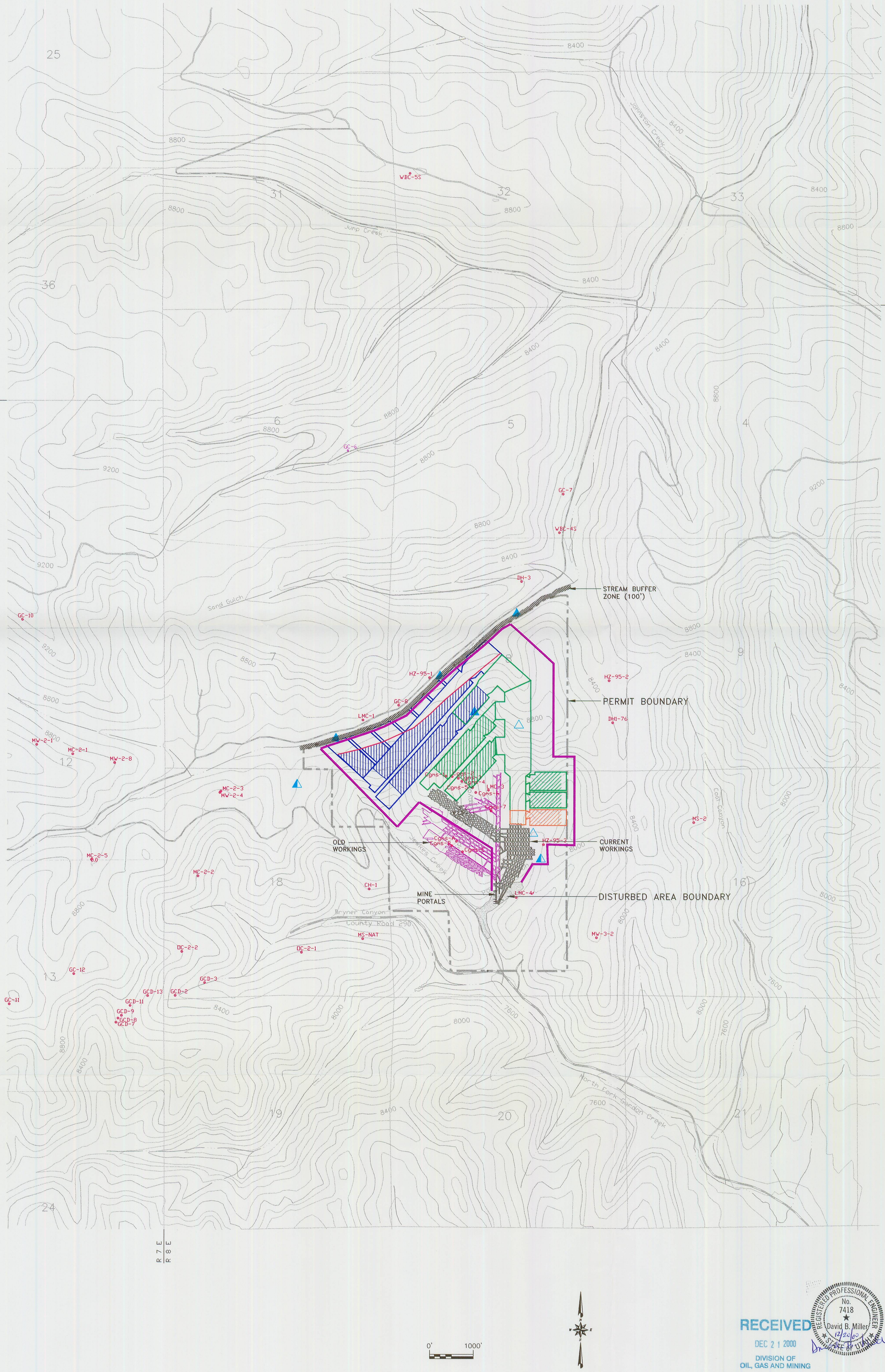

RECEIVED
DEC 2 1 2000
DIVISION OF OIL, GAS AND MINING

REGISTERED PROFESSIONAL ENGINEER No. 7418 David B. Miller 12/20/00 STATE OF UTAH

LEGEND

- IMPROVED GRAVEL ROAD
- UNIMPROVED GRAVEL ROAD
- JEEP TRAILS
- STREAMS
- PROPOSED SUBSIDENCE MONITORING STATION
- MONITORING STATION–VERTICAL, HORIZONTAL AND INCLINATION CONTROL (HIAWATHA SEAM)
- BASE STATION–ELEVATION AND HORIZONTAL CONTROL (PERMANENT)
- 2000 MINING
- 2001 MINING
- 2002 MINING
- EXTENT OF FULL PILLAR MINING
- EXTENT OF POTENTIAL SUBSIDENCE
- 2000 FULL PILLAR EXTRACTION
- 2001 FULL PILLAR EXTRACTION
- 2002 FULL PILLAR EXTRACTION

REVISION

BY	DATE	DESCRIPTION
VSM	7-2-96	
1		
BJB	7-16-96	
2		
VSM	5-31-99	
3		
RCR	8-18-00	NEW PERMIT BOUNDARY, DISTURBED AREA BOUNDARY AND TITLE BLOCK
4		
KP	12-14-00	ADDED POTENTIAL SUBSIDENCE, RELOCATED SUBSIDENCE MONITORING
5		
6		

LODESTAR ENERGY MOUNTAIN OPERATIONS

LODESTAR ENERGY, INC.
HORIZON MINE
HC35 BOX 370
HELPER, UTAH 84526

PLATE 3-3

MINE PLAN AND AND SUBSIDENCE MONITORING POINTS

DRAWN BY: RCR | CHECKED BY: DBM | DATE: 08-18-00
APPROVED BY: DBM | AUTOCAD FILE: G:\UC692\01\PERMIT\NEW-FORMAT\DWG\PL13-32000.DWG 8-18-00

Lodestar Energy, Inc.