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

Operator: License #: 4767
Name: Mallory Conservation, Inc.
Address: 125 W. Market, Suite 1000
Lawrence, KS 67704

Purchaser: N/A

Operator Contact Person: LeAnn Kasten
Phone: 785-843-3375

Contractor: License #: 6033
Name: Murfin Drilling Company

Wellsite Geologist: N/A
Phone: 316-267-4375

Designate Type of Completion

- New Well
- Re-Entry
- Workover
- Oil
- SWD
- Temp Abd
- Gas
- Injection
- Delayed Comp.
- Dry

If Oil, Gas, or SWD, old well info as follows:

Operator:
Name:
Well Name:
Comp. Date:

WELL HISTORY

Drilling Method:

- Mud Rotary
- Air Rotary
- Cable
12-17-86
12-22-86
12/22/86
Spud Date
Date Reached TD
Completion Date

3910'
N/A
PD

Total Depth

8-5/8" @ 249'

Amount of Surface Pipe Set and Cements at____feet

Multiple Stage Cements Collar Used? Yes
No

If yes, show depth set at____feet

If alternate 2 completion, cement circulated from____feet to____feet

Cement Company Name:

Invoice #:

WATER SUPPLY INFORMATION

Disposition of Produced Water:

Docket #: N/A

Disposing:

Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

- Groundwater
- Steam
- Reedwater
- 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 Q-4 forms with all plugged wells. Submit CP-11 forms 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:

President:

Title:

Date: 1/16/87

Subscribed and sworn to before me this 12th day of January, 1987.

Notary Public:

Date Commission Expires: 6/19/88

LINDA K. RICE
ROTARY PUBLIC
STATE OF KANSAS,
My Appt. End. 7/23/88

FORM ACO-1 (5-86)

KCC OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Driller's Timelog Received

Distribution

KCC SWD/SGD
KGS
STATE CORPORATION COMMISSION

Other (Specify)

(2) 2-12-87
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
Samples Sent to Geological Survey: Yes; No
Cores Taken: Yes; No

DST #1 from 3756' to 3792' (160'-180' zones). Recovered 15' of oil spotted mud with scum oil on top.
IPF:10-10/30"; ISIP:65/30";
FPF:20-20/30"; PSIP:34/30".

DST #2 from 3866' to 3910' (Conglomerate sand). Recovered 186' of muddy water and 1,626' of salt water.
IPF:489-770/15"; ISIP:1169/30".
No final flow periods.

DST #3 from 3580' to 3640' (Toronto & Top zone) with straddle packers. Recovered 243' of muddy water and 1200' of salt water, no show of oil.
IPF:97-445/30"; ISIP:1266/30";
FPF:500-629/30"; PSIP:1266/30".

Formation Description

Name | Top | Bottom
--- | --- | ---
Anhydrite | 2044' (+347) | 
B/Anhydrite | 2076' (+315) | 
Topeka | 3391' (-1000) | 
Heeber | 3586' (-1195) | 
Toronto | 3611' (-1220) | 
Lansing | 3628' (-1237) | 
B/KC | 3817' (-1426) | 
Cgl. sand | 3876' (-1485) | 
LTD | 3911' (-1520) | 

Casing Record

Purpose of String

<table>
<thead>
<tr>
<th>Size Hole</th>
<th>Size Casing</th>
<th>Weight</th>
<th>Setting</th>
<th>Type of Cement</th>
<th>%Sacks</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>8-3/4&quot;</td>
<td>24.4</td>
<td>249</td>
<td>N-40</td>
<td>18.1</td>
<td>2% gulf 12</td>
</tr>
</tbody>
</table>

Perforation Record

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>Specify Footage of Each Interval Perforated</th>
</tr>
</thead>
</table>

Tubing Record

<table>
<thead>
<tr>
<th>Size</th>
<th>Set At</th>
<th>Packer at</th>
</tr>
</thead>
</table>

Date of First Production

<table>
<thead>
<tr>
<th>Producing Method</th>
<th>Oil</th>
<th>Gas</th>
<th>Water</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
</tr>
</thead>
</table>

Estimated Production Per 24 Hours

| Bbls | MCF | Bbls | CFPB |

Method of Completion

<table>
<thead>
<tr>
<th>Production Interval</th>
</tr>
</thead>
</table>

Disposition of gas:

<table>
<thead>
<tr>
<th>Vented</th>
<th>Sold</th>
<th>Used on Lease</th>
</tr>
</thead>
</table>

Flowing | Pumping | Gas Lift | Other (explain) |