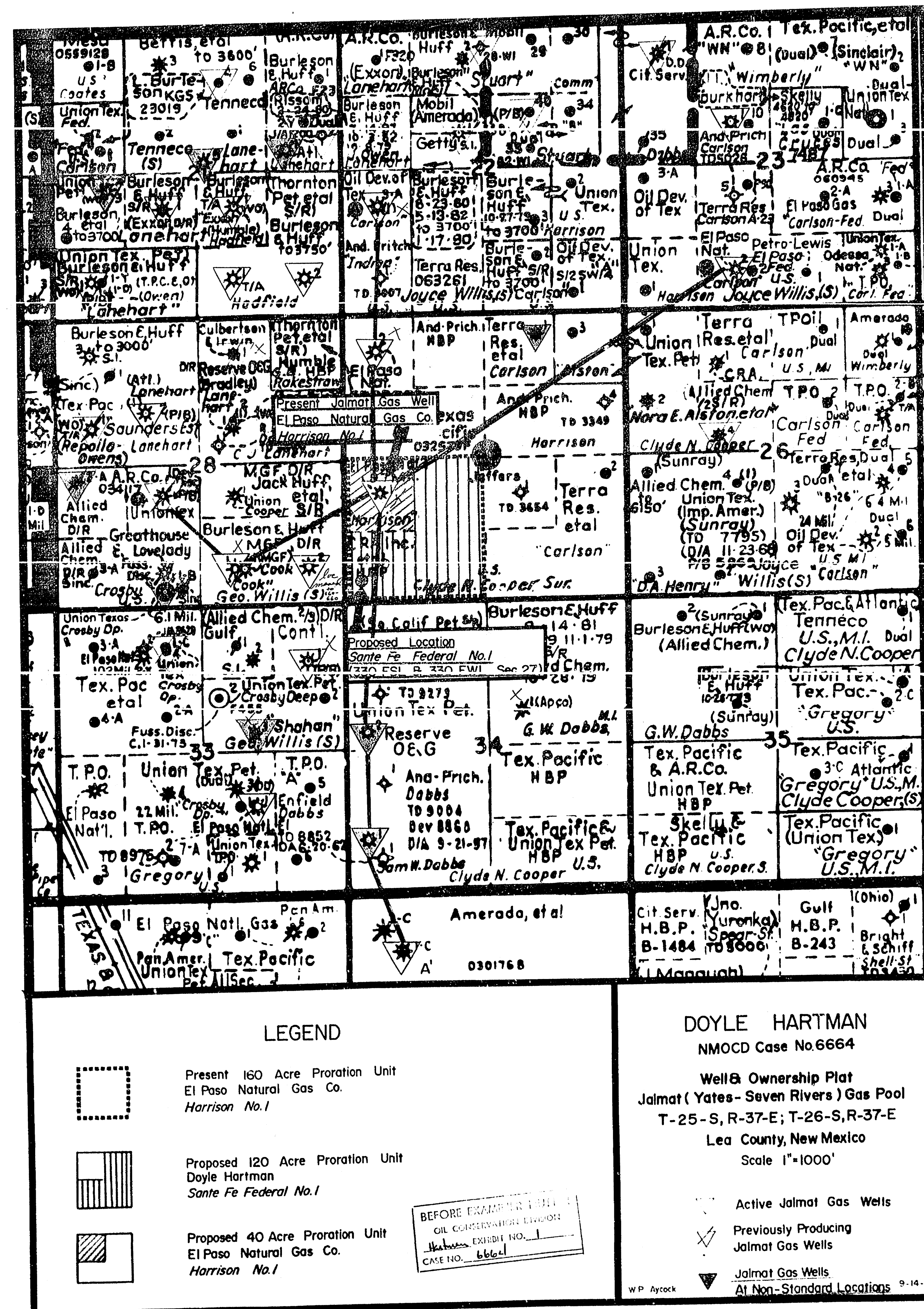
