

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**OC DELETED**

**JUN 25 2019**

5. Lease Serial No.  
NMNM12210

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
SRM1165

8. Well Name and No.  
LITTLE FIELD EM 1

9. API Well No.  
30-015-21996-00-D1

10. Field and Pool or Exploratory Area  
UNDESIGNATED

11. County or Parish, State  
EDDY COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

**DISTRICT II ARTESIANO CO.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
DEVON ENERGY PRODUCTION COMPANY  
Contact: ARMON RADFAR  
E-Mail: Armon.Radfar@dvn.com

3a. Address  
333 WEST SHERIDAN AVENUE  
OKLAHOMA, OK 73102

3b. Phone No. (include area code)  
Ph: 405-552-5014

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 20 T18S R31E NWSE 1980FSL 1980FEL

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

- 1. MIRU P&A Unit. TOH 2-3/8" tbg strings.
- 2. Set CIBP @ 11500'. Tag. Circ 10# salt gel. Spot 65 sx CI H from 11500'-41190'. (Morrow perfs at 11290 @ 11567'; Top Morrow @ 41298') **11354**
- 3. Set CIBP @ 41100'. Tag. Circ 10# salt gel. Spot 25 sx CI H from 41100'-40980'. (Atoka perfs at @ 11462') **102 11052**
- 4. Spot 25 sx CI H from 9640'-9490'. (Top Wolfcamp @ 9558') **9632 9682-9482**
- 5. Spot 25 sx CI H from 8220'-8100'. (Spacer) **180' min.**
- 6. Perf @ 5875'. Squeeze 30 sx CI C from 5875'-5765'. (Top Bone Spring @ 5824') **5976 6026-5866. WOC Tag**
- 7. Perf @ 4650'. Squeeze 65 sx CI C from 4650'-4450'. WOC & tag. (Top Delaware @ 4597'; Shoe @ 4507')
- 8. Perf @ 2090'. Squeeze 35 sx CI C from 2090'-1980'. WOC & tag. (B. Salt, Yates @ 2040') **2080 2130-1880**
- 9. Perf @ 1250'. Squeeze 35 sx CI C from 1250'-1140'. WOC & tag. (DV Tool @ 1197')

**GC 6/25/19**  
**Accepted for record - NMOCD**

*Below ground level dry hole marker required.*

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #466914 verified by the BLM Well Information System  
For DEVON ENERGY PRODUCTION COM LP, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 05/29/2019 (19PP22543E)**

Name (Printed/Typed) ARMON RADFAR	Title ENGINEER
Signature (Electronic Submission)	Date 05/29/2019

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <i>James A. Jones</i>	Title <i>SAET</i>	Date <i>6-1-19</i>
Conditions of approval, if any, are attached. Approval of this notice 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.		Office <i>CEO</i>

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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Additional data for EC transaction #466914 that would not fit on the form**

**32. Additional remarks, continued**

10. Perf @ 730'. Squeeze 55 sx CI C from 730'-570'. WOC & tag. (T. Salt @ 679'; Shoe @ 620')
11. Perf @ 140'. Squeeze CI C from 140' to surface.
12. Cut wellhead off 3' BGL, set dry hole marker.

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: <b>LITTLEFIELD E.M.COM 1</b>	Field: <b>Hackberry North</b>
Location: <b>1900 FEL 1900 FEL SEC 20-T18S-R31E</b>	County: <b>Eddy</b> State: <b>New Mexico</b>
Elevation: <b>3629' GL</b>	Spud Date: <b>12/23/1976</b> Compl Date: <b>3/28/1977</b>
API#: <b>30-015-21996</b> Prepared by: <b>Arvin Rader</b>	Date: <b>5/29/19</b> Rev:

**CURRENT WELLBORE**

17-1/2" Hole ✓  
 13-3/8", 48#, K-55, ST&C @ 620' ✓  
 Cmt'd w/525 sx CI C circ to surface ✓

DV Tool @ 1197'

12-1/4" Hole ✓  
 9-5/8", 40#, K-55, LT&C @ 4507' ✓  
 Cmt'd w/1950 sx CI C circ to surface ✓

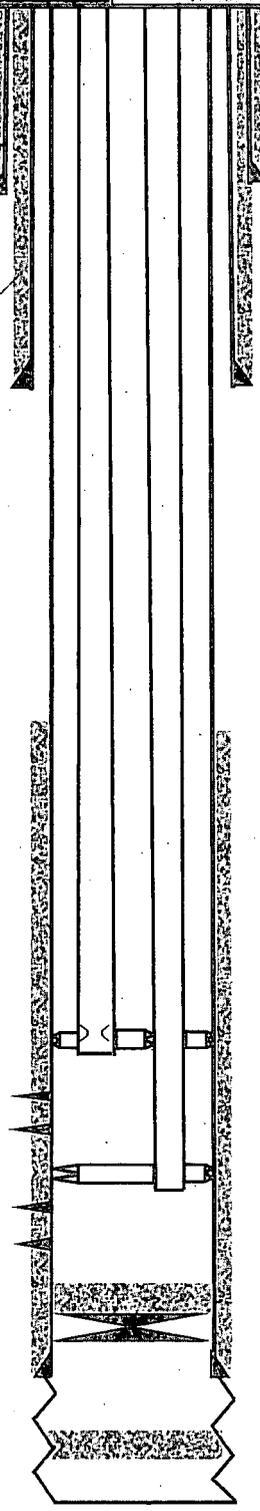
7960  
 TOC @ 7906' (temp srvy)

