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OIL CON. DIV.  
DIST. 3

April 30, 1996

Mr. William LeMay  
New Mexico Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

Re: Jicarilla 150 #4  
920'FSL, 1515'FWL, Section 11, T-26-N, R-5-W, Rio Arriba County, NM  
API #30-039-20111

Dear Mr. LeMay:

This is a request for administrative approval for downhole commingling the Blanco Mesa Verde and Basin Dakota pools in the subject well.

To comply with the New Mexico Oil Conservation Division rules, Meridian is submitting the following for your approval of this commingling:

1. Form C107A - Application for Downhole Commingling;
2. C-102 plat for each zone showing its spacing unit and acreage dedication;
3. Production curve for each zone for at least one year;
4. Notification list of offset operators

The Jicarilla Apache Tribe is the only interest owner and they have been notified by copy of this application.

The allocation formula will be based off historical Dakota production and decline. Any production over Dakota will be allocated to the Mesa Verde.

Please let me know if you require additional data.

Sincerely,

  
Peggy Bradfield  
Regulatory/Compliance Administrator

encs.

xc: Bureau of Land Management - Rio Puerco Area  
New Mexico Oil Conservation Division - Aztec

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

811 South First St., Artesia, NM 88210-2835

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410-1693

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco Santa Fe, New Mexico 87505-6429

Form C-107-A New 3-12-96

APPROVAL PROCESS

X Administrative Hearing

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE

X YES NO

Meridian Oil Inc

PO Box 4289, Farmington, NM 87499

Operator

Address

Jicarilla 150

4

N-11-26N-5W

Rio Arriba

Lease

Well No.

Unit Ltr. - Sec - Twp - Rgs

County

OGRID NO. 14538 Property Code 16344 API NO. 30-039-20111 Federal X State (and/or) Fee

Spacing Unit Lease Types: (check 1 or more)

Table with 4 columns: The following facts are submitted in support of downhole commingling, Upper Zone, Intermediate Zone, Lower Zone. Rows include Pool Name and Pool Code, Top and Bottom of Pay Section, Type of production, Method of Production, Bottomhole Pressure, Oil Zones, Oil Gravity, Producing or Shut-in?, Production Marginal?, and Fixed Percentage Allocation.

- 9. If allocation formula is based upon something other than current or past production...
10. Are all working, overriding, and royalty interests identical in all commingled zones?
11. Will cross-flow occur?
12. Are all produced fluids from all commingled zones compatible with each other?
13. Will the value of production be decreased by commingling?
14. If this well is on, or communitized with, state or federal lands...
15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S).

- 16. ATTACHMENTS:
\* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
\* Production curve for each zone for at least one year.
\* For zones with no production history, estimated production rates and supporting data.
\* Data to support allocation method or formula.
\* Notification list of all offset operators.
\* Notification list of working, overriding, and royalty interests for uncommon interest cases.
\* Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Regulatory Administrator DATE 4-30-96

