

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014

5. Lease Serial No. NMNM114992	
6. If Indian, Allottee or Tribe Name	
7. If Unit or CA Agreement, Name and No.	
8. Lease Name and Well No. (315691) FIGHTING OKRA 18-19 FED 85H	
9. API Well No. 20-025-44174	
10. Field and Pool, or Exploratory WG-025-0-09-0253336D / UPPER WOL	11. Sec., T. R. M. or Blk. and Survey or Area SEC 18 / T26S / R34E / NMP
12. County or Parish LEA	13. State NM
14. Distance in miles and direction from nearest town or post office*	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 526 feet	16. No. of acres in lease 1283.96
17. Spacing Unit dedicated to this well 320	
18. Distance from proposed location* to nearest well, drilling, completed, 490 feet applied for, on this lease, ft.	19. Proposed Depth 12914 feet / 22867 feet
20. BLM/BIA Bond No. on file FED: CO1104	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3368 feet	22. Approximate date work will start* 06/30/2018
23. Estimated duration 45 days	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature (Electronic Submission)	Name (Printed/Typed) Rebecca Deal / Ph: (405)228-8429	Date 03/20/2017
Title Regulatory Compliance Professional		
Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) Cody Layton / Ph: (575)234-5959	Date 10/31/2017
Title Supervisor Multiple Resources		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

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APPROVED WITH CONDITIONS

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Application for Permit to Drill

APD Package Report

30-025-44174

Date Printed: 11/01/2017 12:32 PM

APD ID: 10400011217	Well Status: AAPD
APD Received Date: 03/20/2017 01:44 PM	Well Name: FIGHTING OKRA 18-19 FED
Operator: DEVON ENERGY PRODUCTION CC	Well Number: 85H

315691

6137

APD Package Report Contents

- Form 3160-3
- Operator Certification Report
- Application Report
- Application Attachments
 - Well Plat: 1 file(s)
- Drilling Plan Report
- Drilling Plan Attachments
 - Blowout Prevention Choke Diagram Attachment: 2 file(s)
 - Blowout Prevention BOP Diagram Attachment: 2 file(s)
 - Casing Design Assumptions and Worksheet(s): 4 file(s)
 - Hydrogen sulfide drilling operations plan: 1 file(s)
 - Proposed horizontal/directional/multi-lateral plan submission: 1 file(s)
 - Other Facets: 6 file(s)
 - Other Variances: 1 file(s)
- SUPO Report
- SUPO Attachments
 - Existing Road Map: 1 file(s)
 - New Road Map: 2 file(s)
 - New road access plan attachment: 2 file(s)
 - Access road engineering design attachment: 2 file(s)
 - Attach Well map: 1 file(s)
 - Production Facilities map: 10 file(s)
 - Water source and transportation map: 1 file(s)
 - Construction Materials source location attachment: 2 file(s)
 - Well Site Layout Diagram: 1 file(s)
 - Recontouring attachment: 1 file(s)
 - Other SUPO Attachment: 11 file(s)
- PWD Report

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Operator Certification Data Report

11/01/2017

Operator Certification

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

NAME: Rebecca Deal

Signed on: 03/20/2017

Title: Regulatory Compliance Professional

Street Address: 333 West Sheridan Avenue

City: Oklahoma City

State: OK

Zip: 73102

Phone: (405)228-8429

Email address: Rebecca.Deal@dvn.com

Field Representative

Representative Name: COLE METCALF

Street Address: 6488 SEVEN RIVERS HWY

City: ARTESIA

State: NM

Zip: 88210

Phone: (575)748-1872

Email address: COLE.METCALF@DVN.COM



APD ID: 10400011217

Submission Date: 03/20/2017

Highlighted data reflects the most recent changes

Operator Name: DEVON ENERGY PRODUCTION COMPANY LP

Well Name: FIGHTING OKRA 18-19 FED

Well Number: 85H

[Show Final Text](#)

Well Type: OIL WELL

Well Work Type: Drill

Section 1 - General

APD ID: 10400011217

Tie to previous NOS?