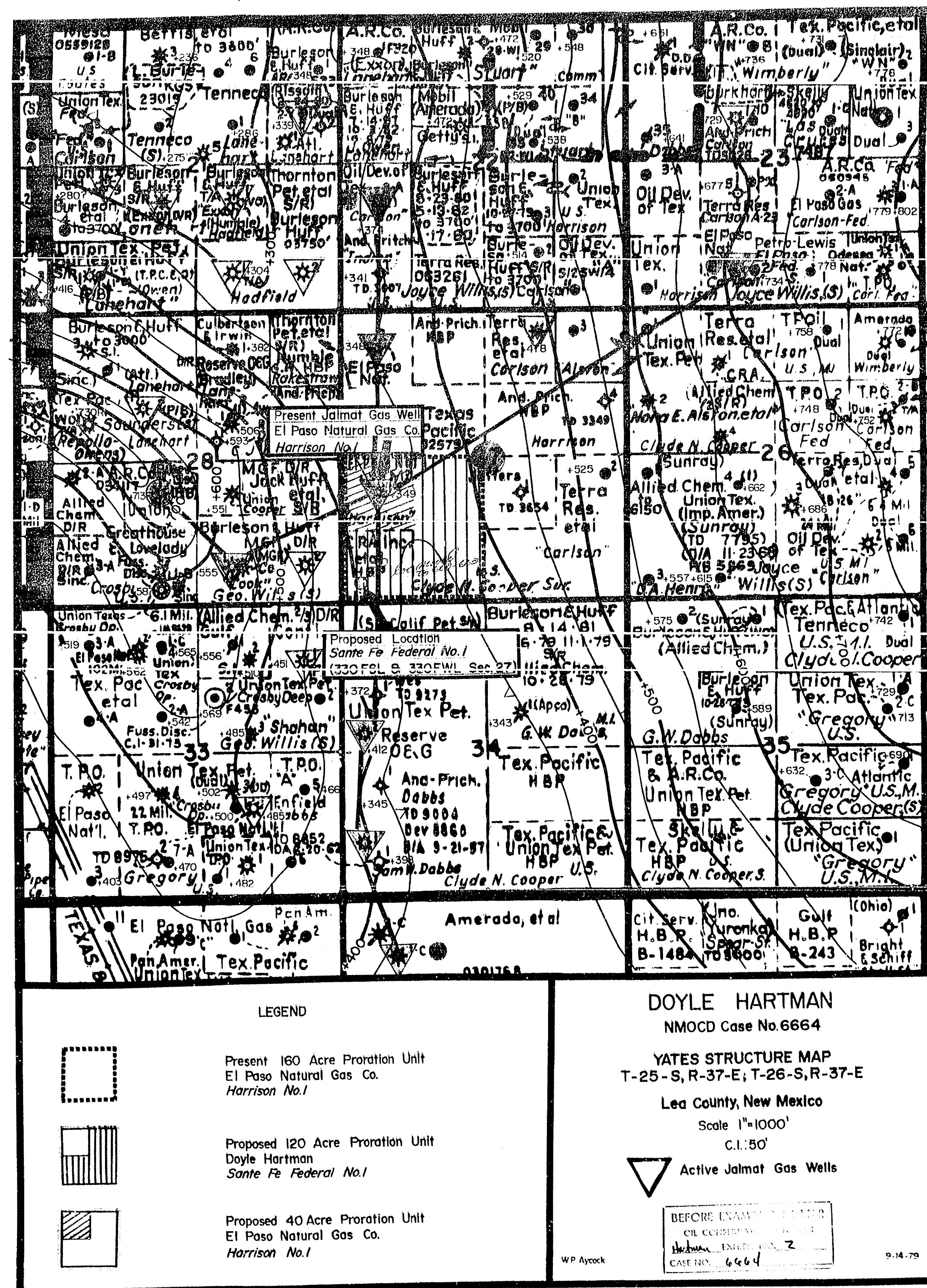


