

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 5050  
Name: Hummon Corporation  
Address: 950 N. Tyler Road,  
City/State/Zip: Wichita, KS 67212-3240  
Purchaser: None  
Operator Contact Person: Brent B. Reinhardt  
Phone: ( 316 ) 773-2300  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: Arden Ratzlaff

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover  
☒ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.  
☒ Gas ☐ ENHR ☐ SIGW  
☐ 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./SWD

\_\_\_\_\_ Plug Back \_\_\_\_\_ Plug Back Total Depth

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_

8/6/03 8/17/03 11/10/03  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No.: 15-033-21366 00-00  
County: Comanche

50'S & 15'E of  
NW NE NE Sec 25 Twp 33 S. Rng 16 ☐ East ☒ West  
380 feet from ☐ S ☒ N (check one) Line of Section  
975 feet from ☒ E ☐ W (check one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(check one) ☒ NE ☐ SE ☐ NW ☐ SW

Lease Name: MERRILL TRUST Well #: 1-25

Field Name: Wildcat

Producing Formation: Mississippian

Elevation: Ground: 1749' Kelly Bushing: 1762'

Total Depth: 5350 Plug Back Total Depth: None

Amount of Surface Pipe Set and Cemented at 318 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 cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content 20,000 ppm Fluid volume 800 bbls

Dewatering method used \_\_\_\_\_ Water Hauled

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: BEMCO

Lease Name: COLE SWD License No.: 32613

Quarter SE Sec. 25 Twp. 32 S. R. 12 ☐ East ☒ West

County: Barber Docket No.: D-19886

**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: Brent B Reinhardt  
Brent B. Reinhardt

Title: Production Manager Date: 1/23/04

Subscribed and sworn to before me this 23rd day of January

20 04

Notary Public: Karen Reeves

Date Commission Expires: 10-12-2004 10/12/04

**KCC Office Use ONLY**

Day Letter of Confidentiality Attached DPW

☒ Denied, Yes ☒ Date: 01-28-04 ED

KAREN REEVES

NOTARY PUBLIC

STATE OF KANSAS

My Appt. Exp. 10-12-2004

☒ Wireline Log Received

☒ Geologist Report Received

☒ UIC Distribution

Operator Name: Hummon Corporation Lease Name: MERRILL TRUST Well #: #1-25  
 Sec 25 Twp 33 S. R. 16 ☐ East ☒ West County: Comanche

**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 ☒ 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: LOG TECH: Dual Compensated Porosity;

Dual Induction; Microresistivity; Borehole Compensated Sonic Log;

Sonic Cement Bond Log; Geological Report

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

See attached log tops & DST information.

### CASING RECORD ☒ New ☐ 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           | 17 1/2"           | 13 3/8"                   | 48#               | 318'          | Class A        | 300 sks      | 2%Gel, 5%Cc                |
| Production        | 7 7/8"            | 5 1/2"                    | 24#               | 5340'         | Class H        | 200 sks      | 10%Gyp, 10%Salt            |
|                   |                   |                           |                   |               |                |              |                            |

### 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<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used)   | Depth       |
|---|---|---|-------------|
| 4   | 5172-5180' Mississippian (9/8/03)   | Ran Retrivable Packer and isolated zone: AC: 500 gals MCA, Swb: .5BPM @ 775# to 8BPM @ 800#   | 5180'       |
| 4   | 5147-5153' Mississippian (9/10/03)  | Pulled up to set packer and isolate zone; AC: 300 gals MCA; Swb: 1.5BPM @ 970#. SION: Swb: 1.12 bbl 2nd Hr; 1.16 3rd Hr                               | 5153'       |
| 4   | 5210-5220' Mississippian (9/17/03)  | AC: 825 gals 15% MCA; SION: FL=4400'; GTS; ReAC: 2000 gals NeFe; Swb: 2.6BPM @ 780#.  | 5220'       |
| 4   | 4958-4964' Pawnee (11/5/03)   | 5 1/2" BP set at 5094'. Perf. AC: 1000 gals 15% MA. Ran 2 3/8" tbg & Mod. R Packer set at 4950'. Swb: 28bbls of 48bbl load. TP:200# ON.               | 4964'       |
| 4   | 5044-5047' Cherokee (11/6/03)   | Moved packer to 5030'. Perf. AC: 250 gals 7.5% MA. Communicated with Pawnee zone.   | 5047'       |
| 4   | 4765-4770' LKC Hertha (11/10/03)  | Pulled tubing & packer. Set 5 1/2 CP at 4838' Perf. Ran tbg and set packer at 4757'. Swb: 100 bbls wtr /pull. Chlorides: 70,000-80,000. Shut In Well. | 4770'       |
| TUBING RECORD                                   |   | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |             |
| Size Set At                                     |   | Packer At   |             |
| 2 3/8"  |   | 5168' None  |             |
| Date of First, Resumed Production, SWD or Enhr. |   | Producing Method  |             |
| Pending Completion and Rework Possibilities     |   | <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. |
|   | 0   | 0   | 0           |
|   |   | Gas-Oil Ratio Gravity   |             |

