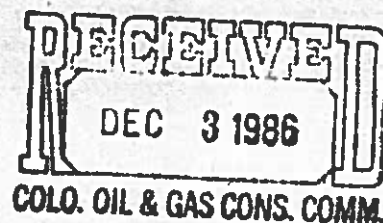




Diversified
Resources
Limited



December 2, 1986

REVISED NTL-2B

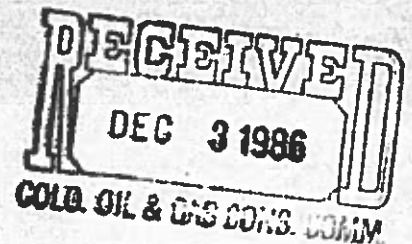
Bureau of Land Management
3080 East Main Street
Canon City, Colorado 81212
Attn: Mr. Donnie Sparks

Dear Mr Sparks:

This letter and attached NTL-2B are plans to have the C-29691-Acq. lease placed back into production. The proposed pit enlargement and lining will be done in the following sequence.

- A) Roughly 287 feet of new BLM fencing will be required to enclose the new enlarged pit (see page 4 of 5 of attachments).
- B) The original pit, accurately measured at 25' X 26' X 9', will be lined and a 2" steel line pipe leak detection system installed with a plug valve on the riser. The pit liner will be a 12 mil X 12 mil woven polyethylene material with the attached material specifications (see page 5 of 5 attachments). The pit liner will be ultraviolet resistant with a conservative life expectancy of 15 years.
- C) The new pit, 25' X 165' X 9', will be constructed as shown in page 2 of 4 attachments through page 4 of 5 attachments. It will also be lined with the same material and a 2" steel line pipe detection system installed as shown. The pit liner sales representative stated that vertical sides on the pit would pose no problem. Pit liner wear is due to not properly anchoring the liner around the perimeter and not weighting the liner on the bottom of the pit. The recommended anchoring is shown in page 3 of 5 attachments.
- D) The new pit will be fenced completely but have no overhead enclosure. All oil is currently caught in the 3 section 6' X 10' concrete skim pit. A second containment will be the original pit. The enlarged, new pit will not have oil in it. The original pit will be connected to the new pit via a 4-1/2" casing equalizer tube, 4 feet below the water surface.

Bureau of Land Management
December 2, 1986
Page 2



Hopefully, the system proposed will satisfy all of BLM's NTL-2B requirements for this lease. I request that you review and approve this plan quickly. The lease is shut in, the treater is filled with water, and delays in approval may cause freezing and resultant, irreparable damage to the separator and treater. I am receiving bids on the construction and would like to commence construction no later than December 8, 1986.

Sincerely,

A handwritten signature in cursive script, appearing to read "Terry J. Cammon".

