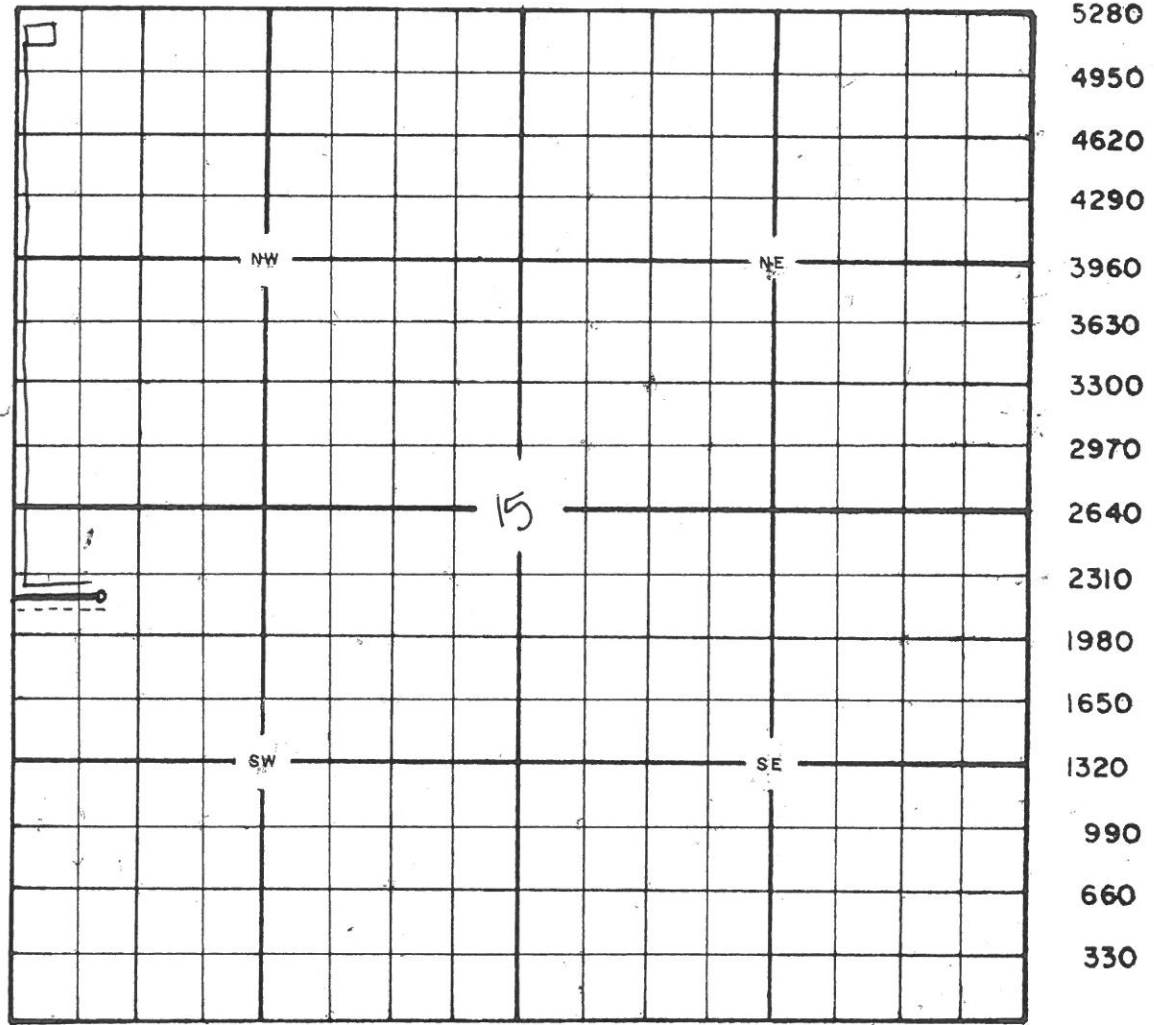
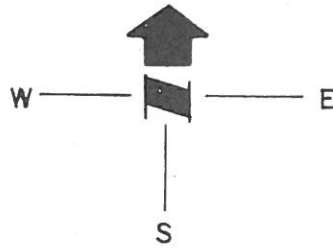


