

## 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 30-025-39667
4. Property Code 303854	5. Property Name NORTH VACUUM ABO NORTH UNIT	6. Well No. 196

## 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	2	17S	34E	H	2436	N	1300	E	LEA

## 8. Pool Information

VACUUM:ABO. NORTH	61760
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### Additional Well Information

Additional Well Information				
9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4048
14. Multiple N	15. Proposed Depth 10500	16. Formation Abo Formation	17. Contractor	18. Spud Date 2/15/2010
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Linear: Synthetic <input type="checkbox"/> mls thick    Clay <input type="checkbox"/> Pit Volume:      bbls    Drilling Method: <input type="checkbox"/> 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	14.75	11.75	40	1800	800	
Int1	11	8.625	32	4600	615	
Prod	7.875	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 OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
Printed Name: Electronically filed by Joyce Williams	Title: Geologist	
Title:	Approved Date: 2/4/2010	Expiration Date: 2/4/2012
Email Address: jwilliams@sheridanproduction.com		
Date: 1/28/2010	Phone: 713-548-1070	

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

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

Form C-102  
Permit 107826

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-39667	2. Pool Code 61760	3. Pool Name VACUUM; ABO, NORTH
4. Property Code 303854	5. Property Name NORTH VACUUM ABO NORTH UNIT	6. Well No. 196
7. OGRID No. 252496	8. Operator Name SHERIDAN PRODUCTION COMPANY, LLC	9. Elevation 4048

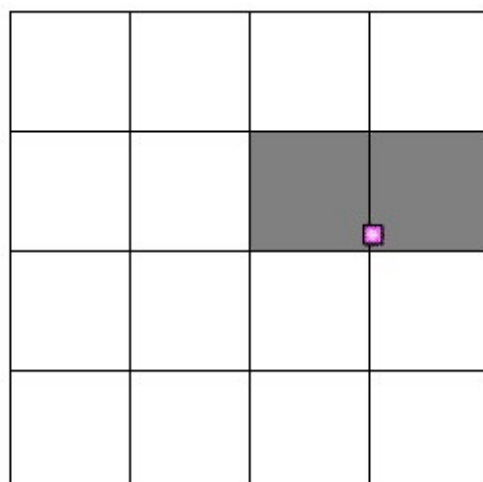
**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	2	17S	34E		2436	N	1300	E	LEA

**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 80.00	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: Joyce Williams

Title:

Date: 1/28/2010

**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: GARY JONES

Date of Survey: 12/29/2009

Certificate Number: 7977

## Permit Comments

**Operator:** SHERIDAN PRODUCTION COMPANY, LLC , 252496

**Well:** NORTH VACUUM ABO NORTH UNIT #196

**API:** 30-025-39667

Created By	Comment	Comment Date
JOYCEW	MAILING C-144 DOCUMENTS TO HOBBS OFFICE TODAY	1/13/2010
DMULL	APD being DENIED by Oil Conservation Division due to operator being out of compliance with Rule 5.9 due to financial assurance. APD can be Re-Submitted after financial assurance is taken care of. If you have questions on this matter, please call Donna Mull (575) 393-6161 ext 115.	1/25/2010
JOYCEW	C-144 DOCUMENTS MAILED TO HOBBS OFFICE ON 1/13/10 FOR APPROVAL.	1/28/2010
DMULL	OCD Hobbs has received form C-144 "Pit Registration". OCD Permit Number P1-01718.	2/4/2010