EMPIRE ENERGY E & P, LLC

CARMICHAEL LEASE

NW. 1/4. SECTION 18. T115. R17W

ELLIS COUNTY. KANSAS

ROCK ROAD (SILVER RIVER RD.) PRODUCER (*2) Drillsite Location 990'FNL 660'FWL Y = 281824X = 1643450Carmichael "A" #16 LAT. 39°06′01.4″ Long. -99°15′24.4″ 1285'FNL 330'FWL 1838 Ground Elevation = 1848 $Y = 281533 \quad x = 1643121$ RIVER State Plane-NAD 27-Kansas North PASTURE (Mapping Grade GPS Used) Latitude 39°05'58.4" PRODUCER (*10) 1655'FNL 590'FWL Y = 281159 X = 1643354 Longitude -99°15'28.5" WGS 84-NAD 83 LAT. 39°05'54.8" Long. -99°15'25.4" 1848 18 -Notes; 1. Set iron rod at location site. 2. All flagging Red & Yellow. 3. Overhead power available at N. line, Sec.18 and at various locations in Sec.18. 4. Kansas One Call System Inc. should be notified before excavation (1-800-344-7233). 5. CAUTION; Various pipelihes in Sec. 18. 6. Section 18 is irregular 7. Contact landowner for best access. NO ROAD

*Approximate section lines were determined using the normal standard of care of oilfield surveyors practicing in the state of Kansas. The section corners, which establish the precise section lines, were not necessarily located, and the exact location of the drillsite location in the section is no quaranteed, therefore, the operator securing this service and accepting this plat and all other completes harmless from all losses, costs and expenses and sold entities released from any liability from incidental or consequential damages.

Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.

rional Geodetic Vertical Datum.

August 29, 2014