



JIM BACA  
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

MAY 03 1991

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

April 30, 1991

Tipperary Oil and Gas Corporation  
800 N. Marienfield Suite 100  
Midland, Texas 79701

RE: Request for Approval to Surface Commingle  
State Lease E-1311-5

Gentlemen:

We received your letter dated April 22, 1991 wherein you request approval to surface commingle the production from the wells located on State of New Mexico Oil and Gas lease E-1311-5. Said wells are located in Section 27, Township 10 South, Range 32 East, Lea County NM.

The Commissioner of Public Lands hereby grants approval to commingle the production from the wells as described in your application. Please be advised that any deviation from the approved operations will be grounds to rescind our approval. Our approval is subject to like approval by the Oil Conservation Division.

If you have any questions, please contact this office at (505) 827-5744.

Very truly yours,

JIM BACA,  
COMMISSIONER OF PUBLIC LANDS

BY:   
FLOYD O. PRANDO, Director  
Oil and Gas Division  
(505) 827-5746

FOP/bs

<u>Lease &amp; Well #</u>	<u>Lease #</u>	<u>Legal Description</u>	<u>Field &amp; Pool</u>	<u>Beneficiary</u>
New Mexico B#1	E1311	600' FNL & 1980' FWL S27-T10S-R32E Lea County, NM	Mescalero (Devonian)	I.R.G.
New Mexico B#2	E1311	331' FNL & 994' FWL S27-T10S-R32E Lea County, NM	Mescalero (Permo Penn)	I.R.G.

FEB 19 1991



JOE'S LAB  
INDEPENDENT LABORATORY  
12306 Cty. Rd. 129 W  
P. O. Box 60001 Midland, Texas 79711  
(915) 563-4941

SUBMITTED BY: JEFF SPARKS  
COMPANY: TIPPERARY OIL & GAS CORP. DISCOVERY OPERATING  
LEASE:  
DATE RECEIVED: 2-13-91  
DATE ANALYSIS COMPLETED: 2-14-91

THE SAMPLES RECEIVED WERE CHECKED FOR A.P.I. GRAVITY @ 72° F.  
THE SAMPLES WERE FROM THE PENN FORMATION (N. M. B PERMO # 2) AND THE  
DEVONIAN FORMATION (N. M. B # 1). THE GRAVITIES WERE RAN ON EACH  
SAMPLE AND THEN WERE MIXED 50/50 WITH EACH OTHER AND THE GRAVITY AGAIN  
WAS TAKEN.

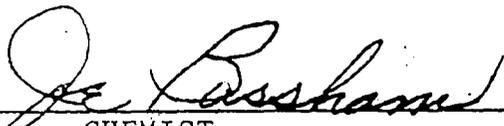
BELOW, THEY ARE LISTED AND CORRECTED TO 60° F.:

PENN.	44.2	API
DEVONIAN	43.8	API
50/50 MIX	43.9	API

VERY LITTLE DIFFERENCE, IF ANY, WAS NOTED IN VISCOSITY.

AS TO COLOR, ON A SPECTROMETER, COMPARED TO IPA @ 100%  
TRANSMITTANCE OF LIGHT, TWO PERCENT IN IPA; SAMPLES OF THE ABOVE WERE  
PREPARED. THE PERCENT TRANSMITTANCE WERE AS FOLLOWS:

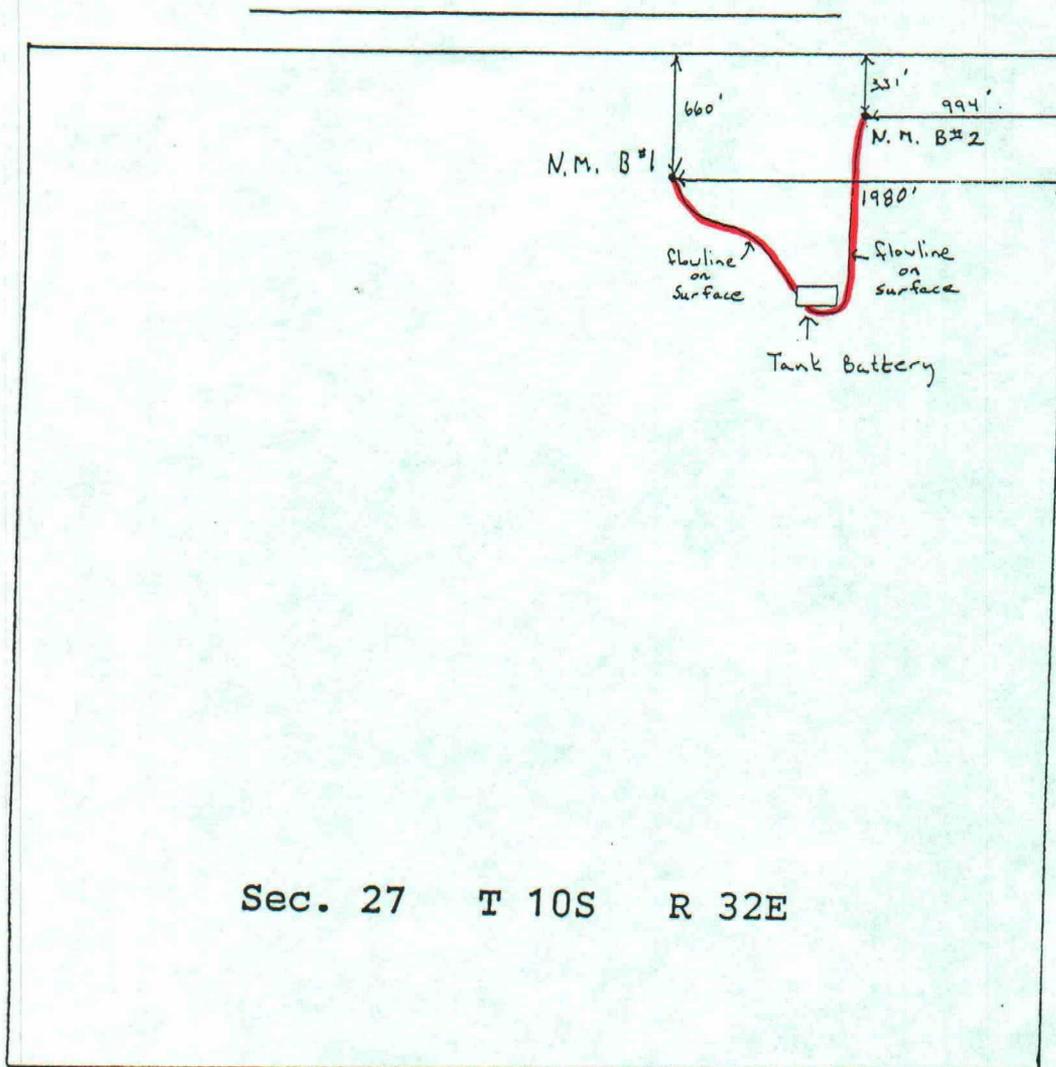
IPA -	100%
PENN -	91.4%
DEVON. -	94.6%
50/50 MIX -	93.5

