

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

Apache Corporation 6120 S Yale Ave, Suite 1500 Tulsa, OK 74136-4224		00873 ² OGRID Number
		30-025-06605 ¹ API Number
¹ Property Code 23103	⁵ Property Name Argo	⁶ Well No. 009
⁹ Proposed Pool 1 Eunice; Bli-Tu-Dr, North (22900)		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no M	Section 15	Township 21S	Range 37E	Lot Idn	Feet from the 330	North/South line South	Feet from the 990	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 A	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3,445' DF
¹⁶ Multiple Yes	¹⁷ Proposed Depth 8179' TD / 7465' PBD	¹⁸ Formation Bli/Tubb/Dri	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"/> milstuck 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
17-1/4"	13-3/8"	32.4#	225'	250	surface
11"	8-5/8"	32#	2917'	1700	surface
7-7/8"	5-1/2"	15.5# & 17#	8000'	925	?

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.

1. MIRU pulling unit.
2. Run bit and scraper to PBTD @ +/- 7465'.
3. Run logs for engineer evaluation.
4. Perforate, acidize and fracture stimulate Drinkard formation.
5. Perforate, isolate, acidize and fracture stimulate Tubb formation.
6. Perforate, isolate, acidize and fracture stimulate Blinbry formation.
7. Install production equipment.
8. Place well on production from the Eunice; Blinbry-Tubb-Drinkard, North.

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

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:

PETROLEUM ENGINEER

Printed name: Sophie Mackay

Title: Engineering Tech

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

Date: 08/05/2008

Phone: (918)491-4864

Approval Date:

Expiration Date:

SEP 09 2008

Conditions of Approval Attached ☐