

DATE IN 1-2-10	SUSPENSE	ENGINEER Jones	LOGGED IN 1-2-10	TYPE DHC	APP NO. 100335/891
-----------------------	----------	-----------------------	-------------------------	-----------------	---------------------------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



API: 30-025-35118
 WELL NAME: Bell Lake
 Unit #021
 CO: Devon Energy Prod.
 Co. 6137

p-6-245-32E

ADMINISTRATIVE APPLICATION CHECKLIST

Lee

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

RECEIVED OGD
 2010 FEB - 2 P 12:05

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners**
- [B] ☐ Offset Operators, Leaseholders or Surface Owner**
- [C] ☐ Application is One Which Requires Published Legal Notice**
- [D] ☒ Notification and/or Concurrent Approval by BLM or SLO**
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,**
- [F] ☐ Waivers are Attached**

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name	Signature	Title	Date
Norvella Adams		Sr. Staff Engineering Technician	1/28/2010

e-mail Address norvella.adams@dvn.com

District I
1625 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Devon Energy Production Company, LP

20 North Broadway Oklahoma City, Oklahoma 73102-8260

Operator
Mesa Verde 6 Federal 11

Address
P - 6-24S-32E

LEA

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 6137 Property Code 30872 API No. 30-025-39585 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Mesa Verde Delaware		Mesa Verde Bone Springs
Pool Code	96191		96229
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	8192'-8424'		8970'-9712'
Method of Production (Flowing or Artificial Lift)	Rod Pump		Rod Pump
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	N/A		N/A
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	New zone		Producing - new zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Estimated rates Rates: 30 BO 50 MCF 81 BW	Date: Rates:	Date: Estimated rates Rates: 14 BO 25 MCF 31 BW
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas % %	Oil Gas % PCTS % Later %	Oil Gas % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?

Yes ☒ No ☐

If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: _____

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. (If not available, attach explanation.)

For zones with no production history, estimated production rates and supporting data.

Data to support allocation method or formula.

Notification list of working, royalty and overriding royalty interests for uncommon interest cases.

Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools

List of all operators within the proposed Pre-Approved Pools

Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.

Bottomhole pressure data.

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

SIGNATURE Norvella Adams TITLE Sr. Staff Engineering Technician DATE 1/28/10

TYPE OR PRINT NAME Norvella Adams TELEPHONE NO. (405) 552-8198

E-MAIL ADDRESS norvella.adams@dvn.com

Application for Downhole Commingling

Operator: Devon Energy Production Company, L.P.

OGRID No. 6137

Lease: **Mesa Verde 6 Federal 11**

API # 30-025-39585

Additional Attachment:

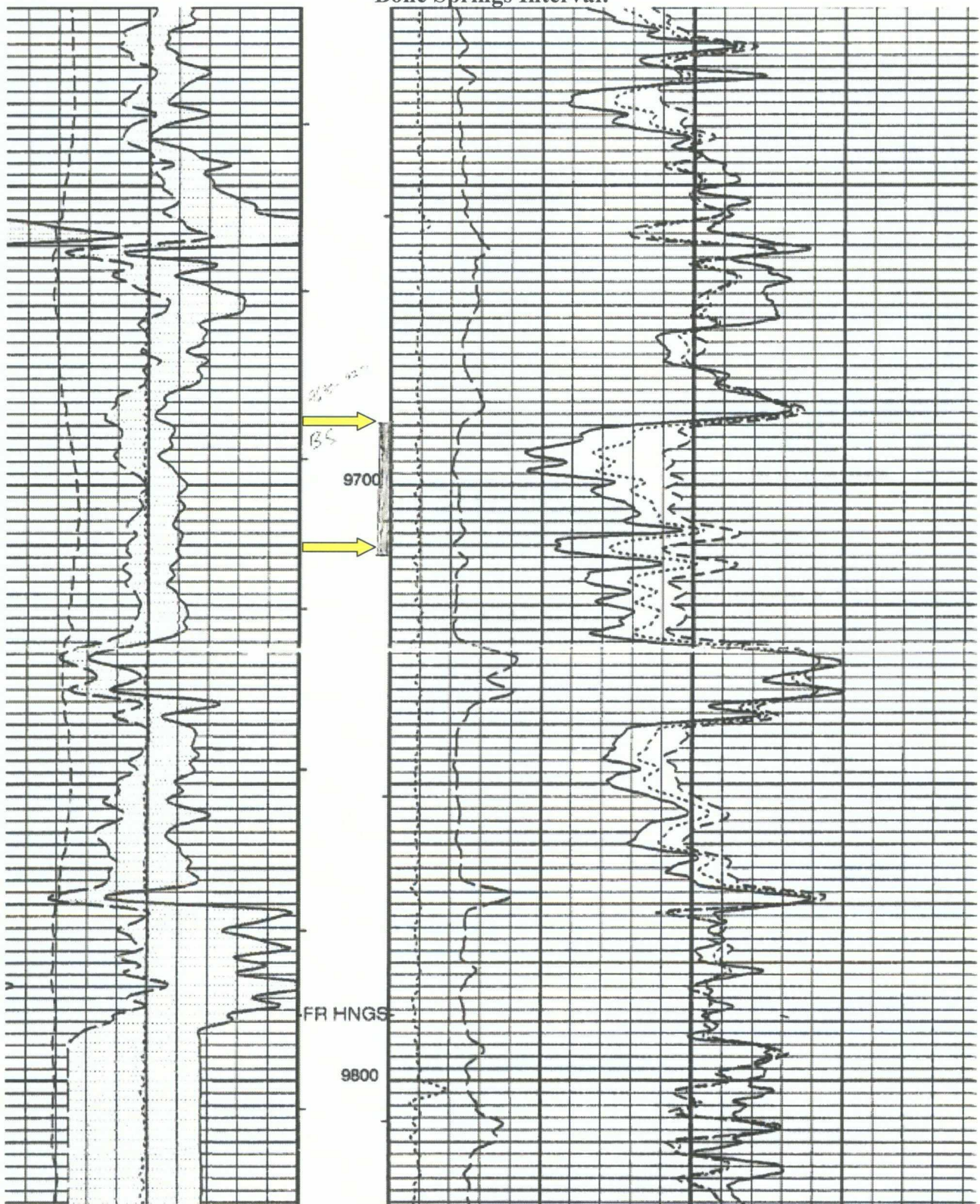
For zones with no production history, estimated production rates and supporting data:

**Offset well production history is attached from similar Bone Spring wells.
(~13 BOPD, 50 MCFD, 25 BWPD) Mesa Verde 7 Fed #2 & #7
(8 BOPD, 19 MCFD, 16 BWPD) Mesa Verde 7 Federal 3**

