

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5663
Name: Hess Oil Company
Address 1: P. O. Box 1009
Address 2: _____
City: McPherson State: KS Zip: 67460 + 1009
Contact Person: Bryan Hess
Phone: (620) 241-4640
CONTRACTOR: License # 4958
Name: Mallard JV, Inc.
Wellsite Geologist: James C. Hess
Purchaser: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 Dry Other _____
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr. Conv. to SWD
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: _____
3/30/2010 4/5/2010 4/5/2010
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 083-21635-00-00
Spot Description: approx.
SE NE NW SE Sec. 25 Twp. 21 S. R. 22 East West
2100 Feet from North / South Line of Section
1400 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Hodgeman
Lease Name: Hahn Well #: 3
Field Name: _____
Producing Formation: _____
Elevation: Ground: 2232' Kelly Bushing: 2237'
Total Depth: 4510' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 231 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 cm.

Drilling Fluid Management Plan P+A AH I NE
(Data must be collected from the Reserve Pit) 5-20-10
Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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: Bryan Hess
Title: Bryan Hess Date: President
Subscribed and sworn to before me this 18th day of May,
20 10.
Notary Public: Carola A. Nickel
Date Commission Expires: _____



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____ RECEIVED KANSAS CORPORATION COM
 Wireline Log Received
 Geologist Report Received MAY 19 2010
 UIC Distribution CONSERVATION DIVISION WICHITA, KS

Operator Name: Hess Oil Company Lease Name: Hahn Well #: 3
 Sec. 25 Twp. 21 S. R. 22 East West County: Hodgeman

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

| | |
|--|---|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Radiation Guard | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface | 12-1/4" | 8-5/8" | 20 | 231' | common | 160 | 2% gel, 3% cc |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| | | | |
| | | | |
| | | | |
| | | | |

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WICHITA, KS

| | | | | |
|---|-----------|--|-------------|---|
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Enhr. | | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio Gravity |

| | | |
|--|---|---|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: _____ _____ |
|--|---|---|

HESS OIL COMPANY

P.O. Box 1009
McPherson, KS 67460-1009

ACO-1 Completion Form Attachment

Hahn #3

Approx. SE NE NW SE
2100' FSL, 1400' FEL
Section 25-21-22W, Hodgeman County
API #15-083-21635-00-00
Elev: 2237' KB

Sample Tops

| Formation | Hahn #3 | (datum) |
|------------------|---------|---------|
| Anhydrite | 1415 | +822 |
| Base Anhydrite | 1437 | +800 |
| Heebner | 3814 | -1577 |
| Lansing | 3867 | -1630 |
| Stark Shale | 4171 | -1934 |
| Base Kansas City | 4234 | -1997 |
| Pawnee | 4333 | -2096 |
| Fort Scott | 4395 | -2158 |
| Cherokee Shale | 4418 | -2181 |
| Miss Osage | 4486 | -2249 |
| RTD | 4510 | -2273 |

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CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., LLC. 036392

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

SERVICE POINT:

Great Bend KS

| | | | | | | | |
|--------------------------------|----------------|--------------------------------------|------------------|------------|------------------------|--------------------------|---------------------------|
| DATE <u>3-30-10</u> | SEC. <u>25</u> | TWP. <u>21s</u> | RANGE <u>22w</u> | CALLED OUT | ON LOCATION | JOB START <u>11:30am</u> | JOB FINISH <u>12:45pm</u> |
| LEASE <u>Hahn</u> | WELL# <u>3</u> | LOCATION <u>Hanson East T0 220RD</u> | | | COUNTY <u>Hodgeman</u> | STATE <u>KS</u> | |
| OLD OR <u>NEW</u> (Circle one) | | <u>3 3/4 North west into</u> | | | | | |

CONTRACTOR Mallard
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 231
 CASING SIZE 8 5/8 DEPTH 231
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15
 PERFS. _____
 DISPLACEMENT 13 3/4 BBLS freshwater

OWNER Hess oil
 CEMENT
 AMOUNT ORDERED 160 BX class A
3%cc 2% Gel
 COMMON 160 @ 13.50 2160.00
 POZMIX _____ @ _____
 GEL 3 @ 20.25 60.75
 CHLORIDE 5 @ 51.50 257.50
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 160 @ 22.25 360.00
 MILEAGE 160 X 35 X .10 560.00

