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

Operator: License # 31956
Name: Dark Horse Oil Company
Address 34861 Forest Park Drive
City/State/Zip Elizabeth, CO 80107

Purchaser:
Operator Contact Person: Douglas C. Frickey
Phone (800) 876-4482
Contractor: Name Murfin Drilling Company
License: 30606
Wellsite Geologist: Ron Nelson

Designated Type of Completion
X New Well __ Re-Entry ___ Workover

Gas ___ EHNR ___ SIGN ___
X Dry ___ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:
Operator:
Well Name:
Comp. Date ___ Old Total Depth ___

Deepening ___ Re-perf. ___ Conv. to Inj/SWD ___
Plug Back ___ PBDT ___
Commingled Docket No. ___ Dual Completion Docket No. ___
Other (SWD or Inj)? Docket No. ___

8/17/2002 8/22/2002 8/22/02
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 330 S. Market
- Room 2079, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well.
Rule 82-3-150, 82-3-106 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 __________________________ Date 10/04/02
Title President
Subscribed and sworn to before me this 4th day of October 2002.
Notary Public

FORM MUST BE TYPED
API NO. 15- 039-20926-0000
County Decatur
Approx. N/2 NE SW Sec. 13 Twp. 2-S Rge. 27- X
2310 Feet from (circle one) Line of Section
1930 Feet from (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE SW NW SW (circle one)
Lease Name Long Family Trust Well #: 2-13
Field Name Monaghan NE
Producing Formation
Elevation: Ground 2658 ft. KB 2663 ft.
Total Depth 3774 ft. PBDT 3774 ft.
Amount of Surface Pipe Set and Cemented at 301 Feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set ______ Feet
If Alternate II completion, cement circulated from ______ Feet
drilling depth to ________ w/_________ sx cmnt.

Drilling Fluid Management Plan (Data must be collected from Reserve Pit)
Chloride content 1100 ppm Fluid volume 375 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name
License No.
Lease Name __________________________
Quarter Sec. Twp. S Rge. E/W
County
Docket No.

K.C.C. OFFICE USE ONLY

F IN Letter of Confidentiality Attached
W Wireline Log Received
G Geologist Report Received

Distribution
KCC KGS __________ Plug __________ Other
(Specify)
NGPA

CHARLENE BROWN
PUBLIC
STATE OF COLORADO

Date Commission Expires February 27, 2006

Form ACO-1 (7-91)
Operator Name: Dark Horse Oil Company
Lease Name: Long Family Trust
Well #: 2-13
Sec.: 13
Twp.: 2-S
Rge.: 27- W
County: Decatur

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
(Attach Additional Sheets.)

Samples Sent to Geological Survey
☐ Yes ☐ No

Cores Taken
☐ Yes ☐ No

Electric Log Run
☐ Yes ☐ No
(Submit Copy.)

List All Electric Logs Run:
Compensated Density Neutron

Log
Formation (Top), Depth and Datums
Sample

<table>
<thead>
<tr>
<th>Name</th>
<th>Top</th>
<th>Datum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stone Corral</td>
<td>2165</td>
<td>+498</td>
</tr>
<tr>
<td>Base Stone Corral</td>
<td>2196</td>
<td>+467</td>
</tr>
<tr>
<td>Topeka</td>
<td>3313</td>
<td>-650</td>
</tr>
<tr>
<td>Heebner Shale</td>
<td>3478</td>
<td>-815</td>
</tr>
<tr>
<td>Toronto</td>
<td>3510</td>
<td>-847</td>
</tr>
<tr>
<td>Lansing</td>
<td>3520</td>
<td>-857</td>
</tr>
<tr>
<td>Base Kansas City</td>
<td>3725</td>
<td>-1062</td>
</tr>
<tr>
<td>Total Depth</td>
<td>3774</td>
<td>-1111</td>
</tr>
</tbody>
</table>

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>24#</td>
<td>301'</td>
<td>COMMON</td>
<td>180</td>
<td>3%ccc 2%gel</td>
</tr>
</tbody>
</table>

Additional Cementing/Squeeze Record

Purpose:
- ☐ Perforate
- ☐ Protect Casing
- ☐ Plug Back To
- ☐ Plug Off Zone

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

Production Interval
**ALLIED CEMENTING CO., INC.**  
P.O. BOX 31  
RUSSELL, KS 67665  
PH (785) 483-3887  
FAX (785) 483-5566  
FEDERAL TAX ID#  

**RECEIVED**  
KANSAS CORP COMPL  

2002 OCT - 7  D 1:39  
Invoice Number: 087877  
Invoice Date: 08/21/02  

Sold  
Dark Horse Oil Company  
To:  
34861 Forest Park DR  
Elizabeth, CO  
80107  

Cust I.D......: Dark  
P.O. Number...: LongFamTR 2-13  
P.O. Date.....: 08/21/02  

Due Date.: 09/20/02  
Terms.....: Net 30  

<table>
<thead>
<tr>
<th>Item I.D./Desc.</th>
<th>Qty. Used</th>
<th>Unit</th>
<th>Price</th>
<th>Net</th>
<th>TX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common</td>
<td>180.00</td>
<td>SKS</td>
<td>7.8500</td>
<td>1413.00</td>
<td>E</td>
</tr>
<tr>
<td>Gel</td>
<td>3.00</td>
<td>SKS</td>
<td>10.0000</td>
<td>30.00</td>
<td>E</td>
</tr>
<tr>
<td>Chloride</td>
<td>6.00</td>
<td>SKS</td>
<td>30.0000</td>
<td>180.00</td>
<td>E</td>
</tr>
<tr>
<td>Handling</td>
<td>189.00</td>
<td>SKS</td>
<td>1.1000</td>
<td>207.90</td>
<td>E</td>
</tr>
<tr>
<td>Mileage (76)</td>
<td>76.00</td>
<td>MILE</td>
<td>7.5600</td>
<td>574.56</td>
<td>E</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>189 sks @$.04 per sk per ml</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface</td>
<td>1.00</td>
<td>JOB</td>
<td>520.0000</td>
<td>520.00</td>
<td>E</td>
</tr>
<tr>
<td>Mileage pmp trk</td>
<td>76.00</td>
<td>MILE</td>
<td>3.0000</td>
<td>228.00</td>
<td>E</td>
</tr>
<tr>
<td>Surface plug</td>
<td>1.00</td>
<td>EACH</td>
<td>45.0000</td>
<td>45.00</td>
<td>E</td>
</tr>
</tbody>
</table>

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.  
If Account CURRENT take Discount of $319.84 ONLY if paid within 30 days from Invoice Date  

Subtotal: 3198.46  
Tax......: 0.00  
Payments: 0.00  
Total...: 3198.46  

- 319.84  

$2878.62
<table>
<thead>
<tr>
<th>DATE</th>
<th>SEC.</th>
<th>TWP</th>
<th>RANGE</th>
<th>CALLED OUT</th>
<th>ON LOCATION</th>
<th>JOB START</th>
<th>JOB FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-17-02</td>
<td>13</td>
<td>2s</td>
<td>27w</td>
<td>Oberlin 12E-36N-146</td>
<td>6:00pm</td>
<td>7:00pm</td>
<td>7:15pm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LEASE</th>
<th>WELL #</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long Family</td>
<td>2-13</td>
<td>Oberlin 12E-36N-146</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CONTRACTOR</th>
<th>Muehlbauer Co. #3</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE OF JOB</td>
<td>Surface</td>
</tr>
<tr>
<td>HOLE SIZE</td>
<td>12 1/4</td>
</tr>
<tr>
<td>CASING SIZE</td>
<td>8 7/8</td>
</tr>
<tr>
<td>TUBING SIZE</td>
<td>DEPTH</td>
</tr>
<tr>
<td>DRILL PIPE</td>
<td>DEPTH</td>
</tr>
<tr>
<td>TOOL</td>
<td>DEPTH</td>
</tr>
<tr>
<td>PRES. MAX</td>
<td>MINIMUM</td>
</tr>
<tr>
<td>MEAS. LINE</td>
<td>SHOE JOINT</td>
</tr>
<tr>
<td>CEMENT LEFT IN CSG.</td>
<td>15 ft</td>
</tr>
<tr>
<td>PERFS.</td>
<td>18 4/9 YD</td>
</tr>
</tbody>
</table>

**EQUIPMENT**

<table>
<thead>
<tr>
<th>PUMP TRUCK</th>
<th>CEMENTER</th>
<th>Walt</th>
</tr>
</thead>
<tbody>
<tr>
<td># 191</td>
<td>HELPER</td>
<td>Dean</td>
</tr>
<tr>
<td>BULK TRUCK</td>
<td>DRIVER</td>
<td>Walt</td>
</tr>
</tbody>
</table>

- **REMARKS:**
  
- **SERVICE**
  
- **DEPTH OF JOB**
  
- **PUMP TRUCK CHARGE**
  
- **EXTRA FOOTAGE**
  
- **MILEAGE**
  
- **PLUG**
  
- **TOTAL**
  
- **FLOAT EQUIPMENT**
  
- **TAX**
  
- **TOTAL CHARGE**
  
- **DISCOUNT** IF PAID IN 30 DAYS

**SIGNATURE**

---

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cements 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**

---

**PRINTED NAME**
## ALLIED CEMENTING CO., INC.

P.O. BOX 31  
RUSSELL, KS 67665  
PH (785) 483-3887  
FAX (785) 483-5566  
FEDERAL TAX ID#  

---

**Invoice Number:** 087931  
**Invoice Date:** 08/23/02

---

**Sold:** Dark Horse Oil Company  
**To:** 34861 Forest Park DR  
Elizabeth, CO  
80107

---

**Cust I.D.....:** Dark  
**P.O. Number:** LongFamTR#2-13  
**P.O. Date.....:** 08/23/02  
**Due Date.:** 09/22/02  
**Terms.....:** Net 30

---

### Item I.D./Desc.  
<table>
<thead>
<tr>
<th>Qty. Used</th>
<th>Unit</th>
<th>Price</th>
<th>Net</th>
<th>TX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common</td>
<td>117.00</td>
<td>SKS</td>
<td>7.8500</td>
<td>918.45</td>
</tr>
<tr>
<td>Pozmix</td>
<td>78.00</td>
<td>SKS</td>
<td>3.5500</td>
<td>276.90</td>
</tr>
<tr>
<td>Gel</td>
<td>10.00</td>
<td>SKS</td>
<td>10.0000</td>
<td>100.00</td>
</tr>
<tr>
<td>FloSeal</td>
<td>49.00</td>
<td>LBS</td>
<td>1.4000</td>
<td>68.60</td>
</tr>
<tr>
<td>Handling</td>
<td>205.00</td>
<td>SKS</td>
<td>1.1000</td>
<td>225.50</td>
</tr>
<tr>
<td>Mileage (76)</td>
<td>76.00</td>
<td>MILE</td>
<td>8.2000</td>
<td>623.20</td>
</tr>
<tr>
<td>205 sks @$0.40 per sk per mi</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug</td>
<td>1.00</td>
<td>JOB</td>
<td>630.0000</td>
<td>630.00</td>
</tr>
<tr>
<td>Mileage pmp trk</td>
<td>76.00</td>
<td>MILE</td>
<td>3.0000</td>
<td>228.00</td>
</tr>
<tr>
<td>Dryhole plug</td>
<td>1.00</td>
<td>EACH</td>
<td>23.0000</td>
<td>23.00</td>
</tr>
</tbody>
</table>

---

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.  
If Account CURRENT take Discount of $309.37 ONLY if paid within 30 days from Invoice Date

---

**Subtotal:** 3093.65  
**Tax.....:** 0.00  
**Payments:** 0.00  
**Total...:** 3093.65  

---

**Total:** 2784.28
**ALLIED CEMENTING CO., INC.**

**REMIT TO:** P.O. BOX 31
**RUSSELL, KANSAS 67665**

**DATE:** 8-22-02  **SEC:** 13  **TWP:** 25  **RANGE:** 22W

**LEASE TRUST WELL # 2-13**  **LOCATION:** OVERLON 12-3 3/4N-1/2E

**OLD OR NEW (Circle one):**

- [ ] OLD
- [x] NEW

**CONTRACTOR:** MURFIN AALB, REL

**TYPE OF JOB:**

<table>
<thead>
<tr>
<th>HOLE SIZE</th>
<th>T.D.</th>
<th>3795'</th>
</tr>
</thead>
</table>

**CASING SIZE:** DEPTH

**TUBING SIZE:** DEPTH

**DRILL PIPE:** DEPTH 216.5'

**TOOL:** DEPTH

**PRES. MAX:** MINIMUM

**MEAS. LINE:** SHOE JOINT

**CEMENT LEFT IN CSG.**

**PERFS.**

**DISPLACEMENT**

<table>
<thead>
<tr>
<th>EQUIPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUMP TRUCK</td>
</tr>
<tr>
<td># 102</td>
</tr>
<tr>
<td>BULK TRUCK</td>
</tr>
<tr>
<td># 361</td>
</tr>
</tbody>
</table>

**REMARKS:** 205 SK@ 2165'

| 100 SK@ 1450' |
| 40 SK@ 350' |
| 10 SK@ 40' |
| 15 SK@ RIG HOLE |
| 10 SK@ MOUSE HOLE |

**Thank You**

**CHARGE TO:** DARK HORSE OIL, CO.

**STREET**

**CITY**

**STATE**

**ZIP**

---

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]

---

**SERVICE**

<table>
<thead>
<tr>
<th>DEPTH OF JOB</th>
<th>2165'</th>
</tr>
</thead>
</table>

**PUMP TRUCK CHARGE | 630% |

**EXTRA FOOTAGE | @ 5% | 28% |

**MILEAGE | 23 20 |

**TOTAL | 881% |

---

**FLOAT EQUIPMENT**

<table>
<thead>
<tr>
<th>@</th>
<th>@</th>
<th>@</th>
</tr>
</thead>
<tbody>
<tr>
<td>@</td>
<td>@</td>
<td>@</td>
</tr>
<tr>
<td>@</td>
<td>@</td>
<td>@</td>
</tr>
</tbody>
</table>

**TOTAL**

<table>
<thead>
<tr>
<th>@</th>
<th>@</th>
<th>@</th>
</tr>
</thead>
</table>

**TAX**

**TOTAL CHARGE**

**DISCOUNT | IF PAID IN 30 DAYS**

**PRINTED NAME**