

## MERRION OIL &amp; GAS CORPORATION

610 REILLY AVE. • P. O. Box 840

FARMINGTON, NEW MEXICO 87499

MAR 2 PM 3 20

March 1, 1990

Mr. Mike Stogner  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Case 9880

RE: C-108 Injection Permit Application  
Papers Wash Field  
Navajo Allotted 15-3  
Section 15, T19N, R5W  
McKinley County, New Mexico

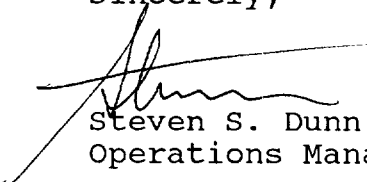
Dear Mr. Stogner:

As you know, we are planning on converting the Navajo Allotted 15-3 to injection to initiate a secondary recovery waterflood in the Entrada formation. A Cooperative Agreement has already been formed for a secondary recovery project. Attached is a Form C-108 for the proposed conversion.

We are on the State Docket to propose the waterflood on March 7, 1990. By that date, we should have submitted the EPA application for the conversion to injection.

If additional information is required, please contact Mr. George Sharpe at (505) 327-9801.

Sincerely,



Steven S. Dunn  
Operations Manager

GFS/eg

CC: Well File  
Ken Townsend-BLM, Farmington, NM  
Ron Van Wyk-EPA, Dallas, Texas  
Frank Chavez-NMOCD, Aztec, NM  
Ervin Peshlakai-BIA, Window Rock, Az  
Frank Welker-Chase Oil, Albuquerque, NM  
Pat Hegarty

## MERRION OIL &amp; GAS CORPORATION

610 REILLY AVE. • P. O. Box 840

FARMINGTON, NEW MEXICO 87499

DIVISION

'90 MAR 15 AM 8 49

March 13, 1990

David Catanach  
NMOCD  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Waterflood Proposal  
Navajo Allotted 15-3  
Sec. 15, T19N, R5W  
Papers Wash Entrada Field

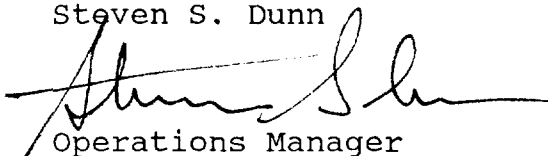
Dear Mr. Catanach:

As you requested at the 3/7/90 hearing on the subject waterflood proposal, attached is an updated wellbore schematic for the Federal 15-2H horizontal well. Also attached are the green certified mail return slips which show proof of notice of the waterflood. Please contact Mr. George Sharpe at 505-327-9801 if additional information is required.

We understand that this waterflood proposal will appear again on the 3/21/90 Docket to satisfy the 20 day notification requirement. Since the case has already been heard and since we do not anticipate any objections, we do not plan on sending an engineer to the second hearing. If you have additional technical questions or if you are aware of any objections, please notify us so that we might attend the hearing.

We appreciate your consideration in this matter.

