

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

Form C-101
May 27, 2004

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

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., LP 20 North Broadway OKC, OK 73102-8260 | | ² OGRID Number 6137 | |
| ³ Property Code | | ⁴ API Number 30-015-32663 | |
| ⁵ Proposed Pool 1 WILDCAT; Delaware | | ⁶ Well No. 19 | |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| K | 21 | 26S | 29E | | 1980' | South | 1980' | 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 Rotary | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation |
| ¹⁶ Multiple No | ¹⁷ Proposed Depth 7,250 | ¹⁸ Formation Rattlesnake; Bone Springs | ¹⁹ Contractor | ²⁰ Spud Date |
| Depth to Groundwater | | Distance from nearest fresh water well | | Distance from 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 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 1/2" | 13 3/8" | 48# | 350' | 750 sx | Surface |
| 11" | 8 5/8" | 32# | 3180' | 1850 sx | Surface |
| 7 7/8" | 5 1/2" | 17# | 7251' | 700 sx | Est top of cmt 2500' |
| | | | | | |

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.

Devon Energy Production Company, LP requests approval to re-complete to the Delaware zone as follows:

- 1) MIRU Workover Rig, ND Tree, NU BOPE. POOH with existing 2-7/8" tubing. Visually inspect tubing for pitting and corrosion. If deemed necessary, new 2-7/8" tubing may be needed. This tubing is dated 2003 so should be in good shape.
- 2) MIRU WL company. RIH with gauge ring for 5-1/2" 17# casing to ensure casing is clear to 6750'. PU Weatherford (or similar) 5-1/2" Composite bridge plug and set same at approximately 6750'. POOH with GR.
- 3) TIH with tubing, open ended, to 5000'. Displace casing with clean 2% KCL water. POOH with tubing.
- 4) MIRU wireline unit. RU 3000 psi lubricator on BOP testing same to 3000 psi. Pick up 3-3/8" casing guns with Premium charges and perforate the Delaware formation from 4385'-4400' (15 feet net) and 4326' - 4342' (16 feet net) at 6 SPF @ 60 degree phasing. POOH LD guns and inspect same to ensure all shots fired. Record any changes in pressure after perforating.
- 5) RIH with 2-7/8" 6.5# tubing testing same to 4000 psi with retrievable production packer setting packer at approximately 4340'. Swab test perforations and report results to OKC.
- 6) MIRU BJ services and acidize perforations per BJ Services acid program dated January 2005. Flowback/swab all load and report results to OKC. These perforations will be hydraulically fractured based on oil cuts and shows of gas.

NOTE: If perforations are deemed wet, a composite plug will be set above these perforations and a zone at 4108 - 4126 will be tested. No H2S is anticipated.

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 NMOC guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

Printed name: Stephanie A. Ysasaga

Title: Sr. Staff Engineering Technician

E-mail Address: Stephanie.Ysasaga@dvn.com

Date: 1/07/06

Phone: (405)-552-7802

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: JAN 18 2006

Expiration Date: JAN 18 2007

Conditions of Approval Attached ☐

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

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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 30-015-32663 | Pool Code | Pool Name Delaware |
| Property Code | Property Name PARKWAY | Well Number 19 |
| OGRID No. 6137 | Operator Name Devon Energy Production Co., LP | Elevation 3317' |

Surface Location

| | | | | | | | | | |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|-----------------------|------------------------|----------------|
| UL or lot No. K | Section 21 | Township 19 S | Range 29 E | Lot ldn | Feet from the 1980 | North/South line SOUTH | Feet from the 1980 | East/West line WEST | County EDDY |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|-----------------------|------------------------|----------------|

Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|-----------------------|---------|-----------------|--------------------|-----------|---------------|------------------|---------------|----------------|--------|
| UL or lot No. | Section | Township | Range | Lot ldn | Feet from the | North/South line | Feet from the | East/West line | County |
| Dedicated Acres 40 | | 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 1/05/06</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>FEBRUARY 23, 2003</p> <p>Date Surveyed</p> <p>Signature of Seal of Professional Surveyor</p> <p>NEW MEXICO W.O. No. 30444</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p> |
|--|--|