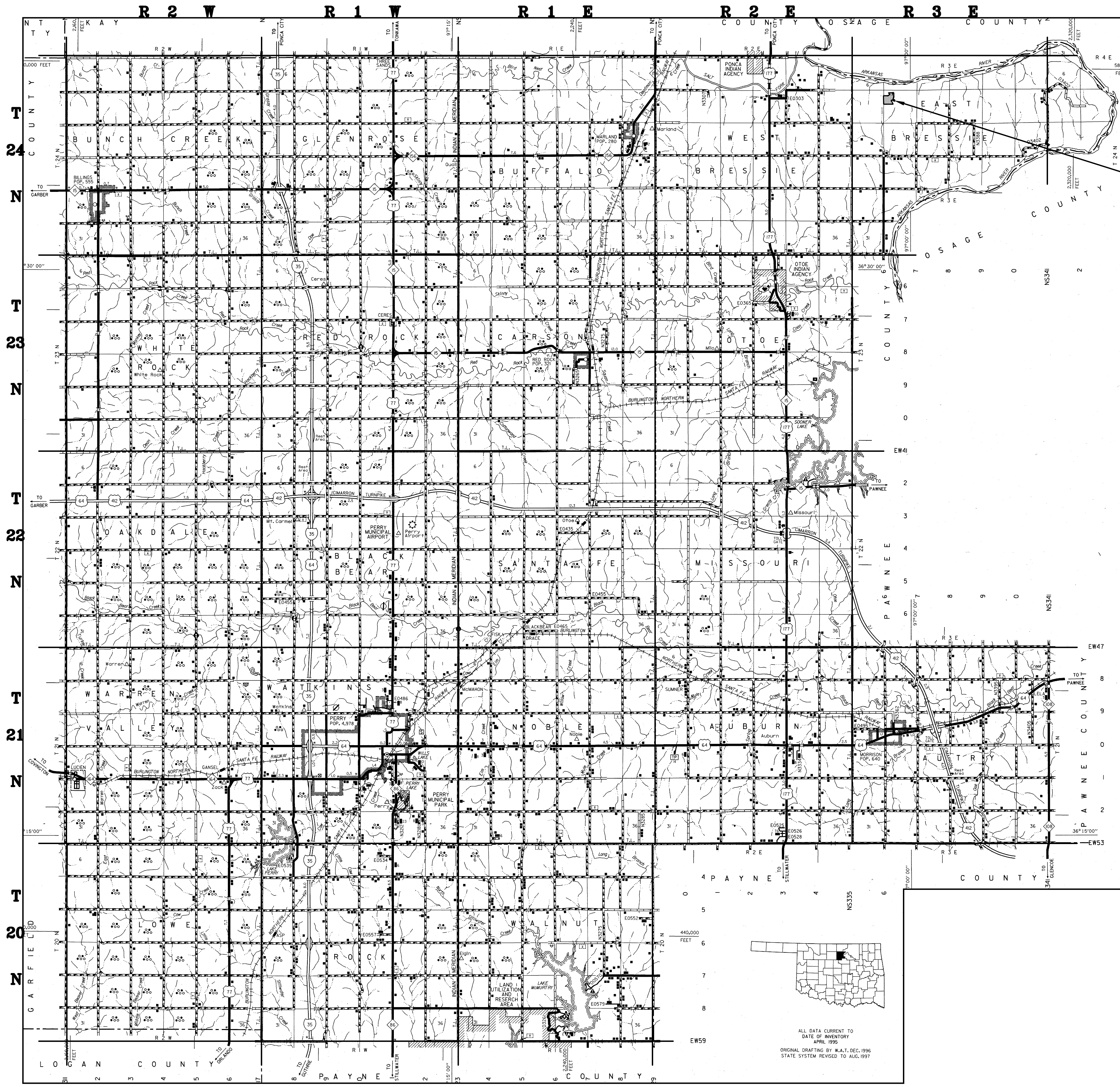


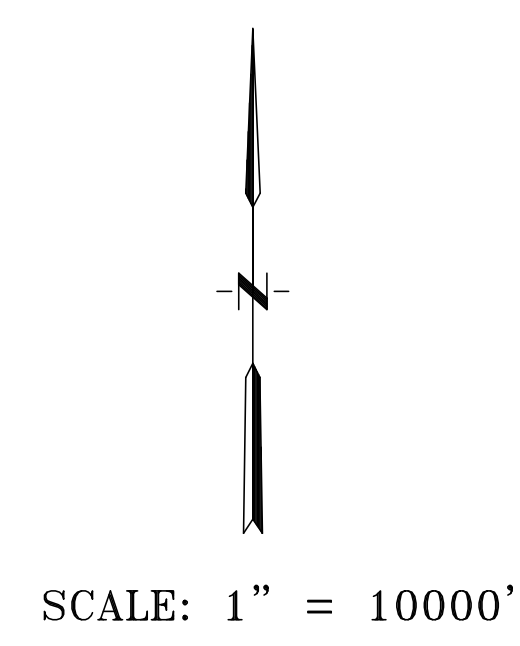
MINING COMPANY  
**EVANS & ASSOCIATES CONSTRUCTION CO., INC.**  
 3320 NORTH 4TH STREET, PONCA CITY, OKLAHOMA 74602  
 MINE NAME  
**BIG FORK RANCH**



**PROJECT LOCATION**

R 3 E

|        |    |    |    |    |    |    |
|--------|----|----|----|----|----|----|
|        | 6  | 5  | 4  | 3  | 2  | 1  |
| T 24 N | 7  | 8  | 9  | 10 | 11 | 12 |
|        | 18 | 17 | 16 | 15 | 14 | 13 |
|        | 19 | 20 | 21 | 22 | 23 | 24 |
|        | 30 | 29 | 28 | 27 | 26 | 25 |
|        | 31 | 32 | 33 | 34 | 35 | 36 |



**NOBLE COUNTY, OKLAHOMA**

L E G E N D

- PROPERTY BOUNDARIES ..... ——— P ———
- PERMIT BOUNDARIES ..... ——— P ———
- SURFACE OWNER AND PERCENTAGE ..... KAW LAND & CATTLE CO., INC.
- COAL OWNER AND PERCENTAGE ..... ——— FCL ———
- FEDERAL COAL LEASE ..... ——— FCL ———
- BOUNDARIES OF AREA TO BE DISTURBED ..... ——— D ———
- PRIME FARMLAND BOUNDARIES ..... ——— PF ———
- TRAIL ..... ——— w/s ———
- WATERSHED BOUNDARIES ..... ——— w/s ———
- SECTION LINE ..... ——— 450 ———
- PRE-MINE CONTOUR ..... ——— 450 ———
- ANTICIPATED POST-MINE CONTOUR ..... ——— 700 ———
- COAL STRUCTURAL CONTOUR ..... ——— 700 ———
- OVERBURDEN ISOPACH ..... ——— 700 ———
- COAL THICKNESS ISOPACH ..... ——— 700 ———
- COAL STRIKE AND DIP ..... ——— Z ———
- COAL SUBCROP LIMIT ..... ——— T ———
- POWER LINES ..... ——— T ———
- TELEPHONE LINES OR CABLES ..... ——— T ———
- FENCES ..... ——— T ———
- REFERENCE AREA ..... ——— R/A ———
- BUFFER ZONE ..... ——— R/A ———
- ARCHAEOLOGICAL SITES ..... ——— R/A ———
- SURFACE WATER MONITORING POINT ..... ● SWMP
- SURFACE WATER SAMPLING POINT ..... ■ SWSP
- EXISTING GROUND WATER MONITORING POINT ..... ⊙ GWMP #1
- PROPOSED GROUND WATER MONITORING POINT ..... ⊙ GWMP #1A
- GROUND WATER SAMPLING POINT ..... ○ GWSP
- EXPLORATORY DRILL HOLE LOCATION AND NUMBER ..... ● G-2
- PERENNIAL STREAMS ..... ——— ———
- INTERMITTENT STREAMS ..... ——— ———
- EPHEMERAL STREAMS ..... ——— ———

CONSTRUCTION NOTES

1. THERE SHALL BE NO BLASTING WITHIN 300 FEET OF ANY OCCUPIED DWELLING, PUBLIC BUILDING, SCHOOL, CHURCH, HOSPITAL, OR NURSING FACILITY, UNLESS THE NECESSARY APPROVALS ARE OBTAINED.
2. BUFFER ZONE = (1.5 X MINING DEPTH) + 25 FEET WILL BE ESTABLISHED ALONG THE BOUNDARY OF THE PROPERTY OWNED BY ADJOINING OWNERS ALONG THE HIGHWALL.
3. CONTACT OKIE DATA AT 1-800-522-6543 TO VERIFY THE LOCATIONS OF THE UTILITY LINES PRIOR TO ANY CONSTRUCTION ACTIVITIES.

MAPS INDEX

- MP-1 GENERAL COUNTY MAP
- MP-2 FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD PLAIN MAP
- MP-3 U. S. G. S. TOPOGRAPHIC MAP (7.5 MINUTE)
- MP-4 CCR RECLAMATION PLAN MAP
- MP-5 GROUNDWATER RESOURCE & USAGE MAP
- MP-6 GEOLOGY MAP
- MP-7A CROSS-SECTION MAP
- MP-7B CROSS-SECTION MAP
- MP-8 POTENTIOMETRIC SURFACE MAP
- MP-9 HIGHEST HISTORIC GROUNDWATER ELEVATION MAP (DURING 2003 TO 2016)
- MP-10 FINAL CLOSURE MAP

**MP-1**

PREPARED BY: **EMERA CORPORATION**  
 P. O. BOX 2228, EDMOND, OK 73083

PREPARED FOR: **EVANS & ASSOCIATES CONSTRUCTION CO., INC.**  
 3320 NORTH 4TH STREET, PONCA CITY, OKLAHOMA 74602

TITLE OF MAP: **GENERAL COUNTY MAP**

DRAWN BY: CET      SCALE: 1" = 10000'      DATE: 9-13-2017

DRAWING NO: MP-1      SHEET 1 OF 11      REVISED:

NAME OF PROJECT: **BIG FORK RANCH**

LOCATION: **A PART OF SECTION 8, T24N, R3E, NOBLE CO., OKLAHOMA**

PERMIT NO.

