stockholm | 5090' | |
| Stockholm Lime | 5134' | |
| St. Gen. | 5156' | |

CASING RECORD TD 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# | 1755.33 | HCL&C | 700 | 2% CaCl ₂ |
| Production | 7-7/8" | 5-1/2" | 14# & 15.5# | 5238 | 50/50 Poz | 290 | 10% 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 | 5092'-5114' | None | |
| 4 | 5120'-5126' | None | |
| 4 | 5092'-5114', 5120'-5126' --4 Phase | Deg. None | |

| TUBING RECORD | Size | Set At | Packer At | Liner Run |
|---|--|---------|-------------|--|
| | 2-7/8" | 5039' | | <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) | | | |
| Feb. 22, 1995 | | | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio Gravity |
| | 30 | 20 | 0 | |

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

5092'-5126'

Reinjected

ORIGINAL

7-MAR-95
15:37:56

MARATHON OIL COMPANY
HISTORY OF OIL OR GAS WELL
FROM:07-FEB-95 TO:06-MAR-95 FIELD:STOCKHOLM

PAGE 1

API#15-199-20084-0001

WELL NO: SMITH BS #3

SEC 33 TWP 15.00S R. 42.00W
1650' FSL, 4950' FEL

NW SW

STATE: KS COUNTY: WALLACE

KB Elev. 3867'
Grd. or Mat. Elev. 3858'
TD 5240'
PBSD 5181'

Prep by C.R. Adams
Title Adv. Eng. Tech
Route to: Regulatory EG
WRF _____

PRESENT STATUS

CLASS: OIL
FORMTN: MORROW

STATUS: ACTIVE
TYPE: ACTIVE

SUMMARY: This well had a near wellbore cleanout performed. And during a routine pump change, the well was reperforated at 5092'-5114' and 5120'-5126' w/ 4 SPF and the well returned to production.

STIMULATION

- 07-FEB-95 SHUT WELL IN. PD CSG W/ 1 BBL XYLENE, 3BBL 15% HCL ACID, AND 30 BBL CIONDENSATE. LEFT WELL SHUT IN.
- 08-FEB-95 POP

ROD PUMP FAILURE AND REPERFORATE

- 16-FEB-95 MIRU GIBSON WELL SERVICE. UNSEAT PUMP AND POOH W/ PUMP AND RODS. RU RIH W/ SWAB, IFL WAS AT 4200, SWAB FOR 3.5 HRS, RECOVERED 39 BBL FLUID, AND FFL WAS AT 4600. SDFD.
- 17-FEB-95 RU RIH W/ SWAB AND SWAB WELL DRY. RELEASE TAC, COULD NOT LOWER TBG, AND POOH. FOUND MUD ANCHOR AND GAS ANCHOR PLUGGED UP. SDFD.
- 18-FEB-95 RU RIH W/ SAND BAILER AND BAILED HOLE TO 5222. POOH W/ BAILER AND RU CSG SWB. WELL SWABBED DRY. SDFD.

cc: Tom Brock, Lamar Area Office

RECEIVED
STATE CORPORATION COMMISSION

APR 10 1995

STATE CORPORATION COMMISSION
WICHITA, KANSAS

7-MAR-95
15:37:56

MARATHON OIL COMPANY
HISTORY OF OIL OR GAS WELL
FROM:07-FEB-95 TO:06-MAR-95 FIELD:STOCKHOLM
WELL:SMITH BS #3

PAGE 2

API #15-199-20084-0001

21-FEB-95 RU RIH W/ BAILER, BAILED OUT FROM 5114 TO 5185. MIRU
MERCURY WIRELINE, REPERF WELL. (SEE TEMPLATE). RU RIH W/
TBG AS FOLLOWS:

| | | | | |
|-----|---|--------------------------|---|---------|
| 1 | - | 2 7/8 BULL PLUGGED JT | - | 31.28 |
| 1 | - | PERMANENT STANDING VALVE | - | 3.20 |
| 3 | - | JTS 2 7/8 TBG | - | 91.22 |
| 1 | - | 2 7/8 X 5 1/2 TAC | - | 3.10 |
| 167 | - | JTS 2 7/8 TBG | - | 5039.42 |

SET TAC W/ 18,000 STRETCH.

RU RIH W/ SWAB, IFL WAS AT 4850, AND SDFD.

PERF DATA

VENDOR MERCURY GUN SIZE 4 CHG SIZE (GM) 19.0
CHG TYPE SCS CORRELATION LOG USED

SEQ: 1 FORM:MORROW SUB:MORROW TOP DEP: 5092
BOT DEP: 5114 DEN SPF: 4 PHAS DEG: 90 TOT SHOTS: 88
OTHER DEPTHS:5120-5126

22-FEB-95 SWAB WELL UNTIL FLUID CLEANED UP. RU RIH W/ 2.5 X 1.5 X 20
RWBC PUMP AND RODS AS BEFORE. HUNG ON W/ GOOD PUMP ACTION.
RDMO AND POP AT 4:00 PM.

24-FEB-95 BBL TESTS

| | OIL | WTR | MCF | HRS | |
|---------|-----|-----|-----|-----|----|
| 2-22-95 | 30 | 0 | 20 | 8 | BO |

27-FEB-95 BBL TESTS

| | OIL | WTR | MCF | HRS |
|---------|-----|-----|-----|-----|
| 2-23-95 | 52 | 0 | 30 | 0 |
| 2-24-95 | 55 | 0 | 30 | 0 |
| 2-25-95 | 56 | 0 | 30 | 0 |

Additional tests attached.

RECEIVED
KANSAS CORPORATION COMMISSION

APR 10 1995

CONSERVATION DIVISION
WICHITA, KS

ME605323

* PDRS MARATHON WELL TEST INFORMATION *

ID-16505

COMPLETN: 2976401 SMITH BS 3

YEAR: 1994

RESERVOIR: 4958 MORROW

ORG CODE: 730

OPER PROP: 15085 STOCKHOLM UNIT

API #15-199-20084-0001

UNIT: 01015 P.A.: 00000 TRACT:

D.O.:

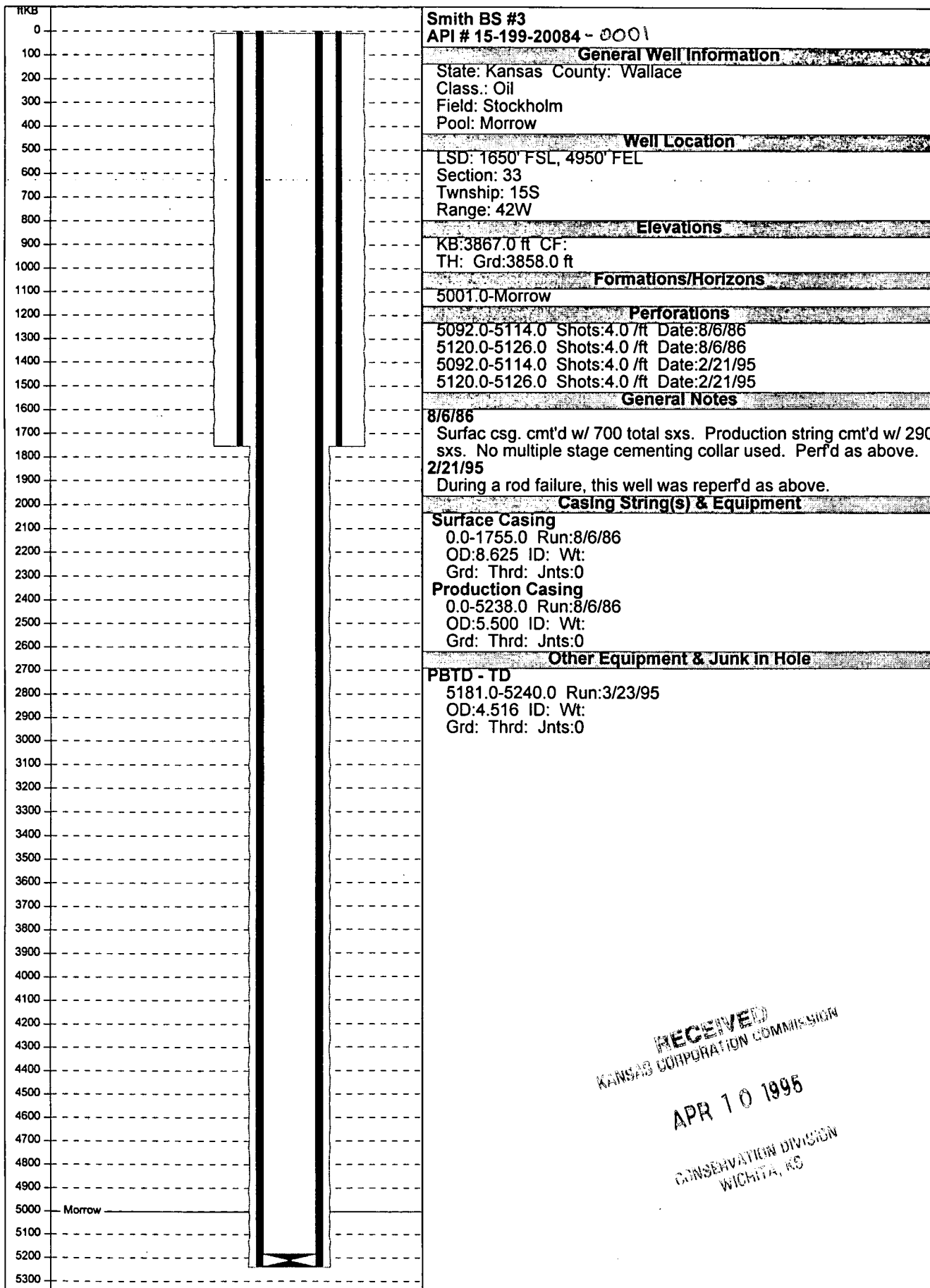
| TEST DATE | BOPD TEST OIL/COND | BWPD TEST WATER | BFPD TOTAL FLUID | % WATER CUT | MCFD TEST GAS | CSG PRESS | TBG PRESS |
|--------------|--------------------------|-----------------------|------------------------|-------------------|---------------------|--------------|--------------|
| JAN 01/01/94 | 61.93 | | 61.93 | | 30.80 | | |
| FEB 02/01/94 | 53.56 | | 53.56 | | 30.80 | | |
| MAR 03/01/94 | 31.50 | | 31.50 | | 30.80 | | |
| APR 04/01/94 | 53.97 | 1.51 | 55.48 | 2.72 | 31.00 | | |
| MAY 05/01/94 | 52.24 | 0.41 | 52.65 | 0.77 | 30.00 | | |
| JUN 06/01/94 | 51.05 | 0.55 | 51.60 | 1.06 | 30.00 | | |
| JUL 07/01/94 | 50.70 | 0.42 | 51.12 | 0.82 | 30.00 | | |
| AUG 08/01/94 | 48.72 | 0.53 | 49.25 | 1.07 | 30.00 | | |
| SEP 09/01/94 | 48.64 | 0.33 | 48.97 | 0.67 | 30.00 | | |
| OCT 10/02/94 | 50.17 | 3.70 | 53.87 | 6.86 | 30.00 | | |
| NOV 11/01/94 | 46.19 | 0.22 | 46.41 | 0.47 | 30.00 | | |
| DEC 12/01/94 | 30.50 | | 30.50 | | 30.00 | | |
| 12/01/94 | 30.50 | | 30.50 | | 30.00 | | |
| JAN 01/01/95 | 41.42 | | 41.42 | | 30.00 | | |
| FEB 02/02/95 | 30.61 | 1.58 | 32.19 | 4.90 | | | |

RECEIVED
STATE CORPORATION COMMISSION

APR 1 1995

CONSERVATION DIVISION
WICHITA, KANSAS

Marathon Oil Company



RECEIVED

APR 10 1995

KANSAS CORPORATION COMMISSION

CONSERVATION DIVISION

WICHITA, KS