

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
May 27, 2004

Submit to appropriate District Office

☒ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Devon Energy Production Co., L.P. 20 North Broadway OKC, OK 73102-8260		² OGRID Number 6137
		³ API Number 30-015-34575
⁴ Property Code	⁵ Property Name Spud 16 State	⁶ Well No. 6
⁹ Proposed Pool 1 Laguna Salado; Araka		¹⁰ Proposed Pool 2

Under.

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	23S	29E		920	North	990	West	Eddy

⁸ Proposed 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

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code	¹⁵ Ground Level Elevation 2964'
¹⁶ Multiple No	¹⁷ Proposed Depth 12500	¹⁸ Formation Loving; Atoka North (Gas)	¹⁹ Contractor	²⁰ Spud Date 02/21/06
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
²¹ Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12_mils thick Clay <input type="checkbox"/> Pit Volume: 25,000_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"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5	48	48#	350'	388	0
12.25	40	40#	2955'	1008	0
8.75	26	26#	10500'	1228	0
6.125	11.6	11.6#	12500'	253	0

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Proposed Casing and Cementing Program:

13 3/8" w/388 sx Cl C + 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 Cl C + 2% CaCl. 7" lead w/475 sx Cl H + 5% salt + 1/4 lb/sx Cellflake, tail w/753 sx Cl H + 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.

Operator to follow all rules, regulations of R-111-P

See attached plat for corrected "Range" typo:

Original C-102 location information: Lot D Sec 16-T23S-R28E 920' FNL & 990' FWL

Revised C-102 location information: Lot D Sec 16-T23S-R29E 920' FNL & 990' FWL

R-111-P

²³ 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"/>		OIL CONSERVATION DIVISION	
Printed name: Stephanie A. Ysasaga		Approved by: <i>Don W. Brown</i>	
Title: Sr. Staff Engineering Technician		Title: <i>District II Supervisor</i>	
E-mail Address: Stephanie.Ysasaga		Approval Date: FEB 21 2006	
Date: 02/21/06		Expiration Date: FEB 21 2007	
Phone: (405)-552-7802		Conditions of App	

NOTIFY OCD TO WITNESS
ALL CASING STRINGS

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-34575	Pool Code 79860	Pool Name Loving; Atoka, North Gas
Property Code	Property Name SPUD "16" STATE	Well Number 6
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 2964'

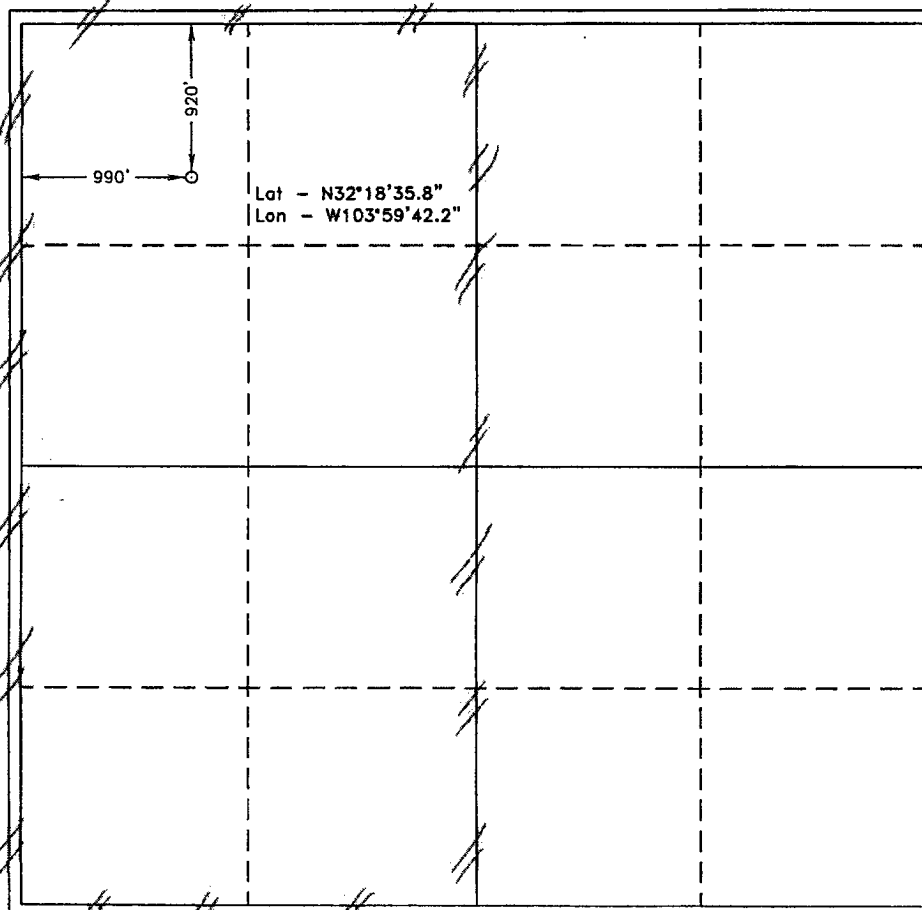
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	23 S	29 E		920	NORTH	990	WEST	EDDY

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
Dedicated Acres 320	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>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature Stephanie A. Ysasaga</p> <p>Printed Name Sr. Staff Engineering Tech</p> <p>Title 2/10/06</p> <p>Date</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>JAN 24 2006 Date Surveyed</p> <p>Signature & Seal of Professional Surveyor 7977</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
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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
4. Property Code 30668		3. API Number 30-015-34575
5. Property Name SPUD 16 STATE		6. Well No. 006

7. Surface Location

UL - Lot D	Section 16	Township 23S	Range 28E	Lot Idn D	Feet From 920	N/S Line N	Feet From 990	E/W Line W	County EDDY
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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"/> .	OIL CONSERVATION DIVISION	
Printed Name: Electronically filed by Linda Guthrie	Approved By: Bryan Arrant	
Title: Sr. Regulatory Specialist	Title: Geologist	
Email Address: linda.guthrie@dvn.com	Approved Date: 2/1/2006	Expiration Date: 2/1/2007
Date: 2/1/2006	Phone: 405-228-8209	Conditions of Approval Attached