

District I

1625 N French Dr., Hobbs, NM 88240

District II

1301 W Grand Avenue, Artesia, NM

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

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JUN 18 2009

HOBBSOCD

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

Operator Name and Address Apache Corporation 6120 S Yale Ave, Suite 1500 Tulsa, OK 74136-4224		00873 OGRID Number
Property Code 37346		API Number 30-025-06618
Property Name West Blinebry Drinkard Unit		Well No 077
Proposed Pool 1 Eunice; Blinebry-Tubb-Drinkard, North		Proposed Pool 2

7 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Westline	County
J	16	21S	37E		1980	South	1980	East	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/Westline	County
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Additional Well Information

Work Type Code A	Well Type Code O	Cable/Rotary	Lease Type Code S (BO-0085)	Ground Level Elevation 3459'
Multiple Yes	Proposed Depth 6629'	Formation Bli-Tu-Dri	Contractor	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
No Change					

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:

Blinebry perforations fr/ 5565-5975', currently producing.

Tubb perforations fr/ 6180-6290', below CIBP @ 6160'.

Drinkard perforations fr/ 6391-6629', below CIBP @ 6366'.

Apache proposes to re-open the Drinkard, and re-open and add perfs to the upper Tubb, via the following procedure:

1. MIRU pulling unit. Pull production equipment. DO CIBP @ 6160' and DO CIBP @ 6366'. CO to PBTB @ 6629'.
2. Perforate Upper Tubb at interval selected by engineer.
3. Isolate and acidize Drinkard.
4. Isolate and acidize Tubb.
5. Isolate and acidize Blinebry.
6. Place well on production from Blinebry-Tubb-Drinkard per R-12538.

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway**

Adding Perfs

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 06/15/2009

Phone (918)491-4864

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date

JUN 23 2009

Conditions of Approval Attached ☐

Present

WELL DATA SHEET

Last Update: 2-6-09

Lease Name: WBDV #77 (State DA #3)

API No: 30-025-06618

Location: 1980'S/1980'E
C-NW-SE, Sec 16, T-21S, R-37E

County: Lea ST: NM

Spud Date: 7-4-47 Well Elev: 3459' GL 10' KB

TD Date: 8-4-47 Completion Date: 8-8-47

TD: 6630' PBD: 6118' TOC: 2845' (+3)

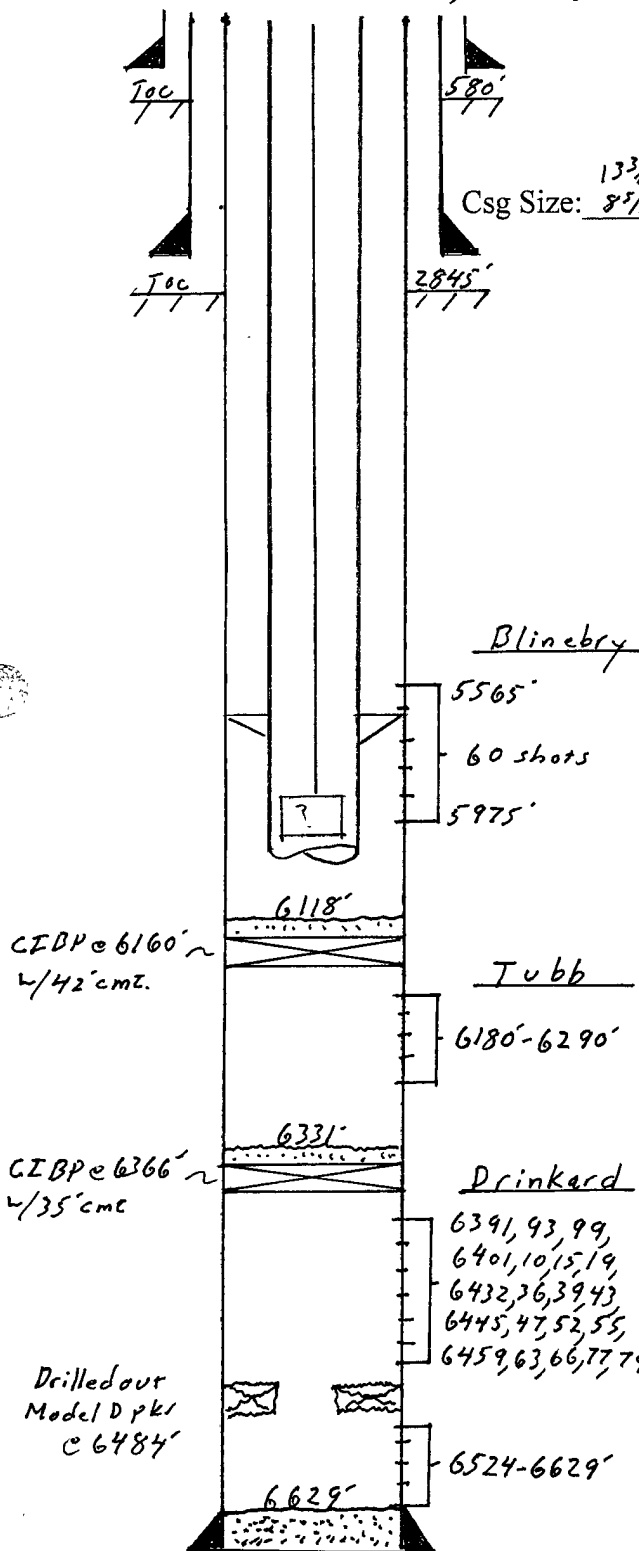
Csg Size: 8 3/8" Wt: 32/36# Grd: J-55/N-80 Dpth: 213' Cmt: 200 SX (circ)
1550 SX

