

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 SHERIDAN PRODUCTION COMPANY, LLC 9 GREENWAY PLAZA HOUSTON , TX 77046		2. OGRID Number 252496
		3. API Number 30-025-39295
4. Property Code 303854	5. Property Name NORTH VACUUM ABO NORTH UNIT	6. Well No. 023

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	1	17S	34E	N	1136	S	2503	W	LEA

8. Pool Information

VACUUM;ABO, NORTH	61760
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4061
14. Multiple N	15. Proposed Depth 10500	16. Formation Abo Formation	17. Contractor	18. Spud Date 12/1/2008
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: 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	17.5	13.375	54.5	1800	800	
Int1	12.25	9.625	40	4600	615	
Prod	8.75	5.5	17	10500	530	

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	3500	HYDRIL
DoubleRam	5000	3500	CAMERON

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 OCB-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 12/15/2008	Expiration Date: 12/15/2010
	Conditions of Approval Attached	

Printed Name: Electronically filed by Joyce Williams	
Title:	
Email Address: jwilliams@sheridanproduction.com	
Date: 11/21/2008	Phone: 713-548-1070

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
Property Code	Property Name NVANU "5"		Well Number 3
OGRID No. 025575	Operator Name SHERIDAN PRODUCTION PART.		Elevation 4061'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	1	17 S	34 E		1136	SOUTH	2503	WEST	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
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>OPERATOR CERTIFICATION</p> <p>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 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.</p> <p><i>[Signature]</i> 10/17/08 Signature Date</p> <p>Ching Tomlinson Printed Name</p>	
	<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>AUGUST 21, 2008 Date Surveyed</p> <p><i>[Signature]</i> Signature of Gary L. Jones Professional Surveyor</p> <p>7977 Certificate No.</p> <p>Basin Surveys</p>	
	<p>SURFACE LOCATION Lat - N32°51'36.03" Long - W103°30'52.40" SPC- N.: 677578.906 E.: 792757.944 (NAD-83)</p>	
	<p>2503'</p> <p>1136'</p>	

Permit Comments

Operator: SHERIDAN PRODUCTION COMPANY, LLC , 252496

Well: NORTH VACUUM ABO NORTH UNIT #023

API: 30-025-39295

Created By	Comment	Comment Date
JOYCEW	C-102 & LETTER OF EXPLANATION OF NON-STANDARD LOCATION HAS BEEN MAILED. ORIGINAL TO SANTA FE OFFICE AND COPY TO HOBBS OFFICE.	11/20/2008
DMULL	Per phone call with Joyce Williams, Change well number to 23.	12/15/2008
DMULL	OCD received Form C-144, "Pit Registration". OCD Permit Number P1-000787.	12/15/2008

Permit Conditions of Approval

Operator: SHERIDAN PRODUCTION COMPANY, LLC , 252496

Well: NORTH VACUUM ABO NORTH UNIT #023

API: 30-025-39295

OCD Reviewer	Condition
pkautz	Surface casing must be set 25 feet below top Rustler Anhydrite