

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTCarlsbad Field Office
OCD HobbsFORM 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.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC069276
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY Contact: ERIN WORKMAN Email: Erin.workman@dvn.com		6. If Indian, Allottee or Tribe Name
3a. Address 6488 SEVEN RIVERS HIGHWAY ARTESIA, NM 88211	3b. Phone No. (include area code) Ph: 405-552-7970	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T18S R33E NWNW 660FNL 660FWL		8. Well Name and No. WEST CORBIN 19 01
		9. API Well No. 30-025-33468-00-S1
		10. Field and Pool or Exploratory Area S CASS
		11. County or Parish, State LEA COUNTY, NM

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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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 recompleat 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 recompleat 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.

Devon Energy Production Co., LP respectfully requests to plug back the Corbin, Wolfcamp, South and recompleat to the 1st Bone Spring Sand, per the attached procedures.

Attachment: Recompletion Procedures
Current Wellbore
Proposed Wellbore
Updated C-102

Thanks,

14. I hereby certify that the foregoing is true and correct. Electronic Submission #432728 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION COMPANY LP, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 08/29/2018 (18PP1758SE)	
Name (Printed/Typed) ERIN WORKMAN	Title REGULATORY COMPLIANCE PROF.
Signature (Electronic Submission)	Date 08/24/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>/s/ Jonathon Shepard</u>	Title <u>Petroleum Engineer</u> Date <u>SEP 21 2018</u>
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 <u>Carlsbad Field Office</u>

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 ****

DVN: Corbin West 19 Fed #1

API #30-025-33468

660' FNL & 660' FWL

Sec 19-T18S-R33E

Lat 32.7383701 Long -103.7091197

Lea County, NM

8/22/18

Purpose: Recomplete Bone Spring

GLM: 3,820' KBM: 3,837' KB: 17' AGL

T.D. – 11,350' PBD – 10,018'; CIBP SET @ 10,220' w/ 202' cmt on top (10,018')

Wellbore fluid: Formation oil, natural gas and formation water.

Casing and Tubing Data:

Size	Wt. lb/ft	Grade	Interval	(.80 S. F.) Collapse	(.80 S. F.) Burst	Drift	Capacity (bbls/ft)
13-3/8"	48	H-40	0 - 425'	600	1,375	12.559"	
9-5/8"	36	J-55	0 - 2,855'	1,600	2,800	8.765"	
5-1/2"	17	N-80	0 - 11,333'	5,100	6,175	4.767"	0.0232
2-7/8"	6.5	L-80	0 - 11,157'	8,925	8,450	2.347"	0.00579

2-7/8" by 5-1/2" – 0.0152 bbls/ft.

5-1/2" – 0.1305 ft3/ft

Top of Cement: To be validated via Cement Bond Log during procedure

Current Perfs:

Wolcamp

11,123 – 11,145 [4 SPF] (22')

Safety:

All personnel will wear hard hats, safety glasses with side shields, and steel toed boots while on location. Assess wellhead working height for safety. If needed, use work platform or man-lift for fall protection. H2S monitoring equipment is required by BLM to be on location.

Corbin West 19 Fed #1

Procedure:

1. Remove PR and Stuffing Box. Install Rod rams. Unseat pump and T.O.H. with rods and pump (see detail above). Send in pump to be checked and redressed.

2. ND wellhead. NU 5,000 psi BOPE (3M), w/1 set of blind rams on bottom plus 1 set of 2-7/8" tbg rams on top. Test BOPE to Devon specifications. Have 10,000 psi tubing valve(s) for frac.
3. Unset TAC @ ~10,865' and T.O.H. with tubing
4. TIH and set CIBP at 10,220'. Cap CIBP with 202' cement for a PBTD of 10,018'. Wait on cement.
5. MIT the 5-1/2" csg to 500 psi at surface for 1 hour with a 1000 psi chart recorder and submit results to BLM.
6. Run casing integrity log and CBL. Submit results to BLM and verify top of cement above proposed perforated interval. Do not proceed until casing integrity and cement bond accepted by BLM.
7. Notify BLM once work begins.
8. RU frac crew, iron, and tubing isolation valves rated for > 5,000 psig service. TIH frac string and packer. Set packer at 8,200'. Test CIBP and cement plug to max treating pressure. Test annulus to 1,000 psig to verify packer integrity.
9. R.U. Wireline Service Company and full lubricator. Test lubricator to Devon specifications. RIH with slick guns. Perforate the 1st Bone Spring Sand between 8,924' and 8,447' MD.
10. RD Wireline. RU frac crew. Test iron and stimulate perforated interval in the Bone Spring Sand.
11. RD frac. Flow well back immediately.
12. Once well dies. Unset treating packer, drop down and reverse circ. out fluid to PBTD of 10,018'. TOOH frac string. RDMO frac stack and additional equipment.
13. T.I.H. with production tubing detail as before but place T.A.C. @ ~ 9,000' (below bottom perf).
14. N.D. BOPE and N.U. wellhead. Install rod rams.
15. T.I.H. with pump and rod design as before with reworked pump.
16. R.D.M.O. DDCU and release all rentals. Return well to production.

