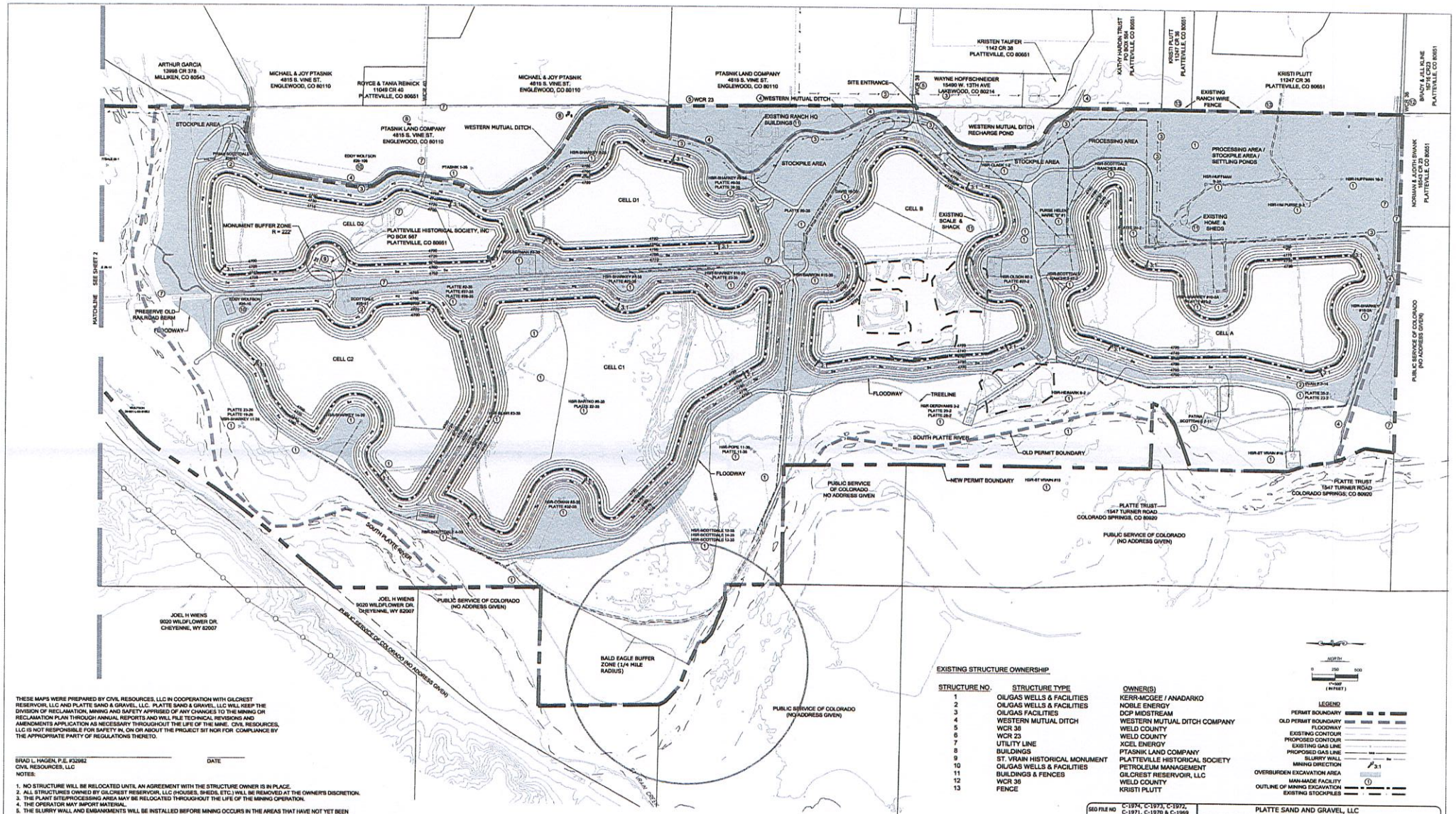

THESE MAPS WERE PREPARED BY CIVIL RESOURCES, LLC IN COOPERATION WITH GILCREST RESERVOIR, LLC AND PLATTE SAND & GRAVEL, LLC. PLATTE SAND & GRAVEL, LLC WILL KEEP THE DIVISION OF RECLAMATION, MINING AND SAFETY APPRISED OF ANY CHANGES TO THE MINING OR RECLAMATION PLAN THROUGH ANNUAL REPORTS AND WILL FILE TECHNICAL REVISIONS AND AMENDMENTS APPLICATION AS NECESSARY THROUGHOUT THE LIFE OF THE MINE. CIVIL RESOURCES, LLC IS NOT RESPONSIBLE FOR SAFETY IN, ON OR ABOUT THE PROJECT SIT NOR FOR COMPLIANCE BY THE APPROPRIATE PARTY OF REGULATIONS THERETO.

BRAD L. HAGEN, P.E. #32982 DATE
CIVIL RESOURCES, LLC

NOTES:

1. NO STRUCTURE WILL BE RELOCATED UNTIL AN AGREEMENT WITH THE STRUCTURE OWNER IS IN PLACE.
2. ALL STRUCTURES OWNED BY GILCREST RESERVOIR, LLC (HOUSES, SHEDS, ETC.) WILL BE REMOVED AT THE OWNER'S DISCRETION.
3. THE PLANT SITE/PROCESSING AREA MAY BE RELOCATED THROUGHOUT THE LIFE OF THE MINING OPERATION.
4. THE OPERATOR MAY IMPORT MATERIAL.
5. THE SLURRY WALL AND EMBANKMENTS WILL BE INSTALLED BEFORE MINING OCCURS IN THE AREAS THAT HAVE NOT YET BEEN MINED. THE EMBANKMENTS WILL BE CREATED FROM THE OVERBURDEN ON THE PROPERTY. THE TOPSOIL WILL BE PRESERVED AROUND THE PERIMETER OF EACH RESERVOIR AND PLACED ON THE DOWNSTREAM EMBANKMENT AND SEEDED AFTER CONSTRUCTION IS COMPLETE.
6. OPERATOR MAY REMOVE OVERBURDEN IN SHADED AREAS TO CREATE EMBANKMENTS.
7. THE LANDOWNER MAY FILL THE RESERVOIRS BEFORE MINING IS COMPLETE.
8. FILLING OR PLACEMENT OF MATERIALS ADJACENT TO THE RIVER WILL NOT BE ALLOWED INSIDE OF THE FLOODWAY LIMIT.
9. FILL OVER UNDERGROUND UTILITIES WILL BE ALLOWED AS PER SURFACE USE OR OTHER AGREEMENTS.
10. TOPSOIL WILL BE SEGREGATED AND TEMPORARILY (TYPICALLY LESS THAN A MONTH) STOCKPILED OUTSIDE OF THE PROPOSED CELLS.
11. NO MINING MAY OCCUR WITHIN THE BALD EAGLE BUFFER ZONE BETWEEN NOVEMBER 1 AND MARCH 1.

Mowed and spot sprayed as necessary the entire mine area. Hoary Crest (white top), Bull Thistle, Canada Thistle and cheat grass (downy brome) were present and sprayed with weed killer.

EXISTING STRUCTURE OWNERSHIP

STRUCTURE NO.	STRUCTURE TYPE	OWNER(S)
1	OIL/GAS WELLS & FACILITIES	KERR-MCGEE / ANADARKO
2	OIL/GAS WELLS & FACILITIES	NOBLE ENERGY
3	OIL/GAS FACILITIES	DCP MIDSTREAM
4	WESTERN MUTUAL DITCH	WESTERN MUTUAL DITCH COMPANY
5	WCR 38	WELD COUNTY
6	WCR 23	WELD COUNTY
7	UTILITY LINE	XCEL ENERGY
8	BUILDINGS	PTASNIK LAND COMPANY
9	ST. VRAIN HISTORICAL MONUMENT	PLATTEVILLE HISTORICAL SOCIETY
10	OIL/GAS WELLS & FACILITIES	PETROLEUM MANAGEMENT
11	BUILDINGS & FENCES	GILCREST RESERVOIR, LLC
12	WCR 36	WELD COUNTY
13	FENCE	KRISTI PLUTT

LEGEND

- PERMIT BOUNDARY
- OLD PERMIT BOUNDARY
- FLOODWAY
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING GAS LINE
- PROPOSED GAS LINE
- SLURRY WALL
- MINING DIRECTION
- OVERBURDEN EXCAVATION AREA — 3:1
- MAN-MADE FACILITY
- OUTLINE OF MINING EXCAVATION
- EXISTING STOCKPILES

SEQ FILE NO	C-1974, C-1973, C-1972, C-1971, C-1970 & C-1969
REVISIONS	
NO.	DESCRIPTION / DATE / BY

PLATTE SAND AND GRAVEL, LLC

S&H MINE
PERMIT M-2000-158-AMENDMENT 2
EXHIBIT C - MINING PLAN

CIVIL RESOURCES, LLC
323 5th Street
P.O. Box 680 Frederick, CO 80530
303 833 1416 (p) 303 833 2850 (f)

DESIGNED BY: LJS	DATE: MAR 2010	JOB NO.	DWG: MP1
DRAWN BY: LJS	SCALE: AS NOTED	141.001.10	SHEET: 1
CHECKED BY: SLH			

RECEIVED
FEB 02 2011
Division of Reclamation, Mining & Safety