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease  
 (If vented, Submit A CO- 18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_

Waiting on Rework Possibilities

**HUMMON CORPORATION  
DAILY DRILLING REPORT  
(ACO-1 Supplemental)**

RECEIVED  
JAN 26 2004  
KCC WICHITA

**Lease:** *Merrill Trust 1-25*  
**Spot:** *Approx. 50'S & 15"E  
of NW NE NE*

**Prospect:** *Indian Creek*  
**Section:** *25-33S-16W*

**Elevation:** **G.L.** 1749  
**K.B.** 1762

**County:** *Comanche*  
**Contractor:** *Duke Drilling Co.*  
**Geologist:** *Arden Ratzlaff*  
**Mud Co.:** *Baroid*  
**Gas Sniffer:** *Earth Tech OGL*  
**Testing:** *Trilobite Testing*  
**Supply Co.:** *National Supply Co.*  
**Cement:** *Allied Cementing Co.*  
**Key Well:**

**State:** *Kansas*

**Spud Date:** *8/6/03 7:00 a.m.*

**API #** *15-033-21366-00-00*

| <b>Tops</b>         | <b>Sample</b> |              | <b>E-Log</b> |              | <b>Key Well</b> |
|---------------------|---------------|--------------|--------------|--------------|-----------------|
| <i>Heebner</i>      | <i>4164</i>   | <i>-2402</i> | <i>4165'</i> | <i>-2403</i> |                 |
| <i>Lansing</i>      | <i>4350</i>   | <i>-2588</i> | <i>4349</i>  | <i>-2587</i> |                 |
| <i>Drum</i>         | <i>4588</i>   | <i>-2826</i> | <i>4587'</i> | <i>-2825</i> |                 |
| <i>Stark</i>        | <i>4712</i>   | <i>-2950</i> | <i>4716'</i> | <i>-2954</i> |                 |
| <i>Hush Puckney</i> | <i>4758</i>   | <i>-2996</i> | <i>4758'</i> | <i>-2996</i> |                 |
| <i>Base of K.C.</i> | <i>4806</i>   | <i>-3044</i> | <i>4811'</i> | <i>-3049</i> |                 |
| <i>Cherokee</i>     | <i>5009</i>   | <i>-3247</i> | <i>5004'</i> | <i>-3242</i> |                 |
| <i>Mississippi</i>  | <i>5037</i>   | <i>-3275</i> | <i>5014'</i> | <i>-3252</i> |                 |
|                     |               |              |              |              |                 |
|                     |               |              |              |              |                 |
|                     |               |              |              |              |                 |
|                     |               |              |              |              |                 |
|                     |               |              |              |              |                 |
| <b>Total Depth</b>  | <b>5262'</b>  | <b>-3500</b> | <b>5252'</b> | <b>-3490</b> |                 |

8/6/03 Set 7 joints (306.28) 13 3/8 X 48# @ 318' with 300 sx Class A, 5% CC, 2% gel. P.D. 3:00 p.m.  
Did circulate.

**DST #1 5048' – 5098' (Conglomerate-Mississippian)**

Times: :30 :45 :30 :45

Initial Blow: Weak blow built to 1 1/4" inches and decreased to a very weak surface blow.

IFP: 57-63/ 30"

ISIP: 119 / 45"

Final Blow: No blow, flushed tool, good surge, very weak surface blow for 2 minutes and died.

FFP: 65-83/ 30"

FSIP: 108 / 45"

Recovered: 60' of drilling mud, no shows.

**DST #2 5165' – 5198' (Mississippian)**

Times: :30 :60 :30 :60

Initial Blow: Weak blow built to 2 inches and decreased to 1/4" blow

IFP: 69-88/ 30"

ISIP: 156 / 60"

Final Blow: No blow, flushed tool, blow went to 2 inches, decreased to a weak blow.

FFP: 96-136/ 30"

FSIP: 227 / 60"

Recovered: 180 feet of very slightly gas cut drilling mud, no shows.

**HUMMON CORPORATION  
DAILY DRILLING REPORT  
(ACO-1 Supplemental)**

**RECEIVED**

**JAN 26 2004**

**KCC WICHITA**

**DST #3 5168-5252 (Mississippian)**

Times: :30 :45 :15 :45

Initial blow: Fair blow for about 15 minutes. Fluid recoveries were hindered due to skidding the tool 20 feet.

IFP 158-178

ISP 308#

FFP 156-171

FSIP 328#

130 degrees F in the bottom of the hole.

Recovered 255 feet of drilling mud, 60 feet of slightly oil cut gassy mud.