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: WEST CORBIN 19 FEDERAL #1		Field: CORBIN SOUTH	
Location: 660' FNL & 660' FWL; SEC 19-T18S-R33E		County: LEA	State: NM
Elevation: 3837' KB; 3820' GL; 17' KB to GL		Spud Date: 7/16/96	Compl Date: 9/7/96
API#: 30-025-33468	Prepared by: Armon Radfar	Date: 8/23/18	Rev:

CURRENT WELLBORE

17-1/2" hole

13-3/8", 48#, H40, 8RD, STC, @ 442'

Cmt'd w/475 sx to surface

12-1/4" Hole

9-5/8", 36#, J55, 8RD, STC, @ 2,872'

Cmt'd w/1200 sx to surface

Rustler 1292'
Yates 2869'
Queen 4059'
Grayburg 4625'
Delaware 5450'
Bone Spring 6959'
1st Bone Spring 8494'
2nd Bone Spring 9263'
3rd Bone Spring 9938'
Wolfcamp 10268'

WOLFCAMP (8/97)

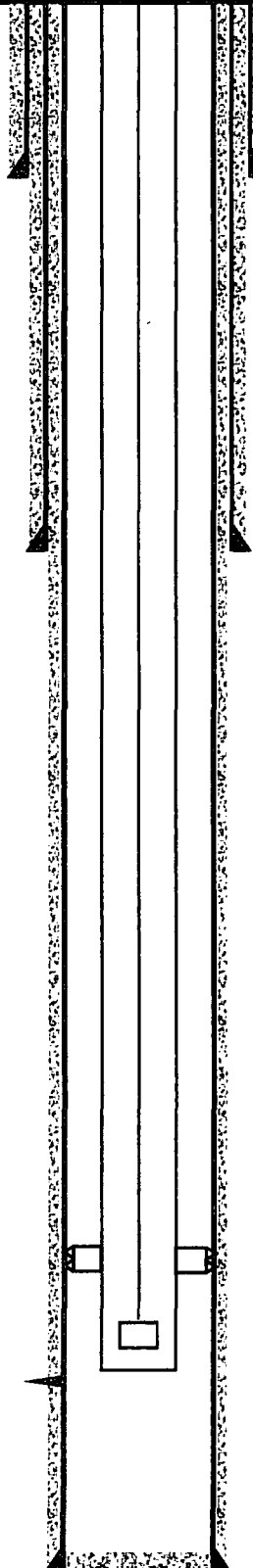
11,123' - 11,145'

4 spf/1500 GAL 15% MCA ACID

8-3/4" Hole

5-1/2", 17#, N80, 8RD, LTC, @ 11,350'

Cmt'd w/2210 sx to surface



341 Jts -2-7/8" Prod tubing (8/23/17)

TAC @ 10,865'

9 Jts -2-7/8" Prod tubing (8/23/17)

SN @ 11,120'

MJ, EOT @ 11,157'

11,350' TD

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: WEST CORBIN 19 FEDERAL #1		Field: CORBIN SOUTH	
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Elevation: 3837' KB; 3820' GL; 17' KB to GL		Spud Date: 7/16/96	Compl Date: 9/7/96
API#: 30-025-33468	Prepared by: Armon Radfar	Date: 8/23/18	Rev:

PROPOSED BONE SPRING RECOMPLETION

17-1/2" hole

13-3/8", 48#, H40, 8RD, STC, @ 442'

Cmt'd w/475 sx to surface

12-1/4" Hole

9-5/8", 36#, J55, 8RD, STC, @ 2,872'

Cmt'd w/1200 sx to surface

Proposed:

BONE SPRING

8,447' - 8,710'

8,916' - 8,924'

Rustler 1292'

Yates 2869'

Queen 4059'

Grayburg 4625'

Delaware 5450'

Bone Spring 6959'

1st Bone Spring 8494'

2nd Bone Spring 9263'

3rd Bone Spring 9938'

Wolfcamp 10268'

Proposed:

2. Cap CIBP w/202' cmt. 10,018' PBD.

1. Set CIBP @ 10,220'

WOLFCAMP (8/97)

11,123' - 11,145'

4 spf/1500 GAL 15% MCA ACID

8-3/4" Hole

5-1/2", 17#, N80, 8RD, LTC, @ 11,350'

Cmt'd w/2210 sx to surface

11,350' TD

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-33468	² Pool Code 13160	³ Pool Name CORBIN; BONE SPRING, SOUTH
⁴ Property Code 18972	⁵ Property Name WEST CORBIN 19 FEDERAL	
⁷ OGRID No. 147380	⁸ Operator Name DEVON ENERGY PRODUCTION CO., LP	
		⁶ Well Number 1
		⁹ Elevation 3820'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 1	19	18S	33E		660	NORTH	660	WEST	LEA

¹¹ 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

¹² Dedicated Acres 80 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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>¹⁷ OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>Erin Workman</i> 08/24/18 Signature Date</p> <p>Erin Workman Printed Name</p> <p>Erin.workman@dvn.com E-mail Address</p>
				<p>¹⁸ 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>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Production Zone Conditions of Approval

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. Plug back operations shall commence within ninety (90) days from this approval. **If you are unable to plug back the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**
2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in 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. **Before pumping 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. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back 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 work was completed.** If plugging back to a new zone submit a Completion Report, form 3160-4 with the Subsequent Report.
7. **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.
8. **If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken:**
From March 1st through June 15th 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