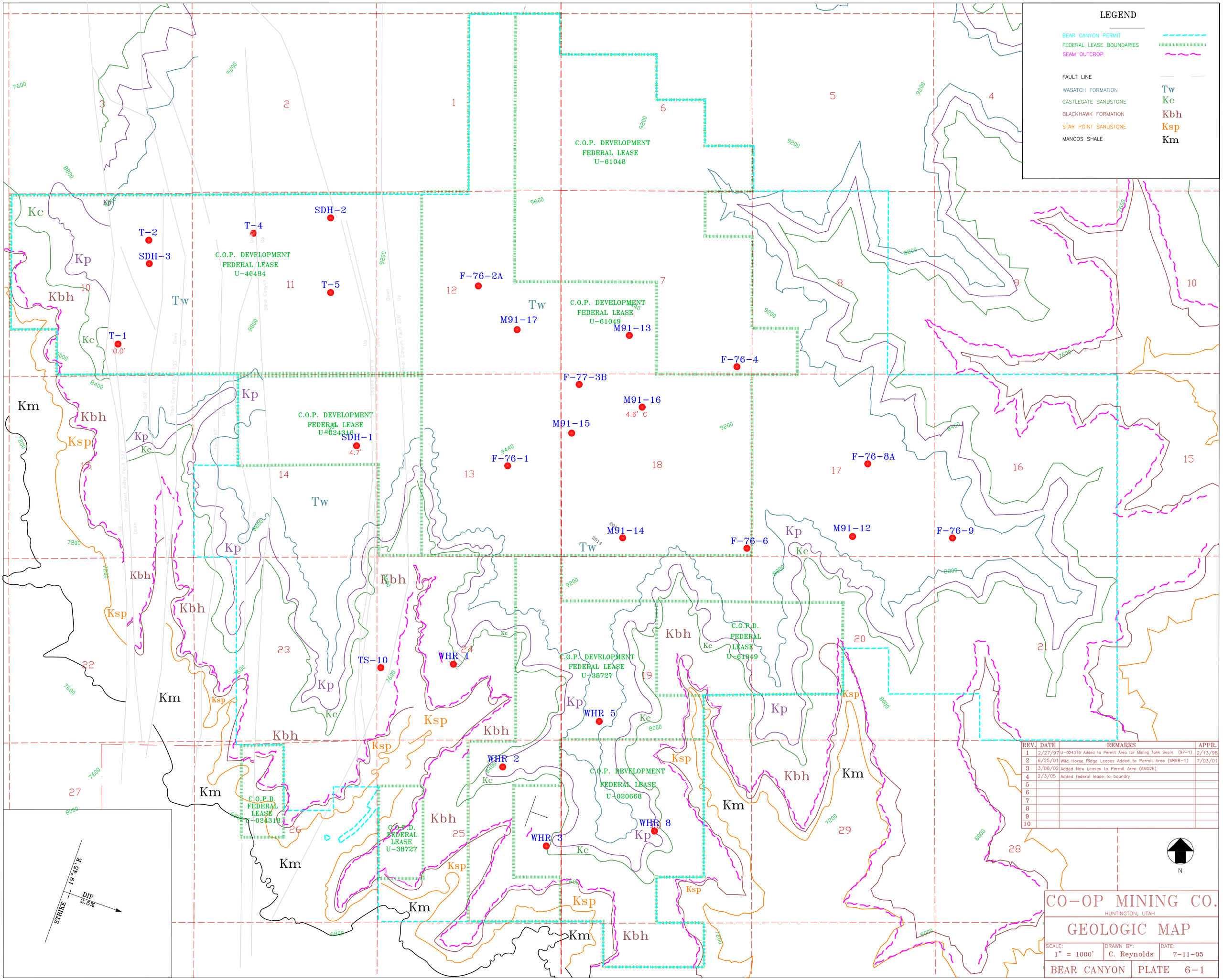
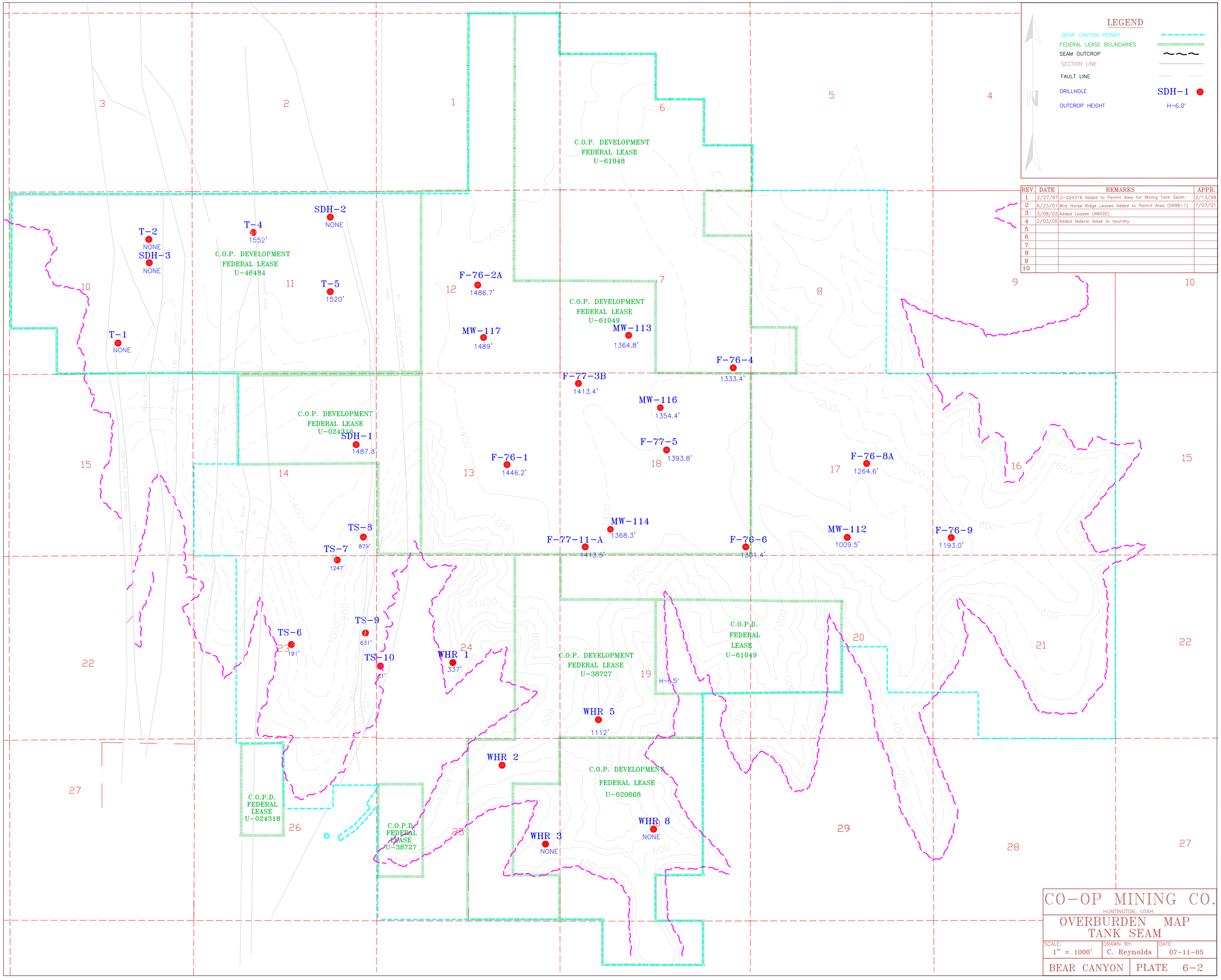