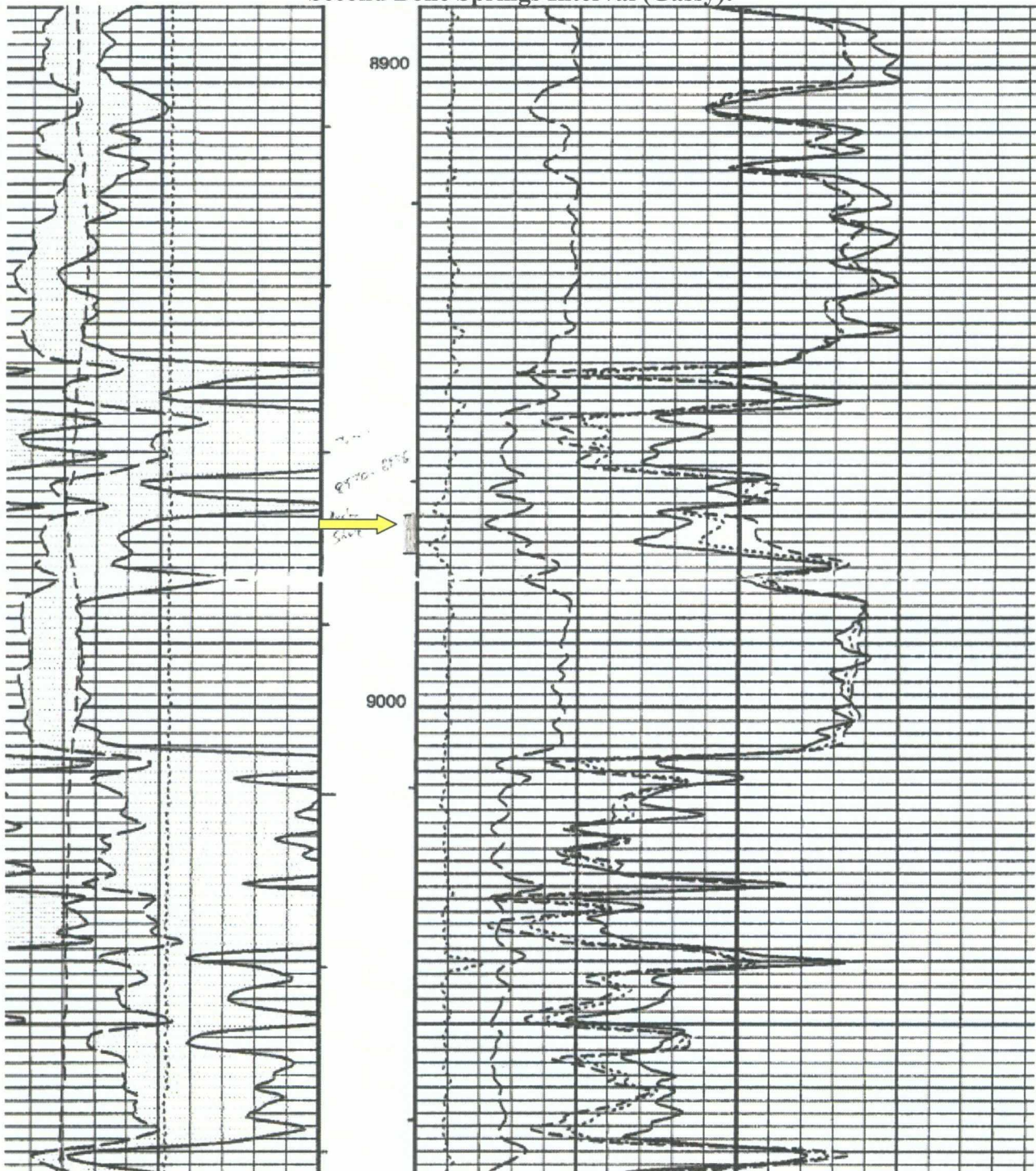
Any additional statements, data or documents required to support commingling:

The Bone Springs formation in the Mesa Verde 6 Federal 11 had a total of 22' of net pay. There is an upper gassy zone we are going to test before trying to comingle this well. After looking at our newest Bone Spring well, the Mesa Verde 7 Federal 3, we saw little signs of production being economical. Therefore, we would like to add the Brushy Canyon so that the well is economic.

