

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 303 Veterans Airpark Lane Midland, TX 79705		2. OGRID Number 873
4. Property Code 303217		3. API Number 30-025-40022
5. Property Name DUKES		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
K	11	20S	38E	K	1650	S	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 3567
14. Multiple Y	15. Proposed Depth 7400	16. Formation Drinkard	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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	1650	900	
Prod	7.875	5.5	17	7400	1100	

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydril	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 <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Bobby Smith	Approved By: Paul Kautz
Title:	Title: Geologist
Email Address: bobby.smith@apachecorp.com	Approved Date: 1/20/2011 Expiration Date: 1/20/2013
Date: 1/19/2011 Phone: 432-818-1020	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 125998

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40022	2. Pool Code 33230	3. Pool Name HOUSE,BLINEBRY
4. Property Code 303217	5. Property Name DUKES	6. Well No. 002
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3567

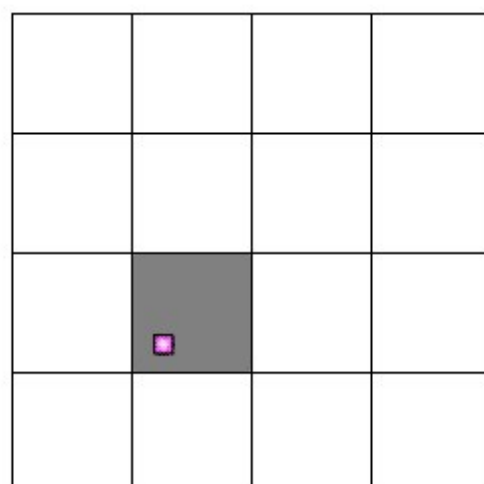
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K	11	20S	38E		1650	S	1650	W	LEA

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: Bobby Smith

Title:

Date: 1/19/2011

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: GARY JONES

Date of Survey: 1/14/2011

Certificate Number: 7977

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WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40022	2. Pool Code 78760	3. Pool Name HOUSE;TUBB
4. Property Code 303217	5. Property Name DUKES	6. Well No. 002
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3567

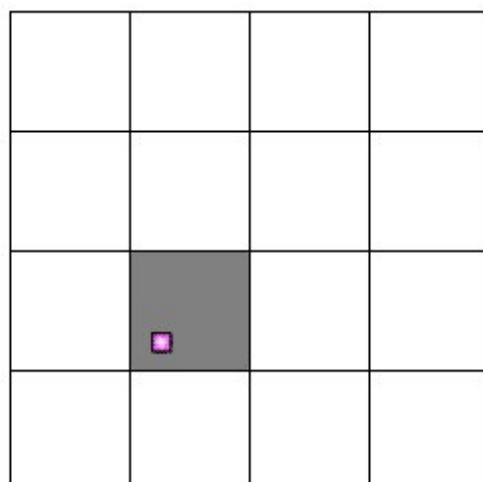
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 Permit 125998

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40022	2. Pool Code 33250	3. Pool Name HOUSE;DRINKARD
4. Property Code 303217	5. Property Name DUKES	6. Well No. 002
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3567

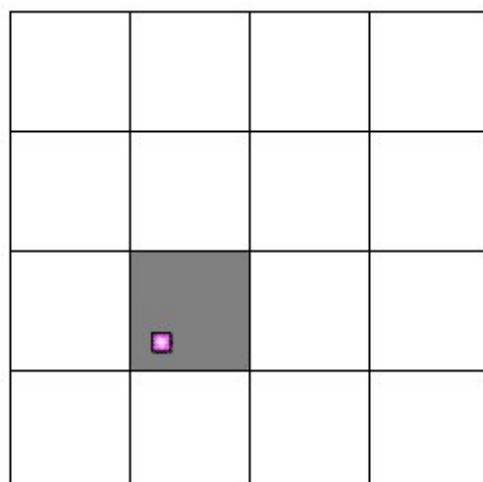
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Permit Comments

Operator: APACHE CORP , 873

Well: DUKES #002

API: 30-025-40022

Created By	Comment	Comment Date
DMULL	OCD Hobbs office is returning this intent to drill for corrections. The Eunice Bl-Tu-Dr,North is not in this area. The House Drinkard, House Tubb, House Blinebry are the correct pool/formations. The C-102 is needed for each pool/formation.	1/19/2011
DMULL	To produce for these three pool/formations, you need to apply for downhole commingling on form C-103 per R-11363.	1/19/2011
pkautz	Land P/P	1/19/2011

Permit Conditions of Approval

Operator: APACHE CORP , 873

Well: DUKES #002

API: 30-025-40022

OCD Reviewer	Condition
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string