CENTRAL KANSAS SURVEYING & MAPPING

2344 Washington - Great Bend, Kansas 67530 - (316) 792-5754 or (316) 792-2873



5280
4950
4620
4290
3960
3630
3300
2970
2640
2310
1980
1650
1320
990
660
330

BEAR PETROLEUM, LLC
RYAN LEASE
 SW. 1/4, SECTION 15, T22S, R20W
 PAWNEE COUNTY, KANSAS

DIRT (K ROAD) ROAD

BEAR PETROLEUM, LLC
 RYAN "A"

Notes:

1. Set (2) wood stakes at location site.
2. All flagging Red & Yellow.
3. Overhead power available at S. & W. lines and S. 1/2 of E. line, Sec. 15.
4. Kansas One Call System Inc. should be notified before excavation (1-800-344-7233).
5. CAUTION: Various pipelines in Sec. 15.
6. Contact landowner for best access and as to location of wood stakes in wheat.

ROAD (340TH AVE.) GRAVEL

ROAD (330TH AVE.) GRAVEL

15

(Revised)
Drillsite Location
 Ryan "A" #1
 2240' FSL 400' FWL
 Ground Elevation = 2223
 Y = 537150 X = 1708494
 State Plane-NAD 27-Kansas South
 Latitude 38.13754
 Longitude -99.51394
 NGS 84-NAD 83

