

District I  
1625 N French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax (575) 393-0720  
District II  
811 S First St., Artesia, NM 88210  
Phone (575) 748-1283 Fax (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone (505) 334-6178 Fax (505) 334-6170  
District IV  
1220 S St Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3460 Fax (505) 476-3462

**HOBBS OCD**

**JUL 27 2012**

**RECEIVED**

State of New Mexico

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101  
Revised December 16, 2011

Permit

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Armstrong Energy Corporation P.O. Box 1973, Roswell, NM 88202-1973		<sup>2</sup> OGRID Number 001092
		<sup>3</sup> API Number 30-041-20938
<sup>4</sup> Property Code 37813	<sup>5</sup> Property Name Dora Dean 24	<sup>6</sup> Well No 001

**<sup>7</sup> Surface Location**

UL - Lot B	Section 24	Township 05S	Range 33E	Lot Idn	Feet from 990	N/S Line N	Feet From 1700	E/W Line E	County Roosevelt
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**<sup>8</sup> Pool Information**

Fusselman
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**Additional Well Information**

<sup>9</sup> Work Type Deepen	<sup>10</sup> Well Type E	<sup>11</sup> Cable/Rotary Rotary	<sup>12</sup> Lease Type Private	<sup>13</sup> Ground Level Elevation 4363
<sup>14</sup> Multiple N	<sup>15</sup> Proposed Depth 8600	<sup>16</sup> Formation Fusselman	<sup>17</sup> Contractor	<sup>18</sup> Spud Date 08-06-2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water N/A

**<sup>19</sup> Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12-1/2"	8-5/8"	24	2/78	855	Circ
Intermediate	7-7/8"	5-1/2"	17	8406	450	6000
Liner	4-3/4"	4"	10.46	8600	150	8200

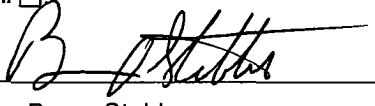
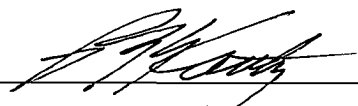
**Casing/Cement Program: Additional Comments**

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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	1000	

**Permit Expires 2 Years From Approval  
Date Unless Drilling Underway**

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 type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/>		<b>Deepen</b> OIL CONSERVATION DIVISION	
Signature: 		Approved By: 	
Printed name: Bruce Stubbs		Title: PETROLEUM ENGINEER	
Title: Vice President - Engineering		Approved Date:	Expiration Date:
E-mail Address: bastubbs@armstrongenergycorp.com		JUL 30 2012	
Date: 07/26/2012	Phone: 575-625-2222	Conditions of Approval Attached	

JUL 31 2012

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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 101695

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-041-20938	2. Pool Code	3. Pool Name WILDCAT FUSSELMAN
4. Property Code 37813	5. Property Name DORA DEAN 24	6. Well No. 001
7. OGRID No 1092	8. Operator Name ARMSTRONG ENERGY CORP	9. Elevation 4363

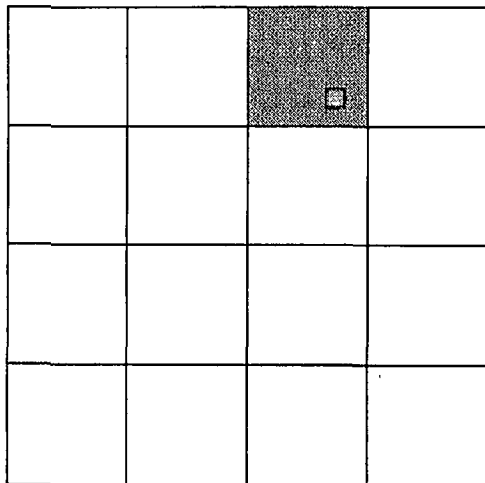
**10. Surface Location**

UL - Lot B	Section 24	Township 05S	Range 33E	Lot Idn	Feet From 990	N/S Line N	Feet From 1700	E/W Line E	County ROOSEVELT
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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 40.00		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: 9/3/2009

**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: 9/1/2009

Certificate Number: 3239