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	8/16/04	Added all of lease U-38727 to permit	
4			
5			
6			
7			
8			
9			
10			

Blind Seam Merges With Hiawatha Seam

C.O.P. DEVELOPMENT
FEDERAL LEASE
U-61048

C.O.P. DEVELOPMENT
FEDERAL LEASE
U-46484

C.O.P. DEVELOPMENT
FEDERAL LEASE
U-61049

FEDERAL LEASE U-024316
320.00 acres
C.O.P. DEVELOPMENT
FEDERAL LEASE
U-024316

BEAR CANYON AREA
1,280.75 acres

WILD HORSE RIDGE ADDITION
1,358.43 acres

C.O.P. DEVELOPMENT
FEDERAL LEASE
U-38727

C.O.P. DEVELOPMENT
FEDERAL LEASE
U-020668

C.O.P.D.
FEDERAL
LEASE
U-024318-1

C.O.P.D.
FEDERAL
LEASE
U-38727

C.O.P.D.
FEDERAL
LEASE
U-61049

T-1
TANK – NONE
B.C. – 7245 (12.1')

T-2
TANK – NONE
B.C. – 7497 (7.5')

T-4
TANK – NONE
B.C. – 7430 (7.4')

T-5
TANK – 7925 (3.5')
B.C. – 7575 (5.7')

MW-117
TANK – 8033 (4.4')
B. C. – 7803.4 (3.5')

MW-113
TANK – 8035 (4.6')
B.C. – 7732.7 (6.9')

F-77-3B
TANK – 8025 (4.4')
B.C. – 7725 (2.0')

F-76-4
TANK – 7970 (3.9')
HW – 7679 (17.5')

MW-116

F-76-1
TANK – 8002 (3.7')
B.C. – 7720.1 (2.55')

F-77-5
TANK – 7952 (7.0')
HW – 7622 (14.2')

F-76-7A
TANK – 7966(8.5')
HW – 7659 (9.45')

F-76-8A
TANK – 7985 (2.2')
HW – 7664 (2.0')

TS-8
TANK – 7783 (9.0')
B.C. – 7527 (9.0')

TS-7
TANK – 7793 (8.0')
B.C. – 7549 (9.5')

TS-9
TANK – 7729 (8.0')
B.C. – 7485 (9.5')

TS-6
TANK – 7759 (6.0')
B.C. – 7534 (13.0')

TS-10
TANK – 7719 (8.0')
B.C. – 7495 (14.0')

MW-114

F-77-11-A
TANK – 7941 (7.0')
B.C. – 7627 (0.2')

F-76-6
TANK – 7950 (8.2')
HW – 7620.7 (5.95')

MW-112
TANK – 7962 (2.5')
HW – 7638 (3.1')

F-76-9
TANK – 8016 (5.4')
HW – 7667 (2.9')

WHR 1

WHR 2

WHR 3

WHR 5
TANK – 7859 (7.3')
B.C. – 7612 (6.5')

WHR 8
TANK – NONE
B.C. – 7551 (11.0')

U-31

T.16 S., R.7 E. R.8 E.

LEGEND

- BEAR CANYON PERMIT
- FEDERAL LEASE BOUNDARIES
- SECTION LINE
- COAL OUTCROP
- DRILLHOLE — T-1
- TANK SEAM — TANK – 7719 (8.0')
- BEAR CANYON SEAM — B.C. – 7495 (14.0')
- INTERBURDEN ISOPACH

N

LICENSED PROFESSIONAL ENGINEER
CHARLES REYNOLDS
No. 179670
STATE OF UTAH

RECEIVED
SEP 23 2004
DIV. OF OIL, GAS & MINING

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 6-9