

SIDE ONE

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

Operator: License # 5663Name: Hess Oil CompanyAddress P.O. Box 1009City/State/Zip McPherson, KS 67460

Purchaser: \_\_\_\_\_

Operator Contact Person: Bryan HessPhone ( 316 ) 241-4640Contractor: Name: Mallard JV, Inc.License: #4958Wellsite Geologist: James C. Hess

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ Temp. Abd.  
☐ Gas ☐ Inj ☐ Delayed Comp.  
☒ Dry ☐ Other (Core, Water Supply, etc.)

If ~~OWNO~~: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

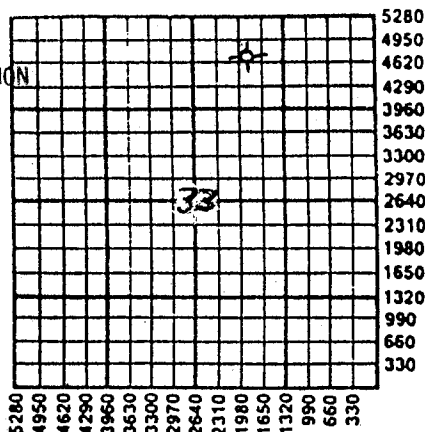
Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable4-24-91 4-30-91 4-30-91

Date Date Reached TD Completion Date

API NO. 15- 195-22,088County Tregoapprox. G NW NE Sec. 33 Twp. 15 Rge. 25 ☒ East West4780 Ft. North from Southeast Corner of Section1950 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)Lease Name Basinger "B" Well # 2Field Name Basinger

Producing Formation \_\_\_\_\_

Elevation: Ground 2445' KB 2453'Total Depth 4399' PBTD \_\_\_\_\_

AIR DRY

Amount of Surface Pipe Set and Cemented at 212 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☐ No

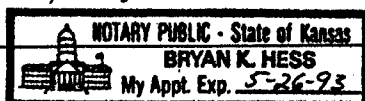
If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 HessTitle Vice-Pres. Date 6-10-91Subscribed and sworn to before me this 10 day of June, 19 91.Notary Public Bryan K. HessDate Commission Expires 7

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached

C ☐ Wireline Log Received

C ☐ Drillers Timelog Received

Distribution

☐ KCC ☐ SWD/Rep ☐ NGPA

☒ KGS ☐ Plug ☒ Other (Specify)

Form ACO-1 (7-89)

**SIDE TWO**

Operator Name Hess Oil Company Lease Name Basinger "B" Well # 2  
☐ East County Trego  
 Sec. 33 Twp. 15 Rge. 25 ☒ West

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>(Attach Additional Sheets.)<br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>(Submit Copy.) | <p align="center"><b>Formation Description</b></p> <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Log           <input checked="" type="checkbox"/> Sample         </div> <table style="width:100%; border-collapse: collapse;"> <tr><td>Anhydrite</td><td align="right">1893'</td><td align="right">(+ 560)</td></tr> <tr><td>Base Anhy.</td><td align="right">1929'</td><td align="right">(+ 524)</td></tr> <tr><td>Heebner</td><td align="right">3742'</td><td align="right">(-1289)</td></tr> <tr><td>Lansing</td><td align="right">3785'</td><td align="right">(-1332)</td></tr> <tr><td>Stark Shale</td><td align="right">4014'</td><td align="right">(-1561)</td></tr> <tr><td>Base K.C.</td><td align="right">4074'</td><td align="right">(-1621)</td></tr> <tr><td>Marmaton</td><td align="right">4116'</td><td align="right">(-1663)</td></tr> <tr><td>Pawnee</td><td align="right">4204'</td><td align="right">(-1751)</td></tr> <tr><td>Fort Scott</td><td align="right">4284'</td><td align="right">(-1829)</td></tr> <tr><td>Mississippi Dolo.</td><td align="right">4390'</td><td align="right">(-1937)</td></tr> <tr><td>RTD</td><td align="right">4399'</td><td align="right">(-1946)</td></tr> </table> | Anhydrite | 1893' | (+ 560) | Base Anhy. | 1929' | (+ 524) | Heebner | 3742' | (-1289) | Lansing | 3785' | (-1332) | Stark Shale | 4014' | (-1561) | Base K.C. | 4074' | (-1621) | Marmaton | 4116' | (-1663) | Pawnee | 4204' | (-1751) | Fort Scott | 4284' | (-1829) | Mississippi Dolo. | 4390' | (-1937) | RTD | 4399' | (-1946) |
| Anhydrite                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1893'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (+ 560)   |       |         |            |       |         |         |       |         |         |       |         |             |       |         |           |       |         |          |       |         |        |       |         |            |       |         |                   |       |         |     |       |         |
| Base Anhy.                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1929'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (+ 524)   |       |         |            |       |         |         |       |         |         |       |         |             |       |         |           |       |         |          |       |         |        |       |         |            |       |         |                   |       |         |     |       |         |
| Heebner                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3742'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-1289)   |       |         |            |       |         |         |       |         |         |       |         |             |       |         |           |       |         |          |       |         |        |       |         |            |       |         |                   |       |         |     |       |         |
| Lansing                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3785'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-1332)   |       |         |            |       |         |         |       |         |         |       |         |             |       |         |           |       |         |          |       |         |        |       |         |            |       |         |                   |       |         |     |       |         |
| Stark Shale                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4014'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-1561)   |       |         |            |       |         |         |       |         |         |       |         |             |       |         |           |       |         |          |       |         |        |       |         |            |       |         |                   |       |         |     |       |         |
| Base K.C.                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4074'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-1621)   |       |         |            |       |         |         |       |         |         |       |         |             |       |         |           |       |         |          |       |         |        |       |         |            |       |         |                   |       |         |     |       |         |
| Marmaton                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4116'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-1663)   |       |         |            |       |         |         |       |         |         |       |         |             |       |         |           |       |         |          |       |         |        |       |         |            |       |         |                   |       |         |     |       |         |
| Pawnee                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4204'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-1751)   |       |         |            |       |         |         |       |         |         |       |         |             |       |         |           |       |         |          |       |         |        |       |         |            |       |         |                   |       |         |     |       |         |
| Fort Scott                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4284'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-1829)   |       |         |            |       |         |         |       |         |         |       |         |             |       |         |           |       |         |          |       |         |        |       |         |            |       |         |                   |       |         |     |       |         |
| Mississippi Dolo.                                                                                                                                                                                                                                                                                                                                                                                                                           | 4390'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-1937)   |       |         |            |       |         |         |       |         |         |       |         |             |       |         |           |       |         |          |       |         |        |       |         |            |       |         |                   |       |         |     |       |         |
| RTD                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4399'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (-1946)   |       |         |            |       |         |         |       |         |         |       |         |             |       |         |           |       |         |          |       |         |        |       |         |            |       |         |                   |       |         |     |       |         |

