State of New Mexico

Form C-101 Permit 132015

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	OGRID Number 873		
	rans Airpark Lane nd, TX 79705	3. API Number 30-015-39064		
4. Property Code 309164	5. Property Name EMPIRE ABO UNIT	6. Wett No. 403		

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
0	32	17S	28E	0	1175	S	1310	E	EDDY

8. Pool Information

EMPIRE: ABO	22040
EMPIRE, ABO	22040

Additional Well Information

	901	. ruditional fit	II IIIOI III ation	The second secon
9. Work Type New Well	10. Weii Typ OIL	e 11. Cable/Rot	ary 12. Lease Ty State	pe 13. Ground Level Elevation 3677
14. Multiple N	15. Proposed I 6400	Pepth 16. Forma Abo	tion 17. Contrac	tor 18. Spud Date
Depth to Ground	water	Distance from near	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							

of my knowledge and belief.	ation given above is true and complete to the best lling pit will be constructed according to	OIL CONSERVATION DIVISION				
	neral permit , or an (attached) alternative	Approved By: Randy Dade				
Printed Name: Electronic	cally filed by Bobby Smith	Title: District Supervisor				
Title:		Approved Date: 5/24/2011	Expiration Date: 5/24/2013			
Email Address: bobby.si	mith@apachecorp.com		*****			
Date: 5/23/2011	Phone: 432-818-1020	Conditions of Approval Atta	ched			

District I

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

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

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 132015

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	2. Pool Code	3. Pool Name
30-015-39064	22040	EMPIRE; ABO
4. Property Code	5. Property Name	6. Wett No.
309164	EMPIRE ABO U	NIT 403
7. OGRID No.	8. Operator Name	9. Elevation
873	APACHE COR	P 3677

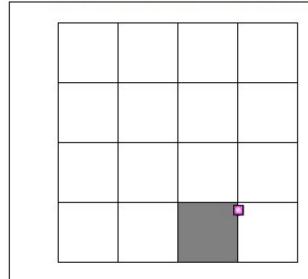
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
0	32	17S	28E	1	1175	S	1310	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
0.000	cated Acres	13.	Joint or Infill		14. Consolidation Code		lation 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

Date: 5/23/2011

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: 5/3/2011 Certificate Number: 3239

Permit Comments

Operator: APACHE CORP , 873 Well: EMPIRE ABO UNIT #403

API: 30-015-39064

Created By	Comment	Comment Date
pkautz	Submitted for Lea County Resubmit for Eddy County	5/19/2011
Artesia	Land P/S	5/23/2011

Permit Conditions of Approval

Operator: APACHE CORP , 873 Well: EMPIRE ABO UNIT #403

API: 30-015-39064

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