

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

| <div style="text-align: center;"> CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, etc. </div> | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| 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 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| 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 | | | | |

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No (If No, skip questions 2 and 3)
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 3)
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No (If No, fill out Page Three of the ACO-1)

| | | | | | |
|---|----------------|---|-------|-------|----------------------------|
| Date of first Production/Injection or Resumed Production/Injection: | | 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 |

| | | | |
|--|---|--|--|
| <p>DISPOSITION OF GAS:</p> <p><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease</p> <p><i>(If vented, Submit ACO-18.)</i></p> | <p>METHOD OF COMPLETION:</p> <p><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled</p> <p><i>(Submit ACO-5)</i> <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i></p> | <p>PRODUCTION INTERVAL:</p> <p>Top Bottom</p> | |
| | | | |
| | | | |

| Shots Per Foot | Perforation Top | Perforation Bottom | Bridge Plug Type | Bridge Plug Set At | Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used) |
|----------------|-----------------|--------------------|------------------|--------------------|--|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | | | | |
|----------------|-------|---------|------------|--|
| TUBING RECORD: | Size: | Set At: | Packer At: | |
|----------------|-------|---------|------------|--|

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | Altavista Energy, Inc. |
| Well Name | MARJORIE CROTTS I-14 |
| Doc ID | 1759600 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | Number of Sacks Used | Type and Percent Additives |
|-------------------|-------------------|-----------------|--------|---------------|----------------|----------------------|----------------------------|
| Surface | 9.875 | 7 | 18 | 51 | Thixo | 45 | See Ticket |
| Production | 5.875 | 2.875 | 6.5 | 1088 | Thixo | 110 | See Ticket |
| | | | | | | | |
| | | | | | | | |

McGOWN

DRILLING, INC.

Mound City, KS

620.224.7406

| Well # | | | | | Casing | | | |
|--|--------------|---------------|------------|--------------------|---------|--|---------------|----------|
| Altavista Energy Marjorie Crotts I 14 | | | | | Surface | | Longstring | |
| | | | | | Size: | 7 " | Size: | 2 7/8 " |
| | | | | | Tally: | 51.0 ' | Tally: | 1088.3 ' |
| | | | | | Cement: | HSI sx | Bit: | 5 7/8 " |
| Bit: | 9 7/8 " | Date: | 1/3/2024 | | | | | |
| API #: | 15-031-24687 | S-T-R: | 14-22S-16E | | | | | |
| County: | Coffey | Date: | 12/14/2023 | | | | | |
| Top | Base | Formation | | Top | Base | Formation | | |
| 0 | 2 | soil | | | | | | |
| 2 | 27 | clay | | | | | | |
| 27 | 34 | sand & gravel | | | | | | |
| 34 | 47 | clay& gravel | | | | | | |
| 47 | 219 | shale | | | | | | |
| 219 | 297 | lime | | | | | | |
| 297 | 360 | shale | | | | | | |
| 360 | 371 | lime | | | | | | |
| 371 | 383 | shale | | | | | | |
| 383 | 386 | lime | | | | | | |
| 386 | 418 | shale | | | | | | |
| 418 | 477 | lime | | | | | | |
| 477 | 516 | shale | | | | | | |
| 516 | 519 | lime | | | | | | |
| 519 | 531 | shale | | | | | | |
| 531 | 592 | lime | | | | | | |
| 592 | 600 | shale | | | | | | |
| 600 | 646 | lime | | Float Equipment | | | | |
| 646 | 824 | shale | | Qty | Size | | | |
| 824 | 845 | lime | | 1 | 2 7/8 | Float Shoe | | |
| 845 | 891 | shale | | 1 | 2 7/8 | Aluminum Baffle | set at 1059.8 | |
| 891 | 901 | lime | | 3 | 2 7/8 | Centralizers | | |
| 901 | 917 | shale | | 1 | 2 7/8 | Casing clamp | | |
| 917 | 921 | lime | | | | | | |
| 921 | 939 | shale | | Sand / Core Detail | | | | |
| 939 | 941 | lime | | Core #1: | | Core #2: | | |
| 941 | 961 | shale | | Core #3: | | Core #4: | | |
| 961 | 964 | lime | | 1011 | 1012 | good odor, fair bleed, lamiaeted | | |
| 964 | 1010 | shale | | | | | | |
| 1010 | 1011 | lime | | 1012 | 1022 | good odor, good bleed, slightly lamieated, mos | | |
| 1011 | 1022 | sand | | | | | | |
| 1022 | 1033 | sandy shale | | | | | | |
| 1033 | | shale | | | | MD Inventory: | | |
| | | | | | | 1 Latch down baffle & plug | | |
| | | | | | | steel pit | | |
| | | | | | | 1- 7" weld collar | | |
| | | | | | | | | |
| | | Total Depth: | | 1094 | | | | |

CEMENT TREATMENT REPORT