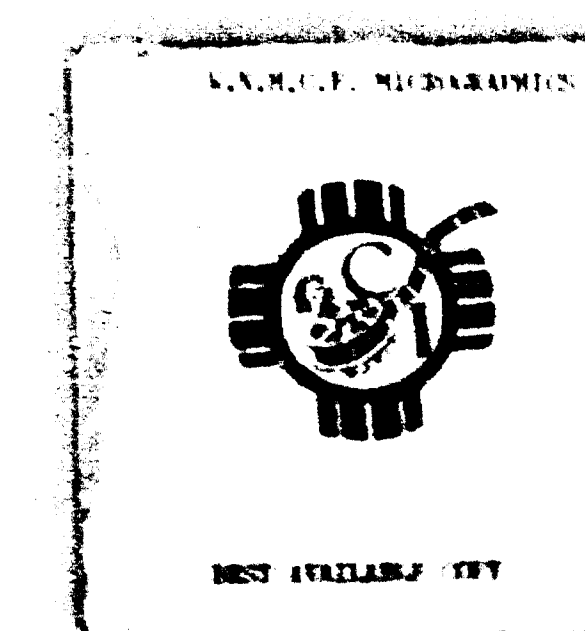
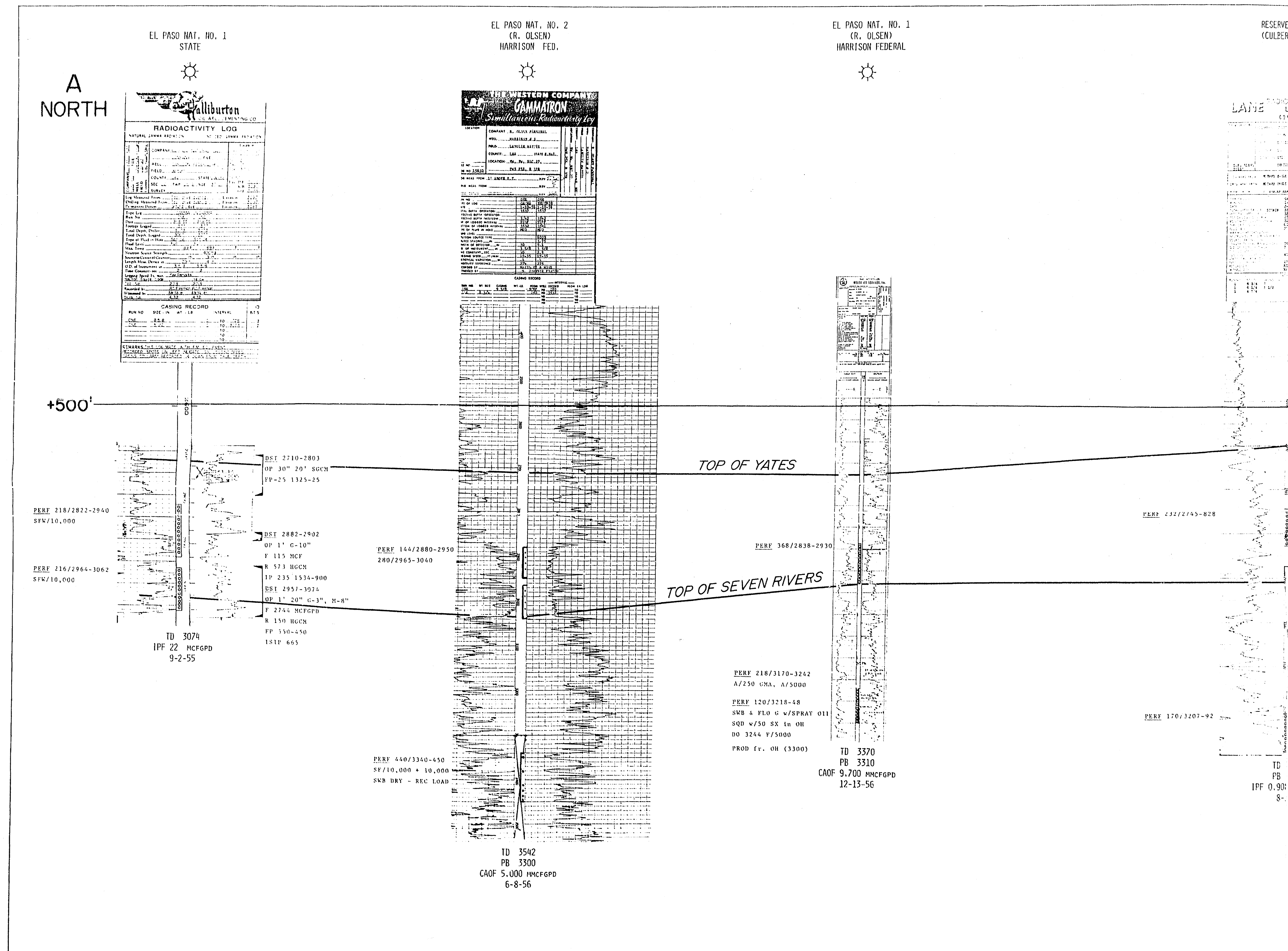
Case No.
6664

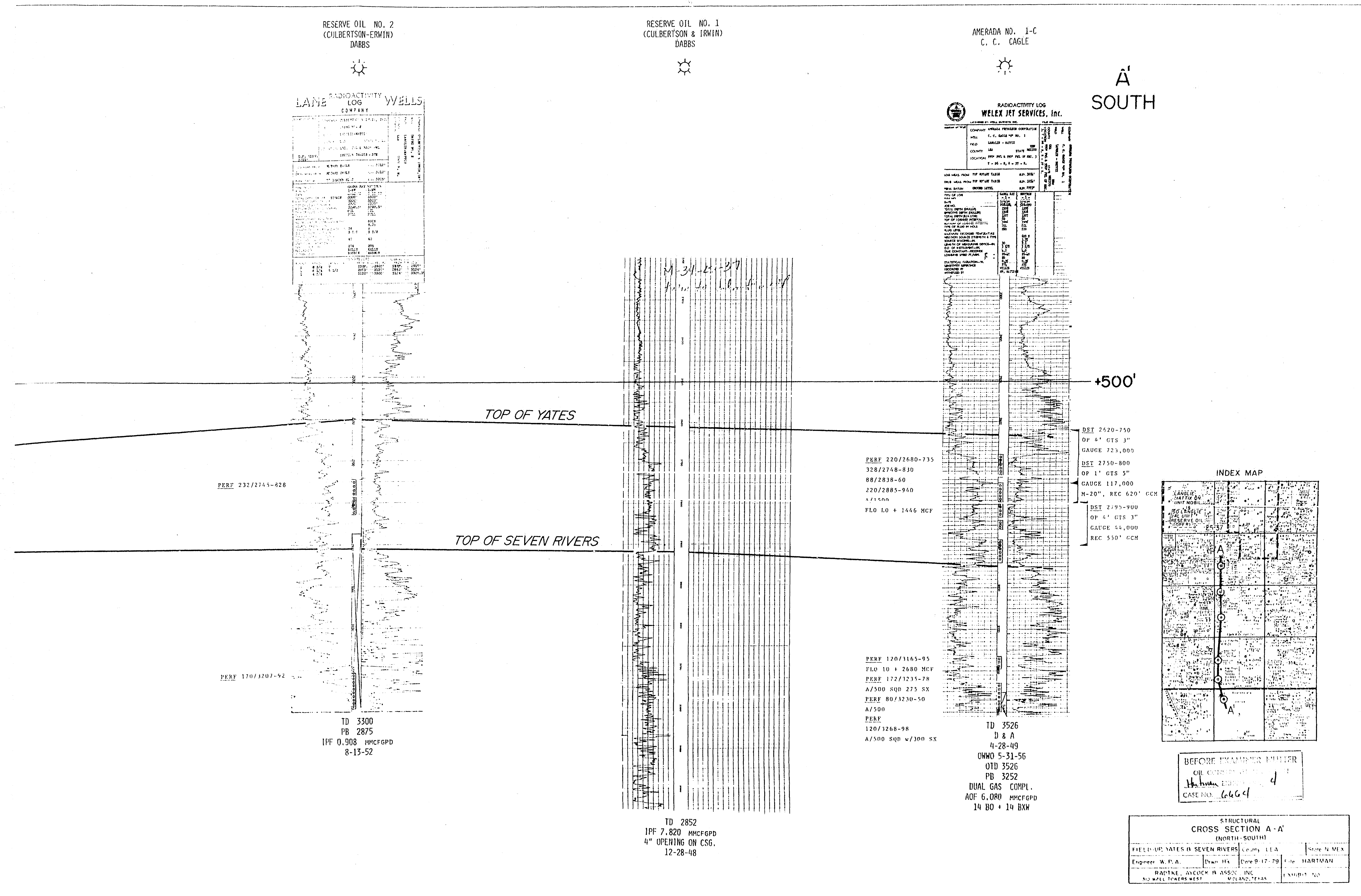
Large Exhibits