Submission Date: 03/20/2017

BLM Office: HOBBS

User: Rebecca Deal

Title: Regulatory Compliance Professional

Federal/Indian APD: FED

Is the first lease penetrated for production Federal or Indian? FED

Lease number: NMNM114992

Lease Acres: 1283.96

Surface access agreement in place?

Allotted?

Reservation:

Agreement in place? NO

Federal or Indian agreement:

Agreement number:

Agreement name:

Keep application confidential? YES

Permitting Agent? NO

APD Operator: DEVON ENERGY PRODUCTION COMPANY LP

Operator letter of designation:

Operator Info

Operator Organization Name: DEVON ENERGY PRODUCTION COMPANY LP

Operator Address: 333 West Sheridan Avenue

Zip: 73102

Operator PO Box:

Operator City: Oklahoma City State: OK

Operator Phone: (405)552-6571

Operator Internet Address: aletha.dewbre@dvn.com

Section 2 - Well Information

Well in Master Development Plan? NEW

Master Development Plan name: Rattlesnake 1 MDP

Well in Master SUPO? NO

Master SUPO name:

Well in Master Drilling Plan? NO

Master Drilling Plan name:

Well Name: FIGHTING OKRA 18-19 FED

Well Number: 85H

Well API Number:

Field/Pool or Exploratory? Field and Pool

Field Name: WC-025 G-09 S253336D

Pool Name: UPPER WOLFCAMP

Operator Name: DEVON ENERGY PRODUCTION COMPANY LP

Well Name: FIGHTING OKRA 18-19 FED

Well Number: 85H

Is the proposed well in an area containing other mineral resources? NATURAL GAS,OIL

Describe other minerals:

Is the proposed well in a Helium production area? N **Use Existing Well Pad?** NO

New surface disturbance?

Type of Well Pad: MULTIPLE WELL

Multiple Well Pad Name:
FIGHTING OKRA/JAYHAWK
Number of Legs: 1

Number: 84H, 85H, 86H/84H,
85H, 86H

Well Class: HORIZONTAL

Well Work Type: Drill

Well Type: OIL WELL

Describe Well Type:

Well sub-Type: INFILL

Describe sub-type:

Distance to town:

Distance to nearest well: 490 FT

Distance to lease line: 526 FT

Reservoir well spacing assigned acres Measurement: 320 Acres

Well plat: FIGHTING_OKRA_18_19_FED_85H_C_102_Sign_20171003142812.pdf

Well work start Date: 06/30/2018

Duration: 45 DAYS

Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD83

Vertical Datum: NAVD88

Survey number:

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD
SHL Leg #1	526	FNL	105 5	FEL	26S	34E	18	Aliquot NENE	32.04925 35	- 103.5038 474	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 114992	336 8	0	0
KOP Leg #1	330	FNL	360	FEL	26S	34E	18	Aliquot NENE	32.04946 19	- 103.5040 255	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 114992	- 897 3	123 92	123 41
PPP Leg #1	330	FNL	360	FEL	26S	34E	18	Aliquot NENE	32.04925 35	- 103.5038 474	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 114992	336 8	0	0

Operator Name: DEVON ENERGY PRODUCTION COMPANY LP

Well Name: FIGHTING OKRA 18-19 FED

Well Number: 85H

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD
EXIT Leg #1	330	FSL	360	FEL	26S	34E	19	Aliquot SESE	32.02258 33	- 103.5015 765	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 114992	- 954 6	228 67	129 14
BHL Leg #1	330	FSL	360	FEL	26S	34E	19	Aliquot SESE	32.02258 33	- 103.5015 765	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 114992	- 954 6	228 67	129 14

APD ID: 10400011217**Submission Date:** 03/20/2017Highlighted data
reflects the most
recent changes**Operator Name:** DEVON ENERGY PRODUCTION COMPANY LP**Well Name:** FIGHTING OKRA 18-19 FED**Well Number:** 85H[Show Final Text](#)**Well Type:** OIL WELL**Well Work Type:** Drill

Section 1 - Existing Roads

Will existing roads be used? YES**Existing Road Map:**

Fighting_Okra_18_19_Fed_85H_Access_Rd_20171002152604.pdf

Existing Road Purpose: ACCESS,FLUID TRANSPORT**Row(s) Exist?** NO

ROW ID(s)

ID:**Do the existing roads need to be improved?** YES**Existing Road Improvement Description:** Improve road to accommodate Drilling and Completion operations.**Existing Road Improvement Attachment:**

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? YES**New Road Map:**

FIGHTING_OKRA_18_19_FED_85H_Access_MDP_Rd_20171002152642.pdf

Fighting_Okra_18_19_Fed_85H_New_Acc_Rd_20171002152748.pdf

New road type: COLLECTOR,RESOURCE**Length:** 176 Feet **Width (ft.):** 30**Max slope (%):** 6 **Max grade (%):** 4**Army Corp of Engineers (ACOE) permit required?** NO**ACOE Permit Number(s):****New road travel width:** 30**New road access erosion control:** Water drainage ditch**New road access plan or profile prepared?** YES**New road access plan attachment:**

FIGHTING_OKRA_18_19_FED_85H_Access_MDP_Rd_20171002152829.pdf

Fighting_Okra_18_19_Fed_85H_New_Acc_Rd_20171002152830.pdf

Operator Name: DEVON ENERGY PRODUCTION COMPANY LP

Well Name: FIGHTING OKRA 18-19 FED

Well Number: 85H

Access road engineering design? YES

Access road engineering design attachment:

FIGHTING_OKRA_18_19_FED_85H_Access_MDP_Rd_20171002152914.pdf

Fighting_Okra_18_19_Fed_85H_New_Acc_Rd_20171002152915.pdf

Access surfacing type: GRAVEL

Access topsoil source: ONSITE

Access surfacing type description:

Access onsite topsoil source depth: 6

Offsite topsoil source description:

Onsite topsoil removal process: See attached Interim reclamation diagram; Interim reclamation will be postponed in accordance to the stipulations within the MDP document.

Access other construction information:

Access miscellaneous information:

Number of access turnouts:

Access turnout map:

Drainage Control

New road drainage crossing: OTHER

Drainage Control comments: N/A

Road Drainage Control Structures (DCS) description: N/A

Road Drainage Control Structures (DCS) attachment:

Access Additional Attachments

Additional Attachment(s):

Section 3 - Location of Existing Wells

Existing Wells Map? YES

Attach Well map:

FIGHTING OKRA 18-19 FED 85H_1 Mile Radius Map_02-16-2017.pdf

Existing Wells description:

Section 4 - Location of Existing and/or Proposed Production Facilities

Submit or defer a Proposed Production Facilities plan? SUBMIT

Estimated Production Facilities description:

Production Facilities description: RS MDP1 CTB 18-1 - 8 Attachments - Battery Connect Gas & Crude, CTB Plat, Electric Plats (2), Flowline Corridor, 2 Flowline Plats (flowlines burried) MDP Pad, Primary Electric Line

Production Facilities map:

Fighting_Okra_18_19_Fed_85H_BATCONN_CRUDE_03-20-2017.pdf

Operator Name: DEVON ENERGY PRODUCTION COMPANY LP

Well Name: FIGHTING OKRA 18-19 FED

Well Number: 85H

Fighting_Okra_18_19_Fed_85H_BATCONN_GAS_03-20-2017.pdf
Fighting_Okra_18_19_Fed_85H_CTB_18_1_03-20-2017.pdf
Fighting_Okra_18_19_Fed_85H_CTB_EL_P_R1_03-20-2017.pdf
Fighting_Okra_18_19_Fed_85H_ELE_03-20-2017.pdf
Fighting_Okra_18_19_Fed_85H_FLOWLINE_CORRIDOR_03-20-2017.PDF
Fighting_Okra_18_19_Fed_85H_MDP1_PAD_PLAT_03-20-2017.pdf
Fighting_Okra_18_19_Fed_85H_PRIM_ELE_03-20-2017.pdf
Fighting_Okra_18_19_Fed_85H_Flowline_RS_MDP_CTB_20171002153000.pdf
Fighting_Okra_18_19_Fed_85H_Flowline_RS_MDP_20171002153005.pdf