EQUIPMENT
 PUMP TRUCK CEMENTER wayne D
 # 181 HELPER wayne
 BULK TRUCK
 # 344 DRIVER Bob
 BULK TRUCK
 # _____ DRIVER _____

TOTAL 3,398.25

REMARKS:
Pipe on Bottom Break
Circulation with Rig mud
Hook up to cement pump
Mix 160 BX class A 3%cc
2% Gel shut down
Release plug Displace
13 3/4 BBLS freshwater
Cement did circulate wash
up Rig Down

SERVICE
 DEPTH OF JOB 231
 PUMP TRUCK CHARGE 991.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 35 @ 7.00 245.00
 MANIFOLD _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL 1236.00

CHARGE TO: Hess oil
 STREET _____
 CITY _____ STATE _____ ZIP _____

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CONSERVATION DIVISION
 WICHITA, KS

PLUG & FLOAT EQUIPMENT
 _____ @ _____
1 8 5/8 wooden plug @ 53.00
 _____ @ _____
 _____ @ _____
 _____ @ _____

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment
 and furnish cement and labor to assist in the completion of the job.

HESS OIL COMPANY

225 N. Market, Suite 300

Wichita, Kansas 67202

(316) 263-2243

GEOLOGICAL REPORT

HAHN #3

2100' FSL, 1400' FEL of

SECTION 25 - 21S - 22W

HODGEMAN COUNTY, KANSAS

Commenced: 3-30-10 Elevations: 2232' GR, 2237' KB
Completed: 4-5-10 Surface Pipe: 8-5/8" @ 231' KB
Contractor: Mallard J.V. Production Pipe: none

One foot drilling time was kept from 1400 to 1460' KB and from 3700' to rotary total depth. Ten foot drilling samples (wet & dry) were kept from 4100' to RTD.

Following are sample tops, descriptions of zones of interest (including all shows of oil & gas), and the results of all drill stem tests.

| | | |
|-----------------------|-------------|----------------|
| <u>ANHYDRITE</u> | <u>1415</u> | <u>(+ 822)</u> |
| <u>BASE ANHYDRITE</u> | <u>1437</u> | <u>(+ 800)</u> |
| <u>HEEBNER</u> | <u>3814</u> | <u>(-1577)</u> |

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MAY 19 2010

COURTESY OF THE
KANSAS CORPORATION COMMISSION

HESS OIL COMPANY

225 N. Market, Suite 300

Wichita, Kansas 67202

(316) 263-2243

Hahn #3

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| | | |
|-------------------------|-------------|----------------|
| <u>LANSING</u> | <u>3867</u> | <u>(-1630)</u> |
| <u>STARK SHALE</u> | <u>4171</u> | <u>(-1934)</u> |
| <u>BASE KANSAS CITY</u> | <u>4234</u> | <u>(-1997)</u> |
| <u>PAWNEE</u> | <u>4333</u> | <u>(-2096)</u> |
| <u>FORT SCOTT</u> | <u>4395</u> | <u>(-2158)</u> |

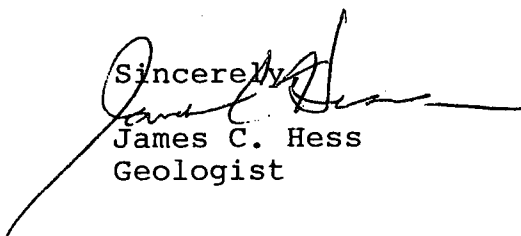
4408-12' KB

Tan, very finely crystalline, limestone. Very slight show of free oil in very poor intercrystalline porosity, no odor, slight stain, and a slight cut.

| | | |
|---------------------------|-------------|--|
| <u>CHEROKEE SHALE</u> | <u>4418</u> | <u>(-2181)</u> |
| <u>MISSISSIPPI OSAGE</u> | <u>4486</u> | <u>(-2249)</u> |
| <u>ROTARY TOTAL DEPTH</u> | <u>4510</u> | <u>(-223⁷³7)</u> |

This well ran low from the Anhydrite to the Heebner and on down to the Mississippi Osage to the Hahn #1. A Radiation Guard Log (with caliper) was run to confirm the tops & their low datums. The only oil show came in a few "tight" rocks from the Fort Scott. The show did not indicate a test was needed and the log confirmed, no porosity in the Fort Scott. The Hahn #3 was plugged on 4-5-10.

Sincerely,


James C. Hess
Geologist