### State of New Mexico

Form C-101 Permit 115516

## 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

ARMSTRO	or Name and Address NG ENERGY CORP	2. OGRID Number 1092
15 t/m; her grad	0. BOX 1973 ELL , NM 88202	3. API Number 30-041-20941
4. Property Code 38192	5. Property Name WEST TODD STATE	6. Wett No. 001

#### 7. Surface Location

UL - Lo	t Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	20	07S	35E	M	660	S	660	W	ROOSEVELT

#### 8. Pool Information

WILDCAT; WOLFCAMP OIL 96794

#### Additional Well Information

9. Work Type	10. Well Type	11. Cable/Rota	ry 12. Lease Type	13. Ground Level Elevation
New Well	OIL		State	4238
14. Multiple	15. Proposed Dep	th 16. Formati	[10]	18. Spud Date
N	8000	Wolfcam		6/20/2010
Depth to Ground	water	Distance from neare	est fresh water well	Distance to nearest surface water
Pit: Liner: Synthetic Closed Loop Syste	mils th	ick Clay Pit Volume:	bbls Drilling Method: Fresh Water X Brine	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	17.5	13.375	54.5	425	450	0
Surf	12.25	8.625	24	3875	1750	0
Prod	7.875	5.5	17	8000	450	6000

#### Casing/Cement Program: Additional Comments

Drill an 8000' well to test Wolfcamp production, United Drilling Rig #41

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	1000	

I hereby certify that the information given above is true and com of my knowledge and belief. I further certify that the drilling pit will be constructed acc	OIL CONSERVATION DIVISION
NMOCD guidelines , a general permit , or an (attached OCD-approved plan .	
Printed Name: Electronically filed by Irma Cunningha	Title: Geologist
Title: Geo Tech	Approved Date: 6/16/2010 Expiration Date: 6/16/2012
Email Address: icunningham@armstrongenergycorp.o	n
Date: 6/11/2010 Phone: 575-625-22	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 115516

# 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
30-041-20941	96794	WILDCA	Γ; WOLFCAMP OIL
4. Property Code	5. Property	Name	6. Well No.
38192	WEST TODD STATE		001
7. OGRID No.	8. Operator	Name	9. Elevation
1092	ARMSTRONG EN	ERGY CORP	4238

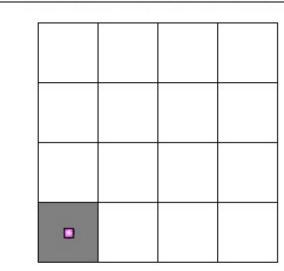
#### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	20	07S	35E		660	S	660	W	ROOSEVELT

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

UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
V. 100 100 100 100 100 100 100 100 100 10	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: Irma Cunningham

Title: Geo Tech Date: 6/11/2010

#### 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: 6/8/2010 Certificate Number: 3239

# **Permit Comments**

Operator: ARMSTRONG ENERGY CORP , 1092 Well: WEST TODD STATE #001

API: 30-041-20941

Created By	Comment	Comment Date
DMULL	OCD Hobbs has received form C-144CLEZ "Pit Registration". OCD Permit Number P1-02099.	6/16/2010

# **Permit Conditions of Approval**

Operator: ARMSTRONG ENERGY CORP , 1092 Well: WEST TODD STATE #001

API: 30-041-20941

OCD Reviewer	Condition
pkautz	This well is located within the LPC - Lesser Prairie Chicken area
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
pkautz	Must follow all requirements of State Land Office for drilling and operating a well in the LPC. This includes no drilling from March 15 to June 15 during prairie chicken booming.