

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

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-101  
Revised March 17, 1999

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1 Operator Name and Address Apache Corporation 6120 S. Yale, Ste. 1500 Tulsa, OK 74136		2 OGRID Number 000873
4 Property Code 26474		3 API Number 30-025-07232
5 Property Name L. W. Ward		6 Well No. 3

**7 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
J	11	13S	38E		1983'	south	1515'	east	Lea

**8 Proposed Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
9 Proposed Pool 1 Bronco (Mississippian)					10 Proposed Pool 2				

11 Work Type Code P	12 Well Type Code O	13 Cable/Rotary	14 Lease Type Code P	15 Ground Level Elevation 3810'
16 Multiple N	17 Proposed Depth current 11,867'	18 Formation Bronco Siluro Devonian	19 Contractor	20 Spud Date ASAP

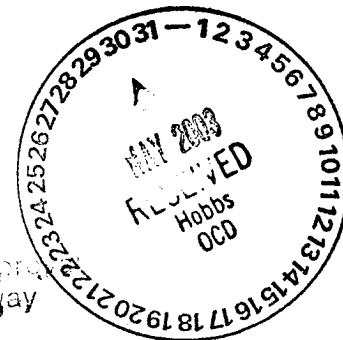
**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	54#	319	450	Did not circ.
12 1/4"	9 5/8"	36#	4546'	1500	2387'
8 3/4"	7"	24#	11,720'	700	6489'

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

- 1) Set CIBP @ approximately 11,700' and cap w/3 sx of cement.
- 2) Perforate the Mississippian @ approximately 10,975'-11,000'.
- 3) Acidize Mississippian w/1250 gals 15% NEFE acid.

Permit Expires 1 Year From Approval Date Unless Drilling Underway  
*Plug-Back*



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

Signature: *Marcia Henderson*

Printed Name: Marcia Henderson

Title: Engineering Tech

Date: 5/1/2003

Phone: (918) 491-4984

**OIL CONSERVATION DIVISION**

Approved by: *[Signature]*

Title: PETROLEUM ENGINEER

Approval Date: MAY 09 2003 Expiration Date:

Conditions of Approval:

Attached ☐

*When well is P+R must ~~insert~~ bring cement on surface casing to surface.*

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102

Revised October 18, 1994

District II  
P O Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

2040 S. Pacheco

Santa Fe, New Mexico 87505

Instruction on Back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

☐ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-07232	<sup>2</sup> Pool Code 07360	<sup>3</sup> Pool Name Bronco; Mississippian
<sup>4</sup> Property Code 26474	<sup>5</sup> Property Name L W Ward	<sup>6</sup> Well Number 3
<sup>7</sup> OGRID No. 000873	<sup>8</sup> Operator Name Apache Corporation	<sup>9</sup> Elevation 3810'

<sup>10</sup> Surface Location

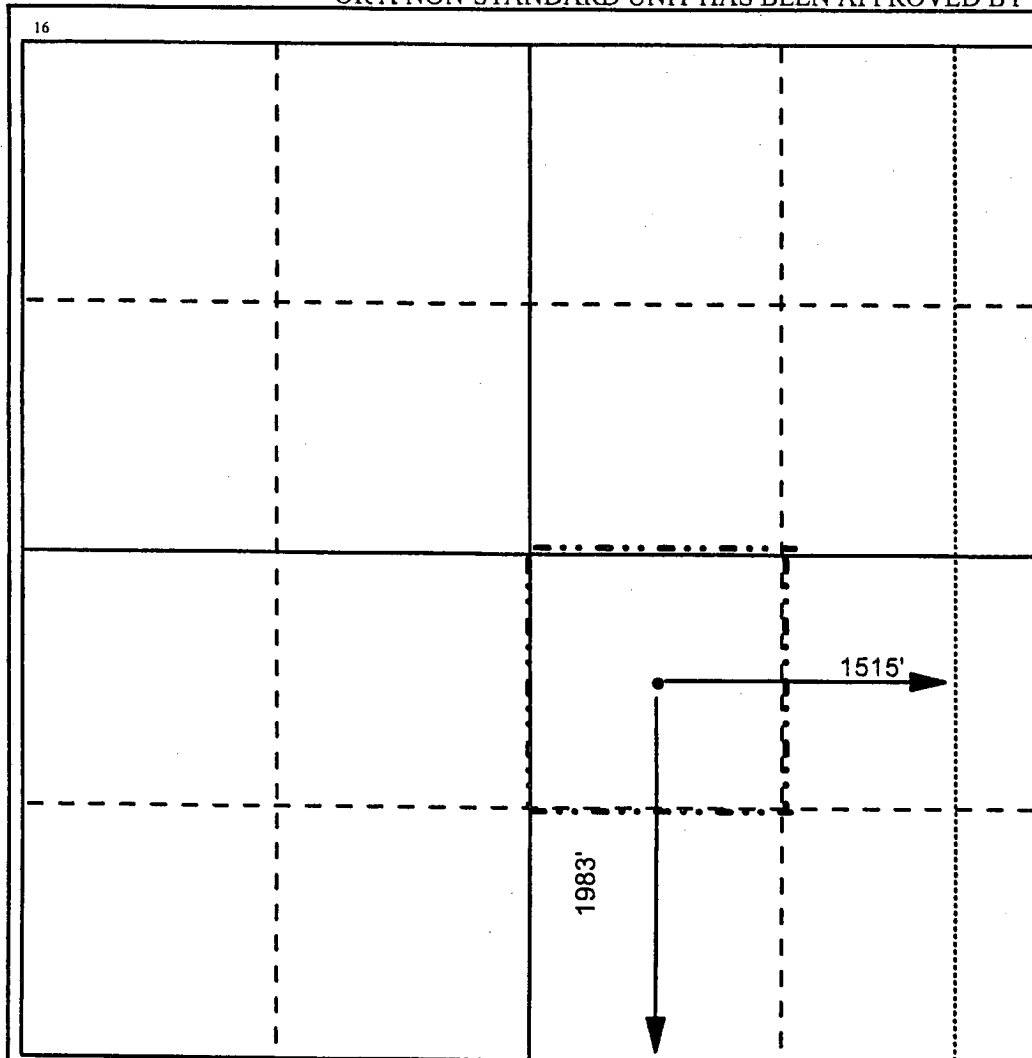
UL or Lot No. J	Section 11	Township 13S	Range 38E	Lot Idn	Feet from the 1983	North/South line South	Feet from the 1515	East/West line East	County Lea
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>14</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

