# State of New Mexico

#### Form C-101 Permit 102626

# 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

PRODUCTION COMPANY, LLC	<ol><li>OGRID Number</li><li>252496</li></ol>	
	3. API Number 30-025-39524	
5. Property Name NORTH VACUUM ABO NORTH UNIT	6. Wett No. 024	

### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	1	17S	34E	M	1200	S	1310	W	LEA

## 8. Pool Information

VACUUM;ABO, NORTH 61760

## Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lesse Type State	13. Ground Level Elevation 4037	
14. Multiple N	15. Proposed Depth 10500	16. Formation Abo Formation	17. Contractor	18. Spud Date 11/1/2009	
Depth to Ground	water	Distance from nearest fresh	water well	Distance to nearest surface water	
Pit: Liner: Synthetic Closed Loop Syste	mils 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	54.5	1800	800			
Int1	12.25	9.625	40	4600	615			
Prod	8.75	5.5	17	10500	530			

# Casing/Cement Program: Additional Comments

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	OIL CONSERVATION DIVISION					
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Paul Kautz					
Printed Name: Electronically filed by Joyce Williams	Title: Geologist					
Title:	Approved Date: 9/28/2009	Expiration Date: 9/28/2011				
Email Address: jwilliams@sheridanproduction.com	14 3 A - C - C - C - C - C - C - C - C - C -					
Date: 9/23/2009 Phone: 713-548-1070						

District I

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

District I

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 102626

# Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

### WELL LOCATION AND ACREAGE DEDICATION PLAT

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1. API Number	2. Pool Code	3. Po	of Name		
30-025-39524	61760	VACUUM;ABO, NORTH			
4. Property Code	5. Property Name		6. Well No.		
303854	NORTH VACUUM AB	O NORTH UNIT	024		
7. OGRID No.	8. Operator N	lame	9. Elevation		
252496	SHERIDAN PRODUCTION	SHERIDAN PRODUCTION COMPANY, LLC			

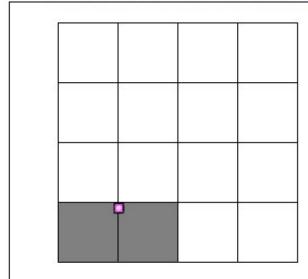
### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	1	17S	34E		1200	S	1310	W	LEA

# 11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
V	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: Joyce Williams

Title:

Date: 9/23/2009

### 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: 9/16/2009 Certificate Number: 7977

# **Permit Comments**

Operator: SHERIDAN PRODUCTION COMPANY, LLC , 252496
Well: NORTH VACUUM ABO NORTH UNIT #024

API: 30-025-39524

Created By	Comment	Comment Date
JOYCEW		9/23/2009
JOYCEW	C-144 MAILED TO DISTRICT I OFFICE TODAY.	9/23/2009
DMULL	OCD Hobbs office has received form C-144 "Pit Registration". OCD Permit Number P1-01371.	9/28/2009