8/17/03

Rotary T.D. 5350 from 13 ft. K.B. Ran casing. Cement casing with 200 sx Class H, 10% gypseal, 10% salt, 6# K-S and 0.8% FL-160. Displace with 2% KCL water, slowing to 3 bpm as cement gets to shoe. Plug landed at 126 bbl, pressured casing to 1400 psi. Released pressure, latch down held.

# ALLIED CEMENTING CO., INC. 12879

Federal Tax I.D.#

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

SERVICE POINT:

Medicine Lodge

|                                |               |                    |   |                            |                             |                          |                           |
|--------------------------------|---------------|--------------------|---|----------------------------|-----------------------------|--------------------------|---------------------------|
| DATE <u>8-6-03</u>             | SEC <u>25</u> | TWP <u>33S</u>     | RANGE <u>16W</u>                                | CALLED OUT <u>11:00 AM</u> | ON LOCATION <u>12:00 AM</u> | JOB START <u>2:15 PM</u> | JOB FINISH <u>3:00 PM</u> |
| LEASE <u>Merrill</u>           |               | WELL # <u>1-25</u> | LOCATION <u>Deadhead Rd. + 160<sup>th</sup></u> |                            | COUNTY <u>Comanche</u>      | STATE <u>KS</u>          |                           |
| OLD OR <u>NEW</u> (Circle one) |               |                    |   |                            |                             |                          |                           |

CONTRACTOR Duke  
TYPE OF JOB Condenser  
HOLE SIZE 17 1/2 T.D.  
CASING SIZE 13 3/4 x 48 DEPTH  
TUBING SIZE DEPTH  
DRILL PIPE DEPTH  
TOOL DEPTH  
PRES. MAX 200 MINIMUM  
MEAS. LINE SHOE JOINT  
CEMENT LEFT IN CSG.  
PERFS.  
DISPLACEMENT 47 1/2 Bbls Freshwater

## EQUIPMENT

PUMP TRUCK CEMENTER Carl Balding  
#352 HELPER Dave Felix  
BULK TRUCK  
#356 DRIVER Tracy Cushman  
BULK TRUCK  
# DRIVER

OWNER Hummon Corp.

## CEMENT

AMOUNT ORDERED

300 sx Class A + 38cc + 2K Gel

|          |              |   |              |                |
|----------|--------------|---|--------------|----------------|
| COMMON   | <u>300 A</u> | @ | <u>7.15</u>  | <u>2145.00</u> |
| POZMIX   |              | @ |              |                |
| GEL      | <u>6</u>     | @ | <u>10.00</u> | <u>60.00</u>   |
| CHLORIDE | <u>8</u>     | @ | <u>30.00</u> | <u>240.00</u>  |

|          |                       |   |             |               |
|----------|-----------------------|---|-------------|---------------|
| HANDLING | <u>314</u>            | @ | <u>1.15</u> | <u>361.10</u> |
| MILEAGE  | <u>35 x .05 x 314</u> |   |             | <u>549.50</u> |

TOTAL 3355.60

## REMARKS:

## SERVICE

Run casing break circulation  
Run 3 Bbls Fresh water  
Mix 300 sx Class A + 38cc + 2K Gel  
Displace with 47 1/2 Bbls Freshwater  
Shut in casing leave 15' cement in pipe  
Cement did circulate  
100 sx to pit

|                   |               |   |                           |
|-------------------|---------------|---|---------------------------|
| DEPTH OF JOB      | <u>318'</u>   |   |                           |
| PUMP TRUCK CHARGE | <u>0-300'</u> |   | <u>520.00</u>             |
| EXTRA FOOTAGE     | <u>18'</u>    | @ | <u>.50</u> <u>9.00</u>    |
| MILEAGE           | <u>35</u>     | @ | <u>3.50</u> <u>122.50</u> |
| PLUG              |               | @ |                           |

TOTAL 1651.50

CHARGE TO: Hummon Corp  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

## FLOAT EQUIPMENT

|  |   |  |
|--|---|--|
|  | @ |  |
|  | @ |  |
|  | @ |  |
|  | @ |  |
|  | @ |  |

TOTAL \_\_\_\_\_

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

Kenneth McGuire

TAX \_\_\_\_\_

TOTAL CHARGE 3355.60

DISCOUNT 3355.60 IF PAID IN 30 DAYS

Kenneth McGuire

PRINTED NAME

ANY APPLICABLE TAX  
WILL BE CHARGED  
UPON INVOICING

RECEIVED  
JAN 26 2004  
KCC WICHITA

# ALLIED CEMENTING CO., INC. 12788

Federal Tax I.D. #

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

SERVICE POINT:

Med. 6006E

|                                |                |                    |   |                            |                            |                           |                            |
|--------------------------------|----------------|--------------------|---|----------------------------|----------------------------|---------------------------|----------------------------|
| DATE <u>3-17-03</u>            | SEC. <u>25</u> | TWP. <u>33</u>     | RANGE <u>16W</u>                        | CALLED OUT <u>10:00 AM</u> | ON LOCATION <u>5:00 PM</u> | JOB START <u>10:00 AM</u> | JOB FINISH <u>11:00 AM</u> |
| LEASE <u>TRUST</u>             |                | WELL # <u>1-25</u> | LOCATION <u>DEERHEAD RD + ESTILL RD</u> |                            | COUNTY <u>BARBER</u>       | STATE <u>KANSAS</u>       |                            |
| OLD OR <u>NEW</u> (Circle one) |                |                    | <u>SW, 23, 14W</u>                      |                            |                            |                           |                            |

CONTRACTOR LUKE #1 OWNER HUMMION CORP.

TYPE OF JOB PRODUCTION CASING

HOLE SIZE 7 7/8" T.D. 5350'

CASING SIZE 5 1/2" X 15.5" DEPTH 5350'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1400 # MINIMUM

MEAS. LINE SHOE JOINT 44.46'

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 62 1/2 BBLs 2% KCL WATER

## EQUIPMENT

PUMP TRUCK CEMENTER KERRY BUNNARDT

# 352 HELPER CARRY DRELLING

BULK TRUCK

# 356-252 DRIVER BILL McADOO

BULK TRUCK

# DRIVER

| CEMENT  |          |         |         |
|---|----------|---------|---------|
| AMOUNT ORDERED <u>500 BBLs. MUD CLEAN</u>               |          |         |         |
| <u>2.5% 60:40:6</u>                                     |          |         |         |
| <u>200% H + 10% GYP + 10% SALT + 6% K-S + 8% FL-160</u> |          |         |         |
| MUD CLEAN   | 500 BBLs | .75     | 375.00  |
| COMMON A  | 15       | @ 7.15  | 107.25  |
| POZMIX  | 10       | @ 3.80  | 38.00   |
| GEL   | 1        | @ 10.00 | 10.00   |
| CHLORIDE SALT   | 22       | @ 7.50  | 165.00  |
| CLASS H   | 200      | @ 8.70  | 1740.00 |
| GYP-SEAL  | 19       | @ 17.85 | 339.15  |
| KCL-SEAL  | 1,200 #  | @ .50   | 600.00  |
| FL-160  | 150 #    | @ 8.00  | 1200.00 |
| CLAPRO  | 13 BBLs  | @ 22.90 | 297.70  |
| HANDLING  | 294      | @ 1.15  | 338.10  |
| MILEAGE   | 294 X 35 | .05     | 514.50  |

TOTAL 5724.70

## REMARKS:

RD. 5 1/2" X 15.5" + BACK PRODUCTION

PUMP 500 BBLs. MUD CLEAN PREVENT

PLUG RAT + MOUSE HOLES 2.5% 60:40:6

PUMP 200% CLASS H + 10% GYP-SEAL

+ 10% SALT + 6% KCL-SEAL + 8% FL-160

WASH PULPS + LINES - DISPLACE PULPS

TO 5295' WITH 12 1/2 BBLs 2% KCL

PLUG DIED HOLD

## SERVICE

|                   |              |                             |
|-------------------|--------------|-----------------------------|
| DEPTH OF JOB      | <u>5350'</u> |                             |
| PUMP TRUCK CHARGE |              | <u>1340.00</u>              |
| EXTRA FOOTAGE     | @            |                             |
| MILEAGE           | <u>35</u>    | @ <u>3.50</u> <u>122.50</u> |
| PLUG              | @            |                             |
|                   | @            |                             |
|                   | @            |                             |

TOTAL 1462.50

## FLOAT EQUIPMENT

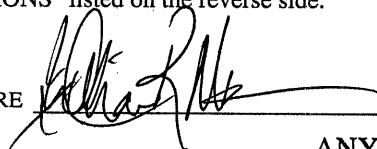
|                   |                 |               |
|-------------------|-----------------|---------------|
| 1-RED FLOAT SLIDE | @ <u>263.00</u> | <u>263.00</u> |
| 1-LATCH DOWN PULG | @ <u>350.00</u> | <u>350.00</u> |
| 1-STOP RING       | @ <u>20.00</u>  | <u>20.00</u>  |
| 5-TURBOIZERS      | @ <u>60.00</u>  | <u>300.00</u> |
|                   | @               |               |

TOTAL 933.00

To Allied Cementing Co., Inc.

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SIGNATURE



TAX

TOTAL CHARGE

DISCOUNT

IF PAID IN 30 DAYS

William R Mouser

PRINTED NAME

ANY APPLICABLE TAX  
WILL BE CHARGED  
UPON INVOICING

RECEIVED  
JAN 26 2004  
KCC WICHITA