KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM LL.HISTORY - DESCR

Operator: License # 33359

Phone: (913) 748-3987

Designate Type of Completion:

License: 32999 Wellsite Geologist: __

____ Oil

✓_ Gas

_____ Dry

Plug Back

___ Commingled

6/18/2005

Spud Date or

___ Dual Completion

___ Other (SWD or Enhr.?)

Name: Layne Energy Operating, LLC Address: 1900 Shawnee Mission Parkway City/State/Zip: Mission Woods, KS 66205 Purchaser: Cherryvale Pipeline LLC Operator Contact Person: M. B. Nattrass

Contractor: Name: Layne Christensen Canada, Ltd.

___ Re-Entry

SIOW

SIGW

Other (Core, WSW, Expl., Cathodic, etc)

Operator: Layne Energy Operating UC

_____Deepening ______Re-perf. _____Conv. to Enhr./SWD

Docket No._

Docket No._

Docket No._

Original Comp. Date: 4-12-2003 Original Total Depth: 1193

Date Reached TD

_Temp. Abd.

___Plug Back Total Depth

7/13/2005

Completion Date or

SWD _

ENHR _

If Workover/Re-entry: Old Well Info as follows:

Well Name: Brumgton 8-15

| 1 | 15-125-30242-00-01 ORIGINAL |
|---|--|
| l . | |
| | Montgomery 15 - 32 - 16 - 71 - 17 - 17 |
| 1980 | E Sec. 15 Twp. 32 S. R. 16 |
| 660 | leet from 3 (N (circle offe) Line of Section |
| | feet from E W (circle one) Line of Section |
| Footage | s Calculated from Nearest Outside Section Corner: |
| | (circle one) NE SE NW SW |
| | Bruington Well #: 8-15 |
| Field Na | me: Brewster Cools |
| Producir | ng Formation: Cherokee Coals |
| | n: Ground: 809 Kelly Bushing: |
| | pth: 1193 Plug Back Total Depth: 1153 |
| Amount | of Surface Pipe Set and Cemented at 42 Feet |
| Multiple | Stage Cementing Collar Used? ☐ Yes ☑ No |
| If yes, st | now depth setFeet |
| If Alterna | ate II completion, cement circulated from 1185 |
| feet dept | th to Surface w/ 165 sx cmt. |
| Drilling | Fluid Management Plan St be collected from the Reserve Pit) 12-13-07 |
| (Data mus | st be collected from the Heserve Pit) 12-13-07 |
| | 12-13-01 |
| Chloride | content_n/appm Fluid volumebbls |
| Chloride | content_n/appm Fluid volumebbls ing method usedn/a air drilledRECEIVED_ |
| Chloride Dewateri | content n/a ppm Fluid volume bbls |
| Chloride Dewateri Location | content n/a ppm Fluid volume bbls ing method used n/a air drilled RECEIVED |
| Chloride Dewateri Location Operator | content n/a ppm Fluid volume bbls ing method used n/a air drilled of fluid disposal if hauled offsite: KANSAS CORPORATION COMMIN Name: License No: |
| Chloride Dewateri Location Operator Lease Na | recontent n/a ppm Fluid volume bbls ing method used n/a air drilled of fluid disposal if hauled offsite: KANSAS CORPORATION COMMINATE OCT 1 4 2005 ame: License No.: CONSERVATION DIVISION |
| Chloride Dewateri Location Operator Lease Na Quarter_ | of fluid disposal if hauled offsite: Name: License No: Content. NA. Ppm Fluid volume BECEIVED RECEIVED CONSERVATION DIVISION |
| Chloride Dewateri Location Operator Lease Na Quarter_ | recontent_n/appm Fluid volumebbls ing method used_n/a air drilled recontent_n/appm Fluid volumebbls RECEIVED of fluid disposal if hauled offsite: KANSAS CORPORATION COMMIN Name:License No.: SecTwpS. RWICHTA, KS est |
| Chloride Dewateri Location Operator Lease Na Quarter_ County: ne Kansas or convers months if r | recontent_n/appm Fluid volumebbls ing method used_n/a air drilled recontent_n/appm Fluid volumebbls RECEIVED of fluid disposal if hauled offsite: KANSAS CORPORATION COMMIN Name:License No.: SecTwpS. RWICHTA, KS est |
| Chloride Dewateri Location Operator Lease Na Quarter_ County: _ ne Kansas or convers months if r nd geologis Submit CP- | recontent |
| Chloride Dewateri Location Operator Lease Na Quarter_ County: _ he Kansas or convers months if r nd geologis Submit CP- | recontent_n/appm Fluid volumebbls ing method used_n/a air drilled RECEIVED of fluid disposal if hauled offsite: KANSAS CORPORATION COMMIT Name:License No.: SecTwpS. R Docket No.: Conservation Division SecTwpS. R Docket No.: Corporation Commission, 130 S. Market - Room 2078, Wichita, sion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. The sequested in writing and submitted with the form (see rule 82-3-114 form with all temporarily abandoned wells. |
| Chloride Dewateri Location Operator Lease Na Quarter_ County: _ ne Kansas or convers months if r nd geologis Submit CP- | recontent |
| Chloride Dewateri Location Operator Lease Na Quarter_ County: _ ne Kansas or convers months if r nd geologis Submit CP- | recontent |
| Chloride Dewateri Location Operator Lease Na Quarter_ County: _ ne Kansas or convers months if r nd geologis Submit CP- | recontent |

| Recompletion Date | Recompletion Date | County: | Docket No.: | |
|--|--|--|---|--|
| Kansas 67202, within 120 days of Information of side two of this form 107 for confidentiality in excess of | two copies of this form shall be filed with of the spud date, recompletion, workoven will be held confidential for a period of 1 12 months). One copy of all wireline logs Submit CP-4 form with all plugged wells | er or conversion of 2 months if request and geologist well r | a well. Rule 82-3-130, 82-3-106 and submitted with the eport shall be attached with this form | and 82-3-107 apply. form (see rule 82-3- . ALL CEMENTING |
| herein are complete and correct to the Signature: | ps and regulations promulgated to regulate the best of my knowledge. Date: 10/13/05 this 12 th day of 0ctober | | KCC Office Use ON | LY d |
| Subscribed and sworn to before me to 20 05 . Notary Public: | | | If Denied, Yes Date: Wireline Log Received Geologist Report Received UIC Distribution | |
| | A MARG | ARET ALLEN | s | |



CONFIDENTIAL

Side Two

ORIGINAL

| Operator Name: Lay Sec. 15 Twp. 3 | | | | | se Name:_ nty: <u>Mont</u> | gomery | | | Well #: | | |
|--|---|--|--|---------------------------------------|-------------------------------|-----------------------------------|--------------|---|---|---|----------------------------|
| INSTRUCTIONS: Sitested, time tool oper temperature, fluid rec Electric Wireline Logs | now important tops n and closed, flowin covery, and flow rate | and base of ag and shut-ions as if gas to so | formations p n pressures, urface test, a | enetrated whether along with | d. Detail a shut-in pre | Il cores. Repor essure reached | static leve | l, hydros | static pressu | res, botto | m hole |
| Drill Stem Tests Take | | Yes | √No | | √ L | og Formati | on (Top), l | Depth an | nd Datum | | Sample |
| Samples Sent to Geo | | Yes | ✓ No | | Nam | е | | | Тор | | Datum |
| Cores Taken | | Yes | | | Paw | nee Lime | | | 523 GL | | 289 |
| lectric Log Run | | ✓ Yes | No | | Exce | ello Shale | | | 675 GL | | 137 |
| (Submit Copy) | | | KC | | V St | nale | | | 728 GL | | 84 |
| ist All E. Logs Run: | | | | _ | | | | | 850 GL | | -38 |
| Compensated | • | tron ${\mathfrak l}$ | CT 12: | 2005 | | r Pitt Coal | | | | | |
| Dual Induction | 1 | COA | IFIDE | NTIA | Miss | sissippian | | | 1097 GL | • | -285 |
| | | Report | | RECORD | | w Used ermediate, produc | tion, etc. | The second second | *************************************** | *************************************** | |
| Purpose of String | Size Hole Drilled | | Casing n O.D.) | | eight s./Ft. | Setting Depth | Type | | # Sacjs Used | | and Percent |
| Surface | 11 1/2 | 8.65 | | 23 | | 42 | Class | | 25 | Cacla | |
| Casing | 8 | 5.5 | | 15.5 | | 1150 | Thixotropic | + Gilsonite | 150 | | |
| | | | | | <u></u> | | | | | | |
| | - | | ADDITIONAL | CEMENT | TING / SQL | JEEZE RECORD |) | | | | |
| Purpose: Perforate Protect Casing Plug Back TD | Depth Top Bottom | Type of Cement | | #Saci | ks Used | Type and Percent Additives | | | | | |
| Plug Off Zone | | | | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | |
| Shots Per Foot | PERFORATI Specify | ION RECORD Footage of Ea | - Bridge Plug | s Set/Typ | e | | cture, Shot, | | Squeeze Reco | rd | Depth |
| | See Attached | | | | | RECEIVED | | | | | |
| | | | | | | KANSAS CORPORATION COMMIS | | | | | |
| | | | | <u>.</u> | · | · | | | n | CT 1 | 1 2005 |
| | | ······································ | ······ | | | | | | | | |
| | | | | ··· · · · · · · · · · · · · · · · · · | | | | | CONS | WICHIT | <u>n Division</u> L, KS |
| TUBING RECORD 2 7 | Size | Set At 1103' | n | Packer IONE | At | Liner Run | Yes | ✓ No | | | L |
| Date of First, Resumerd | | ··· | Producing Meth | | Flowing | Pumpir | ıg [] | Gas Lift | Oth | er (Explain |) |
| Estimated Production Per 24 Hours | Oil | Bbls. | | Mcf | Wate | | ols. | Ga | s-Oil Ratio | | Gravity |
| Disposition of Gas | 0 METHOD OF 0 | | 12 | | 36 | Production Inter- | ral | · • | | | |
| · | | | 7 - | - | | | | | | | |
| Vented ✓ Sold (If vented, Sub | Used on Lease omit ACO-18.) | | Open Hole Other (Speci | √ Per | rf. 🗌 D | ually Comp. | Commi | ngled | | | |

| Operator Name: | Layne Energy Operating, LLC. | | |
|----------------|--|--|------------|
| Lease Name: | Rash 12-24 | | |
| | Sec. 24 Twp. 31S Rng. 16E, Montgomery County | | |
| API: | 15-125-30741 | | |
| Shots per Foot | Perforation Record | Acid, Fracture, Shot, Cement Squeeze Record | Depth |
| 4 | | Riverton, Rowe, Weir, Tebo - 1,510gal 15% HCL + | |
| | 1073-1074.5, 1019-1020, 907.5-908.5, 854-856.5 | 420 bbls water + 3,300# 20/40 Sand | 854-1074.5 |
| 4 | | Mineral, Croweberg, Ironpost, Mulkey, Summit - | |
| | 786-787, 743.5-746, 720.5-722, 691-696, 666.5- | 2,300gal 15% HCL + 580 bbls water + 7,100# 20/40 | |
| | 670 | Sand | 666.5-787 |

RECEIVED KANSAS CORPORATION COMMISSION

OCT 1 4 2005

CONSERVATION DIVISION WICHITA, KS