

Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 30 days from plugging date.

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL PLUGGING RECORD  
K.A.R. 82-3-117

Form CP-4  
September 2003  
Type or Print on this Form  
Form must be Signed  
All blanks must be Filled

Lease Operator: Reif Oil & Gas Co., LLC

API Number: 15-009-24990-0000

Address: PO Box 298 250 S. Center Hoisington, KS

Lease Name: Staudinger

Phone: 620 653-2976 Operator License #: 33530

Well Number: #1

Type of Well: Oil DH KCC PRT PER CP2/3 1-30-07  
(Oil, Gas D&A, SWD, ENHR, Water Supply Well, Cathodic, Other) Docket #: \_\_\_\_\_ (If SWD or ENHR)

Spot Location (QQQQ): 225E-w/2-SW-NE

The plugging proposal was approved on: 11-22-06 (Date)

1980 Feet from  North /  South Section Line

by: Dodge City District (KCC District Agent's Name)

2085 Feet from  East /  West Section Line

Is ACO-1 filed?  Yes  No If not, is well log attached?  Yes  No

Sec. 7 Twp. 16 S. R. 12  East  West

Producing Formation(s): List All (if needed attach another sheet)

County: Barton

Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_

Date Well Completed: 11-22-06

Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_

Plugging Commenced: 11-22-06

Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_

Plugging Completed: 11-22-06

Show depth and thickness of all water, oil and gas formations.

| Oil, Gas or Water Records |         | Casing Record (Surface Conductor & Production) |    |      |        |            |
|---------------------------|---------|--|----|------|--------|------------|
| Formation                 | Content | From   | To | Size | Put In | Pulled Out |
| PER ATTACHED WELL REPORT  |         |  |    |      |        |            |
|                           |         |  |    |      |        |            |
|                           |         |  |    |      |        |            |
|                           |         |  |    |      |        |            |

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Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or procedure used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed, from \_\_\_\_\_ each set.

Name of Plugging Contractor: Warren Drilling, LLC License #: 33724 KCC PRT 1-30-07 PER CP2/3

Address: 10244 NE Hwy 61 Pratt, KS 67124

Name of Party Responsible for Plugging Fees: Reif Oil & Gas Co., LLC

State of Kansas County, Barton, ss.

Don J Reif

(Employee of Operator or Operator) on above-described well, being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

(Signature) Don J Reif Pres.

(Address) 250 S Center St. Hoisington KS 67544

SUBSCRIBED and SWORN TO before me this 24<sup>th</sup> day of JANUARY, 2007

Eudora Reif My Commission Expires: EUDORA REIF  
Notary Public

**EUDORA REIF**  
Notary Public - State of Kansas  
My Appt. Expires 12-23-2008

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

PRT

|                               |                          |                                       |
|-------------------------------|--------------------------|---------------------------------------|
| Customer<br><i>Acid Oil</i>   | Lease No.                | Date<br><i>11-27-06</i>               |
| Lease<br><i>Staudinger</i>    | Well #<br><i>1</i>       |                                       |
| Field Order #<br><i>15345</i> | Station<br><i>Pig #1</i> | Casing                                |
| Type Job<br><i>PTA N.W.</i>   | Formation                | County<br><i>Barber</i>               |
|                               |                          | State<br><i>KS</i>                    |
|                               |                          | Legal Description<br><i>7-105-12W</i> |

| PIPE DATA       |              | PERFORATING DATA |    | FLUID USED |            | TREATMENT RESUME |                  |  |
|-----------------|--------------|------------------|----|------------|------------|------------------|------------------|--|
| Casing Size     | Tubing Size  | Shots/Ft         |    | Acid       | RATE       | PRESS            | ISIP             |  |
| Depth           | Depth        | From             | To | Pre Pad    | Max        |                  | 5 Min.           |  |
| Volume          | Volume       | From             | To | Pad        | Min        |                  | 10 Min.          |  |
| Max Press       | Max Press    | From             | To | Frac       | Avg        |                  | 15 Min.          |  |
| Well Connection | Annulus Vol. | From             | To |            | HHP Used   |                  | Annulus Pressure |  |
| Plug Depth      | Packer Depth | From             | To | Flush      | Gas Volume |                  | Total Load       |  |

|                         |                                      |                               |
|-------------------------|--------------------------------------|-------------------------------|
| Customer Representative | Station Manager<br><i>Dave Scott</i> | Treater<br><i>Bobby Deake</i> |
|-------------------------|--------------------------------------|-------------------------------|

|                              |                |               |            |  |  |  |  |  |  |
|------------------------------|----------------|---------------|------------|--|--|--|--|--|--|
| Service Units<br><i>123</i>  | <i>236</i>     | <i>305</i>    | <i>572</i> |  |  |  |  |  |  |
| Driver Names<br><i>Dicke</i> | <i>Hickson</i> | <i>McNeil</i> |            |  |  |  |  |  |  |

| Time            | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log                  |
|-----------------|-----------------|-----------------|--------------|------|------------------------------|
| 1400            |                 |                 |              |      | On location - Safety Meeting |
| <del>1455</del> |                 |                 |              |      | 1st Plug - 3376' w/ 25sk.    |
| 1455            | 150             |                 | 10           | 4.0  | H2O Ahead                    |
| 1468            | 150             |                 | 7            | 4.0  | Mix Cont. @ 13.3#/gal        |
| 1500            | 50              |                 | 20           | 4.0  | Disp. (H2O)                  |
| 1506            | 0               |                 | 25           |      | Disp. (mud)                  |
|                 |                 |                 |              |      | 2nd Plug - 850' w/ 25sk.     |
| 1919            | 100             |                 | 5            | 4.0  | H2O Ahead                    |
| 1951            | 100             |                 | 7            | 4.0  | Mix Cont. @ 13.3#/gal        |
| 1954            | 50              |                 | 9            | 4.0  | Disp.                        |
|                 |                 |                 |              |      | 3rd Plug - 450' w/ 55sk.     |
| 1952            | 100             |                 | 5            | 4.0  | H2O Ahead                    |
| 1953            | 100             |                 | 16           | 4.0  | Mix Cont. @ 13.3#/gal        |
| 1957            | 50              |                 | 2            | 4.0  | Disp.                        |
|                 |                 |                 |              |      | 4th Plug - 40' w/ 110sk.     |
| 2010            | 0               |                 | 4            | 4.0  | Cont. @ 13.3#/gal            |
| 2012            | 0               |                 | 4            | 4.0  | Rot shale                    |
|                 |                 |                 |              |      | Job Complete                 |
|                 |                 |                 |              |      | Thanks, Bobby                |

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**James C. Musgrove**

Petroleum Geologist  
P.O. Box 1162  
Great Bend, KS 67530

Office (620) 792-7716

Res. Claflin (620) 587-3444

Rief Oil & Gas L.L.C.  
Staudinger # 1  
225' east-W/2-SW-NE  
Section 7-16s-12w  
Barton County, Kansas  
Page No. 1

**Dry & Abandoned**

**Contractor:** Warren Drilling, Co. Rig # 2

**Commenced:** 11-15-06

**Completed:** 11-22-06

**Elevation:** KB 1894', GL 1887'

**Casing Program:** Surface; 8 5/8" @ 384'  
Production; none

**Samples:** Samples saved and examined 2600' to Rotary Total Depth.

**Drilling Time:** One (1) foot drilling time recorded and kept 2600' to Rotary Total Depth.

**Measurements:** All depths measured from the Kelly bushing.

**Formation Testing:** There were <sup>3</sup> ~~two~~ drill stem test ran by Diamond Testing.

**Electric Log:** none

**Gas Detector:** none

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| <b><u>Formations</u></b> | <b><u>Sample Depth</u></b> | <b><u>Sub-Sea Datum</u></b> |
|--------------------------|----------------------------|-----------------------------|
| Topeka                   | 2718                       | -824                        |
| Heebner                  | 2994                       | -1110                       |
| Toronto                  | 3014                       | -1120                       |
| Douglas                  | 3026                       | -1132                       |
| Brown Lime               | 3083                       | -1189                       |
| Lansing                  | 3092                       | -1198                       |
| Conglomerate             | 3347                       | -1453                       |
| Erosional Arbuckle       | 3366                       | -1472                       |
| Solid Arbuckle           | 3375                       | -1481                       |
| Rotary Total Depth       | 3400                       | -1506                       |

Rief Oil & Gas L.L.C.  
Staudinger # 1  
225' east-W/2-SW-NE  
Section 7-16s-12w  
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**Topeka Section**

2913-2925' Limestone; gray, tan, finely crystalline, few fossils, chalky, poor visible porosity, trace brown stain, no show of free oil

2943-2955' Limestone; gray, white, finely crystalline, few sub oomoldic/oolitic, spotty brown stain, trace of free oil, questionable odor

**Drill Stem Test # 1 2890-2970'**

**Times:** 30-30-30-45

**Blow:** Weak

**Recovery:** 70' gas in pipe  
50' slightly gas cut mud  
(few oil specks)

**Pressures:** ISIP 815 psi  
FSIP 821 psi  
IFP 36-51 psi  
FFP 49-55 psi  
HSH 1428-1362 psi

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**Toronto Section**

3018-3021' Limestone; white, cream, finely crystalline, chalky, poor visible porosity, trace golden brown stain, no show of free oil; no odor

**Lansing Section**

3123-3129' Limestone; cream, tan, oomoldic, golden brown stain, trace of free oil, questionable odor

3142-3151' Limestone; gray, finely crystalline, few fossils, chalky, trace inter-crystalline porosity, brown stain, trace of free oil, faint odor

Rief Oil & Gas L.L.C.  
Staudinger # 1  
225' east-W/2-SW-NE  
Section 7-16s-12w  
Barton County, Kansas  
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**Drill Stem Test # 2 3110-3170'**

**Times:** 30-30-30-45  
**Blow:** Strong; (O.B.B. 8 mins)  
**Recovery:** 470' slightly gas cut watery mud  
**Pressures:** ISIP 1235 psi  
FSIP 1211 psi  
IFP 60-159 psi  
FFP 164-244 psi  
HSH 1471-1452 psi

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3173-3191' Limestone; cream, gray, oomoldic, good oomoldic porosity (barren)  
3205-3213' Limestone; gray; sub oomoldic, poor visible porosity (Poor Samples)  
3249-3257' Limestone; brown, tan, oolitic, cherty in part, dense  
3284-3294' Limestone: tan, gray, finely crystalline, slightly cherty, dense  
3319-3329' Limestone: gray; tan, oolitic/fossiliferous, chalky, no shows

**Arbuckle Section**

3376-3380' Dolomite; gray, white, medium-fine crystalline, scattered porosity, sandy in part, trace white, oolitic Chert (barren)  
3382-3386' Dolomite; white-gray, medium crystalline, fair inter-crystalline porosity, trace brown stain; show of free oil, faint odor

Rief Oil & Gas L.L.C.  
Staudinger # 1  
225' east-W/2-SW-NE  
Section 7-16s-12w  
Barton County, Kansas  
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**Drill Stem Test # 3 3110-3170'**

**Times: 30-30-30-45**

**Blow: weak**

**Recovery: 40' mud**

**Pressures: ISIP 848 psi  
FSIP 970 psi  
IFP 37-42 psi  
FFP 44-50 psi  
HSH 1631-1595 psi**

3359-3370'

Dolomite; as above; scattered porosity, trace stain, trace of free oil, odor, plus FeS<sub>2</sub>, faint odor

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**Rotary Total Depth 3400' (-1506)**

**Recommendations:**

On the basis of the negative drill stem test, and the low structural position, it was recommended by all parties involved that the Staudinger #1, be plugged and abandoned at the Rotary Total Depth 3400' (-1506)

Respectfully submitted;

James C. Musgrove  
Petroleum Geologist

Joshua R. Austin  
Petroleum Geologist