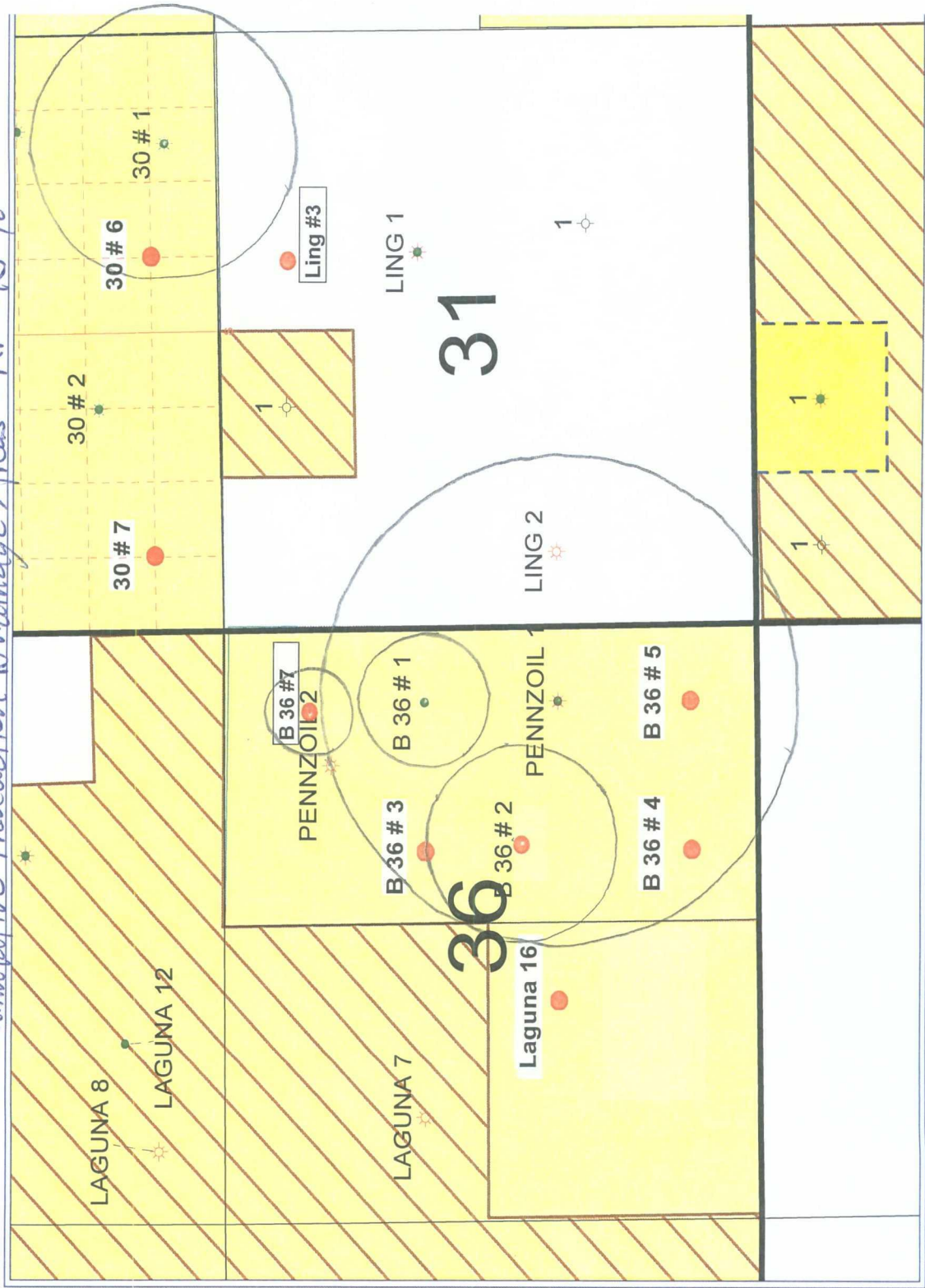
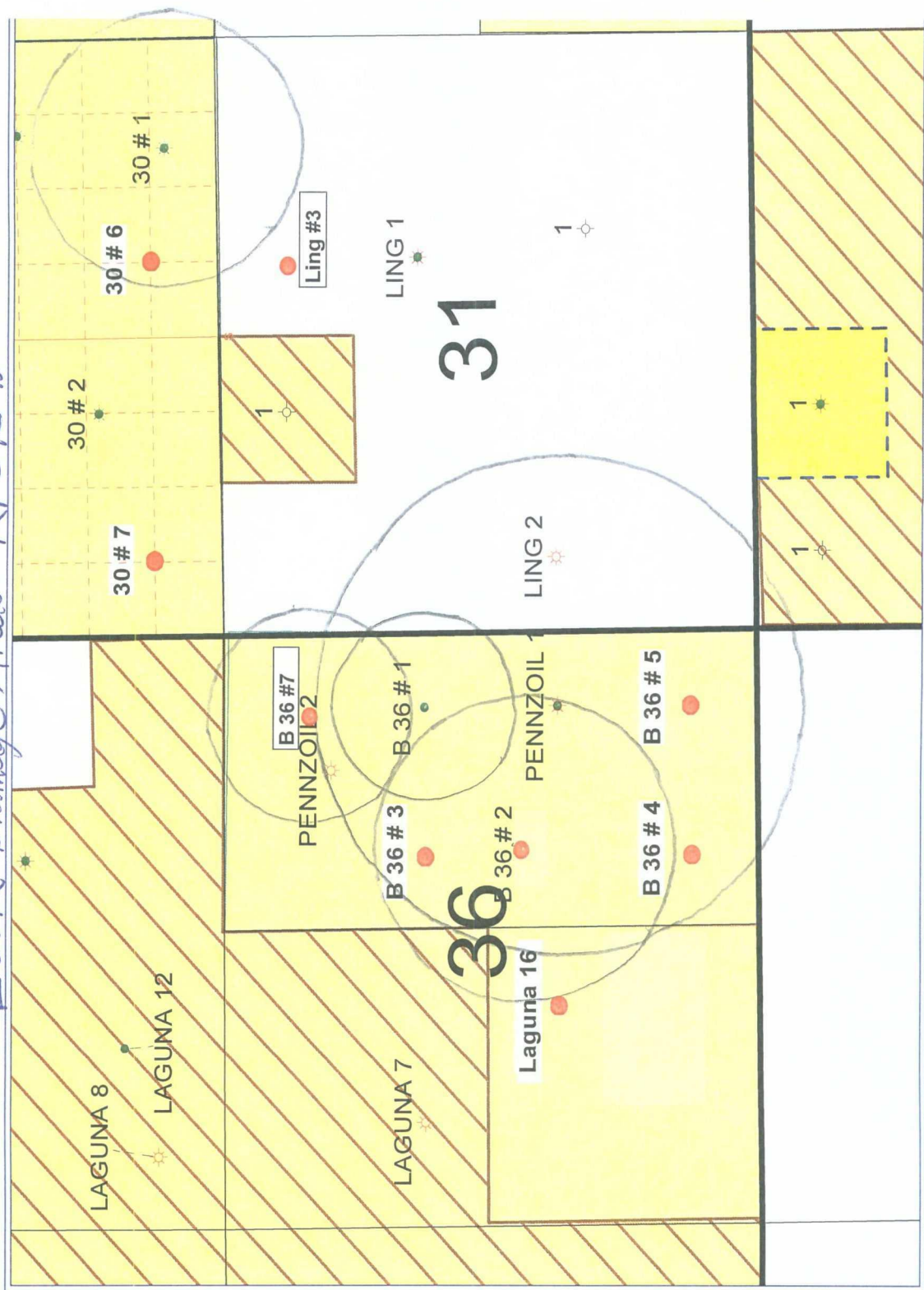


Cumulative Production Drainage Areas - RF = 15%



Oil Conservation Division
Case No. _____
Exhibit No. 23

EUR Drainage Areas - RF=15%



DRAINAGE AREA ESTIMATES - APACHE RIDGE BS FIELD

<u>Well</u>	<u>Cum Oil, bbl</u>	<u>EUR Oil, bbl</u>	<u>Total SoPhiH</u>	<u>CUM</u>		<u>EUR</u>	
				<u>Area,acr</u>	<u>Drng Radius,ft</u>	<u>Area,acres</u>	<u>Drng Radius,ft</u>
Penn 36 St Com #1	533,000	541,000	1.8986	374	2,277	379	2,294
Mescalero 30 #1	349,000	374,000	4.03688	115	1,263	123	1,308
Penn B 36 St #1	84,000	180,000	4.63232	24	579	52	847
Penn B 36 St #2	88,000	230,000	2.1012	56	879	146	1,422
Penn B 36 St #7	25,000	179,000	3.61125	9	358	66	957

DRAINAGE AREA ESTIMATES - APACHE RIDGE BS FIELD

<u>Well</u>	<u>Cum Oil, bbl</u>	<u>EUR Oil, bbl</u>	<u>Total SoPhiH</u>	<u>CUM</u>		<u>EUR</u>	
				<u>RF=20%</u>	<u>RF=20%</u>	<u>Area, acres</u>	<u>Drng Radius, ft</u>
Penn 36 St Com #1	533,000	541,000	1.8986	280	1,972	284	1,987
Mescalero 30 #1	349,000	374,000	4.03688	86	1,094	92	1,133
Penn B 36 St #1	84,000	180,000	4.63232	18	501	39	734
Penn B 36 St #2	88,000	230,000	2.1012	42	762	109	1,231
Penn B 36 St #7	25,000	179,000	3.61125	7	310	49	829