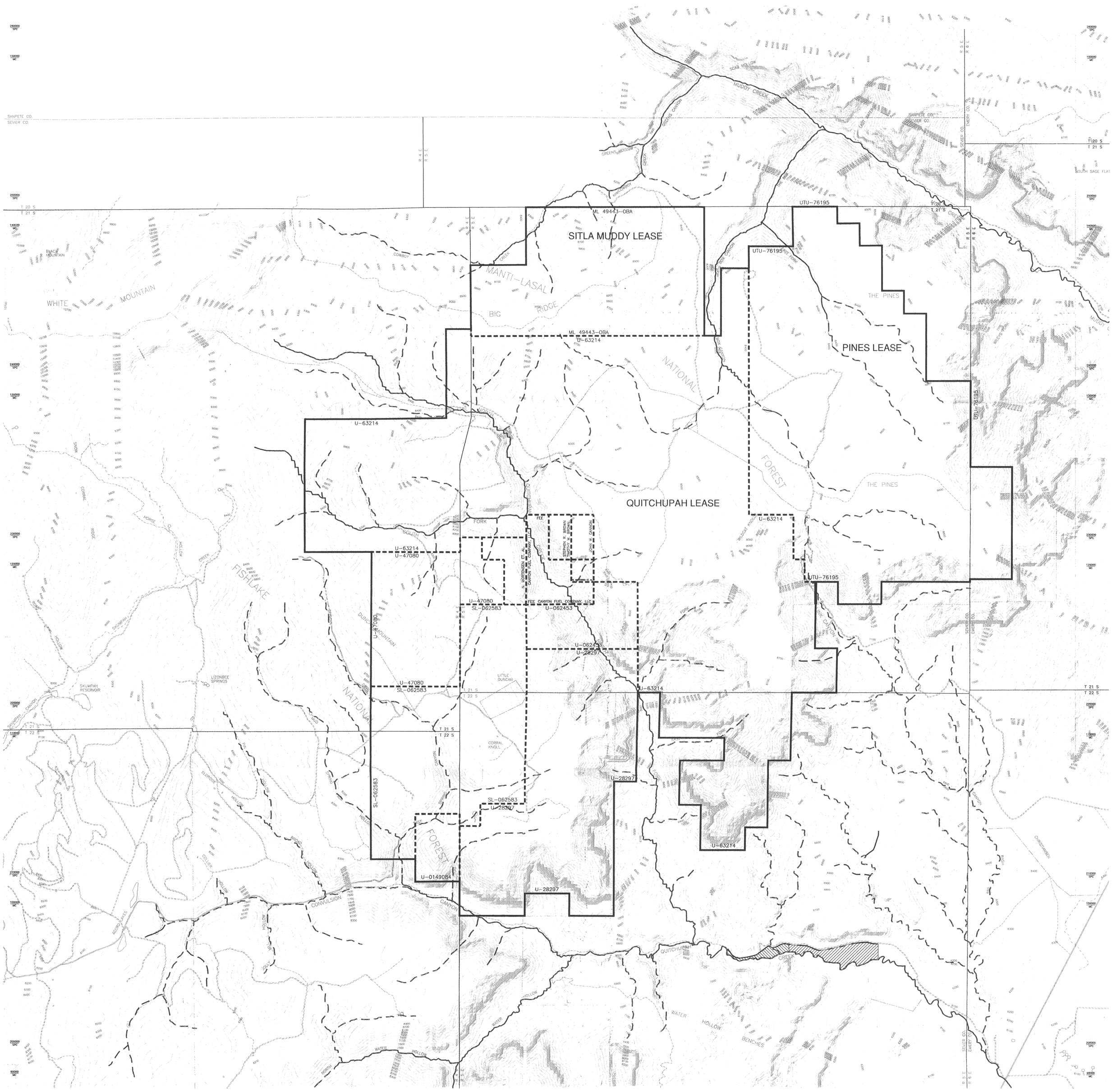

EXPLANATION

- SUFCO PROPERTY BOUNDARY
- SUFCO LEASE BOUNDARY
- MINE COORDINATES (100000 MC)
- STATE PLANE COORDINATES (2020000 SPC)
- EPHEMERAL OR INTERMITTANT FLOWS
- PERENNIAL FLOWS
- IRRIGATION DITCH
- POTENTIALLY FLOOD IRRIGATED
- FLOOD IRRIGATED

SOURCES:

1. QUITCHUPAH TRACT
   HYDROMETRICS, INC.
   SOUTHERN UTAH FUEL COMPANY'S
   HYDROLOGICAL RESPONSE TO OSM'S APPARENT
   COMPLETENESS REVIEW, NOV. 1, 1980
2. PINES TRACT
   MANTI-LA SAL NATIONAL FOREST-PINES TRACT PROJECT
   FINAL ENVIRONMENTAL IMPACT STATEMENT (FEIS)
   FIGURE 3-11 SPRINGS, SEEPS, AND RIPARIAN AREAS
   JANUARY 1999
   USDA FOREST SERVICE, REGION FOUR
   MANTI-LA SAL NATIONAL FOREST
   EMERY AND SEVIER COUNTIES, UTAH

REGISTERED PROFESSIONAL ENGINEER
4334504-2202
LOWELL BYARS
STATE OF UTAH
5-9-07

I CERTIFY THE ITEMS SHOWN ON THIS DRAWING ARE ACCURATE TO THE BEST OF MY KNOWLEDGE

2000 0 2000

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MAY 11 2007
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REVISIONS OR UP-DATES			DATE: DEC. 02, 1998	
NO.	DATE	BY	DESIGNED BY:	
1	FEB. 18, 1999	MLD	DRAWN BY:	ADD
2	MAR. 01, 2000	MLD	CHECKED BY:	MLD
3	MAY 8, 2007	MLD		
			SCALE: 1" = 2000'	

FILENAME: H:\DRAWINGS\MRP\PLATES\PLATE9-1v3.DWG

Canyon Fuel Company, LLC
SUFCO Mine

ALLUVIAL VALLEY FLOOR CHARACTERISTICS DETERMINATION

397 SOUTH 800 WEST
SALINA, UTAH 84654

DRAWING OR MAP NUMBER PLATE 9-1