

District I
1625 N. French Dr., 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

Form C-101
June 16, 2001

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☒ 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 Ave, Suite 1500 Tulsa, Oklahoma 74136-4224						² OGRID Number 873 ✓					
³ Property Code 306605 ✓						⁵ Property Name LOU WORTHAN				⁶ Well No. 003 ✓	
⁹ Proposed Pool 1 Wantz-Granite Wash; Drinkard & Tubb Oil & Gas (Oil)						¹⁰ Proposed Pool 2 Wantz-Abo & Blinbry Oil & Gas (Gas)					
⁷ Surface Location											
UL or lot no. B	Section 11	Township 22S	Range 37E	Lot Idn B	Feet from the 990	North/South line N	Feet from the 2310	East/West line E	County 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		
Additional Well Information											
¹¹ Work Type Code A ✓		¹² Well Type Code O & G		¹³ Cable/Rotary Rotary		¹⁴ Lease Type Code P		¹⁵ Ground Level Elevation 3351			
¹⁶ Multiple N		¹⁷ Proposed Depth 7900		¹⁸ Formation Granite Wash		¹⁹ Contractor		²⁰ Spud Date			

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.25"	9.625"	40	1100'	600	0
8.75"	5.5"	17	7900'	1600	0


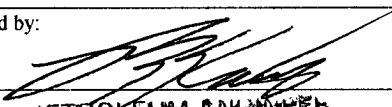
Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

The Lou Worthan No. 3 was originally permitted (APD approved 10/23/2009) for completions in the Blinbry Oil & Gas (Oil - 6660), Tubb Oil & Gas (Oil - 60240), Drinkard (19190) and Wantz-Granite Wash (62730) Pools at a standard well location 990' FNL & 2310' FEL (Unit B) of Section 11, T-22 South, R-37 East.

Apache Corporation now requests to amend the original APD for this well as follows:

The Blinbry Oil & Gas Pool completion will be changed from oil to gas (Gas-72480). The proposed Lou Worthan No. 3 and the existing Lou Worthan No. 21 (API No. 30-025-33426) located 660' FNL & 1350' FEL (Unit B) of Section 11 (NSL-3676) will be simultaneously dedicated to a non-standard 40-acre gas spacing and proration unit comprising the NW/4 NE/4 of Section 11. The subject non-standard gas proration unit and simultaneous dedication was approved by Division Order No NSP-1937 and NSP-1937-A-npt.

Apache further requests approval to add the Wantz-Abo Pool (62700) as a completion in this well.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: 			
Printed name: David Catanach		Approved by: 	
Title: Agent for Apache Corporation		Title: PETROLEUM ENGINEER	
E-mail Address: drccatanach@netscape.com		Approval Date: JAN 20 2010	
Date: 1/13/2010		Expiration Date:	
Phone: (505) 690-9453		Conditions of Approval: Approval to drill & test all new zones separate, but cannot produce Downhole commingle until DHC is approved in Hobbs District office according to R-11363	

Permit Expires 2 Years From Approval Date Unless Drilling Underway

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JAN 19 2010

HOBBSD

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39549	Pool Code 62700	Pool Name Wantz-Abo
Property Code 306605	Property Name WORTHAN, LOU	Well Number 3
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3351'

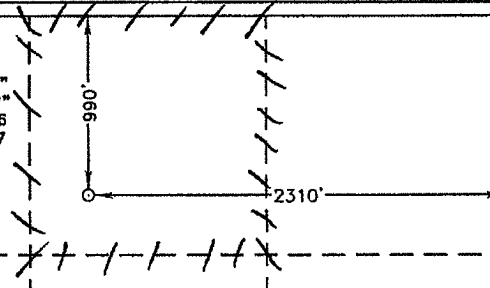
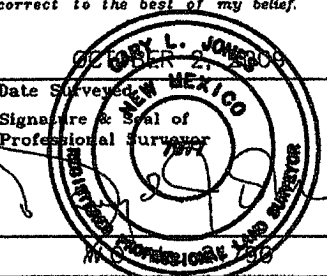
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	11	22 S	37 E		990	NORTH	2310	EAST	LEA

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
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

<p>SURFACE LOCATION Lat - N 32°24'39.45" Long - W 103°07'57.87" NMSPC- N 515318.906 E 911848.567 (NAD-83)</p> 	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>David Catanach</i> 1/13/10 Signature Date</p> <p>David Catanach Printed Name</p>
	<p>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></p> <p>Date Surveyed Signature & Seal of Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>

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API Number 30-025-39549	Pool Code 72480	Pool Name Blinebry Oil & Gas (Pro Gas)
Property Code 306605	Property Name WORTHAN, LOU	Well Number 3
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3351'

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