

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
Minerals and Natural Resources
RECEIVED
JUN 18 2009
Conservation Division
1220 South St. Francis Dr.
HOBBSOCD Santa Fe, NM 87505

Form C-101
May 27, 2004

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 37346		⁴ Property Name West Blinebry Drinkard Unit
⁵ Proposed Pool 1 Eunice; Blinebry-Tubb-Drinkard, North		⁶ Well No 072
⁷ Surface Location		

UI or lot no J	Section 17	Township 21S	Range 37E	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									
UI or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Westline	County

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 3471'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 6639'	¹⁸ Formation Bli-Tu-Dri	¹⁹ Contractor	²⁰ Spud Date OPEN
Depth to Groundwater		Distance from nearest fresh water well.		Distance from nearest surface water
Pit Liner Synthetic ☐ milstuck Clay ☐ Pit Volume _____ bbls Drilling Method _____ Closed-Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

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/ 5642-5860', currently producing.
Tubb perforations fr/ 6252-6344', currently producing.
Drinkard perforations fr/ 6574-6637', below CIBP @ 6535'

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

1. MIRU pulling unit. Pull production equipment. DO CIBP @ 6535'. CO to PBTD @ 6639'.
2. Run logs from PBTD to +/- 6000'.
3. Perforate Upper Drinkard at interval selected by engineer.
4. Perforate Upper Tubb at interval selected by engineer.
5. Isolate, acidize and fracture stimulate Drinkard.
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: 1-23-09

Lease Name: WBDU #72 (W.W. Weatherly #2)

API No: 30-025-06645

Location: 1980'S/1980'S

C-NW-SE, Sec 17, T-21S, R-37E

County: Lea

ST: NM

Spud Date: 8-1-47 Well Elev: 3471' GL 8' KB

TD Date: 9-3-47 Completion Date: 9-11-47

TD: 6639' PBTD: 6510' TOC: 2500' (rs)

Csg Size: 10 3/4" 32.75# H-40 337' 300sx (circ)
7 5/8" Wt: 26.4# Grd: J-55 Dpth: 2844' Cmt: 1600sx (circ)

Producing Formation: Blinberry / Tubb

Perfs: From 5642' to 5866' 1/spf _____ to _____

6252' to 6344' 2/spf _____ to _____

IP: _____ BOPD _____ BWPD _____ MCF/D

Well History: (See Attached)

Blinberry

5642, 45, 51, 55
5679, 80, 94,
5721, 24, 25, 43,
5745, 65, 69,
5782, 95, 99,
5806, 20, 33, 36,
5840, 57, 60

Tubb

6252-58'
6296-6300'
6324-30'
6338-44'

Well Equipment:

Pumping Unit: C228-213-86

Motor Type: _____ HP: 30 POC: _____

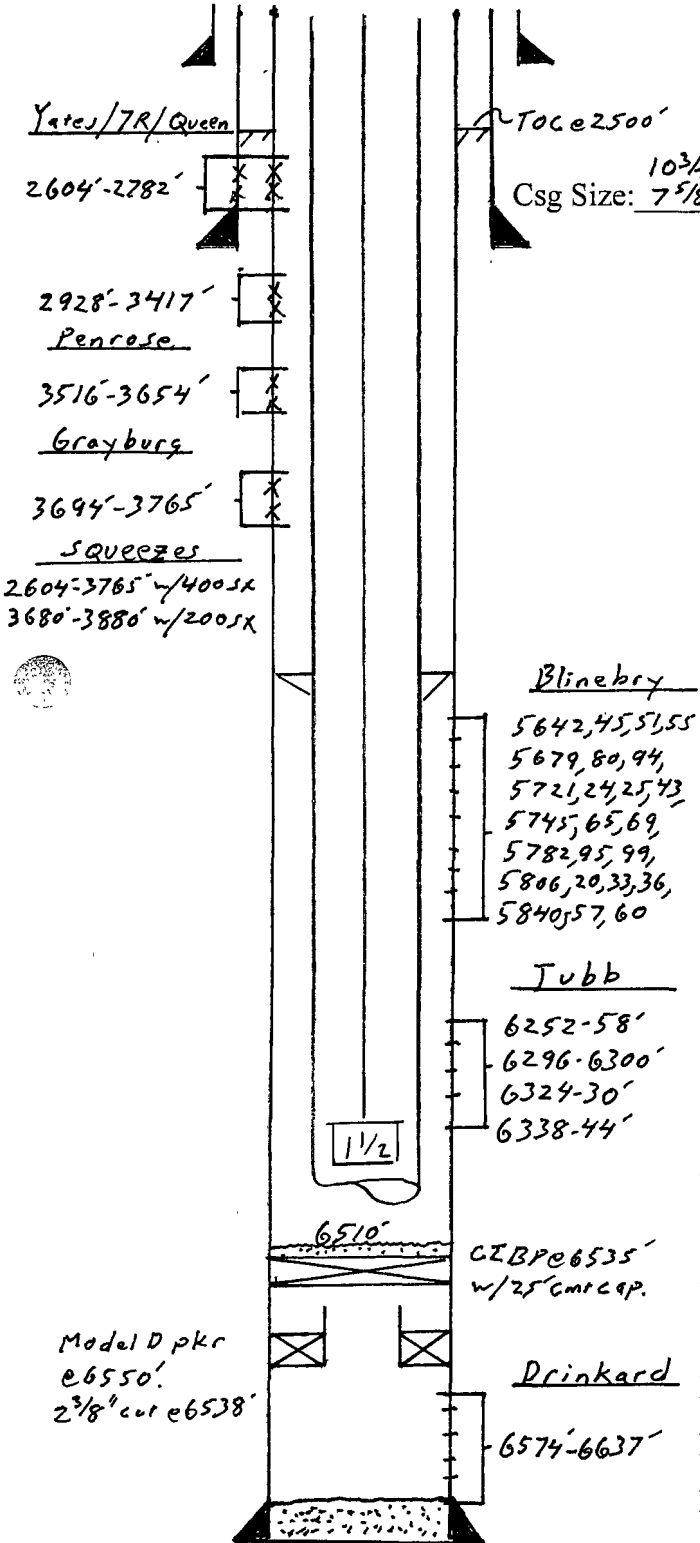
Tbg: 205 Jts 2 3/8" Size 4.7" Grade J-55

MA @ 6459' SN @ 6435' TAC @ 5571' (2-8-07)

Rods: 74-7/8" D + 182-3/4" D

Pump: 2" X 1 1/2" X 16" RWDC (2-8-07)

Csg Size: 5 1/2" Wt: 15.5/17# Grd: J-55 Dpth: 6639' Cmt: 550 sx



TD: 6639'

proposed

WELL DATA SHEET

Last Update: _____

Lease Name: WBDu # 72 (W.W. Wanthaely #2) API No: 30-025-06645
1980'S/1980'E

Location: C-NW-SE, Sec 17, T-21S, R-37E County: Lea ST: NM

Spud Date: 8-1-47 Well Elev: 3471' GL 8' KB

TOC 2500' TD Date: 9-3-47 Completion Date: 9-11-47'

TD: 6639' PBD: 6639' TOC: 2500' (+1)

Csg Size: 5 1/2" Wt: 26.4# Grd: J-55 Dpth: 2844' Cmt: 1600 SX (line.)

