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

Operator: License # 5663
Name: Hess Oil Company
Address P.O. Box 1009
McPherson, KS 67460

City/State/Zip

Purchaser:
Operator Contact Person: Bryan Hess
Phone (316) 241-4640

Contractor: Name: Mallard JV, Inc.
License: 4956

Wellsite Geologist: Gerald D. Honas

Designate Type of Completion
X New Well ______ Re-Entry ______ Workover

Oil __________ SWD _______ SIOW _______ Temp. Abd.
G as _______ ENH __________ SIOW
X Dry ________ Other (Core, WSP, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
Operator:
Well Name:
Comp. Date ______ Old Total Depth ______

Deepeening ______ Re-perf. ______ Conv. to Inj/SWD
Plug Back _______ PBTD
Commingle _______ Docket No.
Dual Completion _______ Docket No.
Other (SWD or Inj) _______ Docket No.

8-12-92 ______ 8-20-92 ______ 8-20-92
Spud Date _______ Date Reached TD ______ Completion Date ______

API NO. 15- 065-22, 683-00-00 -00-0 0

County 60' W Of
- NE - NW Sec. 6 Twp. 6 Rge. 23 X W
330 Feet from NE (circle one) Line of Section
2250 Feet from SW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, SW, or NW (circle one)

Lease Name _______ WYATT _______ Well # _______ 1
Field Name
Producing Formation
Elevation: Ground _______ KB _______ 2387'
Total Depth _______ PBT D
Amount of Surface Pipe Set and Cemented at _______ 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/ _______ bx cat.

Drilling Fluid Management Plan ALT _______ (Data must be collected from the Reserve Pit)
Chloride content _______ ppm Fluid volume _______ bbls
Dewatering method used
Location of fluid disposal if hauled offsite:
Operator Name
Lease Name _______ License No.

8-12-92 _______ Quarter Sec. _______ Twp. _______ S Rng. _______ E/W
County _______ Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado
Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recollection, workover or conversion of a well.
Rule 82-3-130, 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

Title _______ Vice-President _______ Date 10-30-92

Subscribed and sworn to before me this 30 day of October _______ 19 92.

Notary Public

Date Commission Expires

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached

Distribution

SGW/Rep. NSGPA
KCC Plug Other
GKS (Specify)

Form ACO-1 (7-91)
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 E . Logs Run:
Radiation Guard Log
Computer Interpretation Log

<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>20#</td>
<td>260</td>
<td>60/40 Poz</td>
<td>150</td>
<td>2% gel, 3%cc</td>
</tr>
</tbody>
</table>
**WYRILL #1**
330' FNL, 2250' FWL
60' W Of NE NE NW, Section 6-6-23W
Graham County, Kansas

**FORMATION SAMPLE TOPS**

<table>
<thead>
<tr>
<th>Formation</th>
<th>Top Depth</th>
<th>Bottom Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anhydrite</td>
<td>2019'</td>
<td>(+ 368')</td>
</tr>
<tr>
<td>Base Anhydrite</td>
<td>2051'</td>
<td>(+ 337')</td>
</tr>
<tr>
<td>Topeka</td>
<td>3348'</td>
<td>(- 961')</td>
</tr>
<tr>
<td>Heebner</td>
<td>3549'</td>
<td>(- 1160')</td>
</tr>
<tr>
<td>Toronto</td>
<td>3571'</td>
<td>(-1183')</td>
</tr>
<tr>
<td>Lansing</td>
<td>3589'</td>
<td>(-1201')</td>
</tr>
<tr>
<td>Base Kansas City</td>
<td>3774'</td>
<td>(-1387')</td>
</tr>
<tr>
<td>RTD</td>
<td>3804'</td>
<td>(-1417')</td>
</tr>
</tbody>
</table>


**MALLARD JV, INC.**  
**DRILLING CONTRACTORS**  
P. O. Box 1009  
McPherson, KS 67460

**DRILLER'S LOG**

<table>
<thead>
<tr>
<th>OPERATOR:</th>
<th>Hess Oil Company</th>
<th>WELL:</th>
<th>Wyrill #1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>P. O. Box 1009</td>
<td>API #:</td>
<td>15-065-22,683-00-00</td>
</tr>
<tr>
<td></td>
<td>McPherson, KS 67460</td>
<td>LOCATION:</td>
<td>60' W of NE NE NW</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>330' FNL, 2250' FWL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Section 6, Township 6, Range 23W</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Graham Co., KS</td>
</tr>
<tr>
<td>COMMENCED:</td>
<td>August 12, 1992</td>
<td>ELEVATION:</td>
<td>2377' GL, 2282' KB</td>
</tr>
<tr>
<td>COMPLETED:</td>
<td>August 20, 1992</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL DEPTH:</td>
<td>3805'</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**STATUS:** D&A -- Arbuckle Formation

**SPUD:** 3:15 pm 8/12/92  
**SIZE HOLE DRILLED:** 12-1/4" x 260'  
**SURFACE CASING SIZE:** 8-5/8" x 20# x 249.83'  
**SET AT:** 259.43'  
**CEMENT:** 150 sacks 60/40 Pozmix, 2% gel, 3% cc  
**SIZE HOLE DRILLED:** 7-7/8" x 3805'  
**PLUGGED HOLE WITH:** 225 sacks 60/40 Pozmix, 6% gel, 3% cc as follows -- 25 sx @ 2020', 25 sx @ 1800', 100 sx @ 1200', 40 sx @ 310', 10 sx @ 40', 15 sx ratheole, 10 sx mousehole  
**PD:** 7:30 pm 8/20/92  
**DRILL STEM TESTS:** 3  
**ELECTRIC LOG:** Yes

***CERTIFICATE***

I, Dick Hess, Vice-President of Mallard JV, Inc., hereby certify that this is a true and correct copy of the log of the Wyrill #1 well as reflected by our files.

Dick Hess, Vice-President

STATE OF KANSAS
COUNTY OF McPHerson

Subscribed and sworn to before me this 1st day of September, 1992.

[Notary Public Seal]

My Appt. Exp. ---

---

**RECEIVED**

[State Corporation Commission]

---

[Notary Public]
**ALLIED CEMENTING CO., INC.**

Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

**Date**: 8-20-92

**Sec.**: 6

**Twp.**: 6

**Range**: 23

**Called Out**: 5130 PM

**On Location**: 5130 PM

**Contractor**: Wycill

**Location**: Hill City 12N 5W 2N

**County**: Graham

**State**: KS

---

**Owner**: KE

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 listed.

**Charge To**: Hess Oil Co

**Street**: Boz 905

**City**: McPherson State Kansas 67460

The above was done to satisfaction and supervision of owner agent or contractor.

**Purchase Order No.**: X

---

**CEMENT**

**Amount Ordered**: 225 tons 6% gel 3% HC

**Consisting of**:
- Common: 135 tons 55% 742 $0
- Poz. Mix: 90 @ 250 $22,500
- Gel.: 7 @ 675 $4,725
- Chloride: Q
d- Quickset: H

**Sales Tax**: 225 $0

**Mileage**: $190

**Sub Total**: 14,297

**Total**: 14,297

---

**EQUIPMENT**

<table>
<thead>
<tr>
<th>No.</th>
<th>Pumptrk</th>
<th>Helper</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>153</td>
<td>Cementer</td>
<td>Gerald</td>
<td>Mark</td>
</tr>
<tr>
<td></td>
<td>Helper</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DEPT of Job**

**Reference**: Pump trip chg, 280 $0

**1200 per mile, plug**: 70 $0

**Sub Total**: 21 $0

**Tax**: 471 $0

**Total**: 471 $0

**Remarks**: 25 sl @ 2020

25 sl @ 1800

100 @ 1200

40 @ 310

10 = 40 12# plug 15 Pad Jobs Remove Hole

---

**RECEIVED**

State: Kansas, Clerk's Commission

**NOV 9 1992**

Winston, Kansas
# Allied Cementing Co., Inc.

**Home Office P. O. Box 31**
**Russell, Kansas 67665**

<table>
<thead>
<tr>
<th>Date</th>
<th>8-12-92</th>
<th>Sec. 6</th>
<th>Twp. 6</th>
<th>Range 23</th>
</tr>
</thead>
<tbody>
<tr>
<td>Called Out</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>On Location</td>
<td>6:00PM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Start</td>
<td>8:15PM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finish</td>
<td>8:30PM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lease</td>
<td>Well No. 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td>Hill City 18N.5W.2N</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>County</td>
<td>Graham</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State</td>
<td>KS</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Contractor:**
Phillips Joint Ventures

**Type Job:**
Surface

**Hole Size:**
12"

**Casing Depth:**
259 ft

**Tubing Size:**

**Drill Pipe Depth:**

**Tool Depth:**

**Cement Left in Casing:**
15 ft

**Shoe Joint:**

**Press Max.:**

**Displace 16 BB1**

**Perf.**

---

## Equipment

<table>
<thead>
<tr>
<th>No.</th>
<th>Cementer</th>
<th>Helper</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>191</td>
<td>Dave</td>
<td>Guy</td>
<td>Jason</td>
</tr>
<tr>
<td>212</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Depth of Job

**Reference:**

1200 ft.

8 Elevation plus

**Sub Total:**

**Tax:**

---

**Remarks:**

Cement Lab

---

**CEMENT**

<table>
<thead>
<tr>
<th>Consisting of</th>
<th>Ordered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common</td>
<td>150%</td>
</tr>
<tr>
<td>Poz. Mix</td>
<td>3%</td>
</tr>
<tr>
<td>Gel.</td>
<td>2%</td>
</tr>
<tr>
<td>Chloride</td>
<td>1%</td>
</tr>
<tr>
<td>Quickset</td>
<td>1%</td>
</tr>
</tbody>
</table>

**Amount**

- 495.00
- 150.00
- N/L
- 84.00

**Sales Tax**

- 150.00

**Handling**

- 210.00

**Mileage**

- 210.00

**Total**

- 1089.00

---

**RECEIVED**

[Signature]

Wichita, Kansas

**NOV 9 1992**