Section 5 - Location and Types of Water Supply

Water Source Table

Water source use type: STIMULATION

Water source type: RECYCLED

Describe type:

Source latitude:

Source longitude:

Source datum:

Water source permit type: OTHER

Source land ownership: FEDERAL

Water source transport method: PIPELINE

Source transportation land ownership: FEDERAL

Water source volume (barrels): 350000

Source volume (acre-feet): 45.112583

Source volume (gal): 14700000

Water source and transportation map:

Fighting Okra 18-19 Fed 85H_Water Map_02-16-2017.pdf

Water source comments: The attached Water Transfer Map is a proposal only and the final route and documentation will be provided by a Devon contractor prior to installation. When available Devon will always follow existing disturbance.

New water well? NO

New Water Well Info

Well latitude:

Well Longitude:

Well datum:

Well target aquifer:

Est. depth to top of aquifer(ft):

Est thickness of aquifer:

Aquifer comments:

Aquifer documentation:

Well depth (ft):

Well casing type:

Well casing outside diameter (in.):

Well casing inside diameter (in.):

Operator Name: DEVON ENERGY PRODUCTION COMPANY LP

Well Name: FIGHTING OKRA 18-19 FED

Well Number: 85H

New water well casing?

Used casing source:

Drilling method:

Drill material:

Grout material:

Grout depth:

Casing length (ft.):

Casing top depth (ft.):

Well Production type:

Completion Method:

Water well additional information:

State appropriation permit:

Additional information attachment:

Section 6 - Construction Materials

Construction Materials description: Dirt fill and caliche will be used to construct well pad.

Construction Materials source location attachment:

Fighting_Okra_18_19_Fed_85H_CALICHE_MAP_03-20-2017.pdf

Fighting_Okra_18_19_Fed_85H_Grading_Plan_20171002153112.pdf

Section 7 - Methods for Handling Waste

Waste type: COMPLETIONS/STIMULATION

Waste content description: Flow back water during completion operations.

Amount of waste: 3000 barrels

Waste disposal frequency: One Time Only

Safe containment description: N/A

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY

Disposal location ownership: COMMERCIAL

Disposal type description:

Disposal location description: Various disposal locations in Lea and Eddy counties.

Waste type: FLOWBACK

Waste content description: Average produced BWPD over the flowback period (first 30 days of production).

Amount of waste: 2000 barrels

Waste disposal frequency: Daily

Safe containment description: N/A

Safe containmant attachment:

Waste disposal type: OFF-LEASE INJECTION

Disposal location ownership: STATE

Disposal type description:

Operator Name: DEVON ENERGY PRODUCTION COMPANY LP

Well Name: FIGHTING OKRA 18-19 FED

Well Number: 85H

Disposal location description: Produced water during flowback will be disposed of at our Rattlesnake 16 SWD.

Waste type: PRODUCED WATER

Waste content description: Average produced BWPD over the first year of production.

Amount of waste: 1400 barrels

Waste disposal frequency : Daily

Safe containment description: N/A

Safe containant attachment:

Waste disposal type: OFF-LEASE INJECTION **Disposal location ownership:** STATE

Disposal type description:

Disposal location description: Produced water will be primarily disposed of at our Rattlesnake 16 SWD. At certain times during the year, some of the water will be recycled and used for drilling/completion operations. This recycle facility is at the same location as the SWD (state).