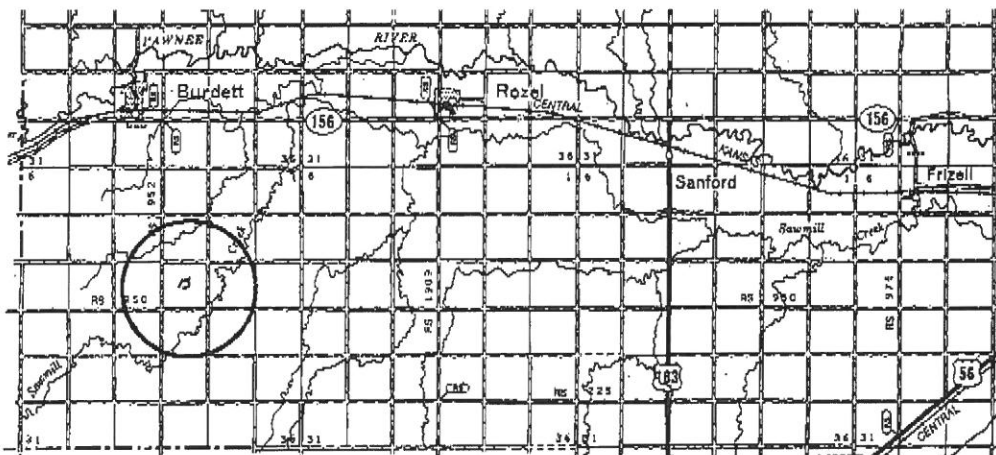
WHEAT

TERRACE

PASTURE

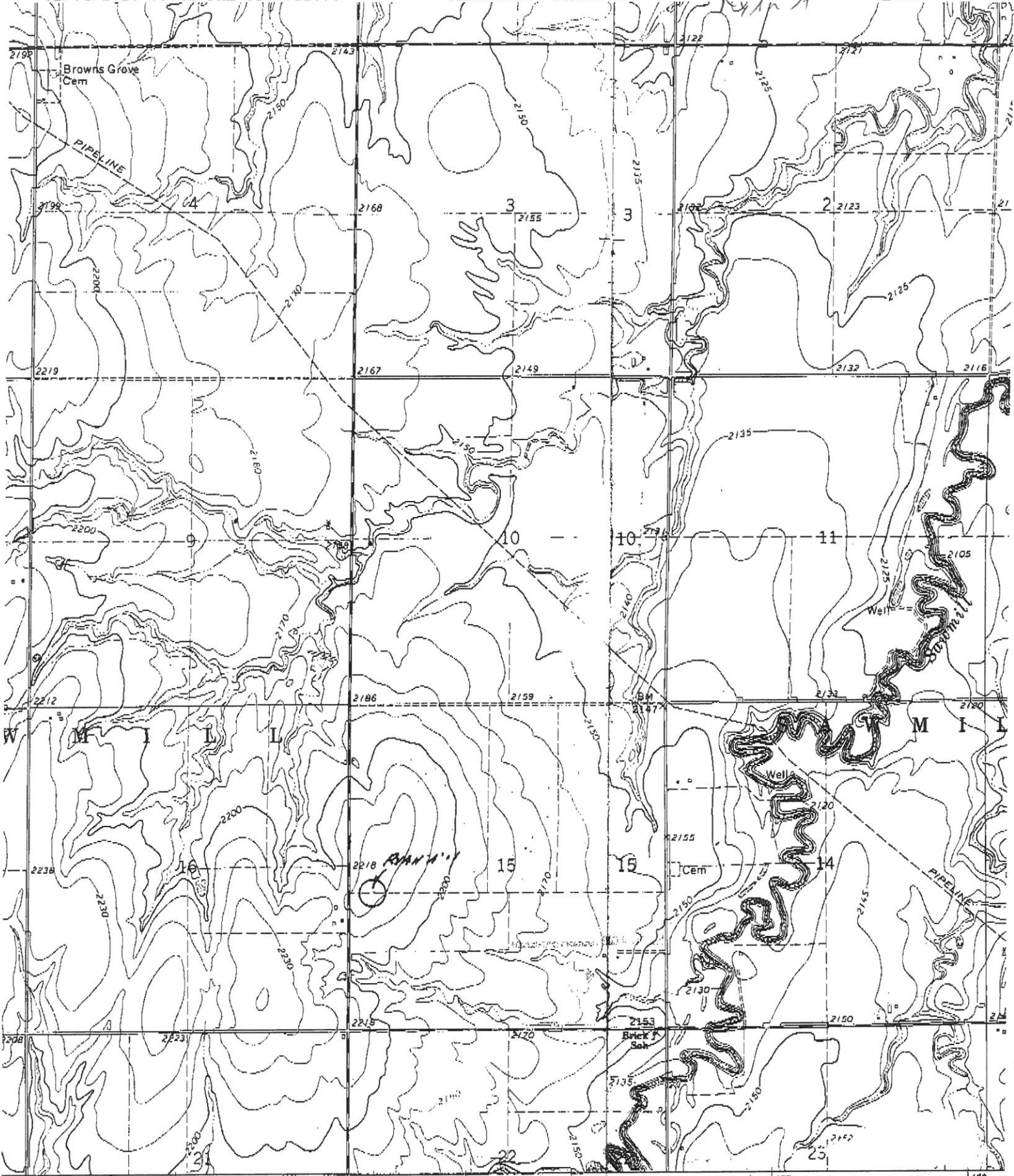
GRAVEL (J ROAD) ROAD

* Ingress and egress to location as shown on this plat is for usage only and may not be legally opened for public use. Contact landowner, tenant and county road department for access.



* 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. Therefore, the board of surveying this service and accepting this plat and all other parties relying thereon agree to hold Central Kansas Oilfield Services, Inc., its officers and employees harmless from all losses, costs and expenses and said entities released from any liability from incidental or consequential damages.
 * Elevations derived from National Geodetic Vertical Datum.

Date January 3, 2019



454000m E. ● INTERIOR GEOLOGICAL SURVEY, WASHINGTON, D. C. 20515 99°30' 457 1458

ROAD CLASSIFICATION

- | | |
|--|--|
| Primary highway, all weather, hard surface | Light-duty road, all weather, improved surface |
| Secondary highway, all weather, hard surface | Unimproved road, fair weather |

U. S. Route

Mapped, edited, and published by the Geological Survey in cooperation with State of Kansas agencies

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1968. Field checked 1970

Polyconic projection. 1927 North American datum