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 # 2291
Name: Doug Frickey
Address: 3915 waitress drive circle
City/State/Zip: Wichita, KS 67207

Purchaser:

Operator Contact Person: Matt
Phone: 6033
Contractor: License # T2170
Name: Martin Drilling Company
Wellsite Geologist:
Phone:

Designate Type of Completion
X New Well  Re-Entry  Workover

OIL

Gas

Oil Well Info as follows:
Operator
Well Name
Comp. Date
X Old Total Depth

Drilling Method:
X Mud Rotary  Air Rotary  Cable

6-6-87  6-11-87  6-11-87
Spud Date  Date Reached TD  Completion Date
3930'

Total Depth  PBT

Amount of Surface Pipe Set and Cemented at:
Multiple Stage Cementing Collar Used?  Yes  No
If yes, show depth set:
If alternate 2 completion, cement circulated:
Cement Company Name
Invoice #

WELL HISTORY

DISPOSITION OF PRODUCED WATER:

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-5717
Source of Water: Hauled
Division of Water Resources Permit #

Groundwater  Ft North from Southeast Corner of
Well  Ft West from Southeast Corner of
Sec  Trp  Rge  East  West
Surface Water  Ft North from Southeast Corner of
Stream, pond etc  Ft West from Southeast Corner of
Sec  Trp  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 82-3-100. 82-3-102 and 82-3-102 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 82-3-102 for confidentiality in excess of 12 months.

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  
Title: President  
Date: 7/30/87

Subscribed and sworn to before me this 2nd day of
Notary Public

Date Commission Expires: 10/02/90

K&G OFFICE USE ONLY
F Letter of Confidentiality Attached
C Drillers Timelog Received
V KGS  SMD/Rep  NOPA

K&G COMMISSION

Form ACO-1 (5-86)
**WELL LOG**

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval, test time, depth, 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>FORMATION</th>
<th>ELECTRIC LOG TOPS</th>
<th>DATUM</th>
</tr>
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<tbody>
<tr>
<td>Anhydrite</td>
<td>2164</td>
<td>-479</td>
</tr>
<tr>
<td>B/Anhydrite</td>
<td>2199</td>
<td>447</td>
</tr>
<tr>
<td>Topeka</td>
<td>3347</td>
<td>-704</td>
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<tr>
<td>Dry Creek</td>
<td>3416</td>
<td>-775</td>
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<tr>
<td>Guadalupe</td>
<td>3451</td>
<td>-808</td>
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<td>Headnner</td>
<td>3467</td>
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<tr>
<td>Tonto</td>
<td>3498</td>
<td>-855</td>
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<tr>
<td>Lansing</td>
<td>3512</td>
<td>-869</td>
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<tr>
<td>Base KC</td>
<td>3707</td>
<td>-1064</td>
</tr>
<tr>
<td>Arbuckle</td>
<td>3872</td>
<td>-1229</td>
</tr>
</tbody>
</table>

**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 Used:
    - Percent
  - Type and Percent Additives:

<table>
<thead>
<tr>
<th>Surface</th>
<th>124</th>
<th>9-3/4</th>
<th>294</th>
<th>24%</th>
<th>80-81.40P.17A.5x.45.21.00</th>
</tr>
</thead>
</table>

**Perforation Record**

- **Shots Per Foot**
- Specify footage of each interval perforated
- **Acid, Fracture, Shot, Cement Squeeze Record**
  - (Amount and kind of material used)
  - Depth

**Tubing Record**

- **Size**
- **Set At**
- **Packer at**
- **Liner Run**
- **Yes**
- **No**

**Date of First Production**

- Producing Method:
  - Flowing
  - Pumping
  - Gas Lift
  - Other (explain)

- **Oil**
- **Gas**
- **Water**
- **Gas-Oil Ratio**
- **Gravity**

**Estimated Production**

- **Per 24 Hours**

| Bbls | MCF | Bbls | CFPB |

**Method of Completion**

- **Production Interval**
- **Disposition of gas:**
  - Vented
  - Sold
  - Used on Lease
  - Open Hole
  - Perforation
  - Other (Specify)
  - Dually Completed
  - Commingled
DRILL STEM TEST INFORMATION
Long Ranch "A" #1
NW NW NE of Sec. 14 T-2-S R-27-W
Decatur County, Kansas

DST #1 Open Hole Test  Lansing "A" Zone
INTERVAL: 3505' - 3520'
OPEN: 15-30-15-15
INITIAL OPEN: Weak surface blow - died in 15"
FINAL OPEN: No return blow
RECOVERY: 1' Mud
IHP: 1749 P.S.I.
IFP: 40 - 49 P.S.I.
ISIP: 97 P.S.I.
FFP: 49 - 49 P.S.I.
FSIP: 58 P.S.I.
FHP: 1709 P.S.I.
TEMPERATURE: 104°F

DST #2 Open Hole Test  Lansing "C" & "D" Zones
INTERVAL: 3527' - 3561'
OPEN: 15-30-60-75
INITIAL OPEN: Weak blow with slight build to 3/4"
FINAL OPEN: Weak blow with slight build to 1 1/2"
RECOVERY: 50' thin mud with scum of oil
65' muddy water with few spots of oil
IHP: 1759 P.S.I.
IFP: 49 - 58 P.S.I.
ISIP: 1150 P.S.I.
FFP: 68 - 78 P.S.I.
FSIP: 1150 P.S.I.
FHP: 1749 P.S.I.
TEMPERATURE: 105°F

DST #3 Open Hole Test  Lansing "E" & "G" Zones
INTERVAL: 3565' - 3603'
OPEN: 15-30-15-15
INITIAL OPEN: Weak surface blow, died in 10"
FINAL OPEN: No return blow
RECOVERY: 15' Mud, no show
IHP: 1874 P.S.I.
IFP: 48 - 48 P.S.I.
ISIP: 58 P.S.I.
FFP: 48 - 48 P.S.I.
FSIP: 48 P.S.I.
FHP: 1844 P.S.I.
TEMPERATURE: 106°F
DRILL STEM TEST INFORMATION

Long Ranch "A" #1
NW NW NE of Sec. 14 T-2-S R-27-W
Decatur County, Kansas

DST #4  Straddle Test  Toronto Limestone

INTERVAL: 3475' - 3520'
OPEN: 15-30-15-
INITIAL OPEN: Weak 1/2" blow increasing to 3/4"
FINAL OPEN:
RECOVERY: 15' Mud, no show
IHP: 1835 P.S.I.
IFP: 87 - 87 P.S.I.
ISIP: 1058 P.S.I.
FFP: 97 - 97 P.S.I.
FSIP: ---- P.S.I.
FHP: 1805 P.S.I.
TEMPERATURE: 110°F