

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

May 27, 2004

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, OK 74136-4224		² OGRID Number 00873
		⁴ API Number 30-025-36421
³ Property Code 303216	⁵ Property Name Dixie Queen	⁶ Well No. 001
⁹ Proposed Pool 1 House; Blinebry (33230)		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. P	Section 11	Township 20S	Range 38E	Lot Idn	Feet from the 330	North/South line South	Feet from the 660	East/Westline East	County Lea
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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/Westline	County
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Additional Well Information

¹¹ Work Type Code A	¹² Well Type Code O	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3,563'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 7,800' TD / 6,881' PBD	¹⁸ Formation Blinebry/Tubb	¹⁹ Contractor	²⁰ Spud Date OPEN
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> milstuck Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____ Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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"	61#	80'	50	surface
12-1/4"	8-5/8"	24#	1591'	740	surface
7-7/8"	5-1/2"	17#	7800'	1730	1845 calc

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.

Currently producing House; Tubb (78760) perms fr/6,688' - 6,736'.

Plan to:

1. MIRU pulling unit.
2. P/U workstring and clean out to PBTD @ 6,881'.
3. RIH w/ composite BP and set @ 6,650'.
4. Perforate upper Tubb fr/ 6,488' - 6,502'.
5. Stimulate new Tubb perms.
6. RIH w/ composite BP and set @ 6,450'.
7. Perforate lower Blinebry fr/ 6,288' - 6,300'.
8. Stimulate new Blinebry perms.
9. Test Blinebry.
10. POOH w/ composite BP @ 6,450' and 6,650'.
11. Request DHC and put on production Blinebry/Tubb.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Sophie Mackay

Title: Engineering Tech

E-mail Address: sophie.mackay@apachecorp.com

Date: 03/16/2007

Phone: (918)491-4864

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval: Approval to recompleat & test new zone, but cannot produce Downhole commingle until DHC is approved in Hobbs District office according to R-11363.



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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36421		Pool Code 33230		Pool Name House; Blinebry	
Property Code 303216		Property Name Dixie Queen			Well Number 001
OGRID No. 00873		Operator Name Apache Corporation			Elevation 3,563' GR

¹⁰ Surface Location

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P	11	20S	38E		330	South	660	East	Lea

¹¹ 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.

16					¹⁷ OPERATOR CERTIFICATION <i>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 or has a right to drill this well at this 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.</i>	
					Signature <i>Sophie Mackay</i>	Date 03/16/2007
					Printed Name Sophie Mackay	
					¹⁸ SURVEYOR CERTIFICATION <i>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.</i>	
					Date of Survey	
					Signature and Seal of Professional Surveyor:	
					Certificate Number	

660
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36421		Pool Code 78760	Pool Name House; Tubb
Property Code 303216	Property Name Dixie Queen		Well Number 001
OGRID No. 00873	Operator Name Apache Corporation		Elevation 3,563' GR

¹⁰ Surface Location

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										Signature: <u>Sophie Mackay</u> Date: <u>03/16/2007</u> Printed Name: <u>Sophie Mackay</u>
										¹⁸ 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 of Survey Signature and Seal of Professional Surveyor: Certificate Number

330
660