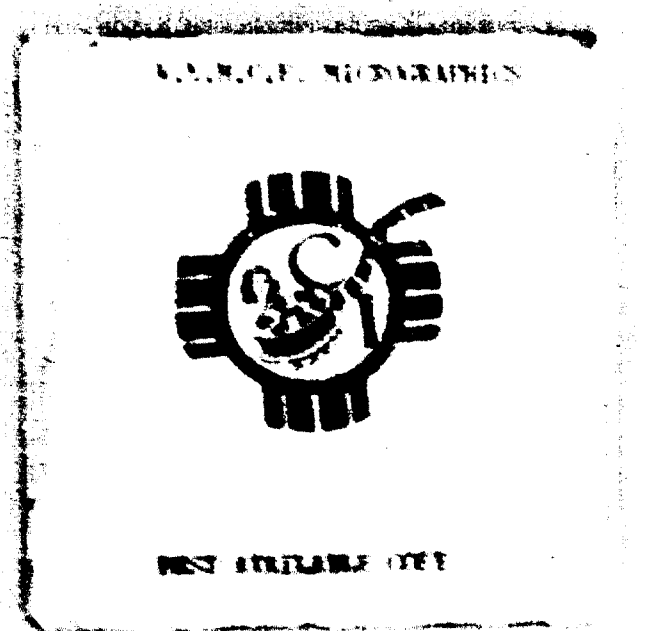
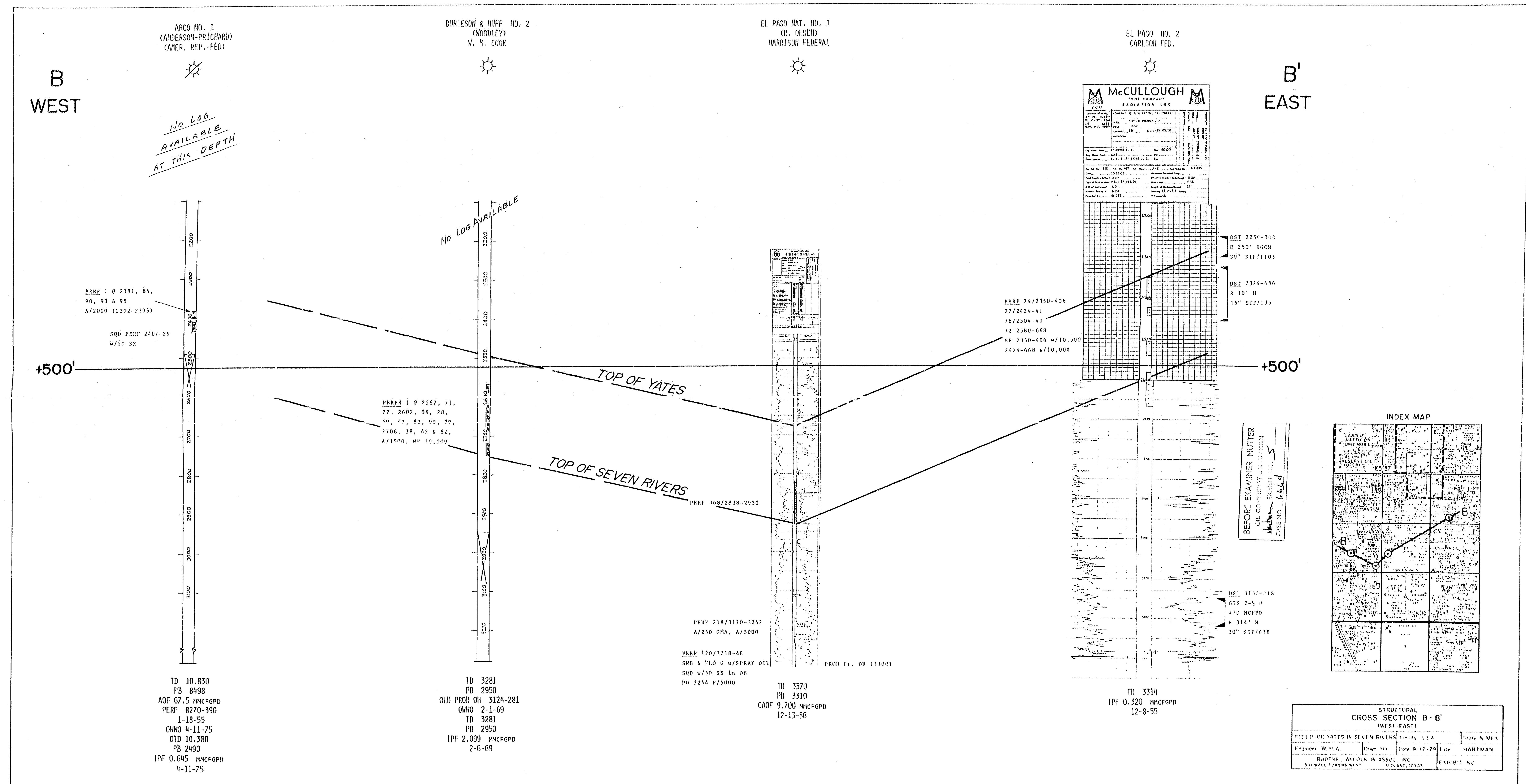












(5) That the evidence presented indicates that the proposed El Paso Harrison Well No. 1, has not and ~~cannot~~ ^{will not} effectively and efficiently drain the SW 1/4 of said Section 27, and that an additional well on the proration unit, as proposed by the applicant in this case is necessary to so drain the SW 1/4 of Section 27.

That whereas (6) That the evidence indicates the average natural gas flow in the vicinity of applicant's proposed well will produce approximately 1.464 million MCF, the aforesaid El Paso Harrison Well No. 1 ~~has~~ ^{will} be expected to produce 1.013 million MCF.

(7) That the difference between the average ~~well~~ ^{well} expected ultimate recovery and the El Paso Harrison Well No. 1's expected ultimate recovery, some .451 million MCF, ~~represent~~ ^{may represent} ~~the~~ ^{additional recovery gas} which will be gained by the drilling of applicant's proposed infill well, but which would otherwise not be recovered.

(8) That the applicant ^{and} proposes to drill the ~~infill~~ ^{infill} well at a standard location and that portion of the ~~area~~ ^{area} which ~~relates to a non-standard location~~ ^{relates to a non-standard location} ~~is hereby approved~~ ^{is hereby approved}.

IT IS THEREFORE ORDERED:
(1) That a 40-acre non-standard gas proration unit in the Jalnet Gas Pool comprising the NW 1/4 SW 1/4 of Section 27, Township 25 South, Range 37 East, NPM, Lea County, New Mexico, ~~is hereby established and dedicated to El Paso Natural Gas Company's~~ ^{is hereby established and dedicated to El Paso Natural Gas Company's} ~~unit, comprising the SW 1/4 and NW 1/4 of said~~ ^{unit, comprising the SW 1/4 and NW 1/4 of said} ~~Harrison Well No. 1 and also a 120-acre unit located in said~~ ^{Harrison Well No. 1 and also a 120-acre unit located in said} ~~Section 27 to be dedicated to a well to be drilled at a standard~~ ^{Section 27 to be dedicated to a well to be drilled at a standard} ~~location 660 feet from the south line and 660 feet from the west line of said~~ ^{location 660 feet from the south line and 660 feet from the west line of said} ~~Section 27 are hereby approved. The authorization~~ ^{Section 27 are hereby approved. The authorization} ~~for infill drilling granted by this order~~ ^{for infill drilling granted by this