Perforations  
 11102'-11120' (Atoka) ✓  
 11567'-11735' (Morrow) ✓

8-3/4" Hole ✓  
 7", 23# & 26#, N-80 & K-55 @ 12145' ✓  
 Cmt'd w/900 sx CI H cmt to 7960' (temp srvy)

PBTD @ 11896'

6-1/8" Open Hole



Atoka tubing string: (97/84)  
 350 Jts, 2-3/8" prod tubing  
 Packer, SN & EOT @ 11047'

Morrow tubing string: (97/84)  
 365 Jts, 2-3/8" prod tubing  
 Packer & EOT @ 11510'

50 sx CI H @ 12700'

Platy	520
T/salt	681
B/salt	1930
Yt	2080
CB 2560	2200
Del.	
BS	5976
WC	9632
ST	10639
AT	10944
MR	11354
Bacnet	11760
Miss	12058
WF	12570
Del	12604

13163'

**DEVON ENERGY PRODUCTION COMPANY LP**

Well Name: <b>LITTLEFIELD E M COM 1</b>	Field: <b>Hackberry North</b>
Location: <b>1300 FSL 1300 FEL SEC 20-T185-R31E</b>	County: <b>Eddy</b> State: <b>New Mexico</b>
Elevation: <b>3639' GL</b>	Spud Date: <b>12/23/1976</b> Compl Date: <b>3/28/1977</b>
API#: <b>30-015-21996</b> Prepared by: <b>Arnar Raafar</b>	Date: <b>5/29/19</b> Rev:

**PROPOSED WELLBORE**

17-1/2" Hole  
13-3/8", 48#, K-55, ST&C @ 620'  
 Cmt'd w/525 sx CI C circ to surface

12-1/4" Hole  
9-5/8", 40#, K-55, LT&C @ 4507'  
 Cmt'd w/1950 sx CI C circ to surface

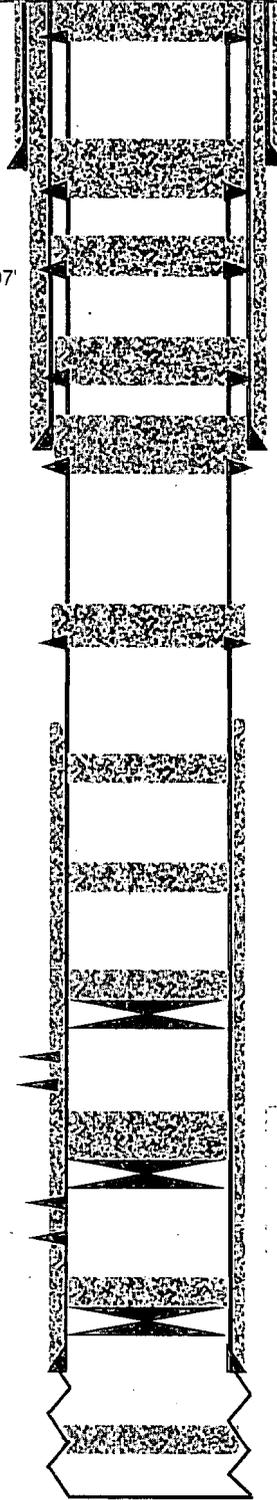
TOC @ 7906' (temp srvy)

Perforations  
 11102'-11120' (Atoka)  
 11567'-11735' (Morrow)

PBTD @ 11896'

8-3/4" Hole  
7", 23# & 26#, N-80 & K-55 @ 12145'  
 Cmt'd w/900 sx CI H cmt to 7960' (temp srvy)

6-1/8" Open Hole



13163'

Proposed:  
 1. Perf @ 140'.  
 2. Squeeze CI C from 140' to surface.  
 3. Cut WH off 3' BGL, set dry hole marker.

Proposed:  
 1. Perf @ 730'.  
 2. Squeeze 55 sx CI C from 730'-570'. WOC & tag.  
 (T. Salt @ 679'; Shoe @ 620')

Proposed:  
 1. Perf @ 1250'.  
 2. Squeeze 35 sx CI C from 1250'-1140'. WOC & tag.  
 (DV Tool @ 1197')

Proposed:  
 1. Perf @ 2090'.  
 2. Squeeze 35 sx CI C from 2090'-1980'. WOC & tag.  
 (B. Salt, Yates @ 2040')

Proposed:  
 1. Perf @ 4650'.  
 2. Squeeze 65 sx CI C from 4650'-4450'. WOC & tag.  
 (Top Delaware @ 4597'; Shoe @ 4507')

Proposed:  
 1. Perf @ 5875'.  
 2. Squeeze 30 sx CI C from 5875'-5765'.  
 (Top Bone Spring @ 5824')

Proposed:  
 Spot 25 sx CI H from 8220'-8100'.  
 (Spacer)

Proposed:  
 Spot 25 sx CI H from 9610'-9490'.  
 (Top Wolfcamp @ 9558')

Proposed:  
 1. Set CIBP @ 11100'. Tag. Circ 10# salt gel.  
 2. Spot 25 sx CI H from 11100'-10980'.  
 (Atoka perms at @ 11162')

Proposed:  
 1. Set CIBP @ 11500'. Tag. Circ 10# salt gel.  
 2. Spot 65 sx CI H from 11500'-11190'.  
 (Morrow perms at @ 11567'; Top Morrow @ 11290')

50 sx CI H @ 12700'

BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

Permanent Abandonment of Federal Wells  
Conditions of Approval (LPC Habitat)

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.**

**The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.**

2. **Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.**

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.** Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

**Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:**

From March 1<sup>st</sup> through June 15<sup>th</sup> annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted