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
City/State/Zip: McPherson, KS 67460

Purchaser:
Operator Contact Person: Bryan Hess
Phone: (316) 241-4640
Contractor: Name: Mallard J.V., Inc.
License: 4958
Wellsite Geologist: James C. Hess

Designate Type of Completion
X New Well  Re-Entry  Workover

Oil  SWD  SION  Temp. Abd.
Gas  ENHR  SGW
X 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  PBTD

Commingle  Docket No.
Dual Completion  Docket No.
Other (SWD or Inj?)  Docket No.

9/26/94  10/1/94  10/1/94
Spud Date  Date Reached TD  Completion Date

API NO. 15-179-21,072-00-00
County: Sheridan
Approx. NW - NW - NW Sec. 36 Twp. 6 Rge. 26 E W
500 Feet from (circle one) Line of Section
600 Feet from (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner: NE, SE, NW, or SW (circle one)

Lease Name: Shipley  Well # 1
Field Name:
Producing Formation:
Elevation: Ground 2643'  KB 2648'
Total Depth 3994'  PBD
Amount of Surface Pipe Set and Cemented at 338 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/s sx cmt.
Drilling Fluid Management Plan DIA 1-9-96
(Data must be collected from the Reserve Pit)
Chloride content 3,000 ppm  Fluid volume 140 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.
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, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, reclamation, 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 well 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: Dick Hess
Title: Dick Hess, Vice-President
Date: 12/28/94
Subscribed and sworn to before me this 28th day of December, 1994.
Notary Public: Bryan Hess
Date Commission Expires: 5-31-77

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

Distribution
KCC  SMD/Rep  Other
KGS  Plug  (Specify)
NGPA

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 [X Yes □ No] (Attach Additional Sheets.)
Samples Sent to Geological Survey [X Yes □ No]
Cores Taken [□ Yes □ No]
Electric Log Run [X Yes □ No] (Submit Copy.)
List All E.Logs Run: Radiation Guard

Log Formation (Top), Depth and Datums [X Sample]
Name Top Datum
Anhydrite 2259' (+389)
Base Anhydrite 2291' (+337)
Topeka 3577' (-929)
Heeberner 3730' (-1082)
Lansing 3770' (-1122)
Base Kansas City 3966' (-1319)
RTD 3984' (-1336)

Casing Record [□ New [X] 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>20#</td>
<td>338'</td>
<td>60/40 Poz</td>
<td>160</td>
<td>2% gel, 3% cc</td>
</tr>
</tbody>
</table>

Additional Cementing/Squeeze Record

Purpose:
- Perforate
- Protect Casing
- Plug Back TD
- Plug Off Zone

<table>
<thead>
<tr>
<th>Purpose: Depth</th>
<th>Top Bottom</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Tubing Record

<table>
<thead>
<tr>
<th>Size</th>
<th>Set At</th>
<th>Packer At</th>
<th>Liner Run</th>
<th>Yes No</th>
</tr>
</thead>
</table>

Date of First, Resumed Production, SWD or Inj.
Producing Method [□ Flowing □ Pumping □ Gas Lift □ Other (Explain)]

Estimated Production Per 24 Hours

<table>
<thead>
<tr>
<th>Oil Bbls.</th>
<th>Gas Mcf</th>
<th>Water Bbls.</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
</tr>
</thead>
</table>

Disposition of Gas: [□ Vented □ Sold □ Used on Lease (If vented, submit ACO-18.)]

METHOD OF COMPLETION

Open Hole □ Perf. □ Dually Comp. □ Commingled □ Other (Specify)
ACO-1 Completion Form Attachment

SHIPLEY #1
Approx. NW NW NW, Sec. 36-6-26W, Sheridan County, KS
API #15-179-21,072-00-00

DST #1
Interval: 3780'-3820'. Times: 30-30-10-0. Initial blow - slid tool 5' when opened, 1-1/2" blow decreasing & died. Final blow - no blow, pulled tool. Recovered 60' Mud. Pressures: IH 1819#, IF 67-59#, ISI 447#, FF 82-0#, FSI 0#, FH 1798#. BHT 112F.

DST #2
Interval: 3820'-3910'. Times: 30-30-10-0. Initial blow - weak 1/2" decreasing to 1/4". Final blow - no blow. Recovered 15' Mud. Pressures: IH 1930#, IF 67-67#, ISI 893#, FF 94-0#, FSI 0#, FH 1813#. BHT 108F.
# Allied Cementing Co., Inc.

**Home Office P. O. Box 31**

**Russell, Kansas 67665**

<table>
<thead>
<tr>
<th>Date</th>
<th>Sec.</th>
<th>Fwp.</th>
<th>Range</th>
<th>Called Out</th>
<th>On Location</th>
<th>Job Start</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-24-94</td>
<td>36</td>
<td>6s</td>
<td>26w</td>
<td>8:00PM</td>
<td>11:00PM</td>
<td>1:00AM</td>
<td>1:30AM</td>
</tr>
</tbody>
</table>

**Lease:** Shipley  
**Well No.:** #1  
**Location:** Studley  
**County:** Sheridan  
**State:** Kansas

**Contractor:** Mallard Drilling, Rig #2

**Type Job:** Surface

<table>
<thead>
<tr>
<th>Hole Size</th>
<th>T.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 1/4</td>
<td>338'</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cag.</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 9/8</td>
<td>20#</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tdg. Size</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drill Pipe</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tool</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cement Left in Cag.</th>
<th>Shoe Joint</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-20</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Press Max.</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Mox Line:** 323'  
**Displace:** 21'

---

**EQUIPMENT**

<table>
<thead>
<tr>
<th>No.</th>
<th>Caguer</th>
<th>Helper</th>
</tr>
</thead>
<tbody>
<tr>
<td>177</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>No.</th>
<th>Caguer</th>
<th>Helper</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>No.</th>
<th>Caguer</th>
<th>Helper</th>
</tr>
</thead>
<tbody>
<tr>
<td>160</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bulktrk</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DEPTH of Job**

**Reference:** Pump Truck Chrg.

<table>
<thead>
<tr>
<th>1 8 5/8</th>
<th>Wooden Plug</th>
</tr>
</thead>
</table>

**Sub Total**  
**Tax**  
**Total**

**Remarks:** Cement Circulated
**ALLIED CEMENTING CO., INC.**

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

<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>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-1-94</td>
<td>36</td>
<td>6</td>
<td>26</td>
<td>4:30 P.M.</td>
<td>6:30 P.M.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Lease:** Shiley  
**Well No.:** 1  
**Location:** 1W80+1F, Sidney  
**County:** Sheridan  
**State:** KS

**Contractor:**  
**Type Job:** Plug  
**Hole Size:** 7  
**Casing Depth:**  
**Tubing Size:** 4-1/2  
**Drill Pipe:** 4-1/2  
**Tool:**  
**Cement Left in Casing:**  
**Press Max:**  
**Mess Line:** Displace

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**Owner:**  
**Charge To:** Hess Oil  
**Street:**  
**City:**  
**State:**  
**The above was done to satisfaction and supervision of owner agent or contractor.**

**Purchase Order No.**

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**CEMENT**

<table>
<thead>
<tr>
<th>Amount Ordered</th>
<th>2000 lbs. 6/14/10 - 6/14/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consisting of</td>
<td>240 Pots (80)</td>
</tr>
<tr>
<td>Poz. Mix</td>
<td>60</td>
</tr>
<tr>
<td>Gel.</td>
<td>40</td>
</tr>
<tr>
<td>Citric Acid</td>
<td>2</td>
</tr>
<tr>
<td>Quickset</td>
<td></td>
</tr>
</tbody>
</table>

**Sales Tax**

**Handling**

**Mileage**

**Sub Total**

**Sub Total**

---

**Depth of Job**

**Reference:**  
**Sub Total**

**Remarks:**

- 1st Plug C275 W4 2.5
- 2nd Plug C1440 W4 100
- 3rd Plug C390 W4 10
- 4th Plug C40 W4 10
- 18' Rethole

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**Confirmation Commission**

**Dec 3, 1991**

**Thanks**