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

*Marcia Henderson*  
Signature

Marcia Henderson

Printed Name

Engineering Tech

Title

5-1-03

Date

<sup>18</sup> SURVEYOR CERTIFICATION

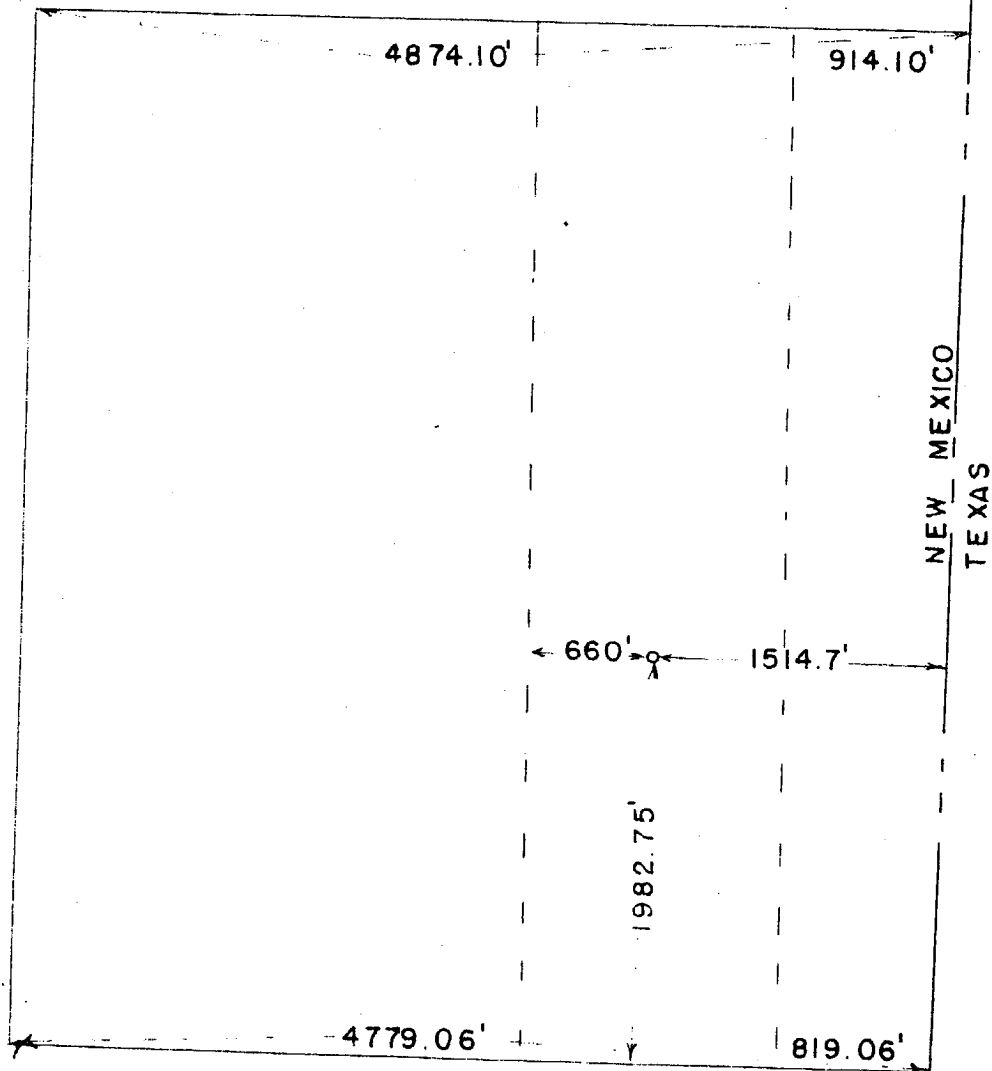
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Surveyed

Signature and Seal of Professional Surveyor

Certificate Number

OPERATOR AMEADA PETROLEUM CORP.  
LEASE L. W. WARD  
WELL NO. 3



SEC. 11, TWP 13S, RGE. 38E, NM. PM.

I HEREBY CERTIFY THAT THIS PLAT WAS MADE  
FROM NOTES TAKEN IN THE FIELD BY ME IN  
AN ACTUAL BOCA FIDE SURVEY AND THAT THE  
SAME IS TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

*John W. West*

JOHN W. WEST, P. E. & L. S. NO. 676

DEC 19, 1953