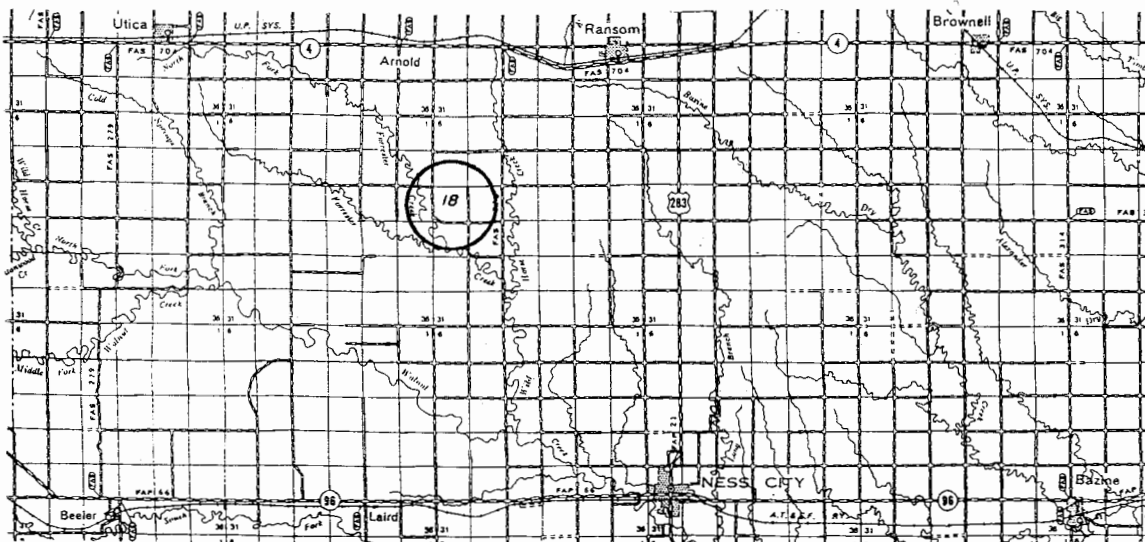
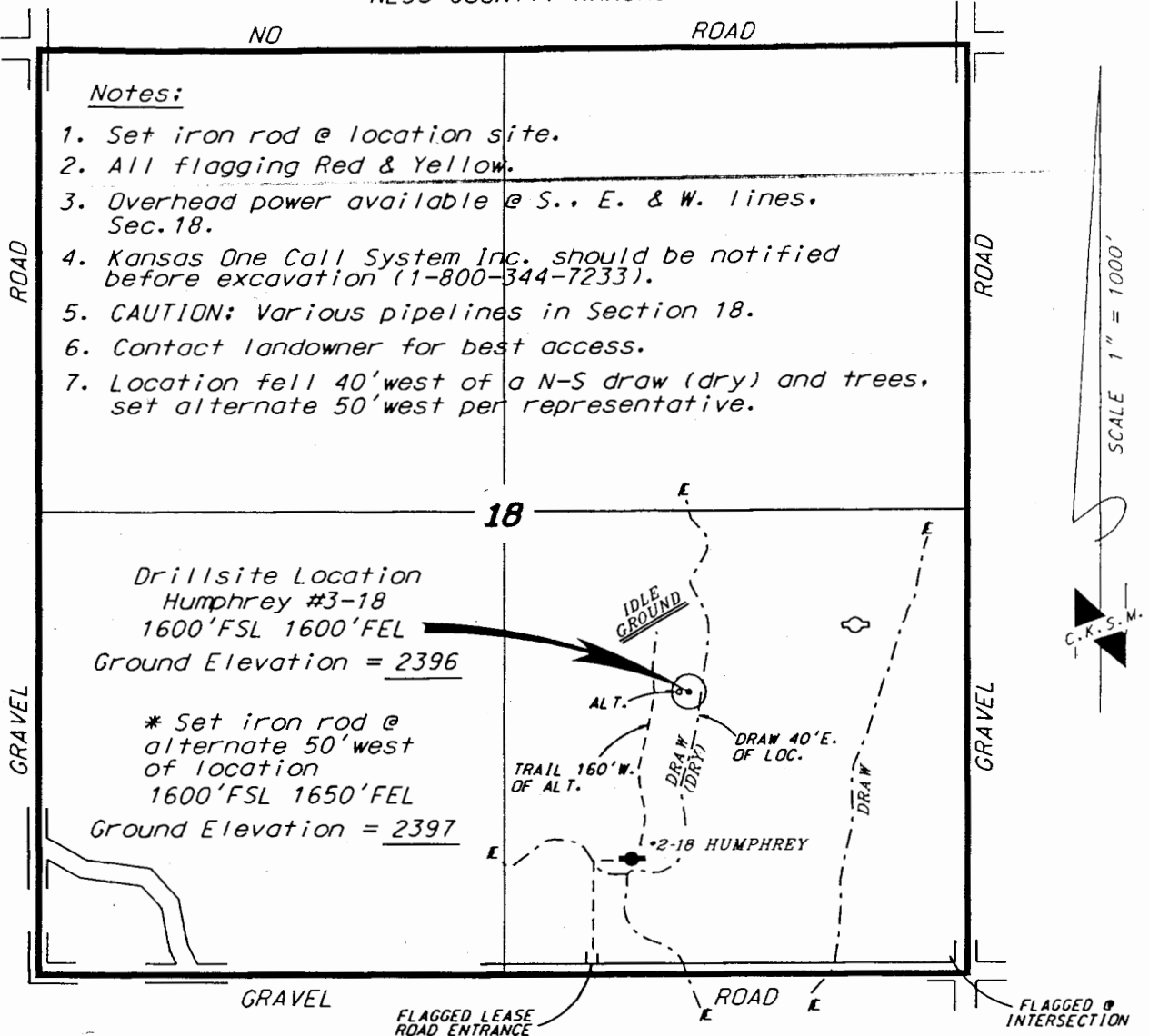


GRAND MESA OPERATING COMPANY
HUMPHREY LEASE
SE.1/4, SECTION 18, T17S, R24W
NESS COUNTY, KANSAS

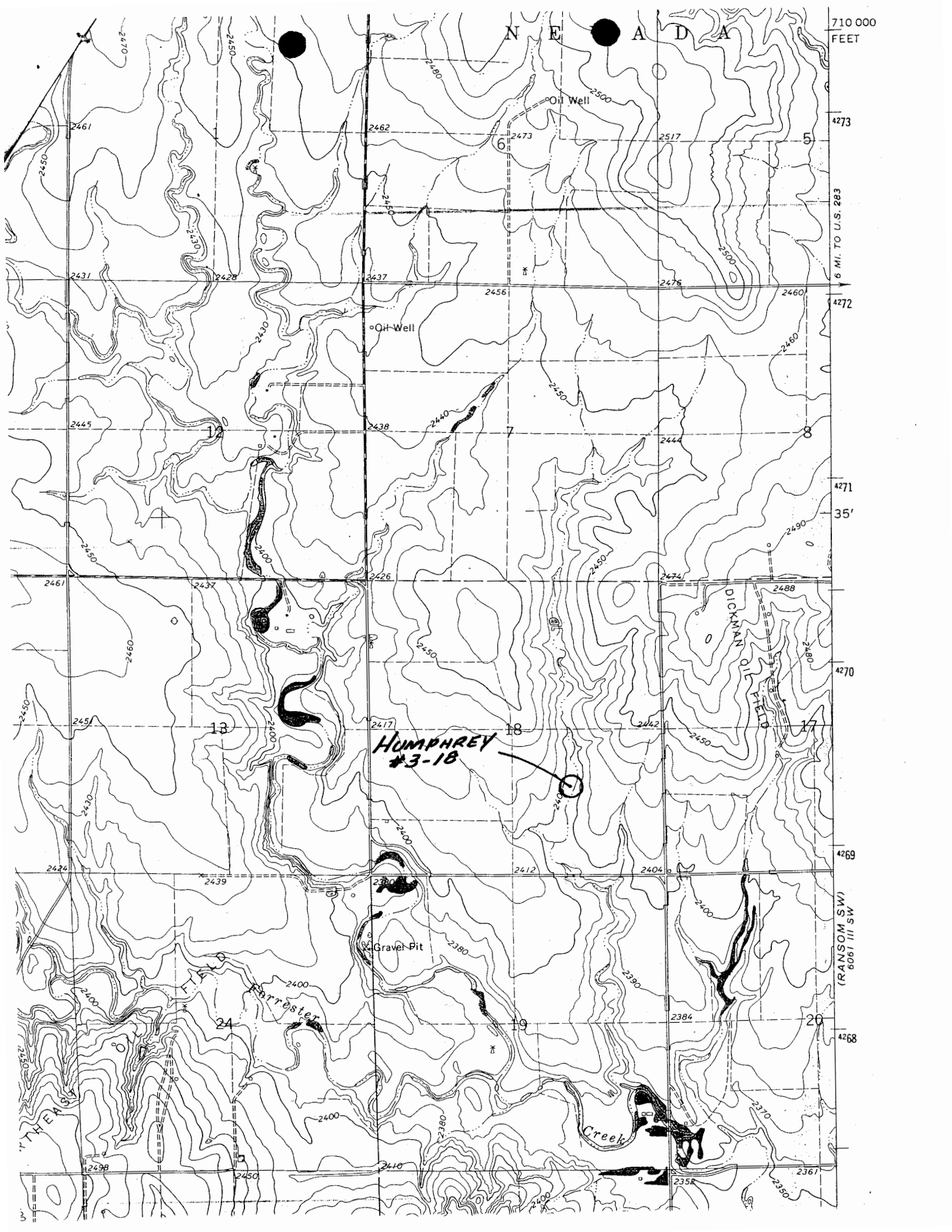
Notes:

1. Set iron rod @ location site.
2. All flagging Red & Yellow.
3. Overhead power available @ S., E. & W. lines, Sec. 18.
4. Kansas One Call System Inc. should be notified before excavation (1-800-344-7233).
5. CAUTION: Various pipelines in Section 18.
6. Contact landowner for best access.
7. Location fell 40' west of a N-S draw (dry) and trees, set alternate 50' west per representative.



- Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.
- 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 not guaranteed.
- Elevations derived from National Geodetic Vertical Datum.

Date April 10, 2000



N E A D A

710 000
FEET

6 MI. TO U.S. 283

HUMPHREY
#3-18

DICKMAN OIL FIELD

Gravel Pit

Creek

(RANSOM SW)
6061 III SW