State of New Mexico

Form C-101 Permit 132797

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

ARMSTRON	Name and Address IG ENERGY CORP	2. OGRID Number 1092	
P.O. Box 1973		3. API Number	
Roswett, NM 88202		30-041-20946	
4. Property Code	5. Property Name	6. Wett No.	
38656	LILLIE BELLE	001	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	29	05S	34E	H	2167	N	990	E	ROOSEVELT

8. Pool Information

WILDCAT; FUSSLEMAN	97836
--------------------	-------

Additional Well Information

10 10 10 10 10 10 10 10 10 10 10 10 10 1	901	.Idditional freii.	I I I I I I I I I I I I I I I I I I I			
9. Work Type New Well	10. Weii Typ OIL	e 11. Cable/Rotary	12. Lesse Type Private	13. Ground Level Elevation 4298		
14. Multiple N	4. Multiple 15. Proposed Depth N 8400		17. Contractor	18. Spud Date 7/1/2011		
Depth to Ground	water	Distance from nearest i	fesh water well	Distance to nearest surface water		
Liner: Synthetic Closed Loop Syste		thick 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	40	20	0
Surf	12.25	8.625	24	2390	1100	0
Prod	7.875	5.5	17	8400	400	6000

Casing/Cement Program: Additional Comments

Drill to 2470' w/ fresh water and set 8-5/8" casing. Drill to 8400' with cut brine and set 5-1/2 casing. Test Fusselman Zones. BOP Program: 2470'-8400', Double Ram BOP, 3000 psi WP, 1000 psi test pressure. Maximum SI pressure 500 psi, frac gradient .7 psi/ft at the 8-5/8" casing shoe.

Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	1000	

of my knowledge and belief.	nation given above is true and complete to the best rilling pit will be constructed according to	OIL CONSERVATION DIVISION				
NMOCD guidelines , a g OCD-approved plan .	general permit , or an (attached) alternative	Approved By: Paul Kautz				
Printed Name: Electron	ically filed by Irma Cunningham	Title: Geologist				
Title: Geo Tech		Approved Date: 6/13/2011	Expiration Date: 6/13/2013			
Email Address: icunnin	gham@armstrongenergycorp.com					
Date: 6/8/2011	Phone: 575-625-2222	Conditions of Approval Attached				

District I

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

District L

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 132797

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

 API Number 30-041-20946 	2. Pool Code 97836		Pool Name T;FUSSLEMAN
4. Property Code 38656	5. Property Name LILLIE BELLE		6. Well No. 001
7. OGRID No. 1092	8. Operator : ARMSTRONG EN	9. Elevation 4298	

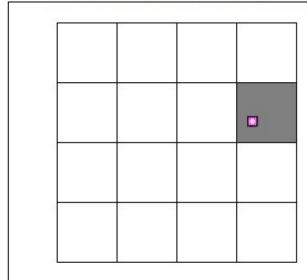
10. Surface Location

UL - I	ot Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	29	05S	34E		2167	N	990	E	ROOSEVELT

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
0.500 100 100	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: 6/8/2011

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: 5/4/2011 Certificate Number: 3239

Permit Comments

Operator: ARMSTRONG ENERGY CORP , 1092

Well: LILLIE BELLE #001

API: 30-041-20946

Created By	Comment	Comment Date
pkautz	Land P/P	6/9/2011
DMULL	OCD Hobbs office has received form C-144CLEZ. OCD Permit Number P1-03352.	6/13/2011

Permit Conditions of Approval

Operator: ARMSTRONG ENERGY CORP , 1092 Well: LILLIE BELLE #001

API: 30-041-20946

OCD Reviewer	Condition
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