REV.	DATE	REMARKS	APPR.
1	2/27/97	U-024316 Added to Permit Area for Mining Tank Seam (97-1)	2/13/98
2	6/25/01	Wild Horse Ridge Leases Added to Permit Area (SR98-1)	7/03/01
3	3/08/02	Added New Leases to Permit Area (AM02E)	
4	2/3/05	Added federal lease to boundry	
5			
6			
7			
8			
9			
10			



REV.	DATE	REMARKS	APPR.
1	2/27/97	U-024316 Added to Permit Area for Mining Tank Seam	2/13/98
2	6/25/01	Wild Horse Ridge Leases Added to Permit Area (SR98-1)	7/03/01
3	3/08/02	Added Leases (AM02E)	
4	2/03/05	Added federal lease to boundry	
5			
6			
7			
8			
9			
10			

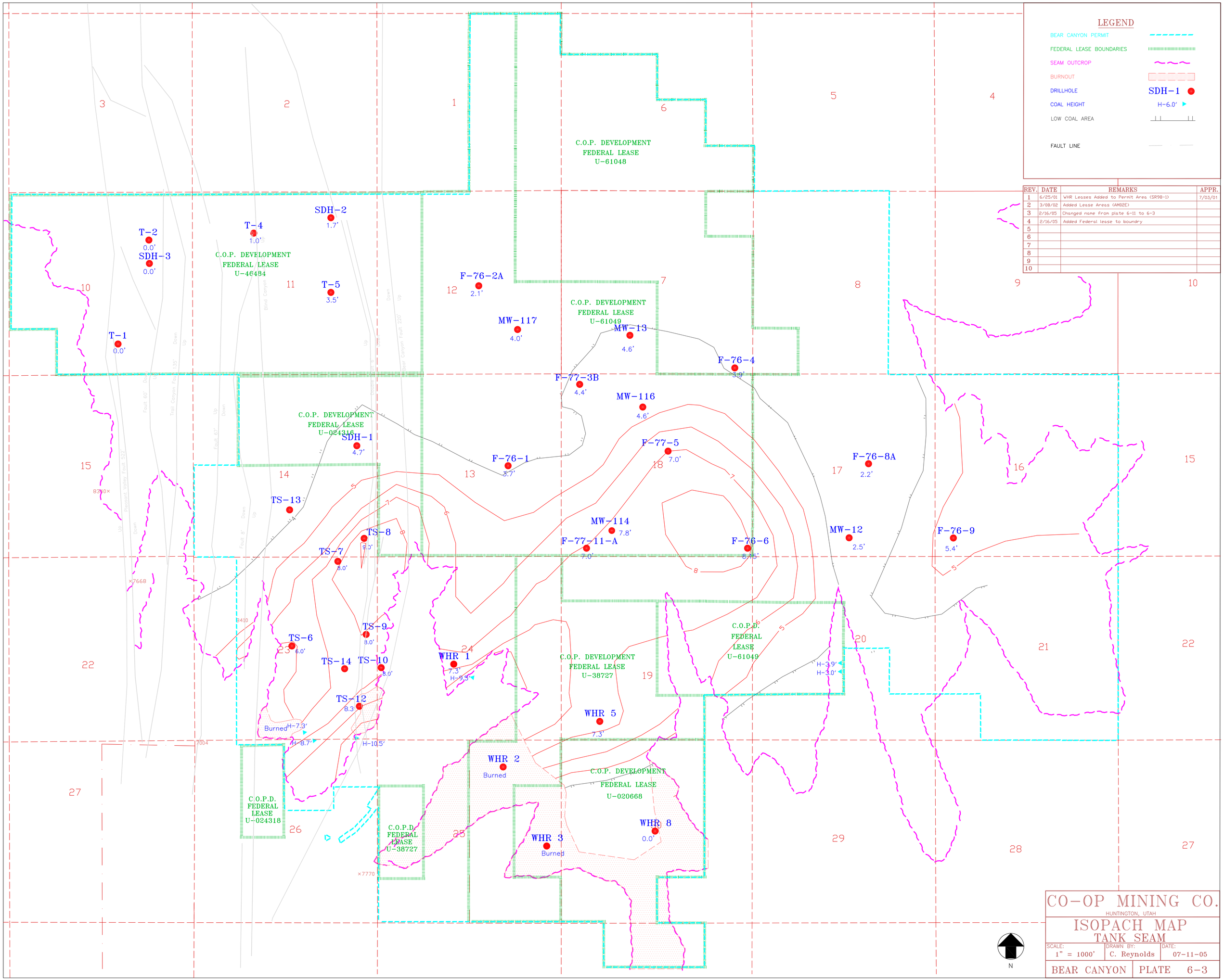
CO-OP MINING CO.

HUNTINGTON, UTAH

OVERBURDEN MAP TANK SEAM

SCALE:	DRAWN BY:	DATE:
1" = 1000'	C. Reynolds	07-11-05

BEAR CANYON | PLATE 6-2



REV.	DATE	REMARKS	APPR.
1	6/25/01	WHR Leases Added to Permit Area (SR98-1)	7/03/01
2	3/08/02	Added Lease Areas (AM02E)	
3	2/16/05	Changed name from plate 6-11 to 6-3	
4	2/16/05	Added Federal lease to boundry	
5			
6			
7			
8			
9			
10			

CO-OP MINING CO.

HUNTINGTON, UTAH

ISOPACH MAP
TANK SEAM

SCALE:	DRAWN BY:	DATE:
1" = 1000'	C. Reynolds	07-11-05

BEAR CANYON | PLATE 6-3

CO-OP MINING CO.

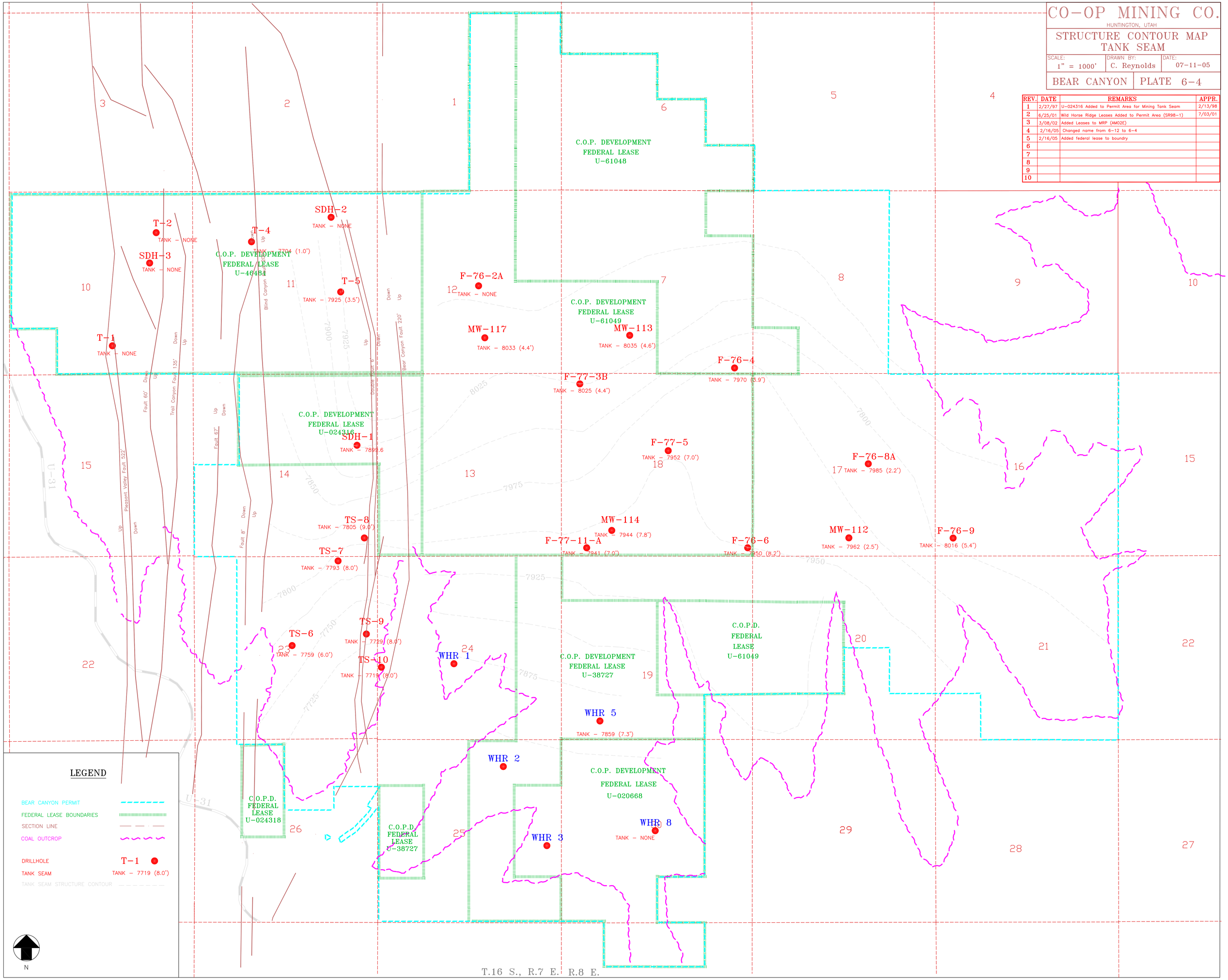
HUNTINGTON, UTAH

STRUCTURE CONTOUR MAP TANK SEAM

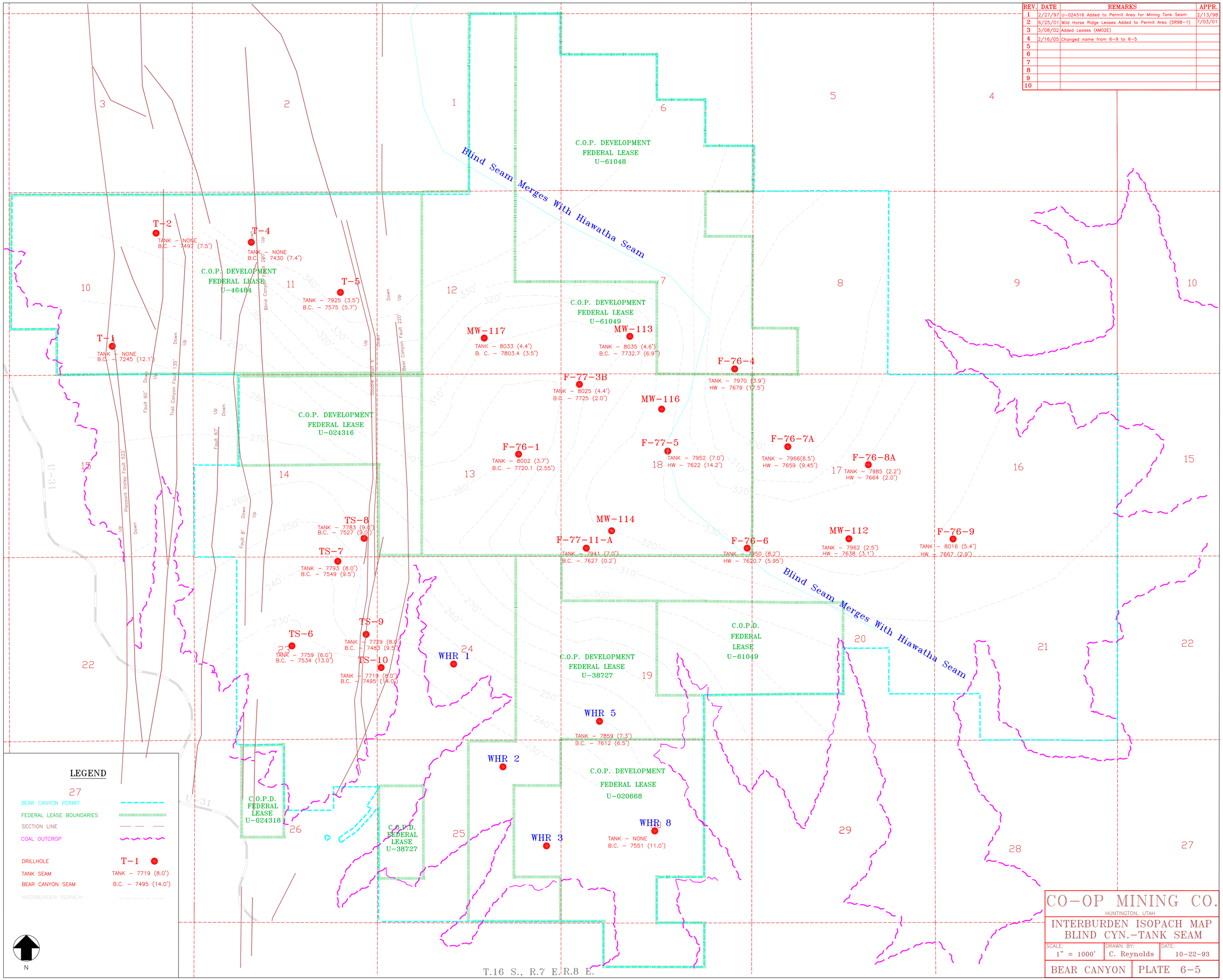
SCALE:	DRAWN BY:	DATE:
1" = 1000'	C. Reynolds	07-11-05

BEAR CANYON | PLATE 6-4

REV.	DATE	REMARKS	APPR.
1	2/27/97	U-024316 Added to Permit Area for Mining Tank Seam	2/13/98
2	6/25/01	Wild Horse Ridge Leases Added to Permit Area (SR98-1)	7/03/01
3	3/08/02	Added Leases to MRP (AM02E)	
4	2/16/05	Changed name from 6-12 to 6-4	
5	2/16/05	Added federal lease to boundry	
6			
7			
8			
9			
10			



REV.	DATE	REMARKS	APPR.
1	2/27/97	U-024316 Added to Permit Area for Mining Tank Seam	2/13/98
2	6/25/01	Wild Horse Ridge Leases Added to Permit Area (SR98-1)	7/03/01
3	3/08/02	Added Leases (AM02E)	
4	2/16/05	Changed name from 6-9 to 6-5	
5			
6			
7			
8			
9			
10			

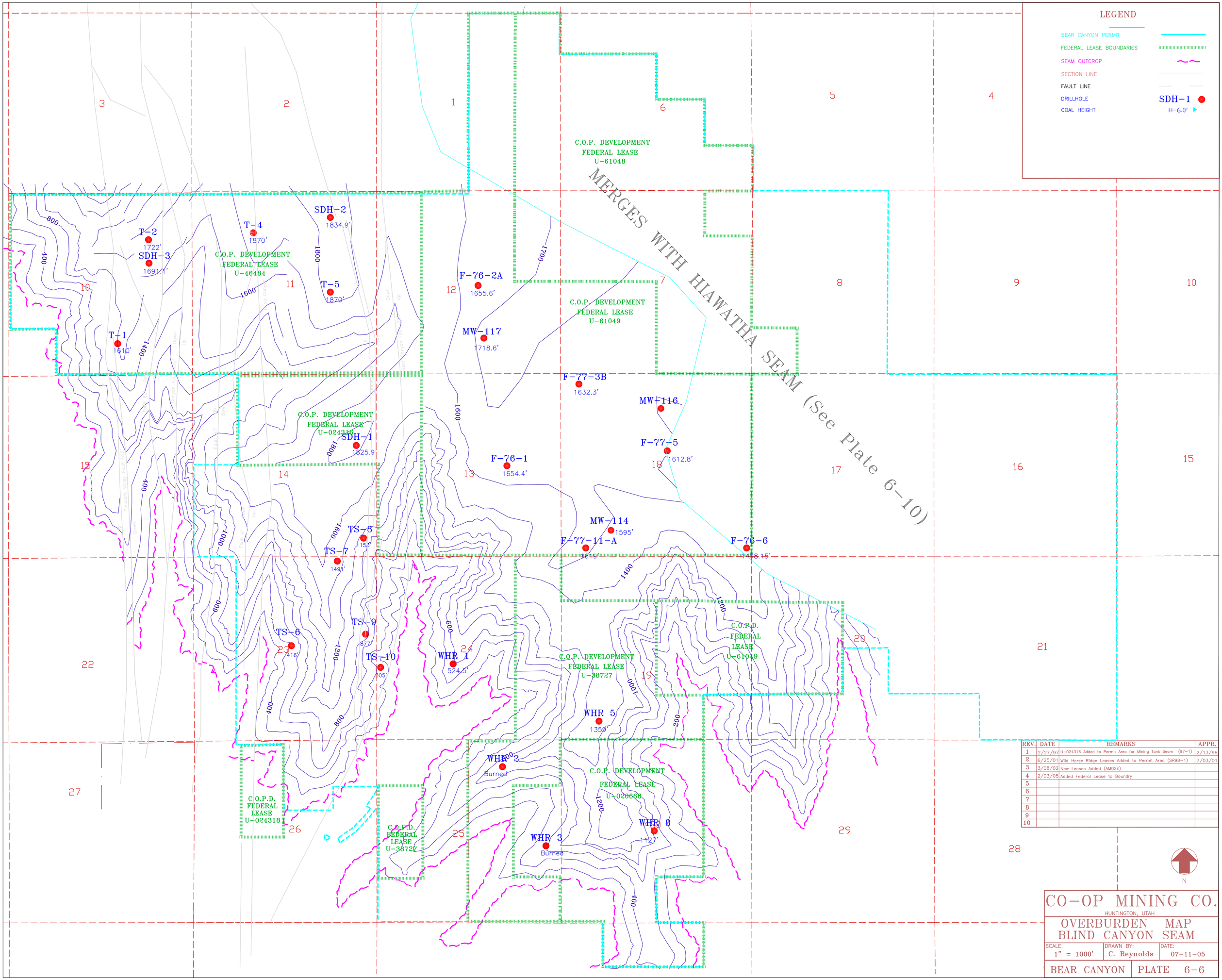


CO-OP MINING CO.
HUNTINGTON, UTAH

INTERBURDEN ISOPACH MAP
BLIND CYN.-TANK SEAM

SCALE:	DRAWN BY:	DATE:
1" = 1000'	C. Reynolds	10-22-93

BEAR CANYON | PLATE 6-5



REV.	DATE	REMARKS	APPR.
1	2/27/97	U-024316 Added to Permit Area for Mining Tank Seam (97-1)	2/13/98
2	6/25/01	Wild Horse Ridge Leases Added to Permit Area (SR98-1)	7/03/01
3	3/08/02	New Leases Added (AM02E)	
4	2/03/05	Added Federal Lease to Boundry	
5			
6			
7			
8			
9			
10			