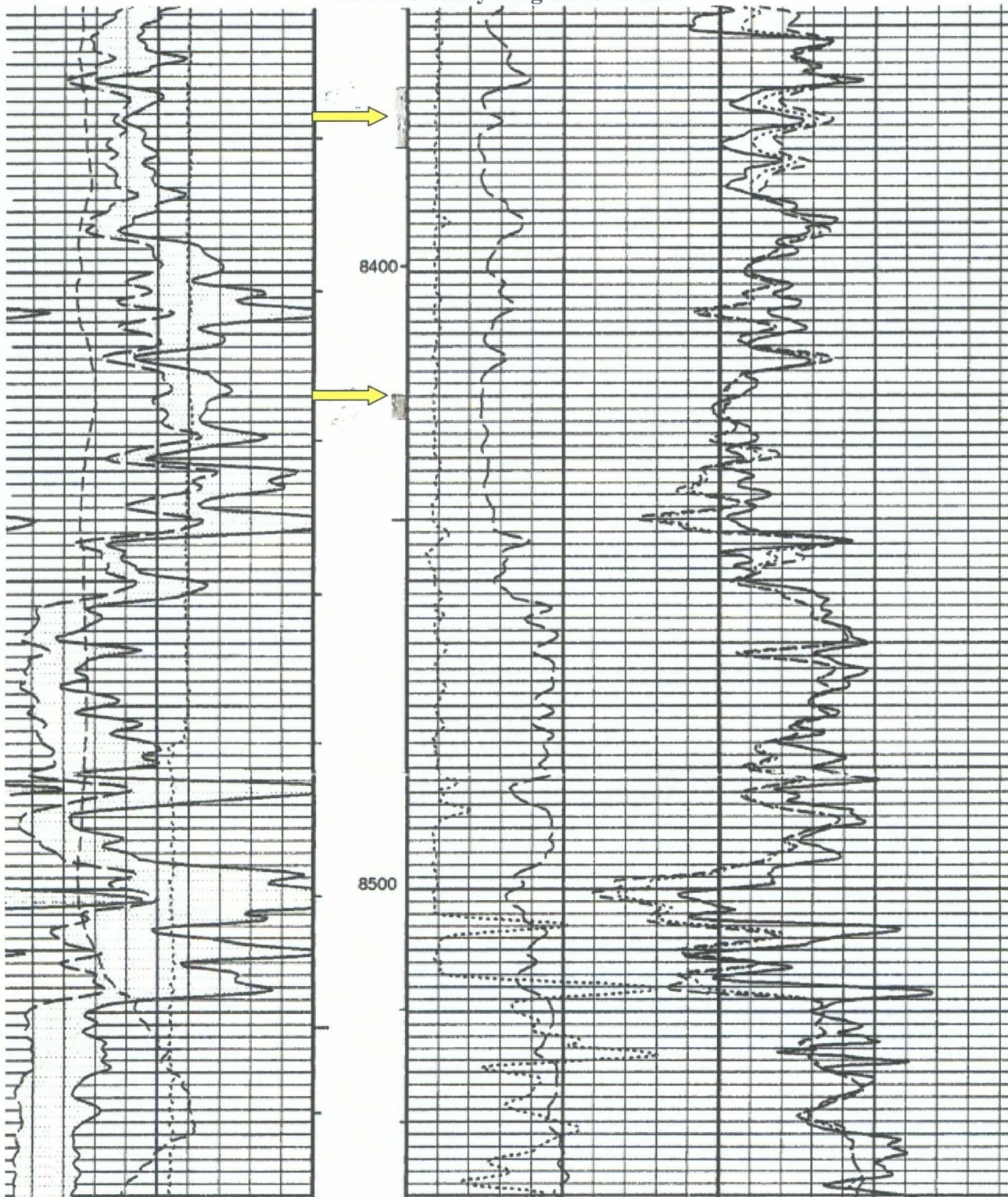
Bone Springs Interval:



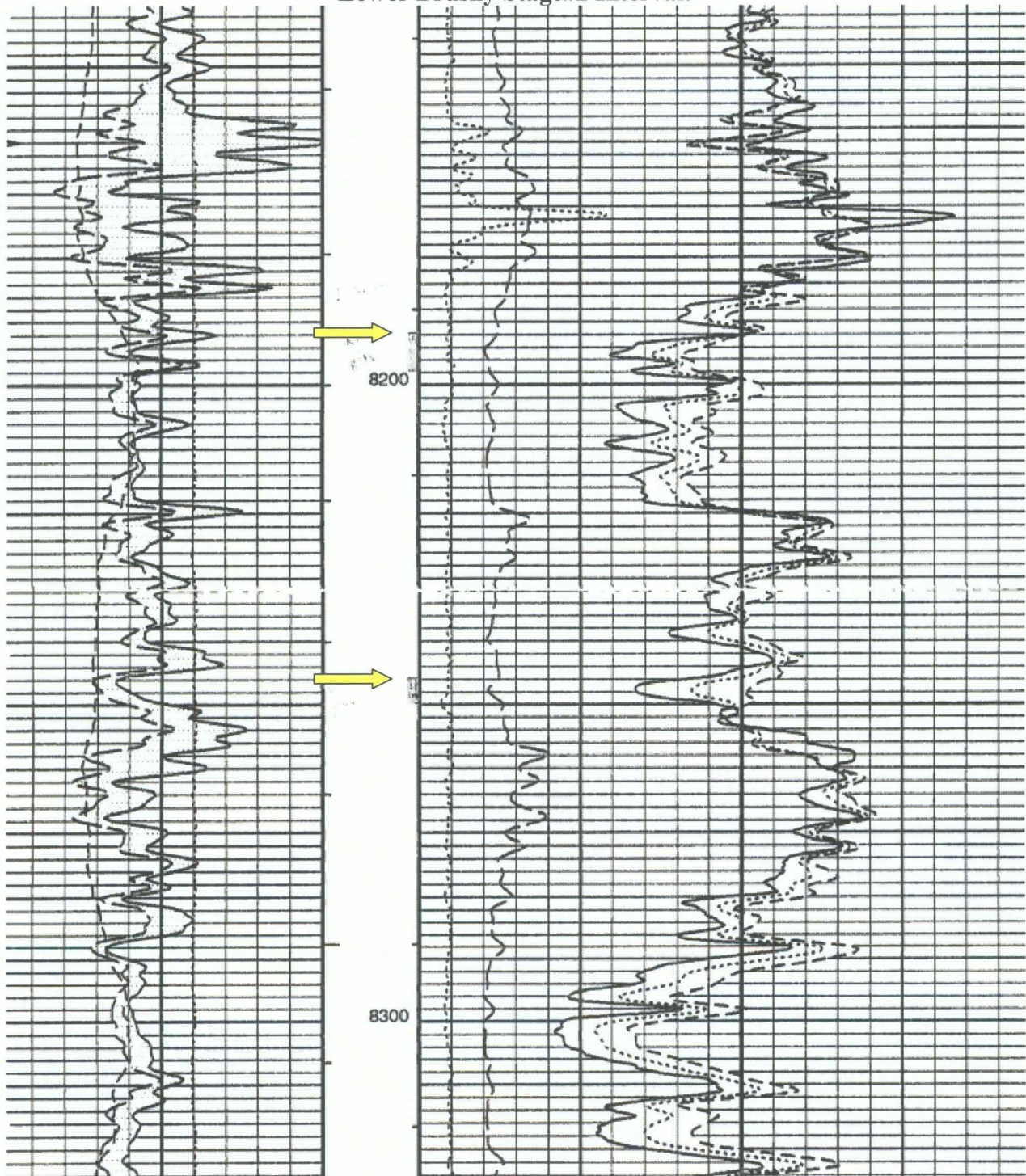
Second Bone Springs Interval (Gassy):