Waste type: DRILLING

Waste content description: Water and oil based cuttings

Amount of waste: 1600 barrels

Waste disposal frequency : Daily

Safe containment description: N/A

Safe containant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** PRIVATE

Disposal type description:

Disposal location description: All cutting will be disposed of at R360, Sundance, or equivalent.

Reserve Pit

Reserve Pit being used? NO

Temporary disposal of produced water into reserve pit?

Reserve pit length (ft.) **Reserve pit width (ft.)**

Reserve pit depth (ft.) **Reserve pit volume (cu. yd.)**

Is at least 50% of the reserve pit in cut?

Reserve pit liner

Reserve pit liner specifications and installation description

Cuttings Area



Section 1 - General

Would you like to address long-term produced water disposal? NO

Section 2 - Lined Pits

Would you like to utilize Lined Pit PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Lined pit PWD on or off channel:

Lined pit PWD discharge volume (bbl/day):

Lined pit specifications:

Pit liner description:

Pit liner manufacturers information:

Precipitated solids disposal:

Describe precipitated solids disposal:

Precipitated solids disposal permit:

Lined pit precipitated solids disposal schedule:

Lined pit precipitated solids disposal schedule attachment:

Lined pit reclamation description:

Lined pit reclamation attachment:

Leak detection system description:

Leak detection system attachment:

Lined pit Monitor description:

Lined pit Monitor attachment:

Lined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Lined pit bond number:

Lined pit bond amount:

Additional bond information attachment:

Section 3 - Unlined Pits

Would you like to utilize Unlined Pit PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Unlined pit PWD on or off channel:

Unlined pit PWD discharge volume (bbl/day):

Unlined pit specifications:

Precipitated solids disposal:

Describe precipitated solids disposal:

Precipitated solids disposal permit:

Unlined pit precipitated solids disposal schedule:

Unlined pit precipitated solids disposal schedule attachment:

Unlined pit reclamation description:

Unlined pit reclamation attachment:

Unlined pit Monitor description:

Unlined pit Monitor attachment:

Do you propose to put the produced water to beneficial use?

Beneficial use user confirmation:

Estimated depth of the shallowest aquifer (feet):

Does the produced water have an annual average Total Dissolved Solids (TDS) concentration equal to or less than that of the existing water to be protected?

TDS lab results:

Geologic and hydrologic evidence:

State authorization:

Unlined Produced Water Pit Estimated percolation:

Unlined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Unlined pit bond number:

Unlined pit bond amount:

Additional bond information attachment:

Section 4 - Injection

Would you like to utilize Injection PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Injection PWD discharge volume (bbl/day):

Injection well mineral owner:

Injection well type:

Injection well number:

Assigned injection well API number?

Injection well new surface disturbance (acres):

Minerals protection information:

Mineral protection attachment:

Underground Injection Control (UIC) Permit?

UIC Permit attachment:

Injection well name:

Injection well API number:

Section 5 - Surface Discharge

Would you like to utilize Surface Discharge PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Surface discharge PWD discharge volume (bbl/day):

Surface Discharge NPDES Permit?

Surface Discharge NPDES Permit attachment:

Surface Discharge site facilities information:

Surface discharge site facilities map:

Section 6 - Other

Would you like to utilize Other PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

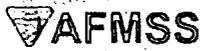
Other PWD discharge volume (bbl/day):

Other PWD type description:

Other PWD type attachment:

Have other regulatory requirements been met?

Other regulatory requirements attachment:



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Bond Info Data Report

11/01/2017

Bond Information

Federal/Indian APD: FED

BLM Bond number: CO1104

BIA Bond number:

Do you have a reclamation bond? NO

Is the reclamation bond a rider under the BLM bond?

Is the reclamation bond BLM or Forest Service?

BLM reclamation bond number:

Forest Service reclamation bond number:

Forest Service reclamation bond attachment:

Reclamation bond number:

Reclamation bond amount:

Reclamation bond rider amount:

Additional reclamation bond information attachment: