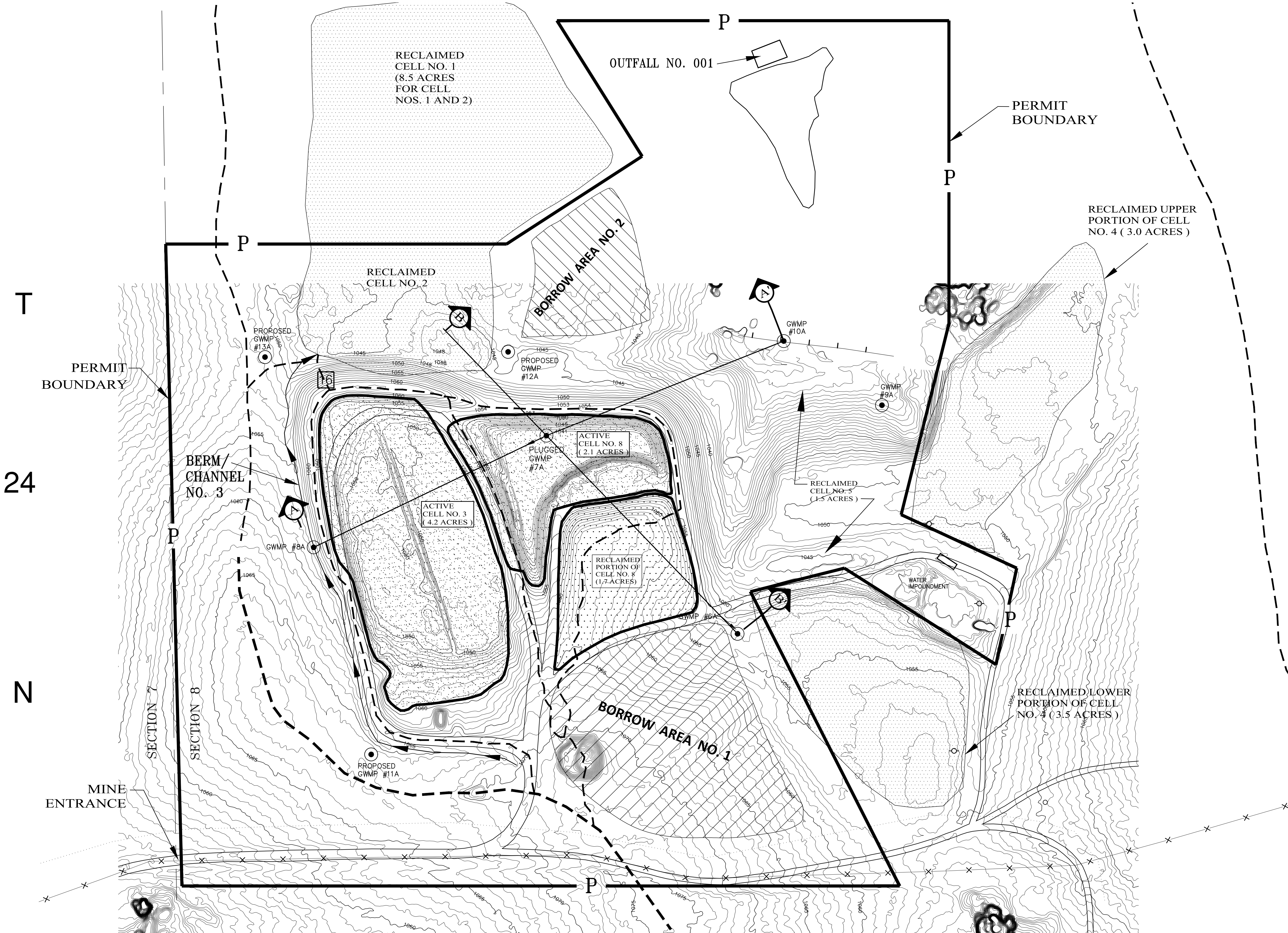


# EVANS & ASSOCIATES CONSTRUCTION CO., INC.

3320 NORTH 4TH STREET, PONCA CITY, OKLAHOMA 74602

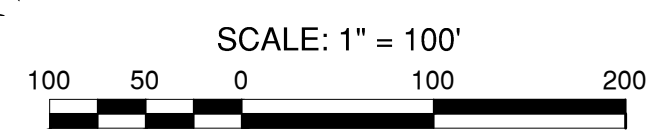
MINE NAME **BIG FORK RANCH**

**R 3 E**



CONTOUR INTERVAL: 1 - FOOT  
DATE OF PHOTOGRAPHY & CONTOURS: JUNE 29, 2017

**NOBLE COUNTY, OKLAHOMA**



## LEGEND

PROPERTY BOUNDARIES	-----
PERMIT BOUNDARIES	----- P -----
SURFACE OWNER AND PERCENTAGE	KAW LAND & CATTLE CO., INC.
COAL OWNER AND PERCENTAGE	
FEDERAL COAL LEASE	----- FCL -----
BOUNDARIES OF AREA TO BE DISTURBED	-----
PRIME FARMLAND BOUNDARIES	----- PF -----
WATERSHED BOUNDARIES	----- W/S -----
SECTION LINE	-----
PRE-MINE CONTOUR	----- 1050 -----
ANTICIPATED POST-MINE CONTOUR	-----
COAL STRUCTURAL CONTOUR	-----
OVERBURDEN ISOPACH	-----
COAL THICKNESS ISOPACH	-----
COAL STRIKE AND DIP	-----
COAL SUBCROP LIMIT	-----
POWER LINES	----- Z -----
TELEPHONE LINES OR CABLES	----- T -----
FENCES	-----
REFERENCE AREA	----- R/A -----
BUFFER ZONE	-----
ARCHAEOLOGICAL SITES	-----
SURFACE WATER MONITORING POINT	● SWMP
SURFACE WATER SAMPLING POINT	■ SWSP
PREVIOUS GROUND WATER MONITORING POINT (INSTALLED UNDER ODEQ AUTHORITY, PRIOR TO 1999)	○ GWMP #1
PROPOSED GROUND WATER MONITORING POINT (INSTALLED UNDER ODM AUTHORITY)	○ GWMP #1A
GROUND WATER SAMPLING POINT	○ GWSP
