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

Operator: License # 5131
Name: Thunderbird Drilling, Inc.
Address: P.O. Box 780407
City/State/Zip: Wichita, Ks. 67278-0407
Purchaser:
Operator Contact Person: Burke Krueger
Phone: (316) 685-1441
Contractor: Name: Abercrombie RTD, Inc.
License: 30684
Wellsite Geologist: Todd Aikins

Designate Type of Completion
- New Well
- Re-Entry
- Workover
- Oil SWD
- SIOW
- Temp. Abd.
- Dry
- Other (Core, WSW, Expl., Cathodic, etc.)

If Workover:
Operator:
Well Name:
Comp. Date:
Old Total Depth:
Deepening
- Re-perf.
- Conv. to Inj/SWD
- Plug Back
- Commingled
- Docket No.
- Dual Completion
- Docket No.
- Other (SWD or Inj?) Docket No.

Spud Date: 10-14-95
Date Reached TD: 10-19-95
Completion Date: 10-19-95

API NO. 15-153-20,807-0000

County: Rawlins
- NW - SE - NW Sec. 8 Twp. 2S Rge. 31W XX W
- 1650' Feet from SW (circle one) Line of Section
- 1650' Feet from SE (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE (NW) or SW (circle one)

Lease Name: SOLKO 'A'
Well # 1
Field Name:
Producing Formation: None
Elevation: Ground 2700' KB 2705'
Total Depth: 3920' PBD
Amount of Surface Pipe Set and Cemented at: 309.96' Feet
Multiple Stage Cementing Collar Used: Yes No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: feet depth to w/ sx cmt.

Drilling Fluid Management Plan: DIA IL 1A 8K 1-22-97
(Data must be collected from the Reserve Pit)

Chloride content: 2000 ppm
Fluid volume: 700 bbls
Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name:
License No.:

Quarter Sec. Twp. Rng. E/W

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market
Room 2072, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well.
Rule 82-3-130, 82-3-166 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS
MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form 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: [Signature]
Title: Vice President
Date: 11-15-95
Subscribed and sworn to before me this 15th day of November, 1995.
Notary Public: [Notary Public]
Date Commission Expires: 4-16-98

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Geologist Report Received

Distribution:
KCC
SMO/Rep
NGPA
KGS
Plug
Other
(Specify)

RECEIVED
STATE CORPORATION COMMISSION
NOV 16 1995
CONSERVATION DIVISION
Wichita, Kansas

Form ACD-1 (7-91)
Operator Name: Thunderbird Drilling, Inc.  Lease Name: SOLKO 'A'  Well #: 1

Sec. 8  Twp. 28 Rge. 31 W  X  East  X  West

County: Rawlins

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  (Attach Additional Sheets.)  Yes  No
Samples Sent to Geological Survey  Yes  No
Cores Taken  Yes  No
Electric Log Run  (Submit Copy.)  Yes  No

List All Logs Run:
Radiation Guard

CASING RECORD  New  Used

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

<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</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12 1/4&quot;</td>
<td>8 5/8&quot;</td>
<td>28#</td>
<td>309.98'</td>
<td>60/40 pos</td>
<td>200 sks</td>
<td>2% gel, 4% CC</td>
</tr>
</tbody>
</table>

ADDITIONAL CEMENTING/SQUEEZE RECORD

<table>
<thead>
<tr>
<th>Purpose:</th>
<th>Depth Top Bottom</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Protect Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Back TD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Off Zone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERFORATION RECORD - Bridge Plugs Set/Type
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, Resumed Production, SWD or Inj.  D4A

Producing Method  Flowing  Pumping  Gas Lift  Other  (Explain)

Estimated Production Per 24 Hours  Oil  Bbls.  Gas  Mcf  Water  Bbls.  Gas-Oil Ratio  Gravity

Disposition of Gas:  METHOD OF COMPLETION  Production Interval

Vented  Sold  Used on Lease  (If vented, submit ACO-18.)  Open Hole  Perf.  Dually Comp.  Commingled

Other (Specify)
Thunderbird Drilling Inc.
7701 EAST KELLOGG, SUITE 780
POST OFFICE BOX 780407
WICHITA, KANSAS 67278-0407
(316) 685-1441

DAILY DRILLING REPORT

#1 SOLKO "A"  Elevation: 2712 GL
NW SE NW Sec. 8-2S-31W  2717 KB
Rawlins County, KS

TOPS:  Sample Log  Ref Well
Anhydrite  2472 + 245  2471 + 246  #1 Solko "B"
B/Anhydrite  2507 + 210  2505 + 212
Topeka  3458 -741  3462 - 745
Heebner  3624 -907  3629 -912 Flat
Lansing  3655 -938  3662 - 945 +2
"L" zone  3662 - 945
"J" zone  3839 -1122  3847 -1130 +1
Stark  3861 -1144
TD  3920 -1203  3922 -1205

10-13-95 Moving in and rigging up.
10-14 Drilling @ 423' 7 JTS, used 85%, 28# set @ 309.98 W/
10-15 Drilling at 2,729' 200 SX 60/40 POS, 27% qe, A% ee.
10-16 Drilling at 3,670' Preparing for DST #1
10-17 DST #1 3612-3670 (Oread and "A" zone) - Misrun-packers failure.
DST #2 3618-3670 (Oread and "A" zone) /30-60-45-60.
Rec. 60' gas in pipe, 80' mud cut oil (80% oil), 120' mud cut watery oil (50% oil), 60' oil cut watery mud (30% oil) + 120' water. IFP 50-91, FFP 121-182#, SIP 1227-1207#.
DST #3 3667-3710 ("D" zone) /30-30-30-30. Rec. 5' mud. All flow pressures 10#, SIP 132-40#.
10-18 Preparing to test "J" zone 3800-3850 (DST #5
DST #4 (G&H zones) 3715-3800/30-30-30-30. Rec. 1' oil, 6' slightly oil cut mud. All flow pressures 30#, SIP 71-50#.
10-19 DST #5 ("J" zone) 3800-3850/30-30-30-30. Rec. 5' Oil specked mud, All flow pressures 20#, SIP 20-20#.
10-20 RTD 3920 - LOG - D&A
1st plug @ 2500' w/25 sks.
2nd plug @ 1875 w/100 sks.
3rd plug @ 340' w/40 sks.
4th plug @ 40' w/10 sks.
15 sks in rathehole
Cemented by Allied - Plug down at 4:45 A.M. 10-19-95

FINAL REPORT
To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

**Signature:** [signature]

---

**Equipment**

<table>
<thead>
<tr>
<th>Description</th>
<th>Provider</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump Truck #1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bulk Truck #1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bulk Truck #2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cementser</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Helper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Driver</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Remarks:**

- Cements Not Circ

---

**Service**

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth of Job (310')</td>
<td>$125.00</td>
</tr>
<tr>
<td>Extra Footage</td>
<td>$25.00</td>
</tr>
<tr>
<td>Mileage</td>
<td>$45.00</td>
</tr>
</tbody>
</table>

**Total:** $300.00

---

**Float Equipment**

[Blank]

---

**Received:**

- State Corporation Commission
- Conservation Division

**Date:** Nov 6, 1993

**Tax:**

- [ ]

**Total Charge:**

- [ ]

**Discount:**

- [ ] IF PAID IN 30 DAYS
### Equipment

<table>
<thead>
<tr>
<th>Pump Truck</th>
<th>Cemeter</th>
<th>Wait</th>
</tr>
</thead>
<tbody>
<tr>
<td>Helper</td>
<td>Wayne</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BULK TRUCK</th>
<th>DRIVER</th>
<th>Dean</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Handling</th>
<th>Mileage</th>
<th>Total</th>
</tr>
</thead>
</table>

### REMARKS:

- 3500 ft.
- 1875 ft.
- 580 ft.
- 40 ft.
- 10 ft.
- 15 ft.

### Service

- Depth of Job: 2500 ft.
- Pump Truck Charge:
- Extra Footage
- Mileage: 23.23 miles
- Plug: 8 3/4 T.H. Plug

### Float Equipment

- [ ]
- [ ]
- [ ]
- [ ]

### Tax

- [ ]

### Total Charge

- [ ]

---

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "TERMS AND CONDITIONS" listed on the reverse side.

**Signature:**

---

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "TERMS AND CONDITIONS" listed on the reverse side.

**Signature:**

---