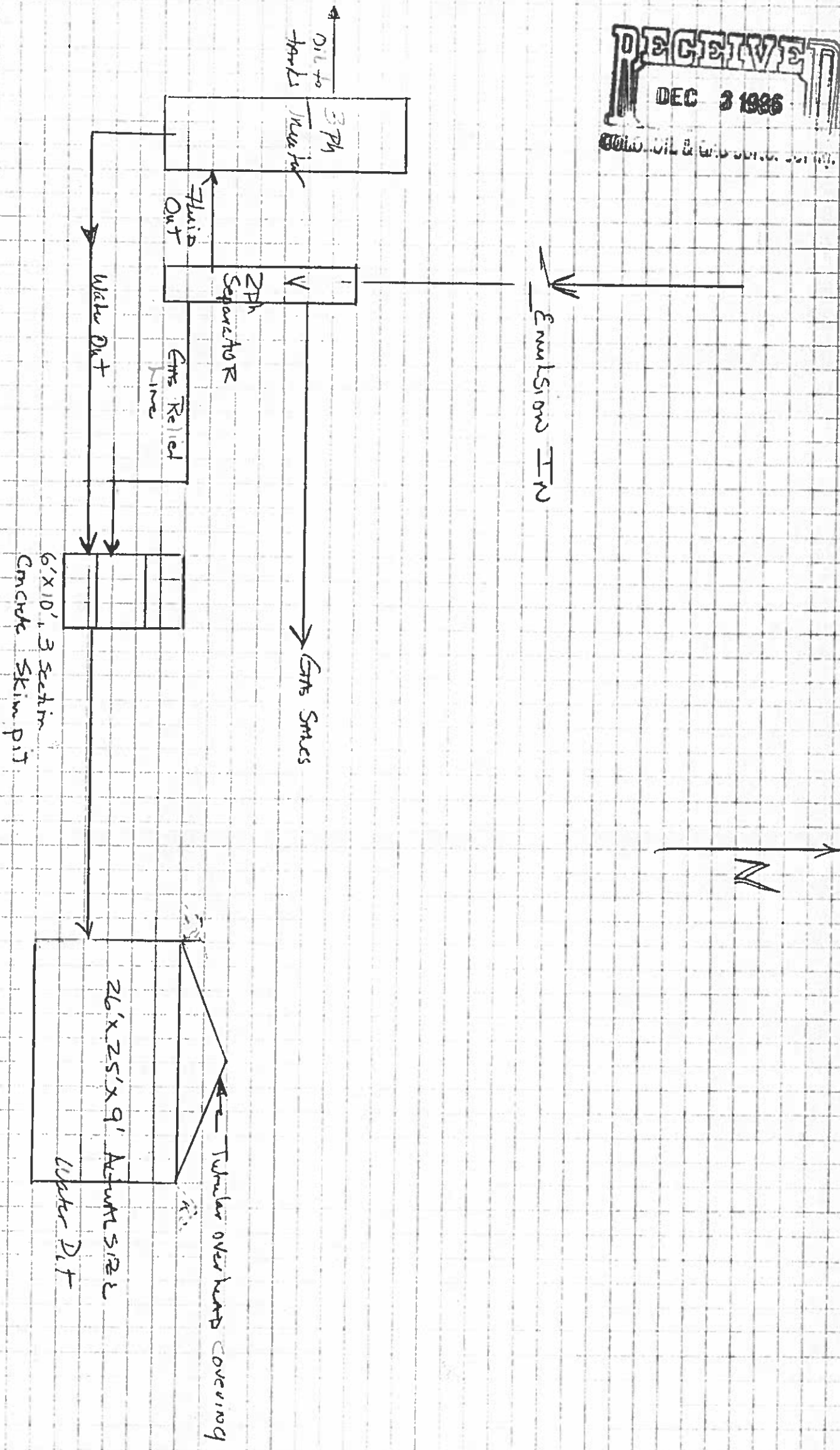
Terry J. Cammon
Manager of Operations
Diversified Operating Corporation

TJC:ckc

Attachments

cc: ✓ Dennis Bicknell, Colorado Oil & Gas Conservation Commission
DRL Representatives

RECEIVED
 DEC 3 1986
 GOLD OIL & LAND CO., INC.



Existing Produced Water Disposal System

12/10/86

Not to scale
 12/14/86

DEC 3 1986
 COL. OIL & GAS COMM.

line, 20 year guaranteed life

Leak Detection 2" line pipe w/ plug valve on surface



Scale 1" = 20'
 TJC 12/1/86

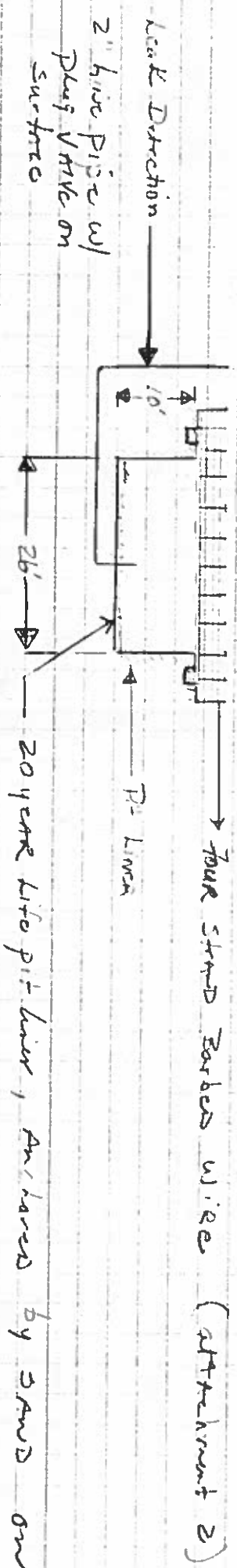
Proposed Produced Water Pit Enlargement & Lining

