

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 15 2005

Form ACO-1 September 1999 Form Must Be Typed

## WELL COMPLETION FOR WORLD WELL HISTORY - DESCRIPTION OF WELL & LEASE

| ONSERVATION DIVISION WICHITA, KS WICHITA, KS WELL HISTORY - DESCRII   | PTION OF WELL & LEASE   |
|---|---|
| Operator: License # 33365   | API No. 15 - 125-30167-00-01  |
| Name: Layne Energy Operating, LLC   | County: Montgomery  |
| Address: 1900 Shawnee Mission Pkwy  | C_SW_NESec. 8 Twp. 33 S. R. 16 ▼ East West  |
| City/State/Zip: Mission Woods, KS 66205   | 2317 feet from S / (N) (circle one) Line of Section   |
| Purchaser:  | 2190 feet from (E)/ W (circle one) Line of Section  |
| Operator Contact Person: M. B. Nattrass   | Footages Calculated from Nearest Outside Section Corner:  |
| Phone: (.913) _748-3987   | (circle one) (NE) SE NW SW  |
| Contractor: Name: Layne Christensen Canada, Ltd.  | Lease Name: H. Henderson Well #: 7-8  |
| License: 32999  | Field Name: Brewster  |
| Wellsite Geologist:   | Producing Formation: Cherokee Coals   |
| Designate Type of Completion:   | Elevation: Ground: 845 Kelly Bushing: 848   |
| New Well Re-Entry Workover  | Total Depth: 1254 Plug Back Total Depth: 1211   |
| Oil SWD SIOW Temp. Abd.   | Amount of Surface Pipe Set and Cemented at 21 Feet  |
| ✓ Gas ENHR SIGW   | Multiple Stage Cementing Collar Used?   |
| Dry Other (Core, WSW, Expl., Cathodic, etc)   | If yes, show depth setFeet  |
| If Workover/Re-entry: Old Well Info as follows:   | If Alternate II completion, cement circulated from 1251   |
| Operator: Layne Energy Operating LLC  |   |
| Well Name: H. Henderson 7-8   | feet depth to Surface w/ 150 sx cmt.  |
| Original Comp. Date: 10 - 4-2003 Original Total Depth: 1254   | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  |
| Deepening Re-perf Conv. to Enhr./SWD  | Chloride content N/A ppm Fluid volume bbls  |
| Plug Back Plug Back Total Depth   | Dewatering method used N/A - Air Drilled  |
| Commingled Docket No  |   |
| Dual Completion Docket No   | Location of fluid disposal if hauled offsite:   |
| Other (SWD or Enhr.?) Docket No   | Operator Name:  |
| 7/26/2005 7/29/2005   | Lease Name: License No.:  |
| Spud Date or Date Reached TD Completion Date or   | Quarter Sec Twp. S. R East West   |
| Recompletion Date Recompletion Date   | County: Docket No.:   |
|   |   |
| INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. | r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING |
| All requirements of the statutes, rules and regulations promulgated to regulat  | te 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: /// // // Signature:   | KCC Office Use ONLY   |
| Title: Agent Date: 11/16/05   | Letter of Confidentiality Attached  |
| Subscribed and sworn to before me this 16th day of November   | If Denied, Yes Date:  |
| _   | Wireline Log Received   |
| 2005  | Geologist Report Received   |
| Notary Public: Marthy   | UIC Distribution  |
| Date Commission Expires: 11/14/2008 MARG  | ARET ALLEN  Jic - State of Kansas   |

