

Arkansas Drill Site Permit Stipulations

1. A sign will be displayed at the gate stating the well number, the name and number of the operator, the emergency 911 number, and the telephone numbers of two contacts.
2. Prior to permitting, Chesapeake will report to the City the pre-drilling ambient noise level and will agree not to create any noise which causes the exterior noise level to exceed the ambient noise level by more than 5dBA during daytime hours, 3dBA during nighttime hours, and 7dBA during fracing operations. Due to the proximity of protected uses, the sound level shall be continuously monitored for compliance based on a one-minute average. The reports shall be forwarded to the City daily. The sound shall be monitored as close to nearby residences as possible while still in compliance with sound monitoring distance requirements. A 24-hour pre-drilling sound level survey was performed at the Arkansas Drill Site from November 30 to December 1, 2009. On-site noise monitors recorded the ambient noise level and established the 24-hour average sound level at 56 dBA. During drilling, the allowable nighttime sound level is 59 dBA and the allowable daytime sound level is 61 dBA. Fracing operations shall not exceed a 63 dBA noise level.
3. The applicant proposes to enter into an Agreement with the City to lease a water meter, hook it up to a nearby fire hydrant, and purchase approximately four million gallons of water per well. The approved water site plan limits the rate of withdrawal to a maximum of 1,200 gallons per minute.
4. The applicant indicated traffic to the Arkansas Drill Site will commence at State Highway (SH) 360. From SH 360, exit at East Pioneer Parkway and travel east approximately 0.5 miles to Forum Drive. Head south on Forum Drive a total of 0.45 miles and turn west on East Arkansas Lane. Travel 0.11 miles to the site access road, north of Arkansas Lane. To leave the site, travel approximately 0.31 miles west on Arkansas Lane to SH 360. Due to construction closures of the east bound Pioneer Parkway exit ramp, site traffic shall exit Arkansas Lane and utilize the SH 360 frontage road to arrive at East Pioneer Parkway. The remainder of the traffic route shall be followed.
5. After completion of all wells, a solid masonry wall with a minimum height of eight feet and landscaping must enclose all completed wells and tanks located within the operation site. Landscaping should consist of trees and shrubs which must be chosen from the Texas Smartscape List. One tree shall be provided every 35 linear feet and shrubs shall be spaced no greater than three feet on center. A detailed landscape plan and plant schedule must be provided upon drilling permit submittal. The property owner shall be responsible for the installation, preservation, and maintenance of all landscaping and physical features shown on the landscape plan.