Plan Cross Section

12/24/86
 5

→ N

Scale 1" = 20'
 JFC 12/1/86

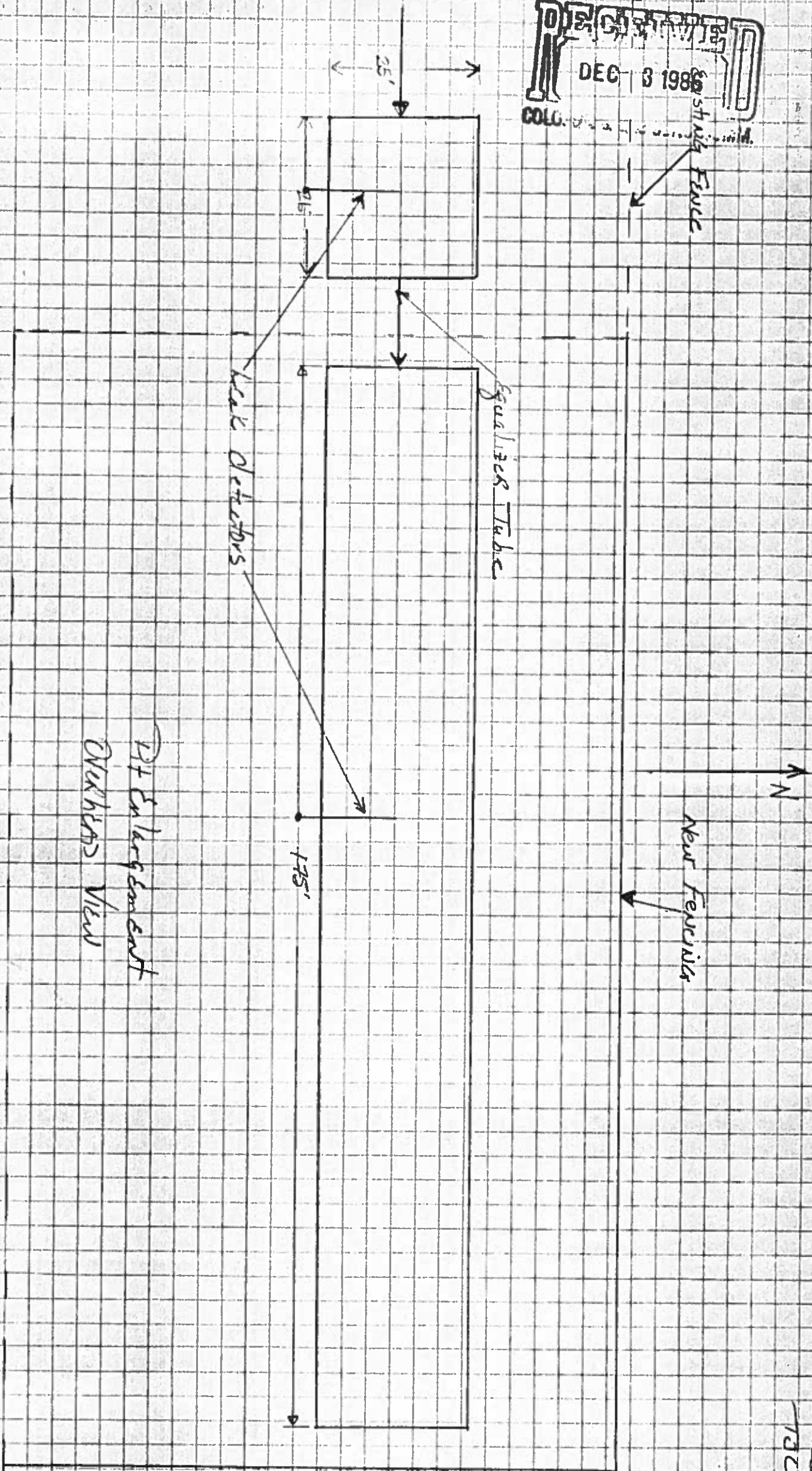


Right Cross Section

Proposed produced water pit enlargement & lining

19304
 5

PROJECTED
 DEC 3 1986
 COLG. 0.000
 54 1/2" FENCE



17' 6" long east
 direction view

Wild County Rd 86

SCALE 1" = 20'
 DEC 12/1/16

P401/5

THE STORY



The facts. That's what you need when choosing a liner for your liquid containment. At [redacted] we are not afraid to put our materials to the test.

We offer a wide range of materials used for specific containment needs. Don't choose just any membrane liner. Choose one that gives you a fast, simple, cost-effective solution to your liquid containment problem. When field seaming is required, [redacted] will supply the technology required.

