

**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 DEVON ENERGY PRODUCTION COMPANY, LP 20 N BROADWAY OKLAHOMA CITY, OK 73102		2. OGRID Number 6137
		3. API Number 30-015-34575
4. Property Code 30668	5. Property Name SPUD 16 STATE	6. Well No. 006

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	16	23S	28E	D	920	N	990	W	EDDY

**8. Pool Information**

LOVING,ATOKA, NORTH (GAS)	80694
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**Additional Well Information**

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 2964
14. Multiple N	15. Proposed Depth 12500	16. Formation Atoka	17. Contractor	18. Spud Date 2/15/2006
Depth to Ground water 50		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 miles thick Clay <input type="checkbox"/> Pit Volume: 25000 bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" 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	48	350	388	0
Int1	12.25	9.625	40	2955	1008	0
Prod	8.75	7	26	10500	1228	0
Liner1	6.125	4.5	11.6	12500	253	0

**Casing/Cement Program: Additional Comments**

13 3/8" w/388 sx C1C + 2% CaCl + 1/4 lb sx Cello Flakes, 9 5/8" lead w/708 sx Poz 35:65 + 5% salt + 1/4 lb/sx Cello Flakes, tail w/300 sx C1C + 2% CaCl. 7" lead w/475 sx C1H + 5% salt + 1/4 lb/sx Cellflake, tail w/753 sx C1H + 1% salt + 1/4 lb sx celloflakes. 4 1/2" w/253 sx Poz 15:61 + 3% KCl + 1/4 lb/sx Celloflakes. Mud: 0-350 fresh, 8.4, 32 NC waterloss, 350-2955 Brine, 10.0, 28 NC water loss. 2955-10,500 fresh, 8.4-9.5, 28-32, NC Water loss, 10500-12500 Brine 9.5-12.5, 36-42, 7-10 cc water loss.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Pipe	5000	5000	
Blind	5000	5000	

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 checked="" type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Linda Guthrie	Approved By: Bryan Arrant
Title: Sr. Regulatory Specialist	Title: Geologist
Email Address: linda.guthrie@dmn.com	Approved Date: 2/1/2006   Expiration Date: 2/1/2007
Date: 2/1/2006   Phone: 405-228-8209	Conditions of Approval Attached

**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

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Form C-102  
 Permit 22327

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-34575	2. Pool Code 80694	3. Pool Name LOVING,ATOKA, NORTH (GAS)
4. Property Code 30668	5. Property Name SPUD 16 STATE	6. Well No. 006
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 2964

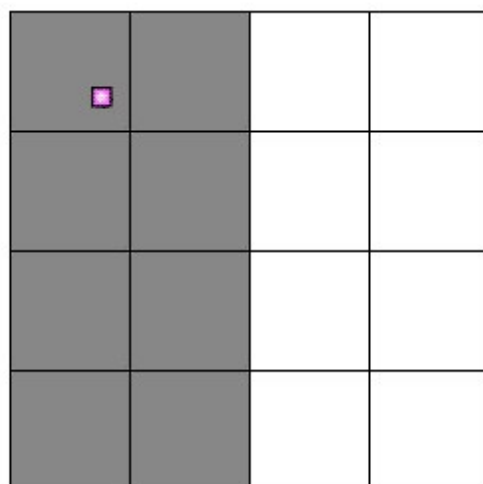
**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	16	23S	28E		920	N	990	W	EDDY

**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 320.00		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: Linda Guthrie  
 Title: Sr. Regulatory Specialist  
 Date: 2/1/2006

**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: 1/24/2006  
 Certificate Number: 7977

## Permit Comments

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: SPUD 16 STATE #006

API: 30-015-34575

Created By	Comment	Comment Date
YSASAS	C-102 to be mailed. No H2S is expected to be encountered. Nearby gas analysis to be provided.	2/1/2006

# Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: SPUD 16 STATE #006

API: 30-015-34575

OCD Reviewer	Condition
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
BArrant	Operator to set surface casing above Salado formation. Please refer to offset e-logs & other geological data for more information.