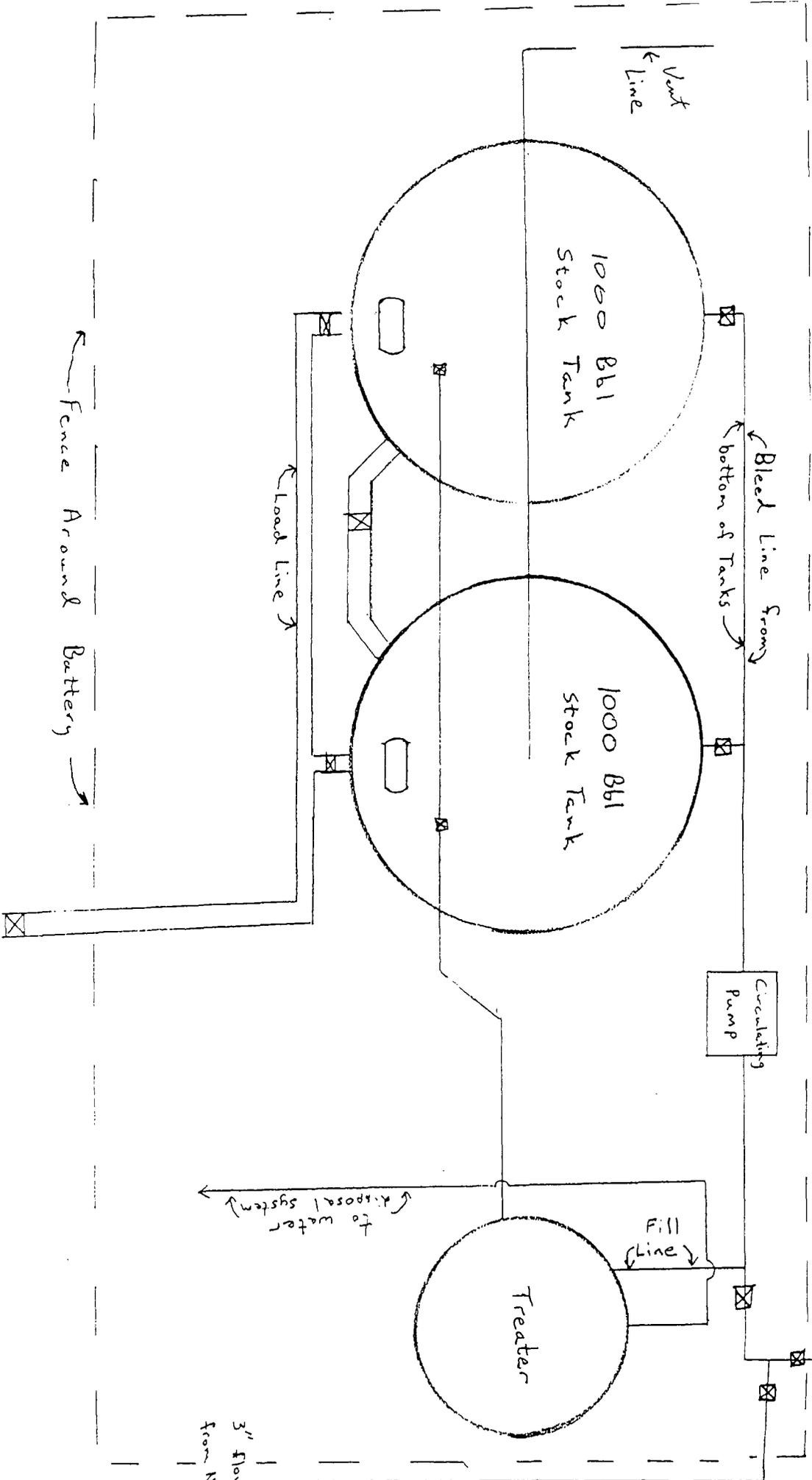
  
CHEMIST

Field: Mescalero (De. ian)  
Operator: Tipperary Oil & Gas  
Lease: New Mexico "B"  
Well No.: #1  
County: Lea State: New Mexico  
State Lse. No.: E-1311

Field: Mescalero (Permo Penn)  
Operator: Tipperary Oil & Gas  
Lease: New Mexico "B"  
Well No.: #2  
County: Lea State: New Mexico  
State Lse. No.: E-1311

Scale: 1" = 1000'





Field: Mescalero (Devonian)  
 Operator: Tipperary Oil & Gas  
 Lease: New Mexico "B"  
 Well No.: #1  
 County: Ira State: New Mexico  
 State Use. No.: E-1311

Field: Mescalero (Permo Pen)  
 Operator: Tipperary Oil & Gas  
 Lease: New Mexico "B"  
 Well No.: #2  
 County: Ira State: New Mex  
 State Use. No. E-1311