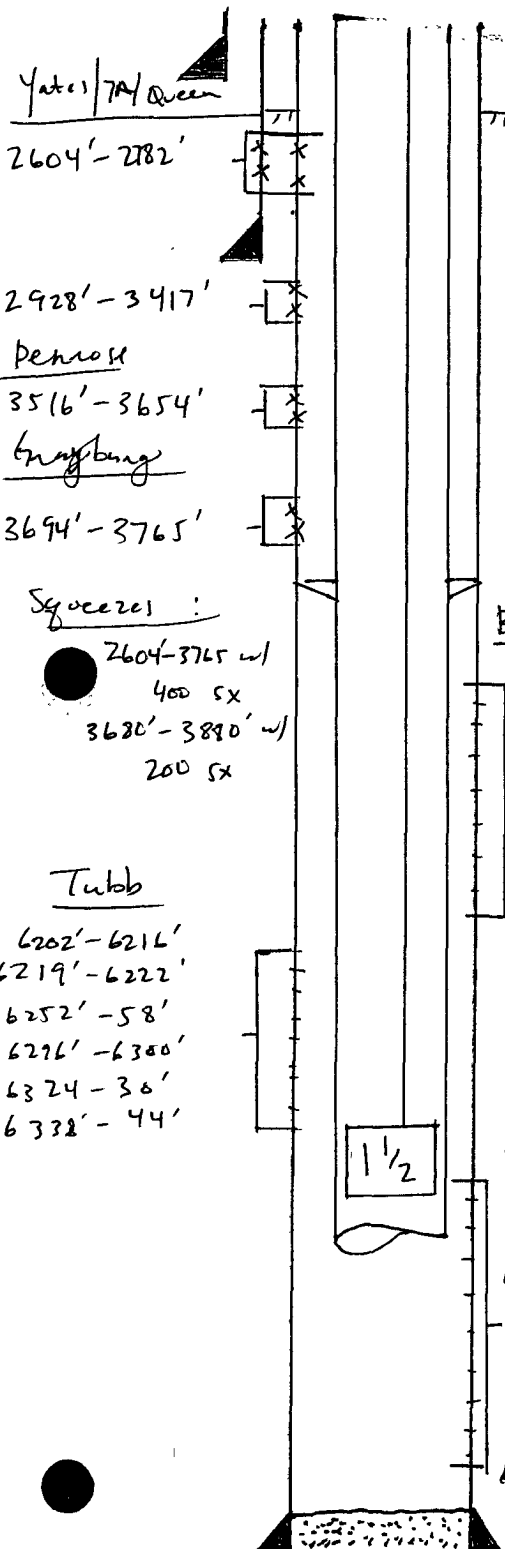
Producing Formation: Blinbury/Tubb/Drinkard

Perfs: From _____ to _____ /spf _____ to _____

_____ to _____ /spf _____ to _____

IP: _____ BOPD _____ BWPD _____ MCF/D

Well History: _____



Blinbury

5642, 45, 11, 55
5679, 30, 94
5721, 24, 25, 43,
45, 65, 69,
5782, 95, 99,
5806, 20, 33, 36,
5840, 57, 66

Drinkard

6450'-60',
6500'-06', 66'-70'
6574'-6637'

Well Equipment:

Pumping Unit: C228-213-86

Motor Type: _____ HP: 30 POC: _____

Tbg: 211 Jts 2 - 3/4" Size 4.7 # Grade

55 MA @ 6459' SN @ 6600' TAC @ 5571' (2-8-07)

Rods: 74-7/8" D + 132-3/4" D

Pump: 2" x 1 1/2" x 16' RWBC (2-8-07)

Csg Size: 5 1/2" Wt: 15.5/17# Grd: J-55 Dpth: 6639' Cmt: 550 SX

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State of New Mexico

Energy, Minerals & Natural Resources Department

OFFICE OF 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 30-025-06645		* Pool Code 22900		* Pool Name Eunice; Blinebry-Tubb-Drinkard, North	
* Property Code 37346		* Property Name West Blinebry Drinkard Unit			* Well Number 072
* OGRID No. 00873		* Operator Name Apache Corporation (873)			* Elevation 3471'

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	17	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> <i>S. Mackay</i> 06/12/2009 Signature Date Sophie Mackay Printed Name	
						18 SURVEYOR CERTIFICATION