

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

HARDIE LS #4B

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-Quallified 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

[Signature]
 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 #4B Well
2200' FSL, 1225' FEL
Unit I Section 23-T29N-R8W
E/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 #4B 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
 NMOC 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 #4B well described above.

By: _____

Date: _____

APPLICATION FOR APPROVAL OF UNORTHODOX LOCATION UNDER RULE 104-F

Hardie LS #4B Well
2200' FSL, 1225' FEL, Unit I 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

District II
PO Drawer KX, Aramita, NM 87211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

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

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 HARDIE LS		⁶ Well Number # 4B
⁷ OGRID No. 000778	⁸ Operator Name AMOCO PRODUCTION COMPANY		⁹ Elevation 6398

¹⁰ Surface Location

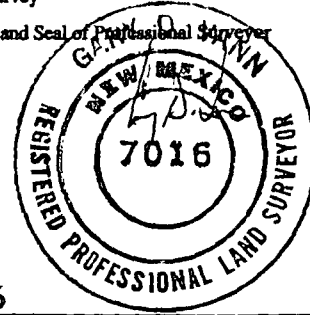
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	23	29 N	8 W		2200	SOUTH	1225	EAST	SAN JUAN

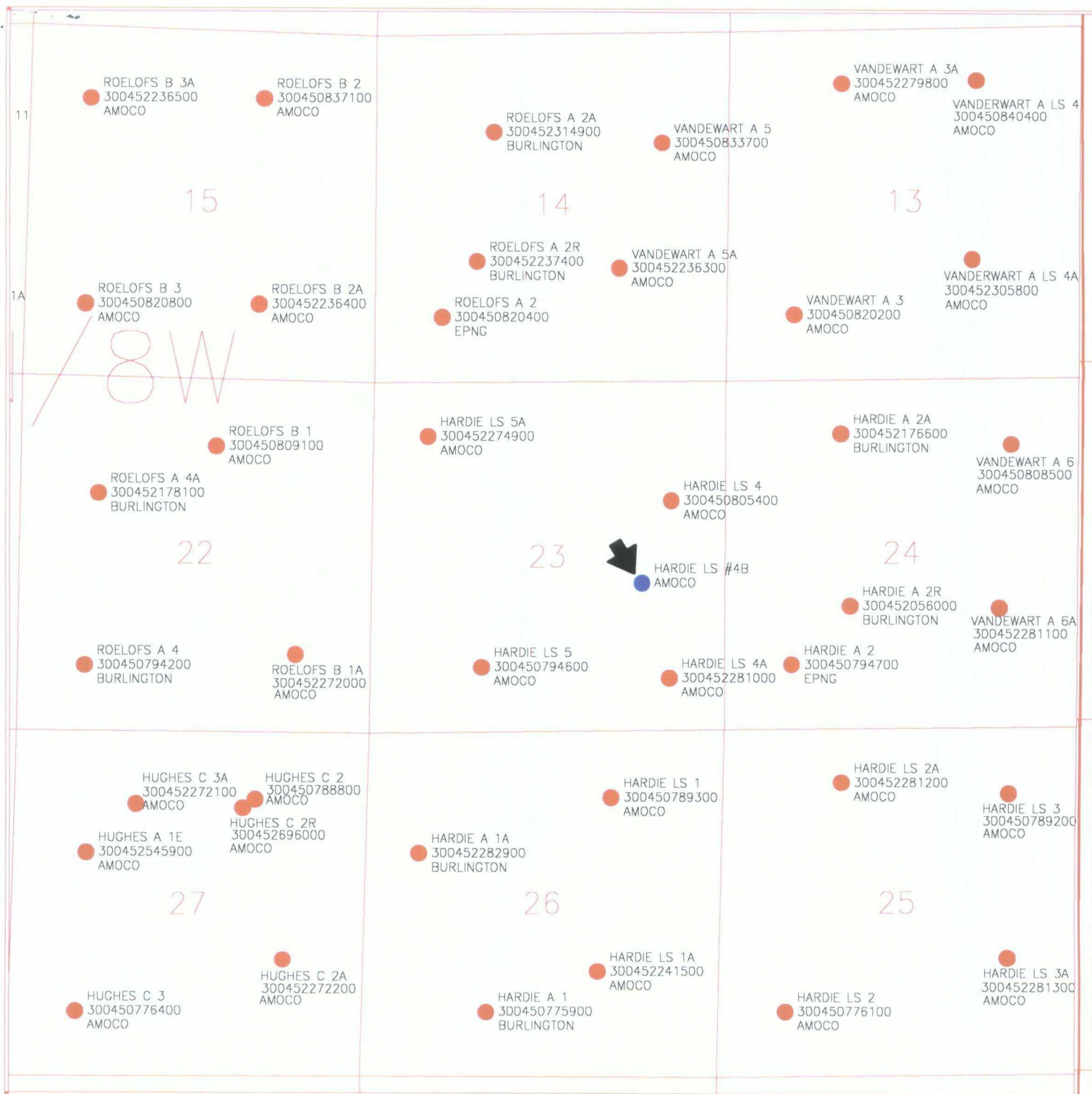
¹¹ Bottom Hole Location If Different From Surface

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**

<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 0; right: 0;">5207 (R)</div> <div style="position: absolute; bottom: 0; left: 0;">5193 (R)</div> <div style="position: absolute; bottom: 0; right: 0;">5184 (R)</div> <div style="position: absolute; bottom: 0; left: 0;">5234 (R)</div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 4em; font-weight: bold;">23</div> <div style="position: absolute; top: 60%; left: 60%;"> <div style="text-align: center;">1225'</div> <div style="text-align: center;">2200'</div> </div> </div>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p style="text-align: center;"><i>Gail M. Jefferson</i></p> <p>Signature</p> <p style="text-align: center;">Gail M. Jefferson</p> <p>Printed Name</p> <p style="text-align: center;">Sr. Admin. Staff Asst.</p> <p>Title</p> <p style="text-align: center;">9/8/98</p> <p>Date</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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 style="text-align: center;">August 25, 1998</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <div style="text-align: center;">  </div> <p style="text-align: center;">7016</p> <p>Certificate Number</p>



AMOCO PRODUCTION COMPANY		
HARDIE LS #4B - NEW DRILL MESAVERDE - NINE SECTION PLAT 29N-8W-23NE/SE		
ALC		9/9/98
	Scale 1:24823.58	

CMD. :
OG5SECT.

ONGARD
INQUIRE LAND BY SECTION

09/29/98 13:25:07
OGOIV -EMFH
PAGE NO: 1

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

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

CMD :
OG5SECT.

ONGARD
INQUIRE LAND BY SECTION

09/29/98 13:25:16
OGOIV -EMFH
PAGE NO: 2

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

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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