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 # 6033
Murfin Drilling Company
Name ..................
..............
Address 250 N. Water, Suite 300
..............
City/State/Zip Wichita, KS 67202
..............
Operator Contact Person L. O. Butner
..............
Phone 316 255-3941
..............
Contractor/License # 6033
Murfin Drilling Company
Name ..................
..............
Wellsite Geologist Rich Bell
..............
PURCHASER: Midwest Pipeline
..............
Designate Type of Completion
□ New Well □ Re-Entry □ Workover
□ Oil □ Natural Gas □ Other (Specify)
□ Water Supply (Source, Date)
..............

If OMWO: old well info as follows:
Operator
..............
Well Name
..............
Comp. Date ......Old Total Depth
..............

WELL HISTORY

Drilling Method:
□ Mud Rotary □ Air Rotary □ Cable
□ 9-7-84 □ 9-14-84 □ 11/07/84
Spud Date Date Reached TD Completion Date
3888' BTD 3834'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at feet
Multiple Stage Combing Collar Used? □ Yes □ No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet to feet

API NO. 15-439-20, 726. 200-00

County......Pawnee
100'W/N W/N Sec. 16, Twp. 36, Rge. 36...... 200
6950. Fs North from Southeast Corner of Section 6950. Fs West from Southeast Corner of Section
(Note: Locate well in section plot below)

Lease Name: Lippelman
Well # 4-16
Field Name: Lippelman
Elevation: Ground 2538' KB 2543'

Section Plot

RECEIVED

SECTION COMMISSION COMMISSIONER CON

26 1934

WATER SUPPLY INFORMATION

Source of Water:
□ Division of Water Resources Permit #
□ Groundwater......Fs North from Southeast Corner
WF West from Southeast Corner of
□ (Well)
Sec Twp Rge
□ East □ West
□ Surface Water......Fs North from Southeast Corner
□ (Stream, pond etc) Fs West from Southeast Corner
□ Other (Specify)
Sec Twp Rge
□ East □ West
□ Other (explain) (purchased from city, R.W.D.

Disposition of Produced Water:
□ Disposal
□ Water Reinjecting
□ Repressuring
□ Docket # CR1811

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any wells. Rule 82-3-130 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 drillers time log shall be attached with this form. Submit OP-4 form with all plugged wells. Submit OP-111 form with all temporarily abandoned wells.

All requirements of the statues, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are correct to the best of my knowledge.

Signature

Wm. S. Shroshire, Asst. Gen. Mgr

Title

11/19/84 Date

Subscribed and sworn to before me this day of Nov.
19, 1984

Notary Public

Date Commission Expires.

KERRAN DEPARTMENT
KERRAN PUBLISHING
STATE OF OKLAHOMA
My Exp. 82-86

K.C.C. OFFICE USE ONLY
□ LFC Letter of Confidentiality Attached
□ Wireline Log Received
□ Drillers Timelog Received
Distribution
□ KCC □ SWD/Rep □ NPFA
□ KGS □ Plug □ Other
(Specify)

Form ACO-1 (7-84)
### WELL LOG

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time 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.

<table>
<thead>
<tr>
<th>Drill Stem Tests Taken</th>
<th>Samples Sent to Geological Survey</th>
<th>Cores Taken</th>
<th>Formation Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Name</td>
</tr>
<tr>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Top</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Bottom</td>
</tr>
</tbody>
</table>

DST #1: 3395-3434' - misrun. Rec 250' al OCMW. FP: 154-164'.


Core #1: 3613-3672': recovered 56-1/2''

**RELEASED**

**JUN 05 1986**

**FROM CONFIDENTIAL 6-5-86**

Prod. csg: '45'' = 10.5' set at 3877'. 1st stage L 175 ax. 50-50 Pozmix w/10% salt, 3/4% CFR-2, 2% gel, k#/ax. flocele, 10#/ax. gilsonite, 35 gal. latex in last 100 ax. 2nd stage: 425 ax. Howeolite w/70/ax. gilsonite and k#/ax. flocele.

### CASING RECORD

- **New**
- **Used**

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole Drilled</th>
<th>Size Casing Set (in O.D.)</th>
<th>Weight Lbs./Ft.</th>
<th>Setting Depth</th>
<th>Type of Cement Used</th>
<th>#Sacks</th>
<th>Percent Additives</th>
</tr>
</thead>
<tbody>
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</table>

### PERFORATION RECORD

- **Acid, Fracture, Shot, Cement Squeeze Record**
  - (Amount and Kind of Material Used) Depth

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

### TUBING RECORD

- **Size 2 3/8'' Set At 3701'** Packer at ---
- **Liner Run** Yes No

#### Date of First Production
- 11/15/84

#### Producing Method
- **Flowing**
- **Pumping**
- **Gas Lift**
- **Other**

#### Estimated Production Per 24 Hours
- **Oil 94**
- **Gas**
- **Water**
- **Gas-Oil Ratio**
- **Gravity**

### METHOD OF COMPLETION

#### Disposition of gas:
- **Vented**
- **Sold**
- **Used on Lease**
- **Open Hole**
- **Perforation**
- **Other (Specify)**

#### Production Interval see above