

1. Operator Name and Address APACHE CORP 303 Veterans Airpark Lane Midland, TX 79705		2. OGRID Number 873
		3. API Number 30-015-39021
4. Property Code 309164	5. Property Name EMPIRE ABO UNIT	6. Well No. 411

UL - Lot D	Section 6	Township 18S	Range 28E	Lot Idn 4	Feet From 40	N/S Line N	Feet From 145	E/W Line W	County EDDY
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EMPIRE: ABO	22040
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9. Work Type New Well	10. Well Type OIL	11. Cable Rotary	12. Lease Type State	13. Ground Level Elevation 3664
14. Multiple N	15. Proposed Depth 6400	16. Formation Abo	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"/> mills 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"/>				

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	

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Type	Working Pressure	Test Pressure	Manufacturer
Hydril	3000	2000	

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

Form C-102
Permit 131320

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-39021	2. Pool Code 22040	3. Pool Name EMPIRE; ABO
4. Property Code 309164	5. Property Name EMPIRE ABO UNIT	6. Well No. 411
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3664


10. Surface Location

UL - Lot D	Section 6	Township 18S	Range 28E	Lot Idn	Feet From 40	N/S Line N	Feet From 145	E/W Line W	County EDDY
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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 43.80	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: 4/15/2011

Certificate Number: 3239

Permit Comments

Operator: APACHE CORP , 873

Well: EMPIRE ABO UNIT #411

API: 30-015-39021

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

Permit Conditions of Approval

Operator: APACHE CORP , 873

Well: EMPIRE ABO UNIT #411

API: 30-015-39021

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