

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
³ Property Code 303109		⁴ API Number 30-025-07771
⁵ Property Name Cone B		⁶ Well No. 001
⁹ Proposed Pool 1 House; Tubb (78760)		¹⁰ Proposed Pool 2 House; Blinebry, S (33225)

⁷ Surface Location

UL or lot no. J	Section 12	Township 20S	Range 38E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1980	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 P	¹² Well Type Code O	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3559'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 7070' TD / 6865' PBTD	¹⁸ Formation Blinebry/Tubb	¹⁹ Contractor	²⁰ Spud Date
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner Synthetic <input type="checkbox"/> milst thick Clay <input type="checkbox"/>		Pit Volume: _____ bbls		
Closed-Loop System <input type="checkbox"/>		Drilling Method: _____		
		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
13-3/4"	10-3/4"	29#	310'	250	TOC - circ
9-7/8"	7-5/8"	26.4# & 24#	3741'	600	TOC - 2650'
6-3/4"	5-1/2"	17# & 15.5#	7024'	200	TOC - 5200'

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.

Current Profile: This well last produced from the Drinkard 12/2007 and is currently shut in.

Drinkard Perfs fr/ 6976 - 7001' and Drinkard Open Hole fr/ 7024 - 7070'

Apache proposes to plug back the Drinkard and recomplete this well to the Blinebry/Tubb via the following procedure:

1. MIRU pulling unit. CO to TD @ 7070'.
2. Set CIBP over Drinkard @ 6900' w/ 35' cmt to PBTD @ 6865'.
3. Run logs for engineer evaluation.
4. Perforate, acidize and fracture stimulate Tubb.
5. Perforate Blinebry.
6. Set RBP over Tubb @ +/- 50' above top Tubb perf.
7. Acidize and fracture stimulate Blinebry.
8. Pull RBP between Tubb and Blinebry.
9. RIH w/ pump & rods and place well on production from the Blinebry/Tubb.

See attached application for DHC.

Permit Expires 7 Years from Approval
Date Unless Drilling Underway

Plugback

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 10/30/2008

Phone (918)491-4864

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date

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

1220 S. St. Francis Dr., Santa Fe, NM 87505

Santa Fe, NM 87505

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-025-07771		*Pool Code 33225	*Pool Name House; Blinebry, South
*Property Code 303109	*Property Name Cone B		*Well Number 001
*OGRID No. 00873	*Operator Name Apache Corporation (873)		*Elevation 3559'

¹⁰ Surface Location

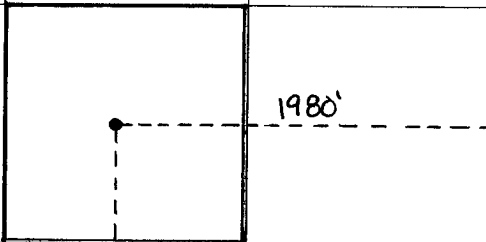
Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	12	20S	38E		1980	South	1980	East	Lea

¹¹ Bottom Hole Location If Different From Surface

Borehole Location 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	" Joint or Infill	" Consolidation Code	" Order No.
40			

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				<p>17 OPERATOR CERTIFICATION</p> <p><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></p> <p><u>Sophie Mackay</u> 10/30/2008 Signature Date</p> <p><u>Sophie Mackay</u> Printed Name</p>
				<p>18 SURVEYOR CERTIFICATION</p> <p><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></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p>
				<p>Certificate Number</p>

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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 30-025-07771	' Pool Code 78760	' Pool Name House; Tubb
' Property Code 303109	' Property Name Cone B	' Well Number 001
' OGRID No. 00873	' Operator Name Apache Corporation (873)	' Elevation 3559'

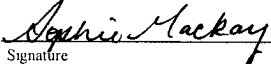
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	12	20S	38E		1980	South	1980	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 10/30/2008 Date Sophie Mackay Printed Name
					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