BURLINGTON RESOURCES

SAN JUAN DIVISION

August 16, 1996

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

AUG 1 9 1996

Oil Conservation Division

Re:

Davis #10

1000'FNL, 1600'FWL Section 12, T-31-N, R-12-W, San Juan County, NM

API #30-045-10946

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. It is intended to add the Mesa Verde formation to this Dakota well and commingle both formations.

To comply with the New Mexico Oil Conservation Division rules, Burlington Resources Oil & Gas Company 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 the Dakota for at least one year;
- 4. Notification list of offset operators Meridian is the surrounding operator;
- 5. Shut in wellhead pressure and calculated down hole pressure;
- 6. Nine-section plats for the Mesa Verde and Dakota.

The ownership for both the Mesa Verde and Dakota are common in this well. No notification to interest owners is required.

The allocation formula will be based off actual flow rates from the Mesa Verde and Dakota formations.

Please let me know if you require additional data.

Shadhuld

Sincerely.

Peggy Bradfield

Regulatory/Compliance Administrator

encs.

XC:

Bureau of Land Management

<u>DISTRICT I</u>

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

811 South First St., Artesia, NM 88210-2635

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION

APPROVAL PROCESS

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

__X_ Administrative ___Hearing

_X__ YES ___ NO

DISTRICT II

APPLICATION FOR DOWNHOLE COMMINGLING EXISTING WELLBORE 1000 RIO Brazos Rd, Aztec, NM 874101693

perator Pavis	10 C-1	2-31N-12W	San Juan
380	Well No. Uni	t Ltr Sec - Twp - Rge Spacing Unit I	County Lease Types: (check 1 or more)
GRID NO14538 Property Code	18509 API NO. 30-045-	10946Federal _X , State _	, (and/or) Fee
The following facts are submitted in support of lownhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
I. Pool Name and Pool Code	Blanco Mesaverde - 72319		Basin Dakota - 71599
Pay Section (Perforations)	Will be available and supplied when completed		7428-7646'
3. Type of production (Oil or Gas)	Gas		Gas
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current	(Current) a.Will be supplied after completion	a.	a.394 psi - calculated (see attached)
Gas & Oil - Flowing: Measured Current All Gas Zones:	(Original) b Will be supplied after completion	b.	b. 2436 psi - calculated
Estimated or Measured Original 6. Oil Gravity ([°] API) or Gas BTÜ Content	BTU 1209 - (from Davis #6) (See attached 9-section map)		(see attached) BTU 1087
7. Producing or Shut-In?	Not yet completed		producing
Production Marginal? (yes or so)	No		Yes
f Shut-In and oil/gas/water rates of last production	Date:N/A Rates:	Date: Rates:	Date: N/A Rates:
lote: For new zones with no production istory, applicant shall be required to attach production estimates and supporting data			
f if Producing, give data and bil/gas/water water of recent lest (within 60 days)	Date: Rates:Will be supplied when completed	Date: Rates:	Date:7-96 (see attached plot) Rates:0.75 BOPD, 73 MCF/D
B. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)	Oil: Ges: % Will be supplied when completed	Oil: Gas: %	Oil: % Gas: % Will be supplied when completed
). If allocation formula is based submit attachments with supp 0. Are all working, overriding, a If not, have all working, overrid Have all offset operators bee	nd royalty interests identical ling, and royalty interests been	in all commingled zones?	_X_Yes
1. Will cross-flow occur? _X_ flowed production be recovexplanation)	No If yes, are fluids overed, and will the allocation	compatible, will the formations on formula be reliableX	not be damaged, will any c No (If No, a
2. Are all produced fluids from all	•		 '
 Will the value of production be If this well is on, or community 	itized with state or federal	lands either the Commissions	or of Bublic Lands or the L
States Bureau of Land Manager NMOCD Reference Cases for Ri	nent has been notified in writin	g of this applicationX_Ye	s No
i. ATTACHMENTS: * C-102 for each zone * Production curve for * For zones with no pr * Data to support allo * Notification list of all * Notification list of we	to be commingled showing its: each zone for at least one yea oduction history, estimated pro cation method or formula.	spacing unit and acreage dedica r. (If not available, attach explan duction rates and supporting da	ation.) ta.
hereby certify that the infor	mation above is true and o	complete to the best of my k	nowledge and belief.
GIGNATURE SAME SHA		gulatoryAdministrator_DAT	

TYPE OR PRINT NAME _Peggy Bradfield ___ TELEPHONE NO. (505__) 326-9700_

PO Box 1788, Hobbs, NM 88241-1986 District 48 PO Drawer OD, Artesia. NM 82211-0719 District III 1000 Mie Brazes Rd., Azies, NM 27410

State of New Mexico while who are a Dr. Fler chart to sell this time

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

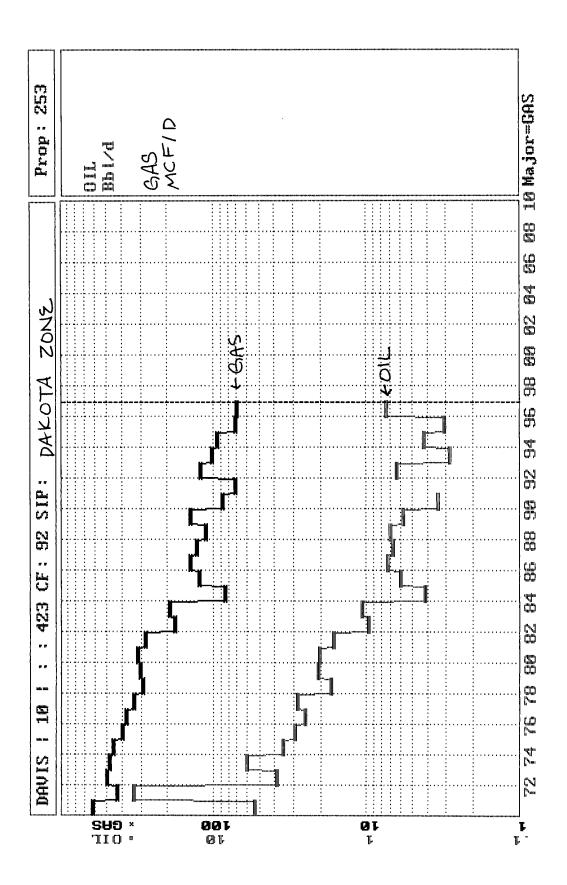
Form C-103 Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office State Lease - 4 Copie:

Fee Lease - J Copie:

lekstet IV D Bos 2048, Ses	us Fe. NM	87504-20 88								AME	NDED REPO
		WEI	LL LO	CATION	AND A	CREAGE D	EDICA	ATION PL	AT		
	AFT Number		7001	Pool Code				Post No			
30-045 • Property	045-10946 72319/71599 Blanco Mesaverde/Basin			Dako		SSA-SI Namahan					
	18509 Davis			* Well Number							
	OGRID No. Operator Name					*Elgreuse					
]	14538 MERIDIAN OIL INC.						6382'				
					19 Surfa	ce Location					
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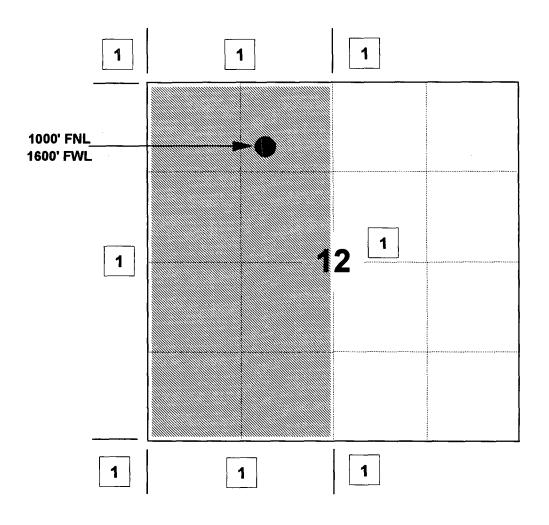


MERIDIAN OIL INC

DAVIS #10 OFFSET OPERATOR \ OWNER PLAT

Mesaverde / Dakota Formations Commingle Well

Township 31 North, Range 12 West



Meridian Oil Inc	 	
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FLOWING AND STATIC BHP CULLENDER AND SMITH METHOD

VERSION 1.0 3/13/94

GAS GRAVITY	0.65
COND. OR MISC. (C/M)	C
%N2	0.23
%CO2	2.2
%H2S	0
DIAMETER (IN)	2.441
DEPTH (FT)	7646
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	160
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1983
BOTTOMHOLE PRESSURE (PSIA)	2436.2

DAVIS #10 DAKOTA - (ORIGINAL)

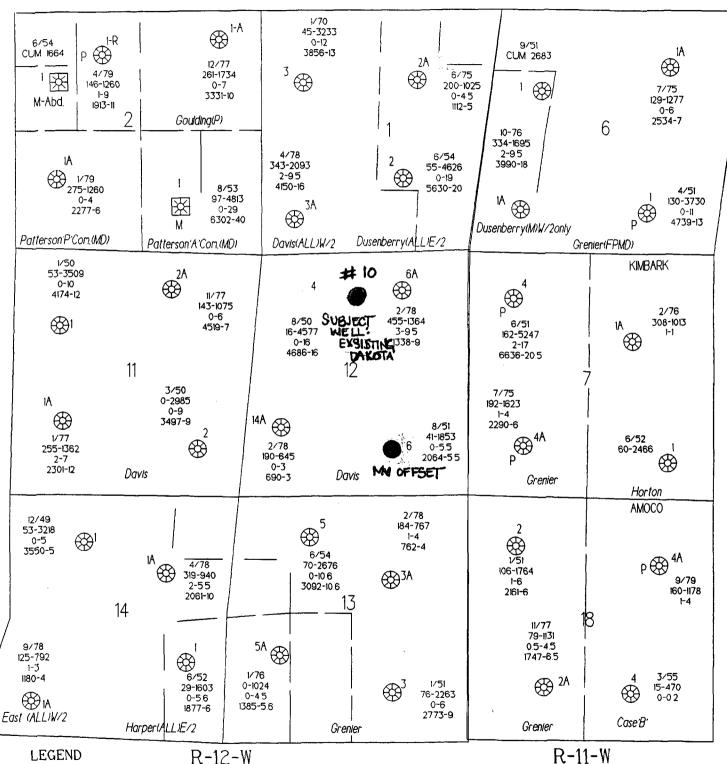
FLOWING AND STATIC BHP CULLENDER AND SMITH METHOD

VERSION 1.0 3/13/94

GAS GRAVITY	0.65
COND. OR MISC. (C/M)	С
%N2	0.23
%CO2	2.2
%H2S	0
DIAMETER (IN)	2.441
DEPTH (FT)	7646
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	160
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	332
BOTTOMHOLE PRESSURE (PSIA)	394.4

DAVIS#10 DAKOTA - (CURRENT)

DAVIS #4 BLANCO MESAVERDE SECTION 12, T31N, R12W



FIRST PRODUCED MCFPD - CUM (MMCF) BOPD - CUM (MBO) EUR_NG - EUR_CND

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R-11-W