

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 ARENA RESOURCES, INC 4920 S LEWIS TULSA , OK 74105		2. OGRID Number 220420
		3. API Number 30-025-37816
4. Property Code 300385	5. Property Name East Hobbs San Andres Unit	6. Well No. 511

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	29	18S	39E	L	1760	S	530	W	LEA

8. Pool Information

HOBBS,SAN ANDRES, EAST	32300
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3601
14. Multiple N	15. Proposed Depth 4700	16. Formation San Andres	17. Contractor	18. Spud Date
Depth to Ground water 50		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____mils thick Clay <input type="checkbox"/> Pit Volume: 4400 _____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	1925	950	
Prod	7.875	5.5	15.5	4700	950	

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	SHAFFER LWP

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 checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Stephanie Mefford Title: Manager Email Address: arenaresourcesok@aol.com Date: 4/18/2006 Phone: 918-747-6060	OIL CONSERVATION DIVISION
	Approved By: Paul Kautz
	Title: Geologist
	Approved Date: 4/18/2006 Expiration Date: 4/18/2007
	Conditions of Approval Attached

State of New Mexico

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name EHS AU	Well Number 511
OGRID No.	Operator Name ARENA RESOURCES, INC.	Elevation 3601'

Surface Location

UL or lot No. L	Section 29	Township 18-S	Range 39-E	Lot Idn	Feet from the 1760	North/South line SOUTH	Feet from the 530	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	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

<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=626465.1 N X=887371.2 E</p> <p>LAT.=32°42'57.32" N LONG.=103°04'25.99" W</p> <p>530'</p> <p>1760'</p>	LOT 1	25.91 AC	<p>NEW MEXICO</p> <p>TEXAS</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <u>Henry Konan</u> Date: <u>4-18-06</u></p> <p>Printed Name: <u>HENRY KONAN</u></p>
	LOT 2	25.94 AC		<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MARCH 31, 2006</p> <p>Date Surveyed: _____ MR</p> <p>Signature & Seal of Professional Surveyor: <u>GARY EDSON</u></p> <p>06.11.0575</p> <p>Certificate No. GARY EDSON 12841</p>
	LOT 3	25.96 AC		
	LOT 4	25.99 AC		

Permit Conditions of Approval

Operator: ARENA RESOURCES, INC , 220420

Well: East Hobbs San Andres Unit #511

API: 30-025-37816

OCD Reviewer	Condition
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
pkautz	Prior to any pit construction notify Gary Wink at 505-393-6161 ext 114