SIZES

[redacted] liners are available in standard sizes ranging from 100'-150' wide by as long as 300' (other sizes available on request)

MATERIALS

Our liners provide a fast, cost-effective solution to your containment needs. All [redacted] liner materials are constructed of woven high-density polyethylene coated with low-density polyethylene. This combination creates a material highly resistant to tearing or seaming propagation when an accidental cut occurs.

THE SPECS

When selecting a liner, don't rely totally on mil thickness as your guide for strength. More importantly, compare all material specifications. You'll see the difference in a [redacted]

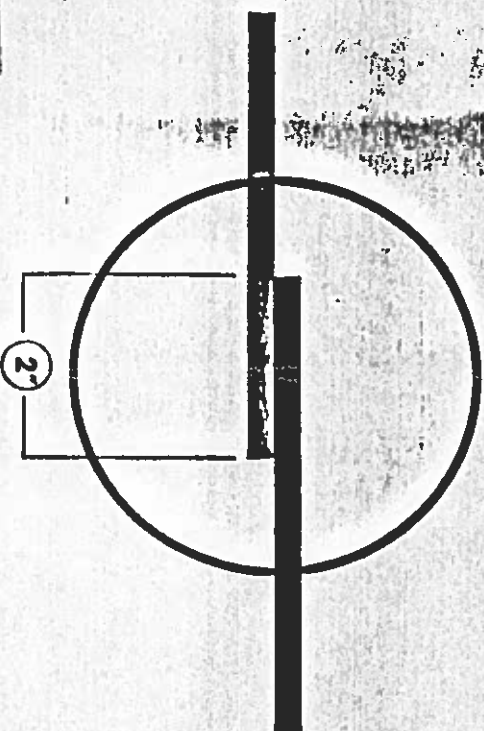
MATERIAL SPECIFICATIONS

STYLE	● 88	● 1010	● 1114	● 414	● 1212H
YARN COUNT	88	10x10	14x14	14x14	12x12
DENIER	1000	1000	1000	1000	1500
WEAVING	117 WARP	153 WARP	128 WARP	128 WARP	247 WARP
STRENGTH (LBS.)	115 FTL	162 FTL	164 FTL	164 FTL	236 FTL
ELONGATION	23 WARP	22 WARP	28 WARP	21 WARP	23 WARP
(% INCREASE)	24 FTL	24 FTL	22 FTL	24 FTL	23 FTL
BUSTING STRENGTH (LBS./SQ. IN.)	244	312	320	300	517
TEAR STRENGTH (LBS.)	50 WARP	54 WARP	28 WARP	37 WARP	57 WARP
MOISTURE VAPOR (GRAM/SQ. CM 24 HRS)	12	12	44	33 FTL	62 FTL
PUNCTURE RESISTANCE (LBS.)	33	41	30	33	37
HYDROSTATIC RESISTANCE (LBS./SQ. IN.)	78	82	81	66	108
COLOR	Dr. Blue/Bk	White/Bk	Silver/Bk	Ln. Grn/Bk	Lt. Blue/Bk
TOTAL THICKNESS (MILS)	6-8	8-10	11-12	12-14	16-18

*NUMBER OF YARDS PER SQUARE INCH

These values are typical data according to independent laboratory tests and are not intended as limiting specifications. We cannot accept liability for determination of the suitability or selection of materials for the use contemplated. Its manner of use is the sole responsibility of the user. Chemical resistance data is available on request.

THE SEAM



SEAM CONSTRUCTION

All [redacted] liners are constructed with a minimum 2" seam. Our neat weld system insures maximum strength where its needed the most. Check and compare, we know you'll see the difference.

TEST METHODS FOR MATERIAL SPECIFICATIONS.

- 1) ASTM D731-78 "Standard Methods of Testing Coated Fabrics"
- a) Breaking Strength (Grab Method)
- b) Elongation
- c) Bursting Strength
- d) Tearing Strength (Tongue Tear)
- e) Hydrostatic Resistance (Method A, Muller)
- 2) Flex Abrasion ASTM D3885
- 3) Moisture Vapor Transmission ASTM E96
- 4) Puncture Resistance FTMS 101B Method 2055

12-5-86

Bill:
This Permit looks OK for approval.

~~WAB~~
Dennis: If you don't need this further give
it to Bill → Mac