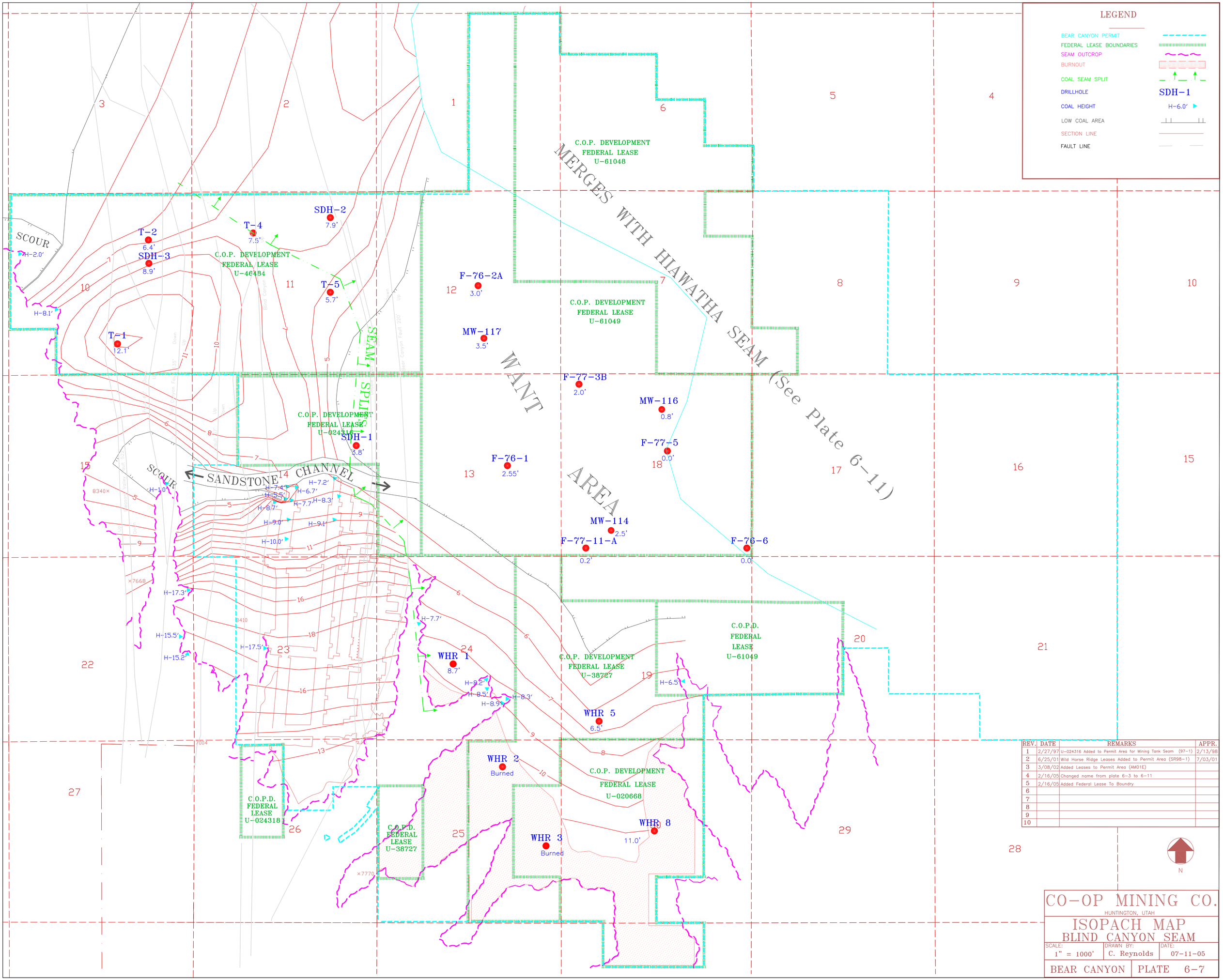
CO-OP MINING CO.

HUNTINGTON, UTAH

OVERBURDEN MAP BLIND CANYON SEAM

SCALE:	DRAWN BY:	DATE:
1" = 1000'	C. Reynolds	07-11-05

BEAR CANYON | PLATE 6-6



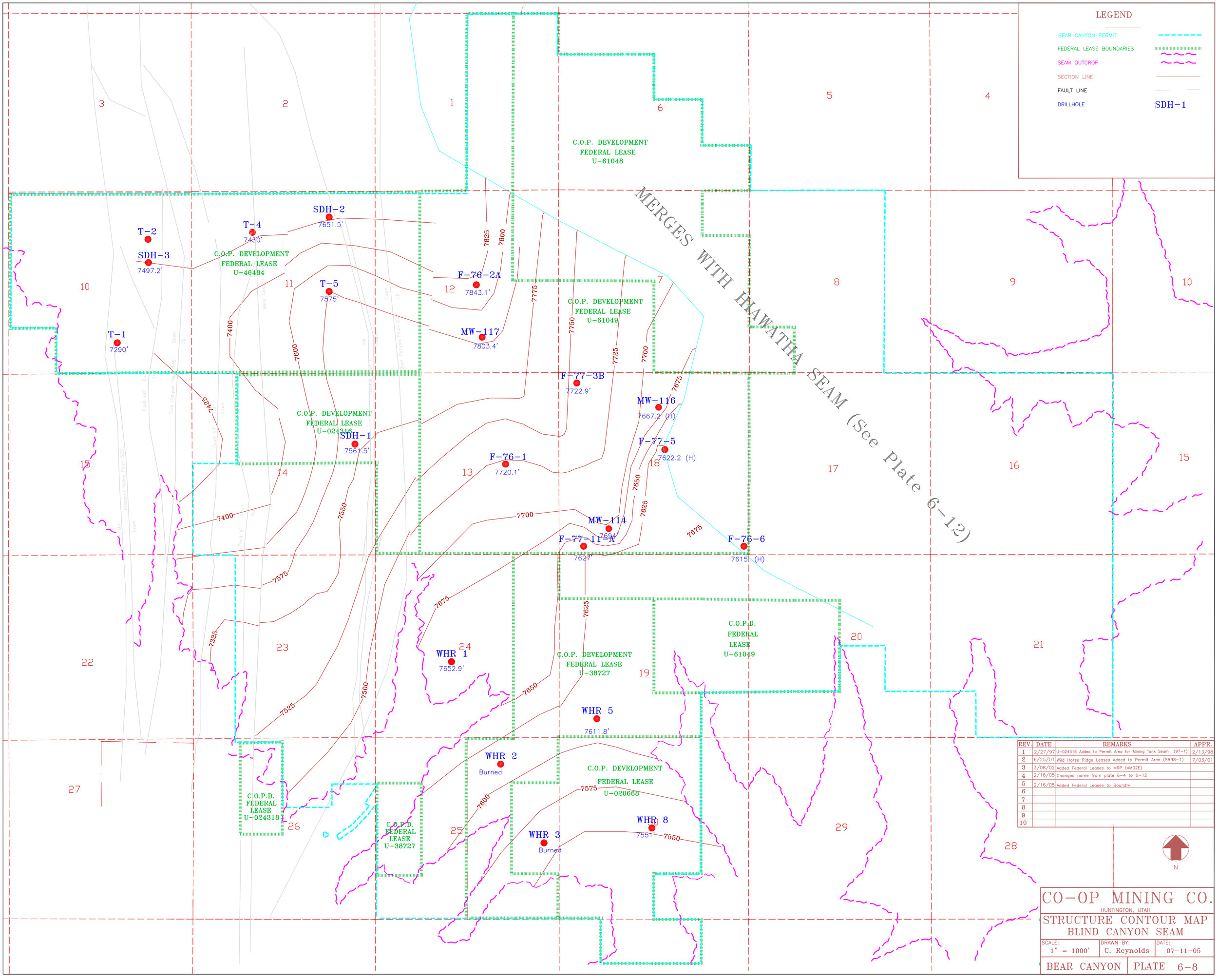
REV.	DATE	REMARKS	APPR.
1	2/27/97	U-024316 Added to Permit Area for Mining Tank Seam (97-1)	2/13/98
2	6/25/01	Wild Horse Ridge Leases Added to Permit Area (SR98-1)	7/03/01
3	3/08/02	Added Leases to Permit Area (AM01E)	
4	2/16/05	Changed name from plate 6-3 to 6-11	
5	2/16/05	Added Federal Lease To Boundry	
6			
7			
8			
9			
10			

CO-OP MINING CO.
HUNTINGTON, UTAH

ISOPACH MAP
BLIND CANYON SEAM

SCALE:	DRAWN BY:	DATE:
1" = 1000'	C. Reynolds	07-11-05

BEAR CANYON | PLATE 6-7



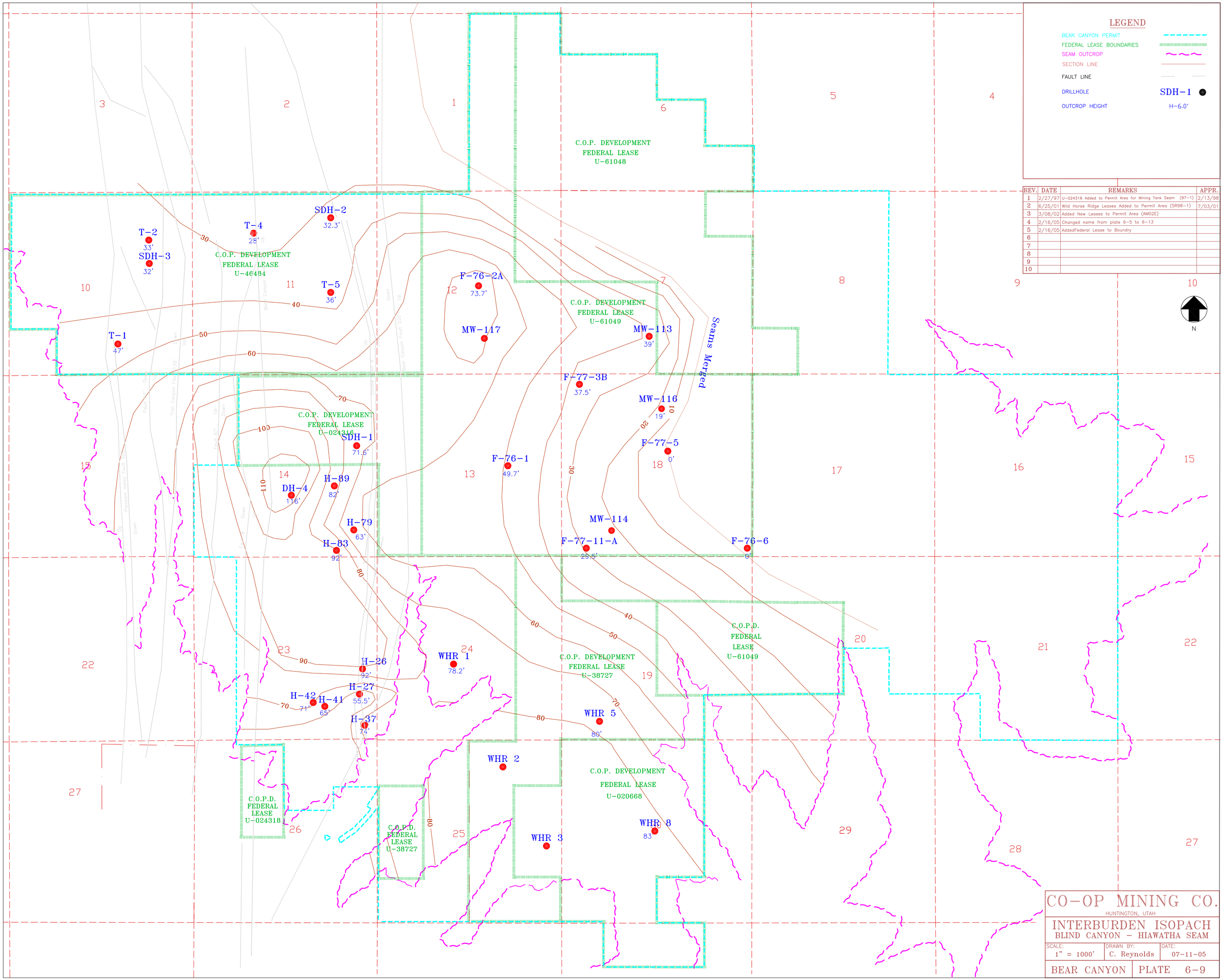
REV.	DATE	REMARKS	APPR.
1	2/27/97	U-024316 Added to Permit Area for Mining Tank Seam (97-1)	2/13/98
2	6/25/01	Wild Horse Ridge Leases Added to Permit Area (SR98-1)	7/03/01
3	3/08/02	Added Federal Leases to MRP (AM02E)	
4	2/16/05	Changed name from plate 6-4 to 6-12	
5	2/16/05	Added Federal Leases to Boundry	
6			
7			
8			
9			
10			

CO-OP MINING CO.
HUNTINGTON, UTAH

STRUCTURE CONTOUR MAP
BLIND CANYON SEAM

SCALE:	DRAWN BY:	DATE:
1" = 1000'	C. Reynolds	07-11-05

BEAR CANYON | PLATE 6-8



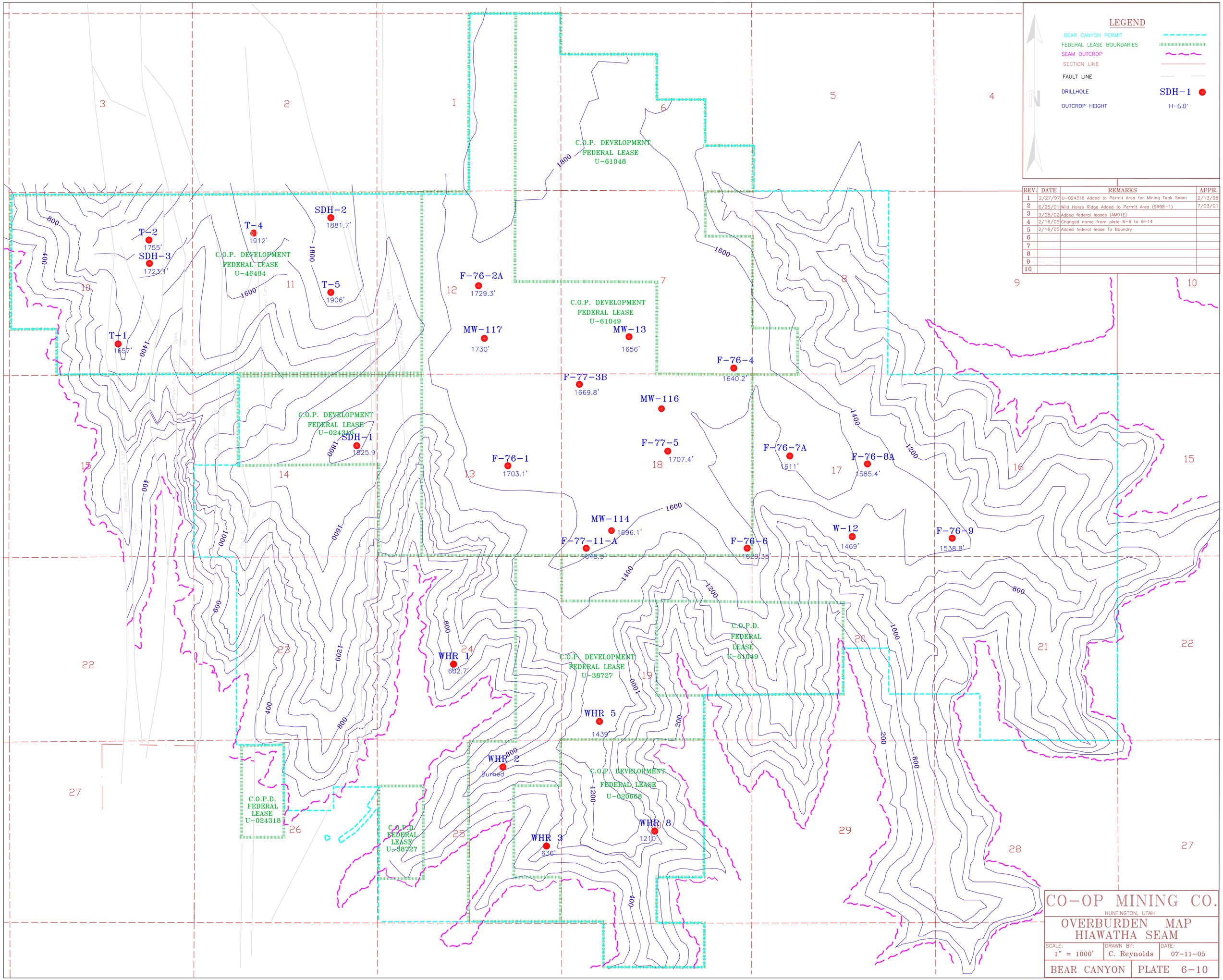
REV.	DATE	REMARKS	APPR.
1	2/27/97	U-024316 Added to Permit Area for Mining Tank Seam (97-1)	2/13/98
2	6/25/01	Wild Horse Ridge Leases Added to Permit Area (SR98-1)	7/03/01
3	3/08/02	Added New Leases to Permit Area (AM02E)	
4	2/16/05	Changed name from plate 6-5 to 6-13	
5	2/16/05	AddedFederal Lease to Boundry	
6			
7			
8			
9			
10			

