

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

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

Submit to appropriate District Office

AMENDED REPORT

RECEIVED
MAR 21 2008
HOBBS OCD

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

Operator Name and Address Apache Corporation 6120 S Yale Ave, Suite 1500 Tulsa, OK 74136-4224		OGRID Number 00873
Property Code 26464		API Number 30-025-10158
Property Name AB Baker		Well No. 004
Proposed Pool 1 Tubb Oil & Gas (Oil)		Proposed Pool 2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Westline	County
P	10	22S	37E		880	South	880	East	Lea

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

Additional Well Information

Work Type Code A	Well Type Code G	Cable/Rotary	Lease Type Code P	Ground Level Elevation 3379'
Multiple Yes	Proposed Depth 6475'	Formation Bli-Tu-Dri	Contractor	Spud Date
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> milsthick 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"/>				

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/4"	13"	40#	138'	200	TOC - circ
11"	8-5/8"	24# & 32#	2670'	1500	TOC - 474' TS
7-7/8"	5-1/2"	15.5#	6475'	600	TOC - 2989' TS

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.

Permit Expires 2 Years From Approval Date Unless Drilling Underway

Current Profile:

- Blinebry perforations fr/ 5422-5686', currently producing.
Drinkard perforations fr/ 6220-6473', currently producing.
Apache proposes to recomplete this well to include the Tubb via the following procedure:
1. MIRU pulling unit. Pull production equipment. CO to PBTB.
 2. Run logs from PBTB to +/- 3000'.
 3. Perforate Tubb at interval selected by engineer.
 4. Isolate, acidize and fracture stimulate Tubb.
 5. Place well on production from Blinebry-Tubb-Drinkard.
 6. Use subtraction method to allocate production and request DHC from Hobbs.

Adding

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 .

OIL CONSERVATION DIVISION

Approved by:

Chris Williams

Printed name: Sophie Mackay

Title: **OC DISTRICT SUPERVISOR/GENERAL MANAGER**

Title: Engineering Tech

Approval Date: **MAR 21 2008**

Expiration Date:

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

Conditions of Approval: Applicant to drill & test all new zones separate, but cannot produce downhole commingle until DHC is approved in Hobbs District office according to R-11363

Date: 03/20/2008

Phone: (918)491-4864

MAR 21 2008

AB Baker #4
API - 30-025-101581
880' FSL & 880' FEL
Sec. 10 T-22S R-37E
Lea County, New Mexico
Spud Date - 1948



Completions

Date	Zone	Perfs
1948	Drinkard	6220 - 6473
1973	Blinbry	5422 - 5686

Surface Casing (17-1/4" Hole)
13" 40# 0'-138' 200 sxs cmt. TOC-0' Circ.

Intermediate Casing (11" Hole)
8.625" 24# & 32# 0'-2870' 1500 sxs cmt. TOC-474' Survey.

Perfs @ 5422 - 5686

Perfs @ 6220 - 6473

Production Liner (7-7/8" Hole)
5.5" 15.5# 0'-6475' 600 sxs cmt. TOC-2989' Survey.

Created by
CM 3/4/2008

PROPOSED

AB Baker #4
API - 30-025-101581
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Perfs @ 5422 - 5686

New Tubb Proposed Perfs

Perfs @ 6220 - 6473

Production Liner (7-7/8" Hole)
5.5" 15.5# 0'-6475' 600 sxs cmt. TOC-2989' Survey.

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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 30-025-10158		Pool Code 60240	Pool Name Tubb Oil & Gas (Oil)
Property Code 26464	Property Name AB Baker		Well Number 004
OGRID No. 00873	Operator Name Apache Corporation		Elevation 3379'

¹⁰ Surface Location

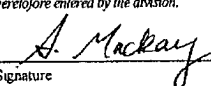
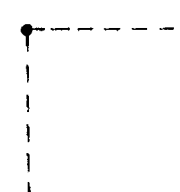
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¹¹ Bottom Hole Location If Different From Surface

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.
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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.

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 03/20/2008 Date Sophie Mackay Printed Name
					Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number

Mull, Donna, EMNRD

From: Mull, Donna, EMNRD
To: Mackay, Sophie
Cc:
Subject: RE: C-101 AB Baker #4
Attachments:

Sent: Thu 3/20/2008 1:49 PM

Sophie, I have no one in the office to official sign this today. It will be signed in the morning.

But you have a verbal to go ahead and do the work.

With the condition: that you cannot produce Downhole commingled with multiple zones. To obtain approval for Downhole commingle will require the form C-103 per R-11363 "Pre approved pools and area" for Downhole commingle before multiple zones can be produced by commingling in the wellbore accordance with the procedure set forth in Rule 303C(3)(b).

Hope this helps. Have a nice day. Donna

From: Mackay, Sophie [mailto:sophie.mackay@usa.apachecorp.com]
Sent: Thu 3/20/2008 10:40 AM
To: Mull, Donna, EMNRD
Cc: Mills, Clinton
Subject: C-101 AB Baker #4

Donna,

I know this is last minute notice, but our guys are ready to go on this one as soon as you can get the C-101 approved. Please let me know how soon this is possible. Thank you.

Sophie Mackay
Engineering Tech II
Apache Corporation
(918) 491-4864 Phone
(918) 491-4846 Fax
sophie.mackay@apachecorp.com

This inbound email has been scanned by the MessageLabs Email Security System.
