

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 API Number 30-025-25208
⁴ Property Code 26469	⁵ Property Name Gill Deep	⁶ Well No. 004
⁹ Proposed Pool 1 Tubb Oil & Gas (Oil) (60240)		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. K	Section 31	Township 21S	Range 37E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1980	East/Westline West	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/A	¹² Well Type Code O	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3,472'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 6,750' TD / 6,420' 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"/> milst thick 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
13-3/4"	10-3/4"	32.5# & 40.5#	1183'	700 sx	0, circ
7-7/8"	5-1/2"	15.5#	6749'	2801 sx	0, circ

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 Blinebry Oil & Gas (6660) perms fr/5,530' - 6,120' and Drinkard (19190) perms fr/6,514' - 6,660'.

Plan to:

1. MIRU pulling unit.
2. Clean out to PBD @ 6,710' / 35'
3. Set CIBP @ +/- 6,450' w/ 30' cmt to plug back Drinkard.
4. Perforate Tubb zone.
5. Isolate Tubb zone with frac string and pkr. Stimulate Tubb perforations.
6. Isolate Blinebry zone with frac string, pkr & RBP. Stimulate Blinebry zone.
7. POOH w/ pkr & frac string.
8. Install production equipment.
9. 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 NMOC 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: 06/07/2007

Phone: (918)491-4864

OIL CONSERVATION DIVISION

Approved by:

Chris Williams

Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date: JUN 25 2007 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

¹ API Number 30-025-25208		² Pool Code 6660		³ Pool Name Blinebry Oil & Gas (Oil)	
⁴ Property Code 26469		⁵ Property Name Gill Deep			⁶ Well Number 004
⁷ OGRID No. 00873		⁸ Operator Name Apache Corporation			⁹ Elevation 3472' GR

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
K	31	21S	37E		1980	South	1980	West	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
¹² Dedicated Acres 40		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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				<p>¹⁷ OPERATOR CERTIFICATION 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.</p> <p><i>Sophie Mackay</i> 05/11/2007 Signature Date</p> <p>Sophie Mackay Printed Name</p>
1980				<p>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.</p> <p>Date of Survey Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>

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¹ Property Code 26469		¹ Property Name Gill Deep			¹ Well Number 004
¹ OGRID No. 00873		¹ Operator Name Apache Corporation			¹ Elevation 3472' GR

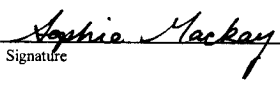
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