My Appt. Expires

Side Two



ORIGINAL 7-8

| Operator Name: La  | yne Energy Oper  | ating, LLC   | · · · · · · · · · · · · · · · · · · · | Lease                        | Name:            | H. Hendersor  | WEDEW                | Wein#            |                               |  |
|--|--|--|---------------------------------------|------------------------------|------------------|---|----------------------|------------------|-------------------------------|--|
| Sec. 8 Twp   | 33 s. R. 16  | ✓ East   | West                                  | County                       | Mon              | tgomery   |                      | 0 00 000         |                               |  |
| tested, time tool ope<br>temperature, fluid re               | how important tops a<br>in and closed, flowing<br>covery, and flow rate<br>is surveyed. Attach f | g and shut-in<br>s if gas to su  | pressures,<br>rface test, a           | whether shi<br>long with fil | ut-in pre        | essure reached s  | static level, hydros | static pressure  | es, bottom hole               |  |
| Drill Stem Tests Taken                                       |  |  | ✓ Log Formation (Top                  |                              |                  | on (Top), Depth ar  | nd Datum             | Sample           |                               |  |
| Samples Sent to Ge   | ☐ Yes  | ☐ Yes ✓ No   |                                       | Name<br>Pawnee Lime          |                  | <sub>Тор</sub><br>566 KB  |                      | Datum            |                               |  |
| Cores Taken  |  |  | ✓ No                                  |                              |                  |   |                      |                  | 282                           |  |
| Electric Log Run (Submit Copy)                               |  | ✓ Yes  | No                                    |                              | Exce             | ello Shale  |                      | 729 KB           | 119                           |  |
| List All E. Logs Run:  |  |  |                                       |                              | V Sł             | nale  |                      | 780 KB           | 68                            |  |
| _  |  |  |                                       |                              | Weir - Pitt Coal |   |                      | 893 KB           | -45                           |  |
| Compensated D  Dual Induction                                | ensity Neutron   |  |                                       |                              | Mis              | sissippian  |                      | 1163 KB          | -315                          |  |
|  |  |  | CASING                                | RECORD                       | ✓ Ne             | ew Used   |                      |                  |                               |  |
|  |  | Report a   |                                       |                              |                  | ermediate, product  | ion, etc.            |                  |                               |  |
| Purpose of String  | Size Hole<br>Drilled   | Size C<br>Set (In  |                                       | Weig<br>Lbs. /               |                  | Setting<br>Depth  | Type of<br>Cement    | # Sacks<br>Used  | Type and Percent<br>Additives |  |
| Surface  | 12 1/4   | 8.65   |                                       | 23                           |                  | 21  | Portland             | 8                |                               |  |
| Casing   | 7 7/8  | 5.5  |                                       | 15.5                         |                  | 1251  | Thix, Glsnite        | 150              |                               |  |
|  |  |  |                                       |                              |                  | -   | - '                  |                  |                               |  |
|  |  | А  | DDITIONAL                             | CEMENTIN                     | G / SQI          | UEEZE RECORD  |                      |                  |                               |  |
| Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone | Depth<br>Top Bottom  | Type of  | Cement                                | #Sacks                       | Used             |   | Type and Pe          | ercent Additives |                               |  |
| Shots Per Foot   |  | ATION RECORD - Bridge Plugs Set/Type<br>fy Footage of Each Interval Perforated |                                       |                              |                  | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth |                      |                  |                               |  |
|  | See Attached   |  |                                       |                              |                  |   |                      |                  |                               |  |
|  |  |  |                                       |                              |                  |   |                      |                  |                               |  |
| TUBING RECORD 2  | <br>  Size<br>    Size   | Set At 1166'   |                                       | Packer At                    |                  | Liner Run   | Yes ✓ No             |                  |                               |  |
| Date of First, Resumed 7/30/2005                             | Production, SWD or E   | nhr. Pr  | oducing Meth                          | od                           | Flowin           | g ✓ Pumpir  | ng Gas Lift          | Othe             | er (Explain)                  |  |
| Estimated Production<br>Per 24 Hours                         | Oil<br>O   | Bbis.  |                                       | Mcf                          | Wate             | er Bi   | ols. Ga              | as-Oil Ratio     | Gravity                       |  |
| Disposition of Gas   | METHOD OF C  |  |                                       |                              | -                | Production Interv   | val                  |                  |                               |  |
|  | Used on Lease<br>50 20 18.)<br>ATION COMMISSION  |  | Open Hole<br>Other (Speci             | ✓ Perf.                      |                  | Dually Comp.  | Commingled           | ·                |                               |  |

NOV 17 2005

CONFIDERITAL

15-125-30167

| Operator Name: | Layne Energy Operating, LLC.                  |   |             |
|----------------|---|---|-------------|
| Lease Name:    | Henderson 7-8                                 |   |             |
|                | Sec. 8 Twp. 33S Rng. 16E, Montgomery County   |   |             |
| API:           | 15-125-30167                                  |   |             |
| Shots per Foot | Perforation Record                            | Acid, Fracture, Shot, Cement Squeeze Record       | Depth       |
| 4              | 893.5-896.5                                   | Weir -250g 15% FE + 581 B Gelled Wtr + 7418#      | 893.5-896.5 |
|                |   | 20/40 + 2969# 12/20 sand 250g                     |             |
|                |   | 15% HCL + 250 g Regas + 100 B KCL water           |             |
|                | New Perf                                      | orations  |             |
| 4              | 1148-1151, 1093.5-1095, 919-922               | Riverton, Rowe, Sycamore Shale - 5,700 15% HCL    | 919-1151    |
|                |   | Acid, 471 bbls Water, 2,000 # 20/40 Sand          |             |
| 4              | 822-824, 782-784, 756-757.5, 731-736, 702-707 | Mineral, Croweberg, Ironpost, Mulkey, Summit -    | 702-824     |
|                |   | 2,000 15% HCL Acid, 580 bbls Water, 5,700 # 20/40 |             |
|                |   | Sand  |             |

RECEIVED KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION WICHITA, KS