Steven S. Dunn

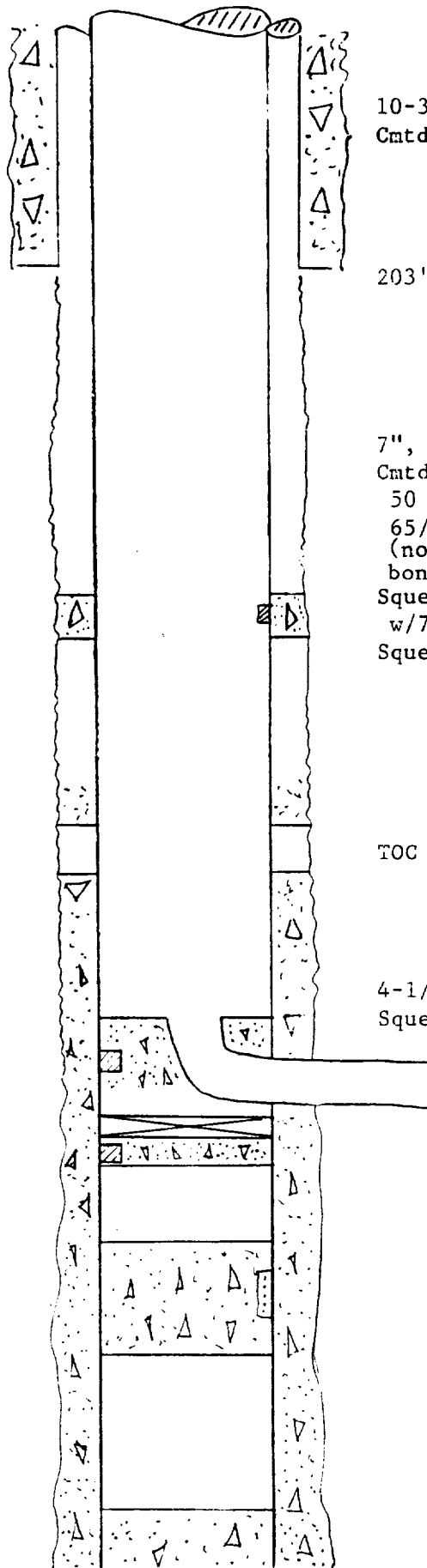
  
Operations Manager

GFS:ks

cc: Tommy Roberts  
Well File

FEDERAL 15 NO. 2  
 PAPERS WASH FIELD  
 1910' FNL & 990' FWL  
 Section 15, T19N, R5W  
 McKinley County, New Mexico

ELEVATION: 6604' GL  
 6616' KB



10-3/4", 32.75#, H-40 surface csg.  
 Cmtd with 200 sx Class "B".

203'

7", 23#, K-55 production csg.  
 Cmtd 1st Stage w/228 sx 65/35 Poz,  
 50 sx Class "B", 2nd Stage w/305 sx  
 65/35 Poz, 100 sx Class "A".  
 (no circulation) (no cement on  
 bond log)  
 Squeeze leaky csg 1930'-2020'  
 w/75 sx  
 Squeeze perms 1954-1956' w/50 sx

DV Tool at 2785' KB

TOC at 3290'

4-1/2", 11.6#, K-55 liner @ 4568'  
 Squeeze cmt liner top w/50 sx

Cement circ with 35 sx.  
 Perfs at 4610' and 4665'  
 CICR at 4660'

Milled window 4637'-4639'  
 to kick off horizontal well.

Cement plug 5000'-5195'  
 with 50 sx

ENTRADA PERFS:  
 5184'-92' (2 JSPF)

PBTD: 5370'

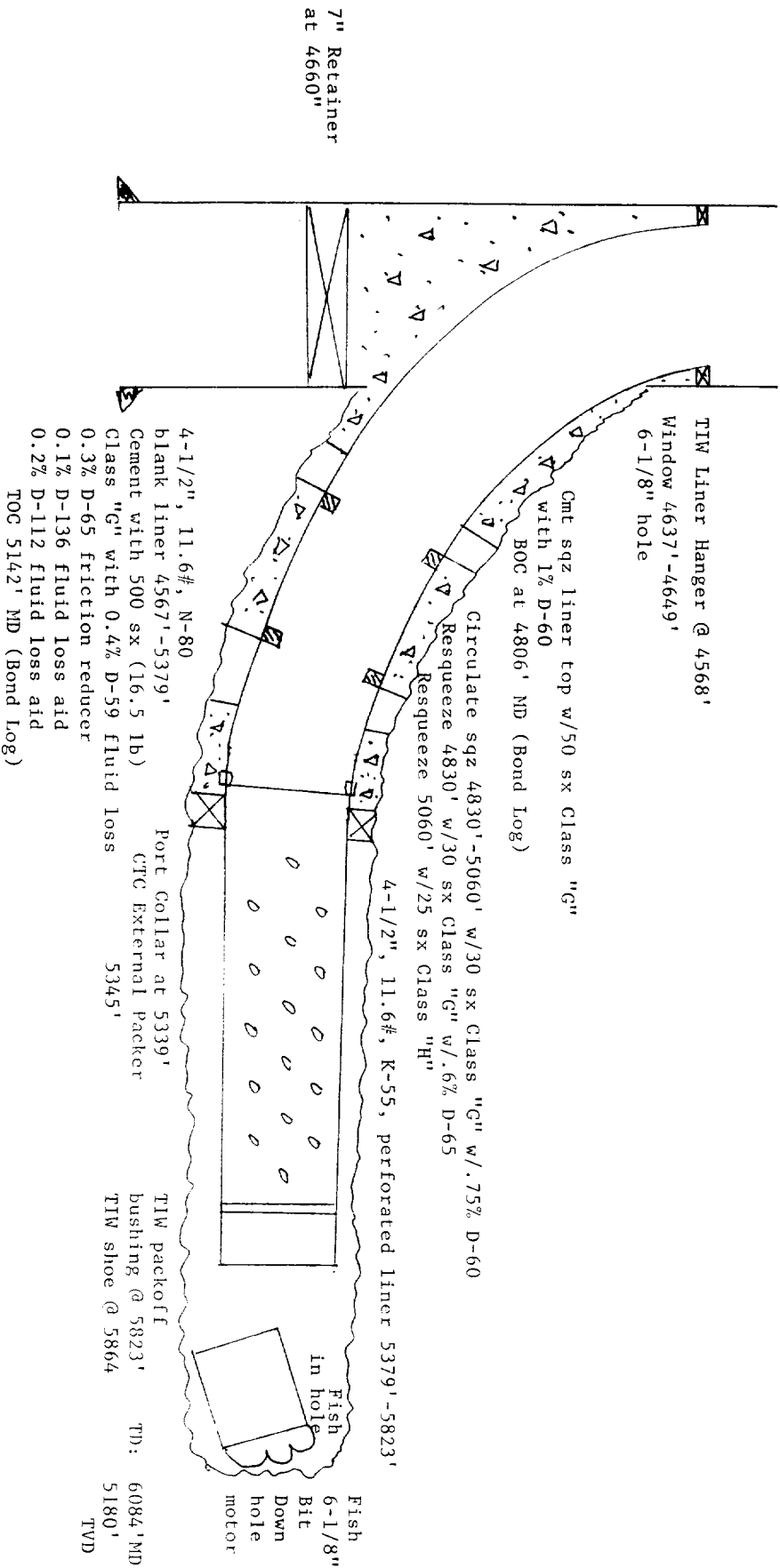
TD: 5428'

Federal 15-2H  
Horizontal Redrill  
Wellbore Schematic

GFS 3-12-90

See Federal 15-2 Schematic  
For Straight Hole  
Casing Details

KB: 6614'  
GL: 6604'  
1910' FNL & 990' FWL  
Section 15, T19N, R5W  
McKinley County, New Mexico





MERRION OIL & GAS CORPORATION

610 REILLY AVE. • P. O. BOX 840  
FARMINGTON, NEW MEXICO 87400

P.1

TELECOPY TRANSMITTAL

Date: 2-9-90

The following 1 pages are for: Mike Stiguer  
Firm Name: Oil Conservation Commission  
City, State: Albuquerque, N.M.  
Telecopy Number: 505-827-5741  
From: Steven L. Munoz

Merrion Oil & Gas Corporation  
FAX Number: (505) 326-5900

MERRION OIL & GAS CORPORATION

610 REILLY AVE. • P. O. BOX 840  
FARMINGTON, NEW MEXICO 87499

FAXED 2/9/90

February 8, 1990

New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attn: Mr. Mike Stogner

RE: Proposed Waterflood  
Papers Wash Entrada Field  
T19N R5W  
McKinley County, New Mexico

9880

*Section 15*

Dear Mr. Stogner:

We are proposing to waterflood the Entrada Reservoir in the Papers Wash Field and request that you put us on the State Docket at your earliest convenience. Our plan is to inject produced water into the Navajo 15-3 and sweep oil towards the Navajo 15-4 and Federal 15-1. Within the next year to two years we plan to convert the Navajo 15-1 to injection and sweep water towards the Federal 15-1 horizontal well.

If you have any questions, please contact George Sharpe at (505) 327-9801.

Sincerely,

  
S. S. Dunn  
Operations Manager

CC: Tommy Roberts  
J. Gregory Merrion  
Pat Hegarty  
Pitco