

9/17/98 | 10/7/98 | MS | KW | NSL

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

HARDIE LS #5B

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [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]

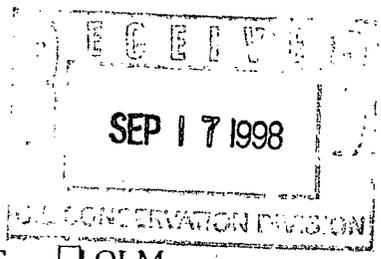
[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Directional Drilling
- NSL  NSP  DD  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



[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] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

PAMELA W. STALEY  
Print or Type Name

*Pamela W. Staley*  
Signature

REGULATORY AFFAIRS ENGR.  
Title

9/10/98  
Date



**Amoco Production Company**

Amoco Building  
1670 Broadway  
Post Office Box 800  
Denver, Colorado 80201-0800  
(303) 830-4040

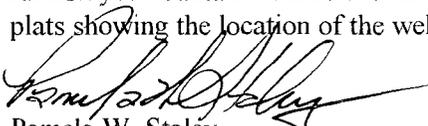
September 10, 1998

Ms. Lori Wrotenbery, Director  
New Mexico Oil Conservation Division  
2040 S. Pacheco Street  
P.O. Box 6429  
Santa Fe, NM 87505

**Application For Unorthodox Location**  
**Hardie LS #5B Well**  
**2350' FSL, 1160' FWL**  
**Unit L Section 23-T29N-R8W**  
**W/2 Spacing Unit**  
**Blanco Mesaverde Pool**  
**San Juan County, New Mexico**

Amoco Production Company hereby requests administrative approval for an unorthodox well location for the Hardie LS #5B well in the Blanco Mesaverde Pool. Amoco plans to drill this well at an unorthodox location as a third well in the existing spacing unit to access reserves which would otherwise be bypassed with the current well density. This well, as proposed, would be moving toward the center line of the spacing unit only and would be within the standard 790 foot setback from the outer boundaries of the spacing unit. We are locating this well toward the center of the spacing unit, away from the parent and original infill, which would cause it to fall outside the traditional drilling windows for the Blanco Mesaverde Pool.

A copy of this application will be submitted to the offset operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office. Attached are plats showing the location of the well, offset operators, and all Mesaverde wells drilled in the area.

  
Pamela W. Staley

**Attachments**

cc: Frank Chavez, Supervisor      Mark Yamasaki, Amoco  
     NMOCD District III              Gail Jefferson, Amoco  
     1000 Rio Brazos Road  
     Aztec, NM 87410

**WAIVER**

\_\_\_\_\_ hereby waives objection to Amoco's application for an unorthodox well location for the Hardie LS #5B well described above.

By: \_\_\_\_\_

Date: \_\_\_\_\_

APPLICATION FOR APPROVAL OF UNORTHODOX LOCATION UNDER RULE 104-F

**Hardie LS #5B Well  
2350' FSL, 1160' FWL, Unit L Section 23-T29N-R8W  
Blanco Mesaverde Pool**

ATTACHMENTS:

- 9-SECTION PLAT SHOWING LOCATION OF ALL OFFSET WELLS
- FORM C-102 FOR MESAVERDE FORMATION
- LIST OF ALL OFFSET OPERATORS AND THEIR ADDRESSES

LIST OF ADDRESSES FOR OFFSET OPERATORS

1 Burlington Resources Oil and Gas Co.  
P.O. Box 4289  
Farmington, NM 87499

2 El Paso Natural Gas Co  
614 Reilly Ave  
Farmington, NM 87401



AMOCO PRODUCTION COMPANY

HARDIE LS #5B - NEW DRILL  
 MESAVERDE - NINE SECTION PLAT  
 29N-8W-23NW/SW

ALC

9/9/98

Scale 1:24623.58

District I  
 PO Box 1980, Hobbs NM 88241-1980  
 District II  
 PO Drawer KK, Artesia, NM 87211-0719  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department

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

Form C-102  
 Revised February 21, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code		5 Property Name <b>HARDIE LS</b>			6 Well Number <b># 5B</b>
7 OGRID No. 000778		8 Operator Name <b>AMOCO PRODUCTION COMPANY</b>			9 Elevation <b>6418</b>

**10 Surface Location**

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	23	29 N	8 W		2350	SOUTH	1160	WEST	SAN JUAN

**11 Bottom Hole Location If Different From Surface**

1 UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 320.00	13 Joint or Infill	14 Consolidation Code	15 Order No.
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**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTEREST HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	<p><b>17 OPERATOR CERTIFICATION</b>          I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Gail M. Jefferson</i>          Signature          Gail M. Jefferson          Printed Name          Sr. Admin. Staff Asst.          Title          9/8/98          Date</p>
	<p><b>18 SURVEYOR CERTIFICATION</b>          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 belief.</p> <p><b>August 25, 1998</b>          Date of Survey</p> <p>Signature and Seal of Professional Surveyor            7016          Certificate Number</p>

Sec : 23 Twp : 29N Rng : 08W Section Type : NORMAL

D 40.00  Federal owned A	C 40.00  Federal owned A	B 40.00  Federal owned A	A 40.00  Federal owned
E 40.00  Federal owned	F 40.00  Federal owned	G 40.00  Federal owned	H 40.00  Federal owned A A

Sec : 23 Twp : 29N Rng : 08W Section Type : NORMAL

L 40.00  Federal owned A A	K 40.00  Federal owned	J 40.00  Federal owned	I 40.00  Federal owned A
M 40.00  Federal owned A	N 40.00  Federal owned A	O 40.00  Federal owned A	P 40.00  Federal owned A

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12