EXPLORATORY DRILL HOLE LOCATION AND NUMBER	● G-2
PERENNIAL STREAMS	-----
INTERMITTENT STREAMS	-----
EPHEMERAL STREAMS	-----
APPROXIMATE LOCATION OF TEST PIT	□
AREA RECLAIMED UNDER ODEQ AUTHORITY, PRIOR TO 1999 (CELL NOS. 1, 2, AND 4)	-----

## CONSTRUCTION NOTES

- 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.
- 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.
- CONTACT OKIE DATA AT 1-800-522-6543 TO VERIFY THE LOCATIONS OF THE UTILITY LINES PRIOR TO ANY CONSTRUCTION ACTIVITIES.

## GROUNDWATER MONITORING WELLS

POINT NO.	NORTHING	EASTING	LATITUDE	LONGITUDE	GROUND ELEVATION
GWMP #6A	2258945.025	574722.081	N36° 34' 29.05"	W97° 00' 39.13"	1055.42'
GWMP #8A	2258160.837	574856.041	N36° 34' 30.45"	W97° 00' 48.73"	1057.97'
GWMP #9A	2259370.613	575206.678	N36° 34' 33.80"	W97° 00' 33.86"	1028.96'
GWMP #10A	2259214.6	575355.787	N36° 34' 35.29"	W97° 00' 35.75"	1017.59'

## PROJECT LOCATION

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

**MP-4**

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: **CCR RECLAMATION PLAN MAP**

DRAWN BY: THJ      SCALE: 1" = 100'      DATE: 9-13-2017

DRAWING NO: MP-4      SHEET 4 OF 11      REVISED:

NAME OF PROJECT: **BIG FORK RANCH**

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

PERMIT NO. APPROVED BY: