

20-14-22E

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

API NO. 15-091-21834

County Johnson

NE NW SW Sec. 20 Twp. 14S. Rge. 22 East
West

2075 Ft North from Southeast Corner of Section
3985 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

Lease Name East E. Morris Well # 2

Operator: License # 03113
Name Martin Oil Properties
Address P.O. Box 18423
City/State/Zip Okla. City, OK 73154

Purchaser Enron

Operator Contact Person Dean Kramer
Phone (913) 883-4871

Contractor: License # 5335
Name Hawkeye Drilling Co

Wellsite Geologist
Phone

Designate Type of Completion

X New Well Re-Entry Workover
X Oil SWD Temp Abd
Gas Inj Delayed Comp.
Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

X Mud Rotary Air Rotary Cable

7/7/87 7/14/87 9/22/87
Spud Date Date Reached TD Completion Date

1000' 985.4'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 60 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name
Invoice #

Field Name

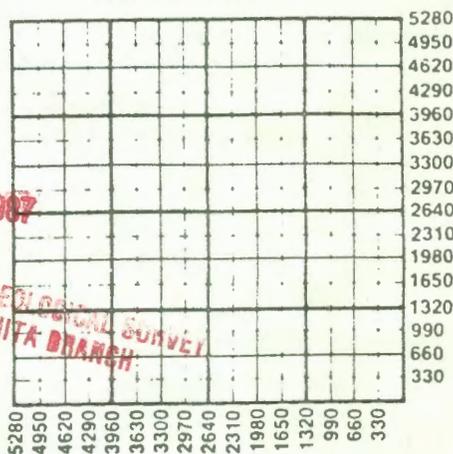
Producing Formation Bartlesville Sandstone

Elevation: Ground KB

Section Plat

DEC 16 1987

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

Operator Name Martin Oil Properties Lease Name E. Morris Well # 2

Sec. 20 Twp. 14S Rge. 22 County Johnson

WELL LOG

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 [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [X] Yes [] No

Formation Description [X] Log [] Sample

Bartlesville Sandstone Attached

Attached

Table with 6 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Row 1: Estimated Production Per 24 Hours. Values: 20 Bbls, MCF, Bbls, CFPB.

METHOD OF COMPLETION

Production Interval

Disposition of gas: [] Vented [] Open Hole [X] Perforation [] Sold [] Other (Specify) [X] Used on Lease

CASING RECORD [] New [] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Rows for Surface and Production.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Table with 4 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, (Amount and Kind of Material Used), Depth. Includes Total Shots - 13 and Oil Frac.

TUBING RECORD Size 2 7/8" Set At 985.4' Packer at Liner Run [] Yes [X] No

Date of First Production Producing Method [] Flowing [X] Pumping [] Gas Lift [] Other (explain)

20-14-22E

LOGCompany Martin Oil Properties Lease East Morris Well No. 2LOWER SQUIRREL SANDSTONE

| <u>Depth Interval, Feet</u> | <u>Description</u> |
|---------------------------------|---|
| 792.0 - 793.0 | Sandstone, brown with widely scattered shale and mica partings. |
| 793.0 - 793.4 | Shale, gray with widely scattered brown sandstone partings. |
| 793.4 - 793.8 | Sandstone, grayish brown, shaly with scattered shale and mica partings. |
| 793.8 - 794.2 | Sandstone, brown with scattered shale and mica partings. |
| 794.2 - 794.6 | Sandstone, grayish brown, shaly with scattered shale and mica partings. |
| 794.6 - 797.4 | Shale, gray with very widely scattered light brown sandstone partings. |

BARTLESVILLE SANDSTONE

| | |
|---------------|--|
| 914.0 - 915.9 | Sandstone, dark brown with scattered shale partings containing a vertical fracture. |
| 915.9 - 916.5 | Sandstone and shale, brown and gray, alternate layers containing a vertical fracture. |
| 916.5 - 917.0 | Shale and sandstone, gray and brown, laminated containing a vertical fracture. |
| 917.0 - 918.3 | Sandstone, brown containing a vertical fracture. |
| 918.3 - 919.0 | Sandstone, dark brown containing a vertical fracture. |
| 919.0 - 920.4 | Sandstone, dark brown with widely scattered shale partings containing a vertical fracture. |
| 920.4 - 921.3 | Sandstone, dark brown containing a vertical fracture. |
| 921.3 - 922.4 | Sandstone, dark brown with scattered shale partings containing a vertical fracture. |

