

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

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

1. Operator Name and Address APACHE CORP 6120 S. YALE TULSA, OK 74136		2. OGRID Number 873
4. Property Code 37779		3. API Number 30-025-39490
5. Property Name TW ARNOLD		6. Well No. 002

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	11	20S	38E	F	2190	N	1650	W	LEA

8. Pool Information

HOUSE;BLINEBRY	33230
HOUSE;TUBB	78760
HOUSE;DRINKARD	33250

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3583
14. Multiple Y	15. Proposed Depth 7300	16. Formation Drinkard	17. Contractor	18. Spud Date 8/20/2009
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic ☐ mls thick Clay ☐ Pit Volume: bbls Drilling Method: Closed Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1600	750	0
Prod	7.875	5.5	17	7300	1250	0

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	2000	

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
Printed Name: Electronically filed by Lana Williams	Approved By: Paul Kautz
Title: Engineering Tech	Title: Geologist
Email Address: lana.williams@apachecorp.com	Approved Date: 8/13/2009 Expiration Date: 8/13/2011
Date: 8/6/2009 Phone: 918-491-4900	Conditions of Approval Attached

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II
 1301 W. Grand Ave., Artesia, NM 88210
 Phone:(505) 748-1283 Fax:(505) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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Form C-102
 Permit 100233

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39490	2. Pool Code 33230	3. Pool Name HOUSE,BLINEBRY
4. Property Code 37779	5. Property Name TW ARNOLD	6. Well No. 002
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3583

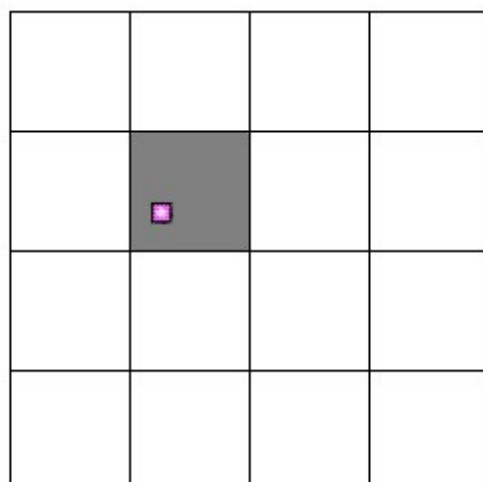
10. Surface Location

UL - Lot F	Section 11	Township 20S	Range 38E	Lot Idn	Feet From 2190	N/S Line N	Feet From 1650	E/W Line W	County LEA
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	13. Joint or Infill	14. Consolidation Code	15. 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



OPERATOR CERTIFICATION

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(s) 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.

E-Signed By: Lana Williams
 Title: Engineering Tech
 Date: 8/6/2009

SURVEYOR CERTIFICATION

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.

Surveyed By: Ronald Eidson
 Date of Survey: 8/30/2008
 Certificate Number: 3239

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WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39490	2. Pool Code 78760	3. Pool Name HOUSE;TUBB
4. Property Code 37779	5. Property Name TW ARNOLD	6. Well No. 002
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3583

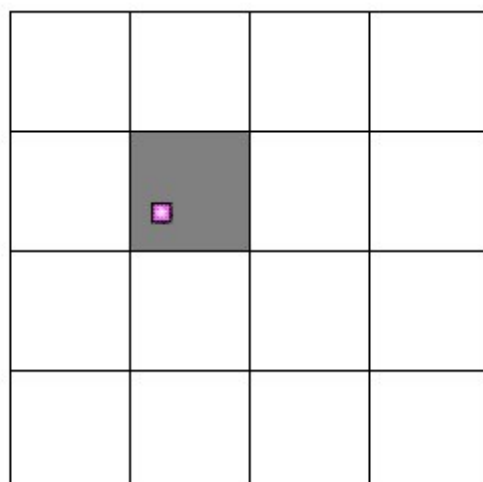
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WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39490	2. Pool Code 33250	3. Pool Name HOUSE;DRINKARD
4. Property Code 37779	5. Property Name TW ARNOLD	6. Well No. 002
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3583

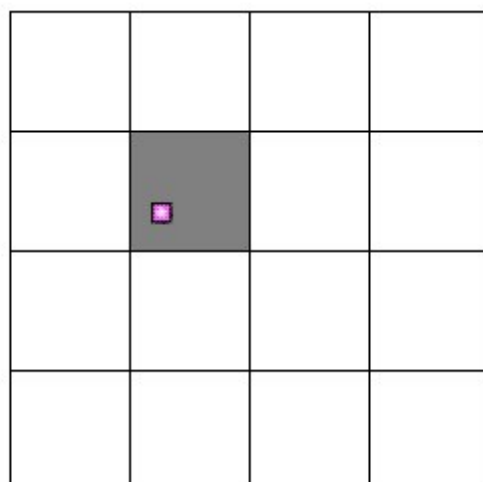
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Permit Comments

Operator: APACHE CORP , 873

Well: TW ARNOLD #002

API: 30-025-39490

Created By	Comment	Comment Date
CJONES	Donna, we will send out the C144 in the mail on Friday, 8/7/09. It should show up at your office early next week. Thanks Curt	8/6/2009

Permit Conditions of Approval

Operator: APACHE CORP , 873

Well: TW ARNOLD #002

API: 30-025-39490

OCD Reviewer	Condition
DMULL	Will require the form C-103 per R-11363 "Pre Approved Pools and Area" for Downhole commingling before multiple zones can be produced by commingling in the wellbore accordance with the procedure set forth in Rule 303C(3)(b).