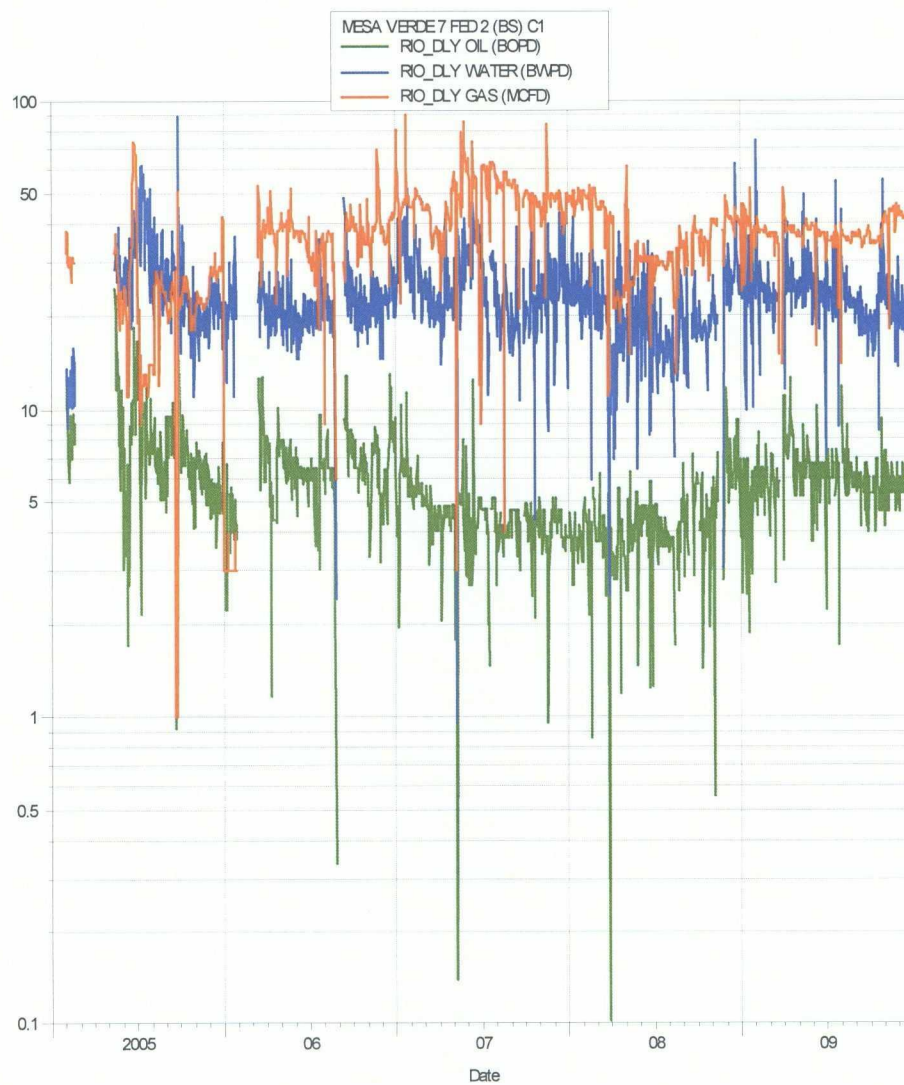
Lower Brushy Stage#1 Interval:



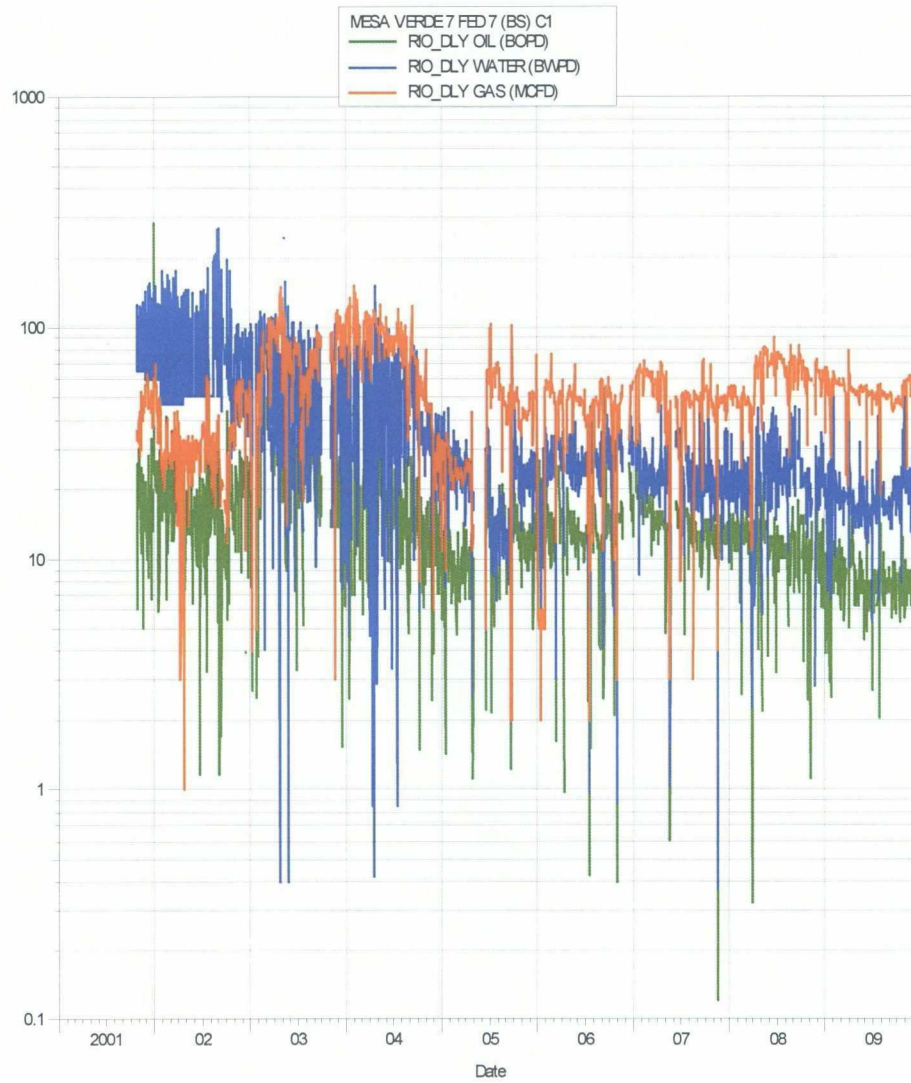
Lower Brushy Stage#2 Interval:

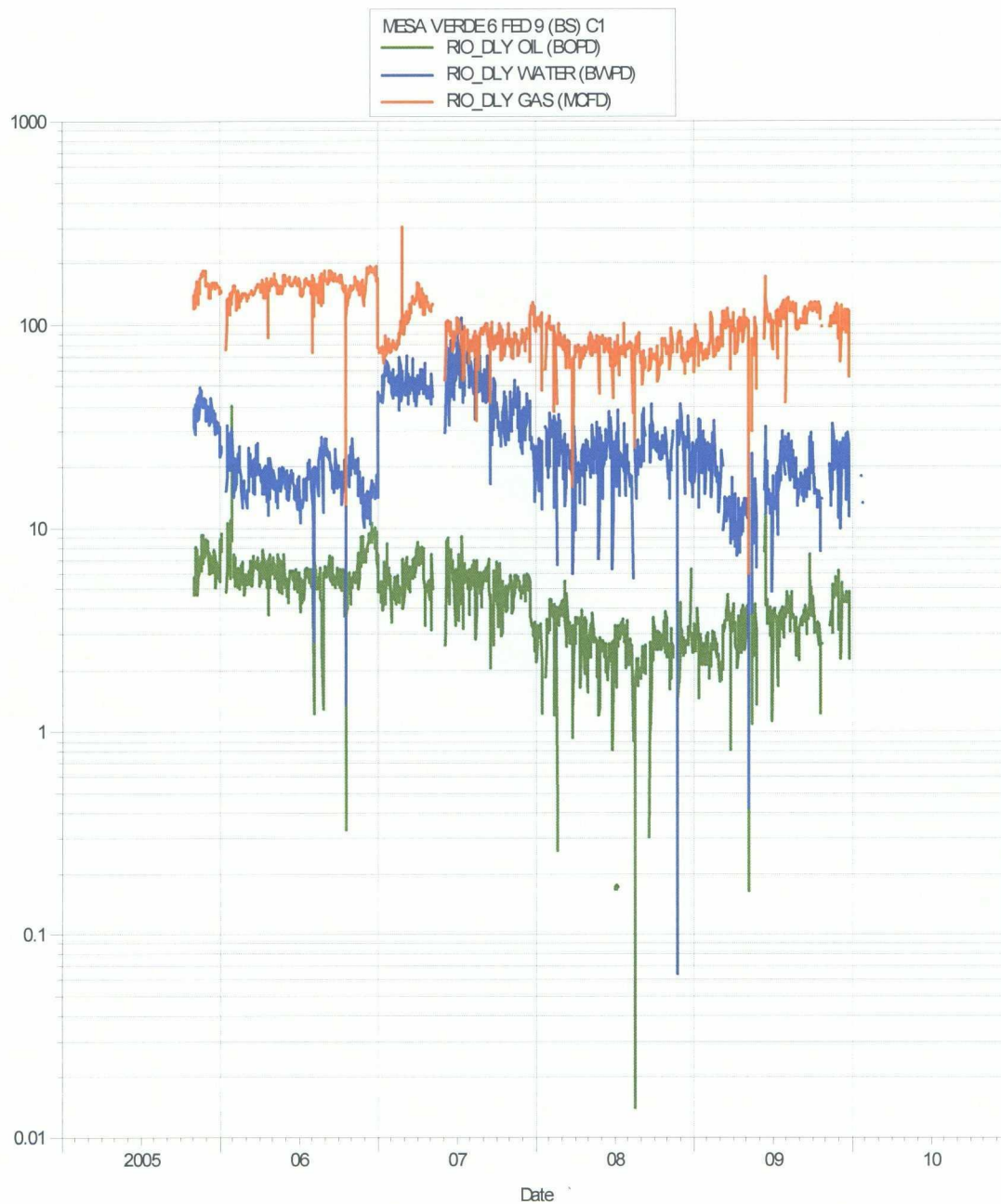


Mesa Verde 7#2 Bone Spring Production



Mesa Verde 7#7 Bone Spring Production







Devon Energy Corporation
20 North Broadway
Oklahoma City, OK 73102-8260

405 235 3611 Phone
www.devonenergy.com

January 27, 2010

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Downhole Commingling
Mesa Verde 6 Federal 11
SW/4 NW/4 Section 6-T24S-R32E
Lea County, New Mexico

Gentlemen:

I have reviewed the files of Devon Energy Production Company, L.P. regarding the ownership of the referenced well and find that the ownership of the working interest, royalty and overriding royalty interest are uniform with respect to Devon's request to downhole commingle the following pools/intervals:

Mesa Verde; Delaware - Pool Code: 96191
Mesa Verde; Bone Spring - Pool Code: 96229

If there are any questions or if additional information is required feel free to call me at (405) 552-8040.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.

A handwritten signature in black ink that reads "Katie A McDonnell". The signature is written in a cursive, flowing style.

Katie A. McDonnell
Landman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

FORM APPROVED
OMB NO. 1004-0135
EXPIRES: March 31, 2007

SUBMIT IN TRIPLICATE

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other _____

2. Name of Operator
DEVON ENERGY PRODUCTION COMPANY, LP

3. Address and Telephone No.
20 North Broadway, Oklahoma City, OK 73102-8260 405-552-8198

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
660' FSL & 660' FEL, Unit P Section 6 T24S R32E

5. Lease Serial No.
NM-77064

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Well Name and No.
Mesa Verde 6 Federal 11

9. API Well No.
30-025-39585

10. Field and Pool, or Exploratory
Mesa Verde Bone Spring

11. County or Parish State
Lea NM

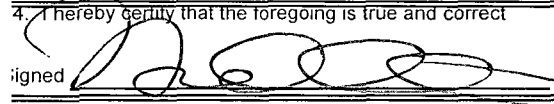
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other Downhole Commingle

3. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal deepens directionally or recompletes horizontally, give subsurface location and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirement, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

Devon Energy Production Company, LP respectfully requests approval to downhole commingle the Mesa Verde Bone Spring zone and the Mesa Verde Delaware zone. Application for approval has been filed with the New Mexico Oil Conservation Division, see Form C-107A attached.

4. I hereby certify that the foregoing is true and correct

Signed  Name Norvella Adams
Title Sr. Staff Engineering Technician Date 1/28/2010

This space for Federal or State Office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any: _____

Under 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations to any matter within its jurisdiction.

***See Instruction on Reverse Side**