TYPE OR PRINT NAME Peggy Bradfield TELEPHONE NO. (505) 326-9700

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

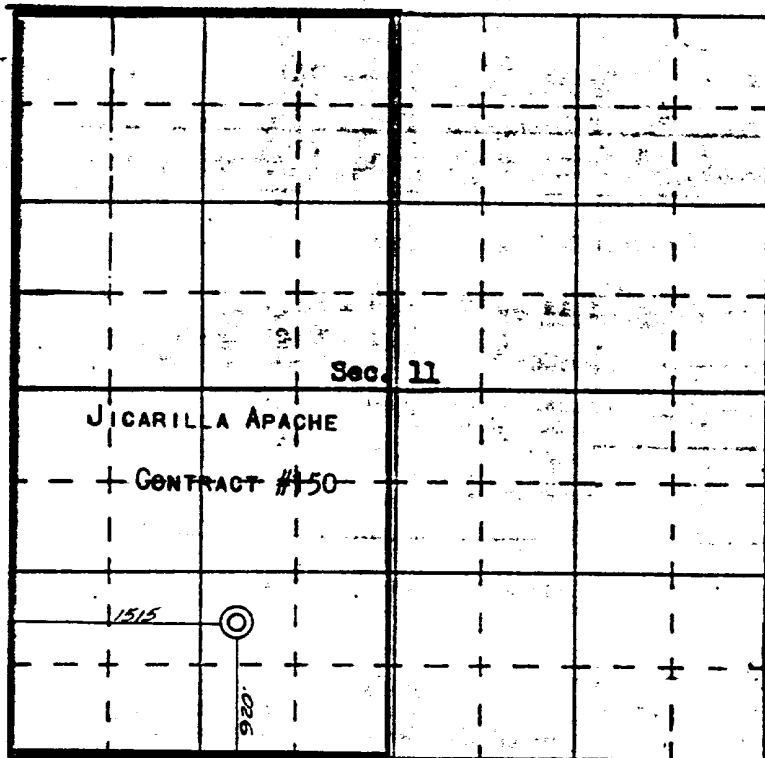
Operator <b>SOUTHERN UNION PRODUCTION COMPANY</b>		Lease <b>JICARILLA 150</b>		Well No. <b>4</b>
Unit Letter <b>N</b>	Section <b>11</b>	Township <b>26 NORTH</b>	Range <b>5 WEST</b>	County <b>RIO ARriba</b>
Actual Footage Location of Well: <b>920</b> feet from the <b>SOUTH</b> line and <b>1515</b> feet from the <b>WEST</b> line				
Ground Level Elev <b>7222.0</b>	Producing Formation <b>MESAVERDE DAKOTA</b>	Pool <b>BLANCO MESAVERDE BASIN DAKOTA</b>	Dedicated Acreage: <b>W/2 320</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  
( ) Yes ( ) No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

- BLANCO MESAVERDE
- BASIN DAKOTA



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
**B. R. VANDERSLICE**

Position  
**AREA SUPERINTENDENT**

Company  
**SOUTHERN UNION PRODUCTION COMPANY**

Date  
**JUNE 18, 1968**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

13 June, 1968

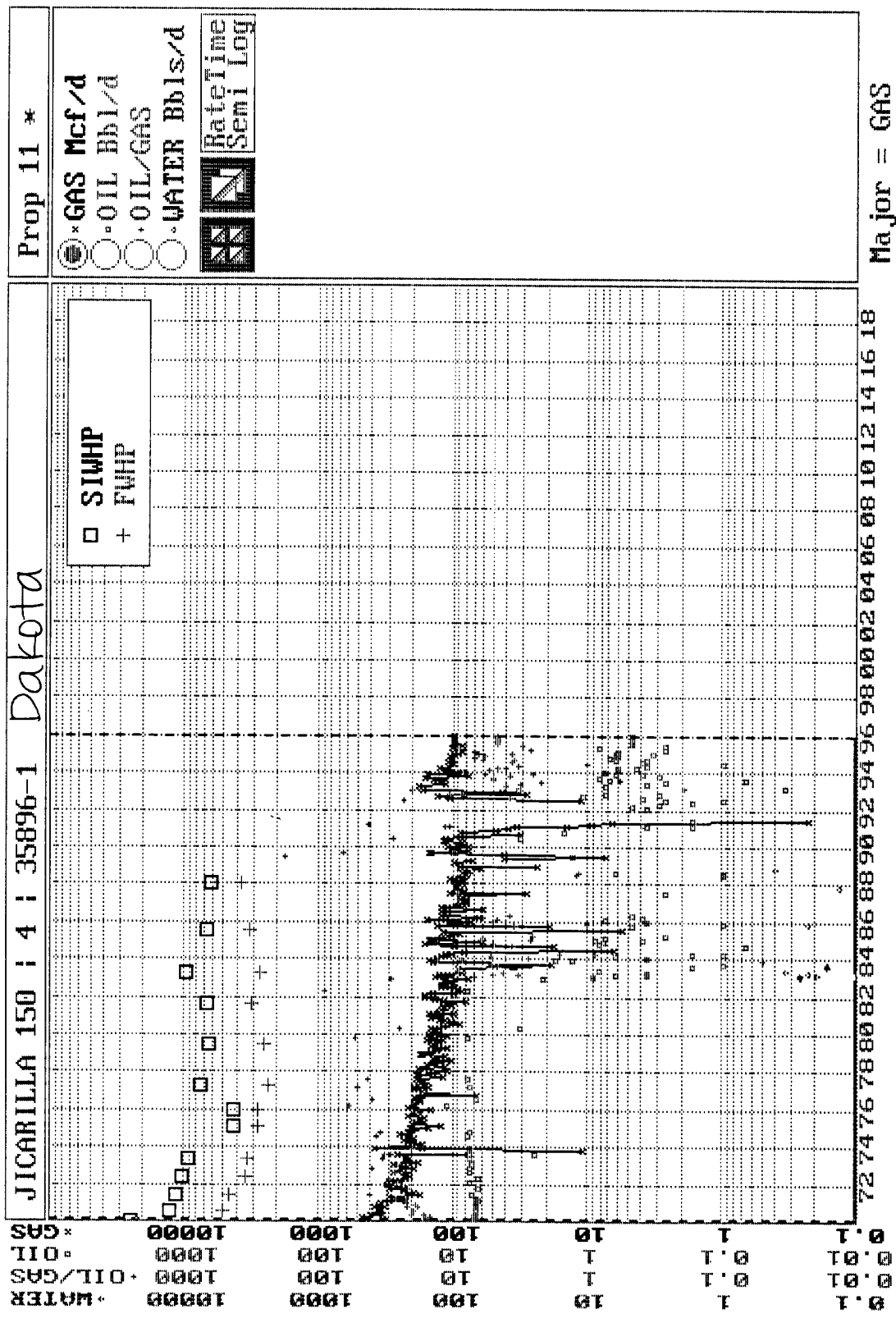
Registered Professional Engineer  
and Licensed Surveyor

**JAMES P. [Signature]**

1963

Certification





Major = GAS

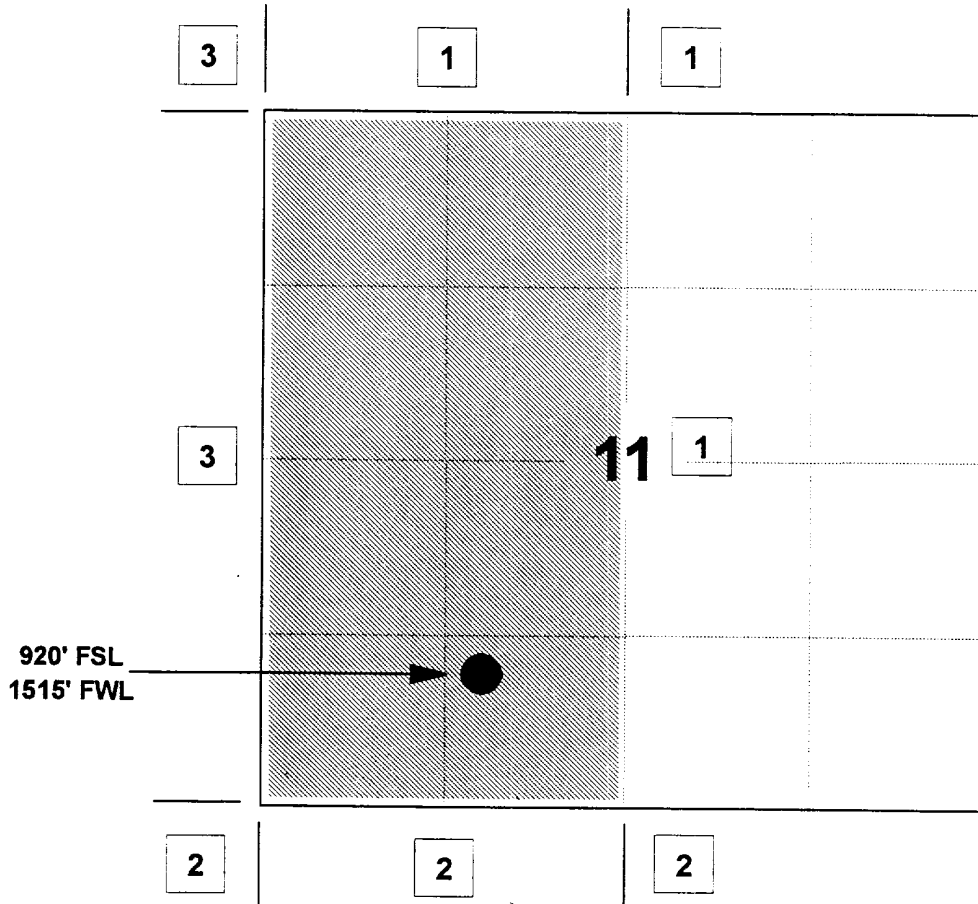
# MERIDIAN OIL INC

## JICARILLA 150 #4

OFFSET OPERATOR \ OWNER PLAT

Mesaverde / Dakota Commingle Well

Township 26 North, Range 5 West



1) Meridian Oil Inc

2) Amoco Production Company

PO Box 800, Denver, CO 80201

3) Conoco, Inc.

10 Desta Drive, Suite 100W, Midland, TX 79705-4500

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Mesaverde Formation

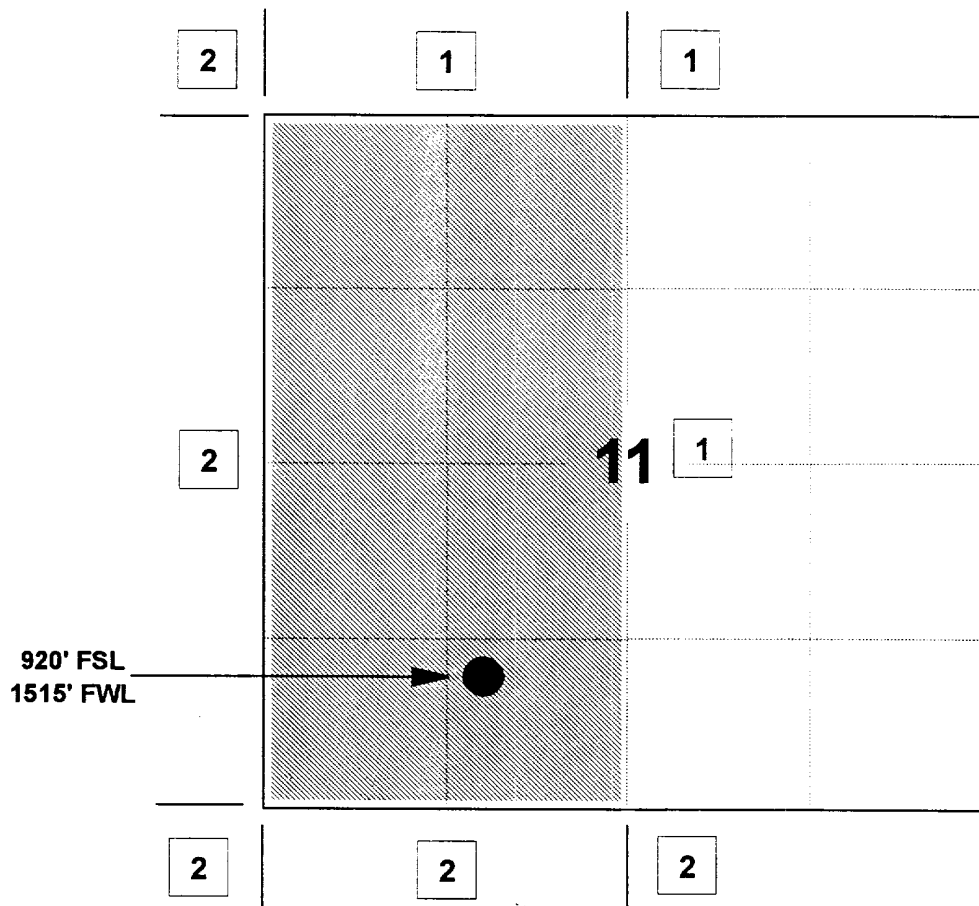
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Dakota Formation