

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
June 16, 2008

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

Operator Name and Address SHERIDAN PRODUCTION COMPANY, LLC 9 GREENWAY PLAZA, #1300 HOUSTON, TX 77046		OGRID Number 252496
Property Code 303854	Property Name NVANU	API Number 30 - D25 - 24648
Proposed Pool 1 VACUUM, ABO, NORTH		Proposed Pool 2

Surface Location									
UL or lot no L	Section 36	Township 16S	Range 34E	Lot Idn L	Feet from the 460	North/South line S	Feet from the 1980	East/West line W	County LEA

Proposed 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

Additional Well Information				
Work Type Code DEEPENING	Well Type Code OIL	Cable/Rotary	Lease Type Code STATE	Ground Level Elevation 4046
Multiple N	Proposed Depth 9100	Formation ABO FORMATION	Contractor	Soud Date 11/30/08

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	12 3/4	48	360	CIRCULATE	CIRCULATE
11	8 5/8	24 & 32	3000	200	2600
7 7/8	5 1/2	15.5	8932	600	3800

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Well currently produces 3 bop/day and 4 mscf/day gas with no water. Re-completion/deepening econs are based on an increase of 15 bop/day and allows the evaluation of the Lower ABO. Additionally, the existing perforations will be selectively treated with acid for cleanup.

Bop schematic attached.

Permit Expires 2 Years From Approval
Date Unless Drilling Underway
Deepen

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief		OIL CONSERVATION DIVISION	
Signature: <i>Joyce A. Williams</i>		Approved by: <i>[Signature]</i>	
Printed name: JOYCE A. WILLIAMS		Title: PETROLEUM ENGINEER	
Title: OPERATIONS TECH		Approval Date: NOV 20 2008	Expiration Date:
E-mail Address: jwilliams@sheridanproduction.com			
Date: 11/19/08	Phone: 713.548.1070	Conditions of Approval Attached <input type="checkbox"/>	

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-24648	Pool Code 61760	Pool Name VACUUM; ABO, NORTH
Property Code	Property Name NVANU	
OGRID No. 252496	Operator Name SHERIDAN PRODUCTION COMPANY, LLC	Well Number 16-2
		Elevation 4046

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	36	16S	34E	L	460	S	1780	W	LEA

¹¹ 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 80	Joint or Infill	Consolidation Code	Order No.
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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.

<div style="border: 1px solid black; height: 150px; position: relative;"> <div style="position: absolute; top: 10px; left: 10px;">16</div> <div style="position: absolute; bottom: 10px; left: 10px;"> </div> </div>	<div style="border: 1px solid black; padding: 5px;"> ¹⁷ OPERATOR CERTIFICATION <i>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 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</i> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> Signature </div> <div style="text-align: center;"> 11/19/08 Date </div> </div> <div style="text-align: center; margin-top: 5px;"> JOYCE A. WILLIAMS Printed Name </div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> ¹⁸ SURVEYOR CERTIFICATION <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> <div style="margin-top: 10px;">Date of Survey</div> <div style="margin-top: 10px;">Signature and Seal of Professional Surveyor.</div> <div style="margin-top: 10px;">Certificate Number</div> </div>
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BOP's

