

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 30-025-39296
4. Property Code 303854	5. Property Name NVANU	6. Well No. 132

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	35	16S	34E	N	850	S	2260	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 4056
14. Multiple N	15. Proposed Depth 12000	16. Formation Abo Formation	17. Contractor	18. Spud Date 8/15/2009
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	1650	120	
Int1	12.25	9.625	40	4600	615	
Prod	8.75	5.5	17	12000	690	

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
Printed Name: Electronically filed by Joyce Williams	Approved By: Paul Kautz
Title:	Title: Geologist
Email Address: jwilliams@sheridanproduction.com	Approved Date: 8/20/2009 Expiration Date: 8/20/2011
Date: 7/29/2009 Phone: 713-548-1070	Conditions of Approval Attached

DISTRICT I
1626 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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 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	Pool Code	Pool Name
Property Code	Property Name NVANU "13"	Well Number 2
OGRID No. 025575	Operator Name SHERIDAN PRODUCTION PART.	Elevation 4056'

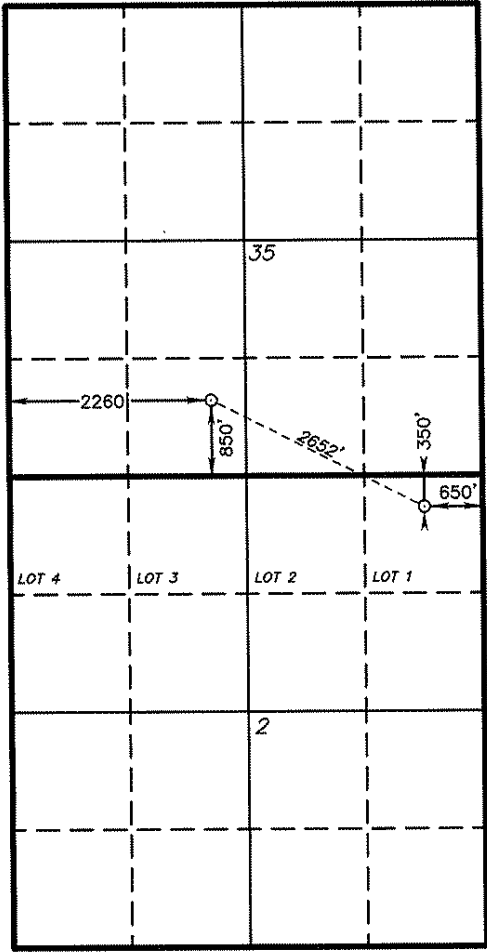
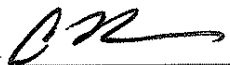
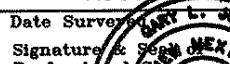
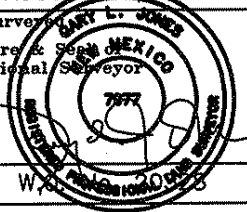
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	16 S	34 E		850	SOUTH	2260	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
LOT 1	2	17 S	34 E		350	NORTH	650	EAST	LEA
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>SURFACE LOCATION Lat - N32°52'25.52" Long - W103°31'57.57" SPC- N.: 682539.330 E.: 787161.611 (NAD-83)</p>		<p>BOTTOM HOLE LOCATION Lat - N32°52'13.77" Long - W103°31'29.77" SPC- N.: 681368.588 E.: 789541.040 (NAD-83)</p>
<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> 12/17/08 Signature Date</p> <p>Chris 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> Signature of Professional Surveyor</p> <p></p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>		

Permit Comments

Operator: SHERIDAN PRODUCTION COMPANY, LLC , 252496

Well: NVANU #132

API: 30-025-39296

Created By	Comment	Comment Date
JOYCEW	THE BHL UL OR LOT NO. = LOT 1. I DIDN'T HAVE THE OPTION TO CHOOSE A LOT NUMBER	7/27/2009
DMULL	SEE C-102 Hardcopy; 200 acres. Sec 35, Unit N,O,P and Sec 2, Unit A,B	8/19/2009
DMULL	OCD received form C-144, "Pit Registration". OCD Permit Number P1-00788.	8/19/2009

Permit Conditions of Approval

Operator: SHERIDAN PRODUCTION COMPANY, LLC , 252496

Well: NVANU #132

API: 30-025-39296

OCD Reviewer	Condition
pkautz	This well is in a waterflood. Surface casing must be set 25' below the top of the rustler Anhydrite.