NOTICE

All drawings located at the end of the document.

AAG 4/21/96
4A10t 1F100

000061199

RMRS Rocky Mountain Remediation Services, L.L.C.
. . . protecting the environment

INTEROFFICE MEMORANDUM

DATE: April 16, 1996

TO: J. R. Cirillo, ER/EOM, Bldg T891B, X5876

FROM: W. R. Belcher, ER Geosciences, Bldg. T893B, X3678

SUBJECT: OPERABLE UNIT 31 (OU1) QUARTERLY REPORT SUPPORT DOE/RFFO (KH00003NS1A) - WRB-002-96

Action: None required

This letter transmits the maps and tables required for the OU 1 Operations Quarterly Report. Wayne R. Belcher completed the water level map for the first quarter of 1996 and a table for the report. Two copies of the maps and one copy of the table (2 pages) are attached.

In addition to the 16 wells removed from the monitoring program at the beginning of Fiscal Year 1996, 12 fewer wells were used to construct this map. These 12 wells were not measured for quarterly water levels for this quarter. This oversight has been corrected and these wells should be measured for second quarter 1996.

For your information, well 39991 has been abandoned. This well was one of 16 wells required to be monitored by the French Drain Performance Monitoring Plan.

WRB:cb

Attachments:
As stated

cc:
W. M. Katz
J. E. Law - (w/o attachments)
T. P. Lovseth - (w/o attachments)
RMRS Records (2)

ADMIN RECORD

V5

Operable Unit 1 Quarterly Ground Water Elevations
Upper Hydrostratigraphic Unit
January 1996 to March 1996

Well	Date	Easting (ft)	Northing (ft)	Ground Surface Elevation (ft)	Top of Casing (ft)	Depth to Water (ft)	Water Level Elevation (ft)	
6186	01/08/96	2083717.40	749198.20	5999.47	6000.60	9.44	5991.16	
6386	01/10/96	2085753.10	748144.50	5901.09	5902.01	15.17	5886.84	
6486	01/04/96	2085610.00	747672.30	5839.06	5841.05	7.11	5833.94	
6886	01/04/96	2083581.50	747154.30	5887.97	5890.49	3.63	5886.86	
0187	NM	2083652.90	748127.30	5992.49	5994.08	---	---	
0487	01/08/96	2084886.80	747943.10	5910.12	5911.58	12.12	5899.46	
4387	NM	2084787.90	748029.50	5925.06	5926.41	---	---	
4787	01/08/96	2084902.60	747778.60	5882.76	5884.64	DRY	---	
4887	01/08/96	2084691.40	747829.40	5909.67	5911.41	12.02	5899.39	*
5287	NM	2084066.70	748145.10	5967.85	5969.57	---	---	
5387	01/08/96	2083912.00	747985.00	5959.99	5961.81	6.02	5955.79	
5587	01/04/96	2084918.80	747619.20	5858.08	5854.73	8.72	5846.01	*
31491	01/08/96	2084648.52	747749.22	5902.58	5905.03	23.29	5881.74	*
31791	01/04/96	2084275.99	747424.74	5877.06	5879.80	13.58	5866.22	*
33691	NM	2084994.48	748111.69	5926.99	5929.24	---	---	
33891	NM	2084640.65	747960.62	5927.54	5929.94	---	---	
34791	NM	2085521.16	748376.51	5951.39	5953.91	---	---	
35691	01/08/96	2084005.36	747796.96	5938.76	5941.36	18.67	5922.69	
36391	NM	2084293.96	748042.11	5964.57	5967.01	---	---	
37191	NM	2084533.46	748036.41	5945.91	5948.29	---	---	

Notes:

* = water level below top of bedrock

NM = not measured this quarter (but previously measured).

2

Operable Unit 1 Quarterly Ground Water Elevations
Upper Hydrostratigraphic Unit
January 1996 to March 1996

Well	Date	Easting (ft)	Northing (ft)	Ground Surface Elevation (ft)	Top of Casing (ft)	Depth to Water (ft)	Water Level Elevation (ft)	
37591	NM	2084610.43	748579.72	5991.42	5993.45	---	---	
37791	01/08/96	2083753.42	748591.77	6002.16	6004.18	19.40	5984.78	
38191	NM	2084765.21	748013.80	5924.47	5926.40	---	---	
38291	NM	2084801.07	748031.51	5924.49	5926.71	---	---	
38591	01/04/96	2084658.88	747407.90	5864.72	5866.62	8.69	5857.93	
38891	NM	2085051.12	747830.45	5891.26	5893.24	---	---	
45391	01/08/96	2084847.38	747791.16	5891.17	5894.24	DRY	---	
10092	01/08/96	2085296.16	747942.19	5898.42	5900.47	22.48	5877.99	*
10192	01/08/96	2084095.85	747687.01	5922.66	5924.30	DRY	---	
10392	01/04/96	2083820.30	747677.47	5930.23	3932.05	DRY	---	
10592	01/08/96	2083724.79	747715.76	5936.14	5937.93	23.68	5914.25	
10692	01/08/96	2083637.56	747744.86	5941.50	5943.60	7.52	5936.08	
10992	01/08/96	2084779.55	747774.61	5896.85	5898.56	31.03	5867.53	*
11092	01/08/96	2085079.26	747842.09	5893.33	5895.31	22.42	5872.89	*

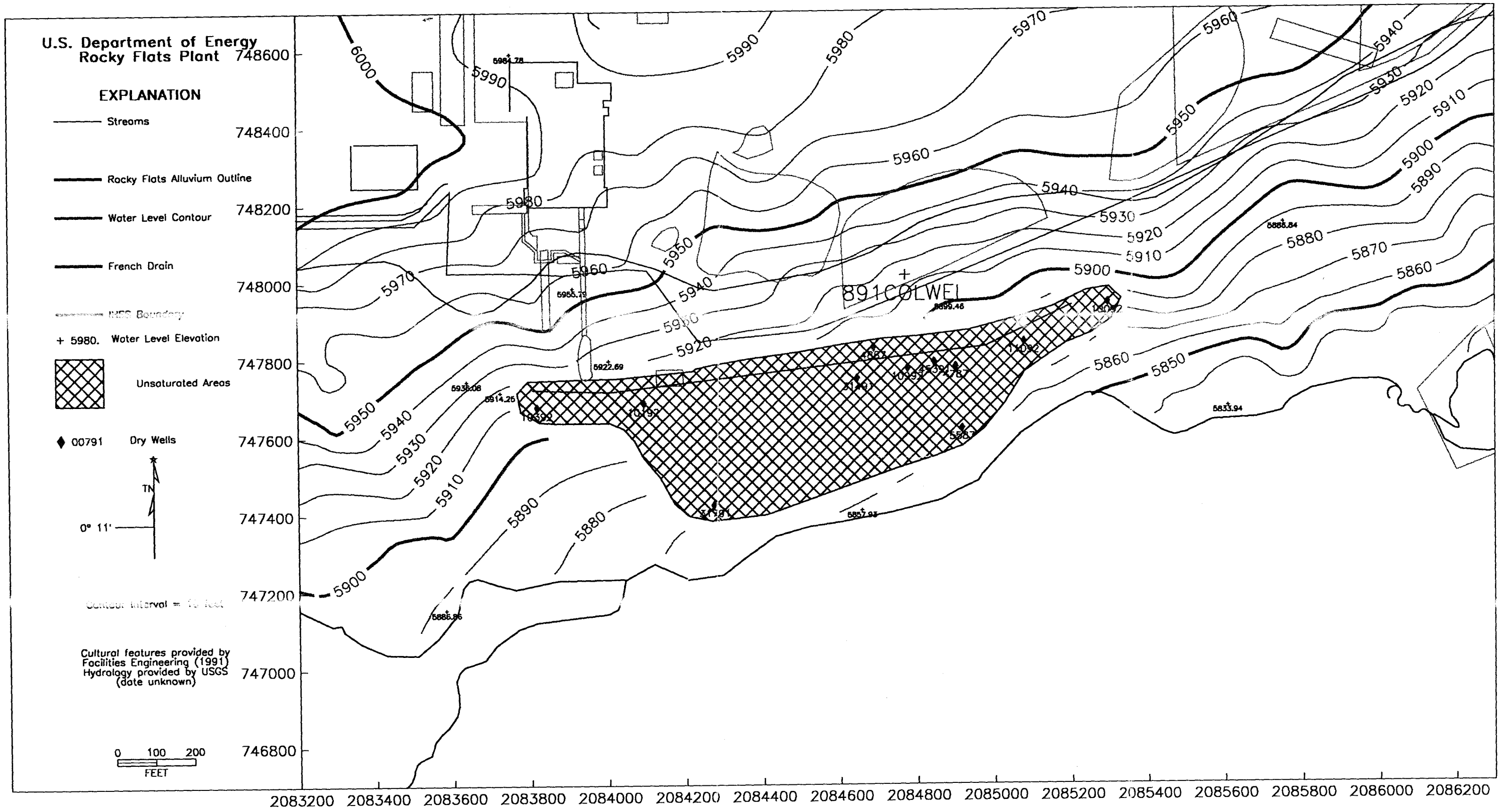
Notes:

* = water level below top of bedrock

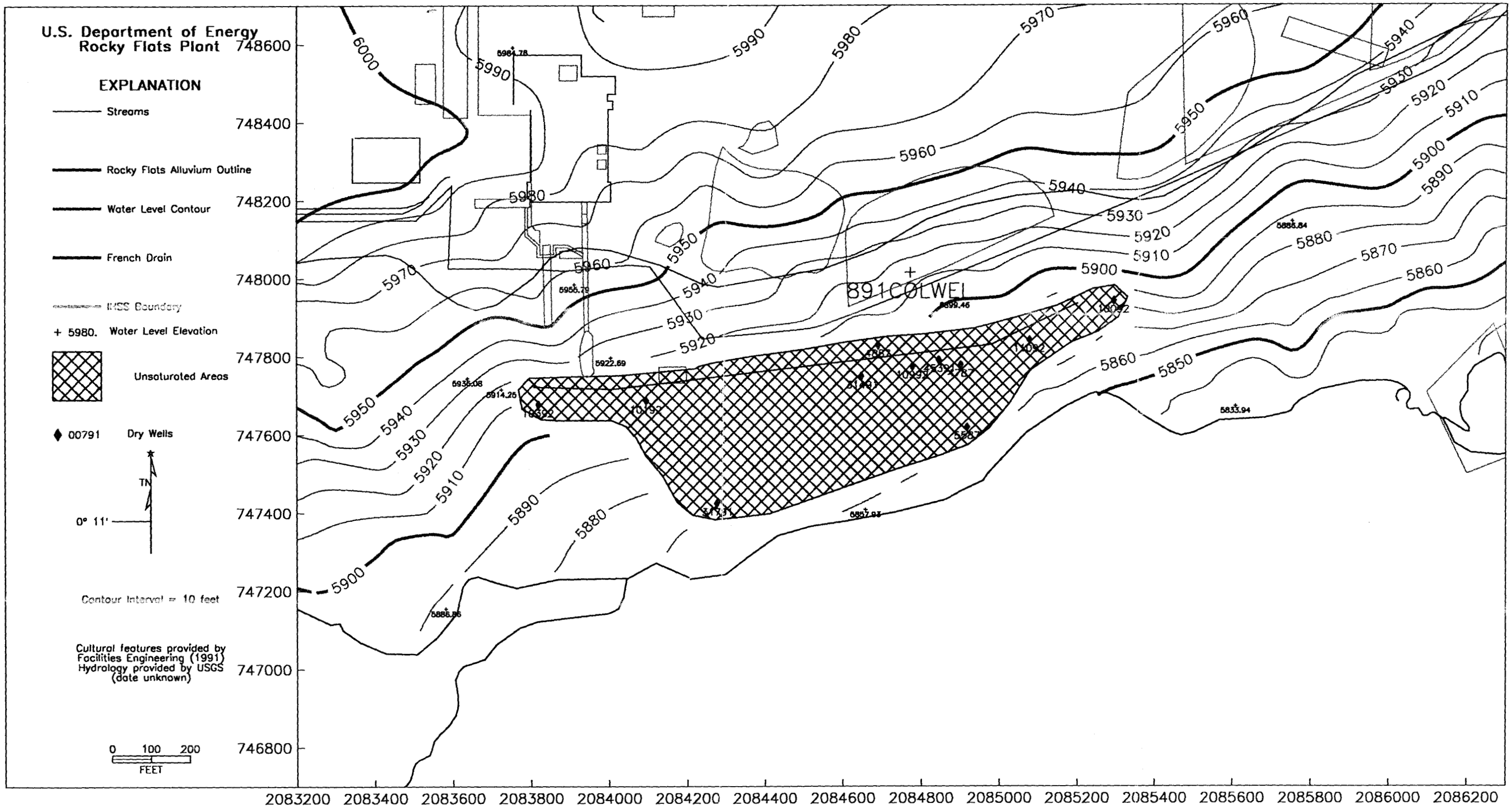
NM = not measured this quarter (but previously measured).

3

RFETS 881 Hillside January – March 1996 Water Level Map



RFETS 881 Hillside January – March 1996 Water Level Map



5/5