order} ~~is an exception to the~~ ^{is an exception to the} ~~existing well spacing requirements and~~ ^{existing well spacing requirements and} ~~that the drilling of said well is necessary to effectively and~~ ^{that the drilling of said well is necessary to effectively and} ~~efficiently drain that portion of an existing proration unit which~~ ^{efficiently drain that portion of an existing proration unit which} ~~cannot be so drained by the existing well, as hereby approved.~~ ^{cannot be so drained by the existing well, as hereby approved.}

(2) That that portion of the application relating to an ~~unstandard~~ ^{unstandard} location is hereby ~~dismissed~~ ^{dismissed}.

(3) Jurisdiction

DONE @



1464
1418
1451

SURVEY OF INDIVIDUAL WELL INFORMATION FOR WATTS HARTMAN
IN THE VICINITY OF THE PROPOSED WELL LOCATION
4 33rd Street, Section 27, Township 25-S, Range 37-E
JALISCO TOWN, LEA COUNTY, NEW MEXICO

Location of Well	El Paso NG Co. Harrison 1	El Paso NG Co. Harrison 2	Hutchinson & Burr W. R. Cook 1	Edwards, Inc. Shubert "53" 1	Reserve Oil C. L. Lohrman 1	Edwards, Inc. Shubert "53" 1	Edwards, Inc. Shubert "53" 1	El Paso NG Co. Carlson 1
Distance & Direction from Proposed Location	27(L)-258-37E 1600' SHE	27(H)-258-37E 4200' SHE	28(H)-258-37E 2900' SHE	33(A)-258-37E 2000' SW	28(H)-258-37E 4700' SHE	33(H)-258-37E 3500' SW	33(H)-258-37E 2600' SHE	22(L)-258-37E 6000' SHE
Completion Date	12-27-55	6-8-56	9-10-53	4-2-77	11-10-52	10-25-53	4-15-58	9-2-55
Init. Casing, NCF/day	-	5000	1150	180	810	500	360	220
Completion Interval	2858-2950	2880-3040	2506-2552	2502-2609	-	2512-2532	2675-2995	2822-2910
Est. Gas Prod., MCF @ 6-1-79	945,105	2,067,971	537,417	31,809	550,100	1,172,093	-	4,506,673
Volumetric Analysis Results								
Mean Eff. Pres., # Mils Vol.	18.7	25.4	25.9	23.7	-	19.0	15.1	19.2
Mean Casing, Visc., # Mils Vol.	24	20	20	20	-	23	23	23
Net Effective Pres., Feet	66	13	13	78	-	17	70	83
Official Gas-in-place, MCF/acre	27.8	47.1	8.0	16.2	-	7.6	29.6	37.0
Estimated OGIP, MRCF	1073	2137	1293	235	-	2282	-	4113
Est. Ult. Gas Recovery, MRCF	1013	2129	832	74	550	1172	-	1176
Est. Gas Rec. Factor, % OGIP	94.4	87.4	64.3	31.5	-	51.4	-	94.0
Est. Effect. Drainage Area, aca.	39	52	162	14	-	300	-	121
Reported Shut-In Wellhead Pressures, Year 1978 psia	121.2	123.2	223.2	333.2	-	-	-	71.2