Producing Formation: Blinebry

Perfs: From 5565' to 5975' /spf _____ to _____
_____ to _____ /spf _____ to _____

IP: _____ BOPD _____ BWPD _____ MCF/D

Well History: (See Attached)



Well Equipment:

Pumping Unit: C 228-200-74

Motor Type: _____ HP: 20 POC: _____

Tbg: 191 Jts 2 3/8" Size 4.7" Grade J-55

MA @ _____ SN @ 6008' TAC @ 5659' (4-24-07)

Rods: 239- 3/4" KD

Pump: 2" x ? x 16" (4-24-07)

Csg Size: 5 1/2" Wt: 15.5# Grd: J-55 Dpth: 6630' Cmt: 500 SX

Proposed

WELL DATA SHEET

Last Update: _____

Lease Name: WBDH #77 (State DA #3)

API No: 30-025-06618

Location: 1986'S/1986'E
C-NW-SE, Sec. 16, T-21S, R-37E

County: Lea ST: NM

Spud Date: 7-4-47 Well Elev: 3459' GL 10' KB

TD Date: 8-4-47 Completion Date: 8-8-47

TD: 6630' PBTD: 6629' TOC: 2845' (45')

Csg Size: 8-5/8" Wt: 32/36 # Grd: J-55/N-80 Dpth: 2807' Cmt: 1550 5x

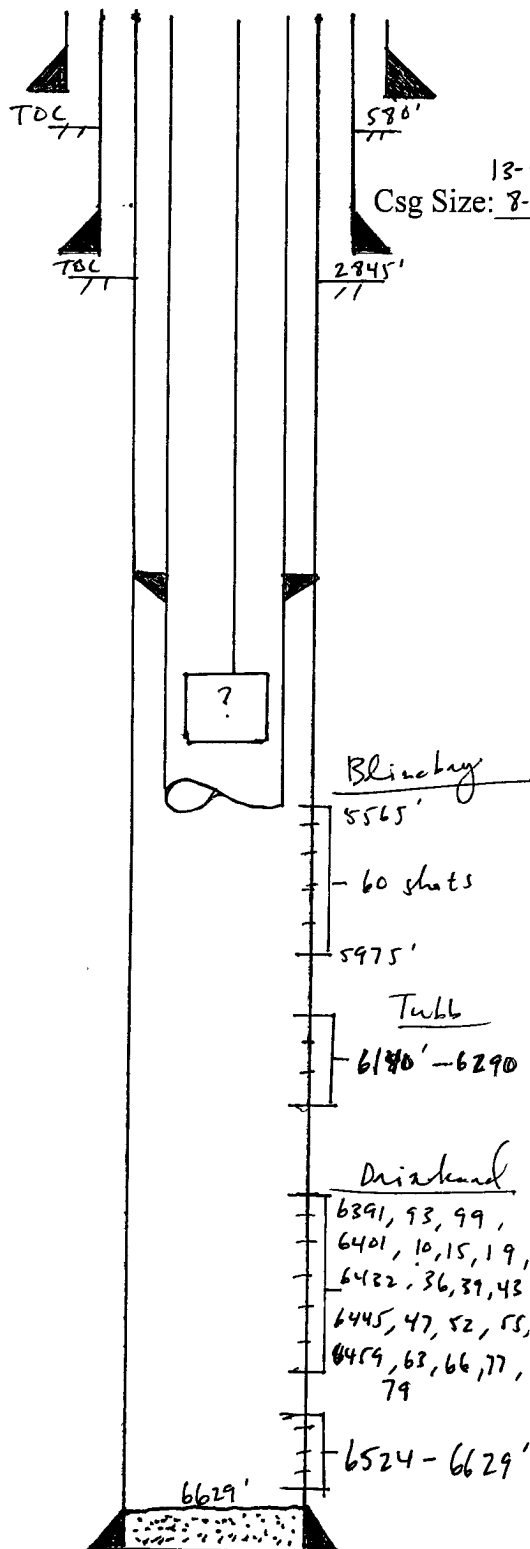
Producing Formation: Blinney/Tubbs/Driskell

Perfs: From _____ to _____ /spf _____ to _____

_____ to _____ /spf _____ to _____

IP: _____ BOPD _____ BWPD _____ MCF/D

Well History: _____



Well Equipment:

Pumping Unit: C 228-200-74

Motor Type: _____ HP: 20 POC: _____

Tbg: 107 Jts 2-3/8" Size 4.7 # Grade J-55

MA @ _____ SN @ 6008' TAC @ 5659' (4-24-04)

Rods: 239 - 3/4" KD

Pump: 2" x ? x 16' (4-24-04)

TD: 6630'

Csg Size: 5-1/2" Wt: 15.5 # Grd: J-55 Dpth: 6630' Cmt: 500 5x

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State of New Mexico
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 30-025-06618	' Pool Code 22900	' Pool Name Eunice; Blinebry-Tubb-Drinkard, North
' Property Code 37346	' Property Name West Blinebry Drinkard Unit	' Well Number 077
' OGRID No. 00873	' Operator Name Apache Corporation (873)	' Elevation 3459'

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	16	21S	37E		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 <u>S. Mackay</u> Date <u>06/12/2009</u> Printed Name <u>Sophie Mackay</u>				
					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				