

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 30-025-06565
⁴ Property Code 306053	⁵ Property Name Bunin	⁶ Well No 3Y
⁹ Proposed Pool 1 Blinebry Oil & Gas (6660) ✓		¹⁰ Proposed Pool 2 Tubb Oil & Gas (60240) / Drinkard (19190) ✓

7 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Westline	County
A	13	21S	37E		660	North	890	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

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 3450'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 7400' TD / +/- 7000' PBT	¹⁸ Formation DBli-Tu-Dri	¹⁹ Contractor	²⁰ Spud Date ASAP
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit Liner: Synthetic <input type="checkbox"/> mlst 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
17"	13-3/8"	48#	142'	150 sx	TOC - circ
11"	8-5/8"	24# & 32#	3070'	400 sx	TOC - 2010' TS
7-7/8"	5-1/2"	15.5# & 17#	7400'	350 sx	TOC - 5450' 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.

Current Profile:

Apache Corp (873) took over operations of this well from Intrepid Operating (256772) effective 9/1/2008.
This well is currently shut in and has not produced since 11/2002.

There are currently perforations in the Wantz; Abo (62700) fr/ 7044-7228'. See attached wellbore diagram.

Apache proposes to recompleat this well to the Blinebry/Tubb/Drinkard via the following procedure:

1. MIRU pulling unit. Pull production equipment. CO to PBT'D.
2. Run logs from PBT'D to +/- 3000'.
3. Perforate Drinkard. Set CIBP @ +/- 7000' over Abo perfs.
4. Acidize and fracture stimulate Drinkard.
5. Perforate, isolate, acidize and fracture stimulate Tubb.
6. Perforate, isolate, acidize and fracture stimulate Blinebry.
7. Pump test each zone.
8. Allocate production and request DHC from Hobbs.

**Permit Expires 2 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 *Sophie Mackay*
Title: Engineering Tech
E-mail Address: sophie.mackay@apachecorp.com
Date: 09/02/2008 Phone: (918)491-4864

OIL CONSERVATION DIVISION

Approved by:

Title: PETROLEUM ENGINEER

Approval Date:

Expiration Date:

OCT 01 2008

Conditions of Approval Attached ☐

BUNIN # 3Y
API - 30-025-06565
660' FNL & 890' FEL
Sec. 13 T-21S R-37E
Lea County, New Mexico
Spud Date - 1959



Completions

Date	Zone	Perfs
1959	Abo	7044 - 7328

Surface Casing (17" Hole)
13.375" 48# 0'-142' 150 sxs cmt. TOC-0' Circ.

Intermediate Casing (11" Hole)
8 625" 24# 0'-3060' 400 sxs cmt. TOC-2010' Survey.

Bowen csg-bowl @ 4666

Perfs @ 7044 - 7328

Production Liner (7-7/8" Hole)
5.5" 15.5# 0'-7390' 350 sxs cmt. TOC-5450' Survey.

Created by
CM 6/17/2008

PROPOSED

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