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

### State of New Mexico

Form C-101 Permit 131317

## 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
	TITLE I O DIGITE	THE PROPERTY.		I DO OD LOTE	OIL LIDD II LOIL

APA	r Name and Address CHE CORP	2. OGRID Number 873		
	rans Airpark Lane nd, TX 79705	3. API Number 30-015-39019		
4. Property Code 309164	5. Property Name EMPIRE ABO UNIT	6. Wett No. 402		

#### 7. Surface Location

UL -	ot S	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I		32	17S	28E	I	2410	S	245	E	EDDY

#### 8. Pool Information

EMPIRE: ABO	22040

#### Additional Well Information

	901	. ruditional fit	II IIIOI III ation	The second secon		
9. Work Type 10. Well Type New Well OIL		e 11. Cable/Rot	11. Cable Rotary 12. Lease Type State			
14. Multiple N			16. Formation 17. Contractor Abo			
Depth to Ground	Depth to Ground water		est fresh water well	Distance to nearest surface water		
it: Liner: Synthetic [ Closed Loop Syste		thick Clay Pit Volume:	bbls Drilling Method: Fresh Water X Brin	ne 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	500	360	
Prod	7.875	5.5	17	6400	1080	

Casing/Cement Program: Additional Comments

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	OIL CONSERVATION DIVISION				
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Randy Dade				
Printed Name: Electronically filed by Bobby Smith	Title: District Supervisor				
Title:	Approved Date: 5/9/2011 Expiration Date: 5/9/2013				
Email Address: bobby.smith@apachecorp.com					
Date: 5/5/2011 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

## State of New Mexico

Form C-102 Permit 131317

# Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-39019	2. Pool Code 22040	3. Pool Name EMPIRE; ABO
4. Property Code 309164	5. Property Nam EMPIRE ABO U	
7. OGRID No. 873	8. Operator Nam APACHE COR	

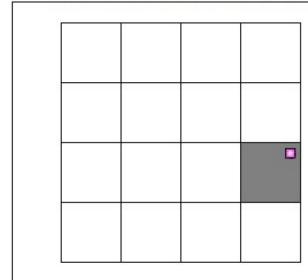
#### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
I	32	17S	28E		2410	S	245	E	EDDY	

#### 11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S Lin	ne	Feet From	E/W Line	County
0.500 100 100	cated Acres	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: 5/5/2011

#### 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: RONALD EIDSON

Date of Survey: 4/22/2011 Certificate Number: 3239

# **Permit Comments**

Operator: APACHE CORP , 873 Well: EMPIRE ABO UNIT #402

API: 30-015-39019

Created By	Comment	Comment Date	
Artesia	Land P/S	5/5/2011	

# Permit Conditions of Approval

Operator: APACHE CORP , 873 Well: EMPIRE ABO UNIT #402

API: 30-015-39019

OCD Reviewer	Condition
Artesia	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