| CASING RECORD <input type="checkbox"/> New <input checked="" 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#             | 212'                                                               | 60/40 poz      | 135sks       | 2%gel, 3%cc                |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
| PERFORATION RECORD                                                                  |                                                                                                                                                               |                           |                 | Acid, Fracture, Shot, Cement Squeeze Record                        |                |              |                            |         |
| Shots Per Foot                                                                      | Specify Footage of Each Interval Perforated                                                                                                                   |                           |                 | (Amount and Kind of Material Used)                                 |                |              | Depth                      |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
| TUBING RECORD                                                                       |                                                                                                                                                               |                           |                 | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |                |              |                            |         |
| Size                                                                                | Set At                                                                                                                                                        | Packer At                 |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
|                                                                                     |                                                                                                                                                               |                           |                 |                                                                    |                |              |                            |         |
| Date of First Production                                                            | 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: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

**METHOD OF COMPLETION**

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled

☐ Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

|                                                           |       |
|-----------------------------------------------------------|-------|
| MALLARD JV, INC.<br>P. O. BOX 1009<br>McPHERSON, KS 67460 |       |
| D R I L L E R S                                           | L O G |

JUN 12 1991

COPY

OPERATOR: Hess Oil Company  
P.O. Box 1009  
McPherson, KS 67460

WELL: Basinger "B" #2

API #: 15-195-22,088

COMMENCED: April 24, 1991

LOCATION: Approx. C NW NE

COMPLETED: April 30, 1991

4780 FT. FSL, 1950 FT FEL

TOTAL DEPTH: 4399 FT.

SEC. 33 TWP. 15 RGE. 25 W

ELEVATION: 2445 FT. GL, 2453 FT. KB

COUNTY: Trego

|                                       |                                        |
|---------------------------------------|----------------------------------------|
| STATUS: D & A - Mississippi Formation |                                        |
| Size Hole Drilled:                    | 12-1/4" x 215'                         |
| Surface Casing:                       | 8-5/8" x 20# x 202.02' (5 jts.)        |
| Set At:                               | 211.62'                                |
| Cement:                               | 135 sacks 60/40 Pozmix, 2% gel, 3% cc  |
| P.D.:                                 | 9:25 p.m. 4/24/91                      |
| Size Hole Drilled:                    | 7-7/8" x 4399'                         |
| Plugged Hole With:                    | 25 sacks @ 1900'                       |
|                                       | 100 sacks @ 875'                       |
|                                       | 40 sacks @ 250'                        |
|                                       | 10 sacks @ 40'                         |
|                                       | 15 sacks rathole                       |
|                                       | 10 sacks mousehole                     |
|                                       | 200 sacks total - 60/40 Pozmix, 6% gel |
| P.D.:                                 | 6:10 p.m. 4/30/91                      |
| Drill Stem Tests:                     | None                                   |
| Electric Log:                         | None                                   |

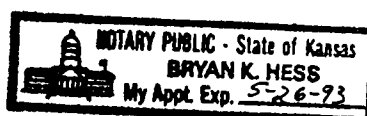
... CERTIFICATE ...

James H. Hess, Vice-President of Mallard JV, Inc., hereby certifies that this is a true and correct copy of the log of the following well, as reflected by the files of Mallard JV, Inc.: Basinger "B" #2

James H. Hess  
James H. Hess, Vice-President

STATE OF KANSAS )  
COUNTY OF McPHERSON ) ss.

Subscribed and sworn to before me this 13th day of May, 1991.



Bryan K. Hess  
Bryan K. Hess, Notary Public