9/14/04 9200

HAWKEYE DRILLING

26-14-22E

R.R. 2 Box 73A
Wellsville, Kansas 66092
913-883-2013

Lease E. MORRIS

||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

Well # # 2 7-7-87

Drill Log

Elevation 15-D91-21,835

| Thickness | Formation | Total Depth | Remarks | Thickness | Formation | Total Depth | Remarks |
|-----------|-----------|-------------|---------|-----------|-----------|-------------|---------|
| 57 | CLAY | 57 | | 11 | SHALE | 681 | |
| 4 | LIME | 61 | | 5 | LIME | 676 | |
| 21 | SHALE | 82 | | 23 | SHALE | 719 | |
| 5 | LIME | 87 | | 2 | LIME | 721 | |
| 8 | SHALE | 95 | | 56 | SHALE | 777 | |
| 2 | LIME | 97 | | 8 | LIME | 785 | |
| 5 | SHALE | 102 | | 11 | SHALE | 796 | |
| 16 | LIME | 118 | | 2 | SAND | 798 | |
| 12 | SHALE | 130 | | 51 | " | 849 | |
| 22 | LIME | 152 | | 1.21 | " | 850 | |
| 30 | SHALE | 182 | | 1.25 | " | 851 | |
| 10 | LIME | 192 | | 1.01 | " | 852 | |
| 12 | SHALE | 204 | | 1.56 | " | 853 | |
| 6 | LIME | 210 | | 2.42 | " | 855 | |
| 16 | SHALE | 226 | | 2.91 | " | 857 | |
| 2 | LIME | 228 | | 2.13 | " | 859 | |
| 3 | SHALE | 231 | | 2.07 | " | 861 | |
| 28 | LIME | 259 | | 2.24 | " | 863 | |
| 3 | SHALE | 262 | | 2.22 | " | 865 | |
| 9 | LIME | 271 | | 2.36 | " | 867 | |
| 14 | SHALE | 285 | | 2.41 | " | 869 | |
| 3 | LIME | 288 | | 4.11 | " | 873 | |
| 19 | SHALE | 307 | | 52 | SHALE | 925 | |
| 7 | LIME | 314 | | 6 | LIME | 931 | |
| 16 | SHALE | 330 | | 49 | SHALE | 980 | |
| 9 | LIME | 339 | | 7 | SAND | 987 | |
| 6 | SHALE | 345 | | 15 | VG | 992 | |
| 5 | LIME | 350 | | 1.01 | VG | 993 | |
| 4 | SHALE | 354 | | 1.22 | VG | 994 | |
| 6 | LIME | 360 | | 1.28 | VG | 995 | |
| 25 | SHALE | 385 | | 1.31 | VG | 996 | |
| 2 | LIME | 387 | | 1.49 | SHALE | 997 | |
| 11 | SHALE | 398 | | 1.57 | " | 998 | |
| 29 | LIME | 427 | | 2.01 | " | 999 | |
| 6 | SHALE | 433 | | 1.11 | " | 1000 | |
| 17 | LIME | 450 | | 1.47 | " | 1001 | |
| 4 | SHALE | 454 | | 2.23 | SHALE | 1003 | |
| 4 | LIME | 458 | | 93 | SHALE | 1096 | TD |
| 4 | SHALE | 462 | | | | | |
| 7 | LIME | 469 | | | | | |
| 5 | SHALE | 474 | | | | | |
| 2 | LIME | 476 | | | | | |
| 100 | SHALE | 576 | | | | | |
| 5 | LIME | | | | | | |
| 17 | SHALE | | | | | | |

985.40 ft
PIPE