

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

| Operator: License # (State of Kansas Agency) 0100 | API No. 15 - 091-22996-00-00 |
|--|---|
| Name: Kansas Geological Survey | County: Johnson |
| Address: 1930 Constant Ave., University of Kansas | S2 -SW - NW - SE Sec. 1 Twp. 12 S. R. 23 V East West |
| City/State/Zip: Lawrence, KS 66047-3726 | 1418 feet from S / N (circle one) Line of Section |
| Purchaser: | 2206 feet from E / W (circle one) Line of Section |
| Operator Contact Person: K. David Newell | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (_785) _864-2183 | (circle one) NE SE NW (SW) |
| Contractor: Name: Kansas Geological Survey | Lease Name: Deffenbaugh Quarry Well #: 1B |
| License: (State of Kansas agency) 0100 | Field Name: Olathe, NE |
| Wellsite Geologist: K. David Newell | Producing Formation: |
| Designate Type of Completion: | Elevation: Ground: 877' Kelly Bushing: |
| New Well Re-Entry Workover | Total Depth: 878' Plug Back Total Depth: surface |
| Oil SWD SIOW Temp. Abd. | Amount of Surface Pipe Set and Cemented at 20 Feet |
| Gas ENHR SIGW | Multiple Stage Cementing Collar Used? |
| Dry Other (Core, WSW, Expl., Cathodic, etc) | If yes, show depth set Feet |
| scientific core hole If Workover/Re-entry: Old Well into as follows: | If Alternate II completion, cement circulated from 600-340; 240-surface |
| Operator: | feet depth tow/_23 sx.cmt.\bar{x} |
| Well Name: | Alt2-Dg - 2/11/09 |
| Original Comp. Date: Original Total Depth: | Drilling Fluid Management Plan |
| Deepening Re-perf Conv. to Enhr./SWD | (Data must be collected from the Reserve Pit) |
| | Chloride content ppm Fluid volume bbls |
| Plug Back — Plug Back Total Depth | Dewatering method used |
| Commingled Docket No. | Location of fluid disposal if hauled offsite: |
| Dual Completion Docket No. | Operator Name: |
| Other (SWD or Enhr.?) Docket No. | Lease Name: License No.: |
| April 30, 2005 May 7, 2005 May 10, 2005 | Quarter Sec TwpS. R |
| Spud Date or Date Reached TD Completion Date or Recompletion Date plugging date | County: Docket No.: |
| 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 1 | the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er 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 Submit CP-111 form with all temporarily abandoned wells. |
| All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge. | te the oil and gas industry have been fully complied with and the statements |
| Signature: NEWEN | KCC Office Use ONLY |
| Title: KSISTANT SENTIST Date: Wy 13, 200 | Letter of Confidentiality Received |
| 12+4 4/1 | If Denied, Yes Date: |
| MC | Wireline Log Received |
| \sim \sim \sim \sim \sim | Geologist Report Received |
| Notary Public: Aren Jawies | UIC Distribution |
| Date Commission Expires: Commission Expires: Commission Expir | |

Side Two

ORIGINAL

| Operator Name: Kans | as Geological S | Survey | | Lease | Name: | Deffenbaugh | Quarry | _ Well #: 1B | | | |
|--|--|---------------------------|-------------------------------------|----------------------------|---------------|--|---------------------|----------------|---------------|------------------|--|
| Sec1 Twp12 | S. R _23 | ✓ East | West | County | y: John: | son | | | | | |
| NSTRUCTIONS: Sho ested, time tool open a emperature, fluid recov Electric Wireline Logs s | and closed, flowing very, and flow rate | g and shut s if gas to | in pressures, surface test, a | whether stalong with f | hut-in pre | essure reached | static level, hydr | ostatic pressu | res, botto | m hole | |
| Drill Stem Tests Taken | | | ☑ Log Formation (Top), Dep | | | on (Top), Depth | th and Datum Sample | | | | |
| | | | | Name Muncie Creek Shale | | عام | Тор 6 2 | | Datum 815' | | |
| | | | s No | | | Scott Ls. | aic | 422' | 455' | | |
| Electric Log Run | | ✓ Ye | _ | | | e Osage Shal | e | 454' | | 123' | |
| (Submit Copy) | | | | | | elio Shale | O . | 470' | | 107' | |
| list All E. Logs Run: | | | | | 1 | digris Ls. | | 575' | | 302' | |
| gamma ray | | | | | eral Coal | 640' | | 237' | | | |
| gamma ray | | | | | Mississippian | | | 869' | 8' | | |
| | | Repor | | RECORD | | ew Used | tion, etc. | | | | |
| Purpose of String | ose of String Size Hole Size Casing | | e Casing | Weight Lbs. / Ft. | | Setting | Type of # Sacks | | | Type and Percent | |
| surface conductor 4.75' | | Set (In O.D.) | | 7.5 lbs. | | Depth 20' | Portland | Used 2 | Additives | | |
| | | | | | | | | | | | |
| | | | ADDITIONAL | . CEMENTII | NG / SQI | UEEZE RECORE |) | | | | |
| Purpose: | Depth Top Bottom | Туре | of Cement | #Sacks Used | | Type and Percent Additives | | | | | |
| | surface; 600' | Portlar | d (type 2) | 23 | | none | | | | | |
| Shots Per Foot | | | D - Bridge Plug ach Interval Per | | | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth | | | | | |
| | | | | | | | to-on- | | REC | EIVED | |
| | ***- | | | | | | | | JUL | 1 5 2005 | |
| | | | | | | | | <u>[</u> 4 | (CC) | WICHIT | |
| TUBING RECORD | Size | Set At | | Packer A | At . | Liner Run | 7v 7·· | | | | |
| Date of First, Resumerd P | Production, SWD or E | nhr. | Producing Met | hod | | | Yes No | | | | |
| , | , | | | - | Flowing | g Pumpi | ng Gas Li | ft Oth | ner (Explain, |) | |
| Estimated Production Per 24 Hours | Oil | Bbls. | Gas | Mcf | Wate | er B | bls. | Gas-Oil Ratio | | Gravity | |
| Disposition of Gas | METHOD OF C | OMPLETIO | N | | | Production Inter | val | | | | |
| Vented Sold (If vented, Subm | Used on Lease nit ACO-18.) | | Open Hole Other (Speci | Perf. | [| Dually Comp. | Commingled _ | ., | | | |