

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL PLUGGING APPLICATION

Please TYPE Form and File ONE Copy

September 2003
This Form must be Typed
Form must be Signed
All blanks must be Filled

API # 15 - 129-21451-00-00 ___ (Identifier Number of this well). This must be listed for wells drilled since 1967; if no API # was issued, indicate original spud or completion date $\underline{10-1}1-1996$ Well Operator: Duke Energy Field Services L.P. KCC License #: 32782 (Owner / Company Name) Address: 6120 S. Yale Suite 1100 ___ _{City:}_Tulsa State: Oklahoma Zip Code: 74136 _ Contact Phone: (918) 523 - 1153 Lease: Russell Sec. 1 Twp. 32 S. R. 42 East ✔ West Well #: 5-1 County: Morton NE NW Spot Location / QQQQ 2390 Feet (in exact footage) From North / V South (from nearest outside section corner) Line of Section (Not Lease Line) Feet (in exact footage) From VEast / West (from nearest outside section corner) Line of Section (Not Lease Line) -1-25-05-SKA-Per CP2-3 4 RBDM3 4CP-4 Water Supply Well Check One: Oil Well Gas Well D&A Cathodic Other: Gas Storage SWD Docket # ENHR Docket # Conductor Casing Size:____ Sacks Surface Casing Size: 8 5/8 24# _____ Set at: _1459 Cemented with: 320 Midcon + 150 Class "c" Sacks Cemented with: Versaset 150 + 110 midcon + 50 "c" Sacks Production Casing Size: 5.5 15.5# __ Set at: 5200 List (ALL) Perforations and Bridgeplug Sets: (5004-17 8spf), (5042-51 8spf), (5070-78 8spf) Elevation: 3475 PBTD: 5148 (☐G.L./☑KB.) T.D.: 5200 Anhydrite Depth: NA (Stone Corral Formation) Condition of Well: Casing Leak ✓ Good Poor Junk in Hole Proposed Method of Plugging (attach a separate page if additional space is needed): As per KCC regulations (see attached sheet) Is Well Log attached to this application as required? Yes No Is ACO-1 filed? Yes No If not explain why? ___ CONSERVATION DIVISION Plugging of this Well will be done in accordance with K.S.A. 55-101 et. seq. and the Rules and Regulations of the State Corporation Commission. List Name of Company Representative authorized to be in charge of plugging operations: Russell Bentley Phone: (713) 627 - 6814 Address: 5400 Westheimer _____City / State: Houston, TX 77056 Plugging Contractor:_Eagle Well Service, Inc. KCC License #: 7407 (Contractor's) Phone:_(620) 626 Address: P.O. Box 1597 Liberal, KS 67905-1597 Proposed Date and Hour of Plugging (if known?): 6/7/2004 Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

30/09 Authorized Operator / Agent:

15-129-21451-00-00

Russell 5-1 API # 15-129-21451 **NE NW SW** S1 T32S R42W Morton, KS RECEIVED Plug 5 40 ft KANSAS CORPORATION COMMISSION MAY 0 3 2004 Plua 4 600 ft CONSERVATION DIVISION WICHITA, KS Plug 3 8 5/8" 24 ppf @ 1459 ft Surface csq Estimated TOC @ 2120 ft Plug 2 Casing Shoot off pt DV Tool @ 3182 ft Plug 1 CIBP @ 4900 ft G2 Perfs 5004-5017 ft Keyes Perfs 5042-5078 ft PBTD @ 5148 ft 5.5", 15.5 ppf @ 5200 ft TD @ 5200 ft

Proposal:

- 1) Notify Kansas One-Call Center 48 hours in advance of job
- 2) Dig working pit, MIRU pulling unit
- 3) Check Tubing/Casing Pressures. Verify well dead.
- 4) ND wellhead/tree
- 5) NU BOP
- 6) Release packer, TOOH w/tbg & packer. Talley tubing and stand back.
- 7) TIH w/ CIBP. Set CIBP above top perforations.
- 8) Spot 10 sx cement on top of CIBP, circulate mud to surface. Use 6/4 POZ, 2% gel, 3% CC
- 9) TOOH w/ tbg, laying down same.
- 10) RU to freepoint casing, shoot off.
- 11) RU casing jacks if necessary.
- 12) TOOH w/ casing.
- 14) Spot cement plugs while TOOH, laying down casing.
- 15) Spot cement at following points: 50 sx @ casing shootoff point (if significantly below surface casing) 75 sx @ 1,500 ft (or bottom of surface casing), 50 sx @ 600 ft, 15 sx from 40 ft to surface.
- 16) Cut surface daxing 5 ft below ground level. Weld cap to casing stub w/ appropriate API # on cap.
- 17) RD Pulling unit and move off location.