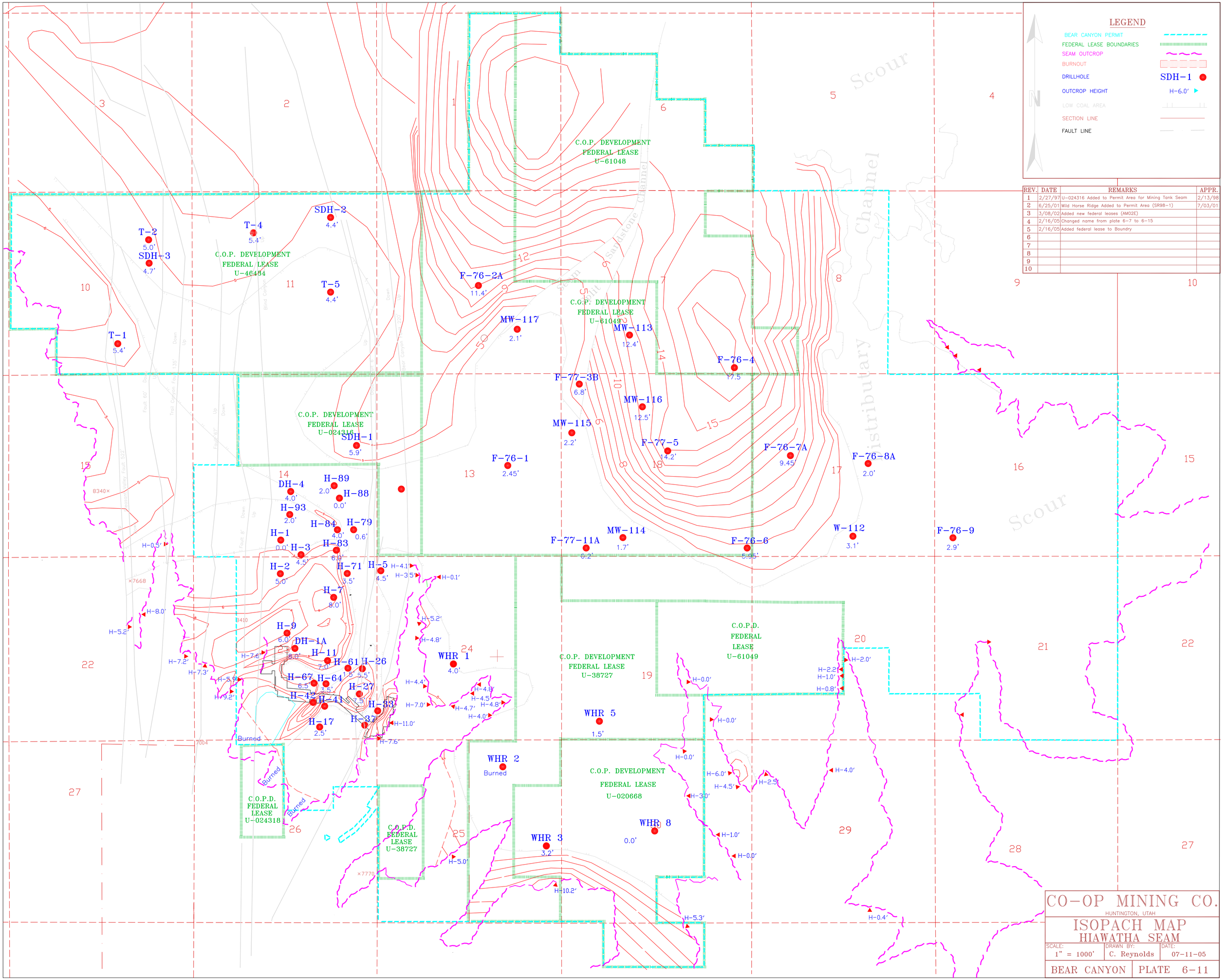
CO-OP MINING CO.
HUNTINGTON, UTAH

INTERBURDEN ISOPACH
BLIND CANYON - HIAWATHA SEAM

SCALE:	DRAWN BY:	DATE:
1" = 1000'	C. Reynolds	07-11-05

BEAR CANYON | PLATE 6-9


LEGEND
BEAR CANYON PERMIT
FEDERAL LEASE BOUNDARIES
SEAM OUTCROP
SECTION LINE
FAULT LINE
DRILLHOLE
SDH-1
OUTCROP HEIGHT
H-6.0'
N
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-61048
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-46484
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-61049
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-024316
C.O.P.D.
FEDERAL
LEASE
U-61049
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-38727
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-020668
C.O.P.D.
FEDERAL
LEASE
U-024318
C.O.P.D.
FEDERAL
LEASE
U-38727
SDH-2
1881.7'
T-4
1912'
T-2
1755'
SDH-3
1723.1'
T-5
1906'
T-1
1657'
F-76-2A
1729.3'
MW-117
1730'
MW-13
1656'
F-76-4
1640.2'
F-77-3B
1669.8'
MW-116
SDH-1
1825.9
F-77-5
1707.4'
F-76-7A
1611'
F-76-8A
1585.4'
F-76-1
1703.1'
MW-114
1696.1'
F-77-11-A
1648.5'
F-76-6
1639.35'
W-12
1469'
F-76-9
1538.8'
WHR 1
602.7'
WHR 5
1439'
WHR 2
Buried
WHR 8
1210'
WHR 3
636'
REV. DATE REMARKS APPR.
1 2/27/97 U-024316 Added to Permit Area for Mining Tank Seam 2/13/98
2 6/25/01 Wild Horse Ridge Added to Permit Area (SR98-1) 7/03/01
3 3/08/02 Added federal leases (AM01E)
4 2/16/05 Changed name from plate 6-6 to 6-14
5 2/16/05 Added federal lease To Boundry
CO-OP MINING CO.
HUNTINGTON, UTAH
OVERBURDEN MAP
HIAWATHA SEAM
SCALE: 1" = 1000'
DRAWN BY: C. Reynolds
DATE: 07-11-05
BEAR CANYON
PLATE 6-10



REV.	DATE	REMARKS	APPR.
1	2/27/97	U-024316 Added to Permit Area for Mining Tank Seam	2/13/98
2	6/25/01	Wild Horse Ridge Added to Permit Area (SR98-1)	7/03/01
3	3/08/02	Added new federal leases (AM02E)	
4	2/16/05	Changed name from plate 6-7 to 6-15	
5	2/16/05	Added federal lease to Boundry	
6			
7			
8			
9			
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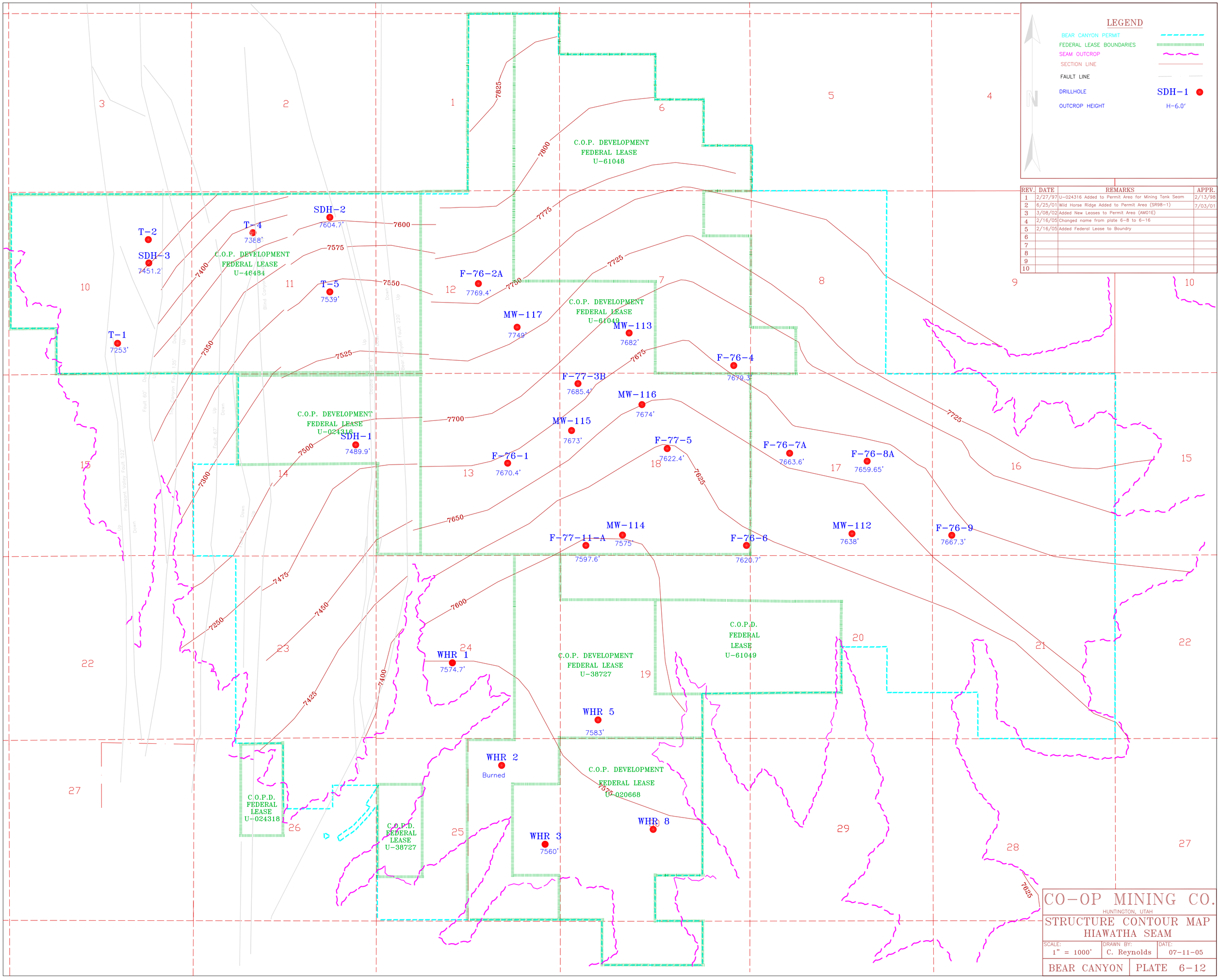
CO-OP MINING CO.

HUNTINGTON, UTAH

ISOPACH MAP
HIAWATHA SEAM

SCALE:	DRAWN BY:	DATE:
1" = 1000'	C. Reynolds	07-11-05

BEAR CANYON | PLATE 6-11



REV.	DATE	REMARKS	APPR.
1	2/27/97	U-024316 Added to Permit Area for Mining Tank Seam	2/13/98
2	6/25/01	Wild Horse Ridge Added to Permit Area (SR98-1)	7/03/01
3	3/08/02	Added New Leases to Permit Area (AM01E)	
4	2/16/05	Changed name from plate 6-8 to 6-16	
5	2/16/05	Added Federal Lease to Boundry	
6			
7			
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CO-OP MINING CO.

HUNTINGTON, UTAH

STRUCTURE CONTOUR MAP
HIAWATHA SEAM

SCALE:	DRAWN BY:	DATE:
1" = 1000'	C. Reynolds	07-11-05

BEAR CANYON | PLATE 6-12