

**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 30-015-35243
4. Property Code 36153	5. Property Name STIRLING 7 D	6. Well No. 005

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	7	18S	27E	1	1110	N	450	W	EDDY

**8. Pool Information**

RED LAKE;GLORIETA-YESO	51120
------------------------	-------

**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3290
14. Multiple N	15. Proposed Depth 4000	16. Formation Yeso Formation	17. Contractor	18. Spud Date 1/1/2007
Depth to Ground water 100		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000

Pit: Liner: Synthetic ☒ 12 \_\_\_\_\_ mils thick Clay ☐ Pit Volume: 1500 \_\_\_\_\_ bbls Drilling Method:  
 Closed Loop System ☐ Fresh Water ☐ 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	48	180	275	0
Int1	12.25	8.625	24	1050	400	0
Prod	7.875	5.5	15.5	4000	914	0

**Casing/Cement Program: Additional Comments**

Set 13 3/8" casing at 180' and cmt with 100 sx C1 C followed by 175 sx C1 C. Set 8 5/8" casing at 1050' and cmt with 250 sx 35:65 Poz C followed by 150 sx C1 C. Set 5 1/2" casing at 3500' and cmt with 200 sx 35:65 Poz C followed by 714 sx 60:40 Poz C. Mud program: 0-180', 8.4-8.8, 32-34 Visc, NC, Fresh water; 180-1000', 8.4-8.8, 29-35 Visc, NC, Fresh water; 1000-4000', 9.2-9.7, 29-32 Visc, 15 cc, Cut Brine.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	2000	
Double Ram	2000	2000	
Pipe	2000	2000	

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 OCB-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	Approved Date: 11/28/2006	Expiration Date: 11/28/2007
Email Address: linda.guthrie@dvn.com		
Date: 11/21/2006	Phone: 405-228-8209	Conditions of Approval Attached

**District I**  
1625 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 & 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**

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name <b>Red Lake; Glorieta-Yeso, NE</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>STIRLING 7D</b>	<sup>6</sup> Well Number <b>5</b>
<sup>7</sup> OGRID No. <b>6137</b>	<sup>8</sup> Operator Name <b>DEVON ENERGY PRODUCITON CO., L.P.</b>	<sup>9</sup> Elevation <b>3290'</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>Lot 1</b>	<b>7</b>	<b>18 S</b>	<b>27 E</b>		<b>1110</b>	<b>NORTH</b>	<b>450</b>	<b>WEST</b>	<b>EDDY</b>

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres <b>40</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<sup>16</sup>  Lot 1  Lot 2  Lot 3  Lot 4	Lat - N 32° 46' 00.3" Long - W 104° 19' 30.0" (NAD 83)	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> 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.  Signature _____ Date <b>11/20/06</b>  <b>Norvella Adams</b> Printed Name	
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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. <b>March 22, 2006</b> Date of Survey _____ Signature and Seal of Professional Surveyor: _____  <b>Gary L. Jones 7977</b> Certificate Number		

# Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: STIRLING 7 D #005

API: 30-015-35243

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	Will require administrative order for non-standard location
BArrant	As noted, operator to obtain NSL in order to produce well.
BArrant	As noted, operator to drill surface and intermediate hole with fresh water mud.