

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 ENERGEN RESOURCES CORPORATION 605 21ST STREET NORTH BIRMINGHAM , AL 352032707		2. OGRID Number 162928
		3. API Number 30-025-37846
4. Property Code 27820	5. Property Name WEST LOVINGTON STRAWN UNIT	6. Well No. 023

7. Surface Location

UL - Lot O	Section 34	Township 15S	Range 35E	Lot Idn O	Feet From 660	N/S Line S	Feet From 2310	E/W Line E	County LEA
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8. Pool Information

LOVINGTON,STRAWN, WEST	40875
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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 3961
14. Multiple N	15. Proposed Depth 12000	16. Formation Strawn	17. Contractor	18. Spud Date 6/1/2006
Depth to Ground water 55		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: 10000 _____bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" type="checkbox"/>				

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	48	400	450	0
Int1	11	8.625	32	4800	1200	0
Prod	7.875	5.5	17	12000	1200	4500

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Shaffer

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 Vicki Donaghey Title: Production Assistant Email Address: vdonaghe@energen.com Date: 4/27/2006 Phone: 505-325-6800	OIL CONSERVATION DIVISION
	Approved By: Chris Williams
	Title: District Supervisor
	Approved Date: 4/28/2006 Expiration Date: 4/28/2007
	Conditions of Approval Attached

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name	
30-025-37546	40875	LOVINGTON; STRAWN, WEST	
Property Code	Property Name		Well Number
27820	WEST LOVINGTON STRAWN UNIT		23
OGRID No.	Operator Name		Elevation
162928	ENERGEN RESOURCES CORPORATION		3961'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	34	15 S	35 E		660	SOUTH	2310	EAST	LEA

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
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Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
80			

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>NOTE:</p> <p>1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.</p>	<p style="text-align: center;"><u>Plane Coordinate</u> X = 788,193.4 Y = 717,266.3</p> <div style="text-align: center;"> <p>2310'</p> <p>660'</p> </div>	<h3 style="text-align: center;">OPERATOR CERTIFICATION</h3> <p style="text-align: center;"><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <div style="text-align: center;"> <p>Signature</p> <p><u>Carolyn Larson</u> Printed Name</p> <p><u>Regulatory Analyst</u> Title</p> <p><u>April 27, 2006</u> Date</p> </div> <hr/> <h3 style="text-align: center;">SURVEYOR CERTIFICATION</h3> <p style="text-align: center;"><i>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.</i></p> <div style="text-align: center;"> <p><u>March 21, 2006</u> Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-left: 20px;"> </div> </div> <p><u>W.O. Num. 2006-0184</u></p> <p>Certificate No. <u>MACON McDONALD 12185</u></p> </div>
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Permit Comments

Operator: ENERGEN RESOURCES CORPORATION , 162928

Well: WEST LOVINGTON STRAWN UNIT #023

API: 30-025-37846

Created By	Comment	Comment Date
CLARSON	Previous permit 17542 issued for WLSU #23 10/27/2005 should be cancelled.	4/27/2006

Permit Conditions of Approval

Operator: ENERGEN RESOURCES CORPORATION , 162928

Well: WEST LOVINGTON STRAWN UNIT #023

API: 30-025-37846

OCD Reviewer	Condition
DMULL	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
DMULL	Previous well #23, API # 30-025-37546 was canceled per Carolyn Larson with Energen.