

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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

5. Lease Serial No.
NMLC069276

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
WEST CORBIN 19 02

9. API Well No.
30-025-33508-00-S1

10. Field and Pool or Exploratory Area
S CASS

11. County or Parish, State
LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY PRODUCTION COMPANY

Contact: ERIN WORKMAN

Email: Erin.workman@dmv.com

3a. Address

6488 SEVEN RIVERS HIGHWAY
ARTESIA, NM 88211

3b. Phone No. (include area code)

Ph: 405-552-7970

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 19 T18S R33E NWSW 2173FSL 660FWL

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 checked="" 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 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 recompleate 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 recompleation 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.

In response to the COA for this well on 04/18/2017 approved by Paul Schwartz, Devon Energy Production Company, LP respectfully requests approval to plug back the Corbin; Wolfcamp, South and recompleate to the Bone Spring with the attached procedures.

Attached: Procedures
Current & Proposed Wellbore Schematic
Approved Sundry

**SUBJECT TO LIKE
APPROVAL BY STATE**

APPROVED

Thank you!

WITNESS

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Electronic Submission #381989 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 07/26/2017 (17PP0537SE)

Name (Printed/Typed) ERIN WORKMAN

Title REGULATORY COMPLIANCE PROF.

Signature (Electronic Submission)

Date 07/20/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

PR Schwartz

Title

TPET

Date

09/01/17

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.

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

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 # 2**API #30-025-33508****Sec 19-T18S-R33E-1****Lea County, NM****7/18/2017****Purpose: Recomplete 1st Bone Spring****T.D. – 11,350' PBTD – 10,2858' ; CIBP to be SET @ ~10,290' w/ 25' cmt on top (10,265')****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 - 460'	600	1,375	12.559"	
8-5/8"	32	J-55	0 - 2,860'	2,000	3,100	7.796"	
5-1/2"	17	N-80	0 - 11,350'	5,000	6,175	4.767"	0.0232
2-7/8"	6.5	N-80	0 - 8,600'	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:****Wolfcamp**

11,102' – 11,106' (4')

10,343' – 10,354' (11')

Corbin West 19 Fed # 2**Procedure:**

1. Remove PR and Stuffing Box. Install Rod rams. Unseat pump and T.O.H. with rods and pump.
2. ND wellhead. NU 5,000 psi BOPE, 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 @ ~10,464'. T.O.H.
4. TIH and set CIBP at 10,290'. Cap CIBP with 35' cement for a PBTD of 10,255'. Wait on cement.

5. MIT the 5-1/2" csg to 500 psi at surface for 30 min 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. RU frac crew, iron, and tubing isolation valves rated for > 5,000 psig service. TIH frac string and packer. Set packer at 8,300'. Test CIBP and cement plug to max treating pressure. Test annulus to 1,000 psig to verify packer integrity.
8. R.U. Wireline Service Company and full lubricator. Test lubricator to Devon specifications. RIH with slick guns. Perforate the 1st Bone Spring Sand between 8,574' and 8,504' MD.
9. RD Wireline. RU frac crew. Test iron and stimulate perforated interval in the 1st Bone Spring Sand.
10. RD frac. Flow well back immediately.
11. Once well dies. Unset treating packer, drop down and reverse circ. out fluid to PBTD of 10,255'. TOOH frac string. RDMO frac stack and additional equipment.
12. T.I.H. with production tubing detail as before but place T.A.C. @ ~ 8,600' (below bottom perf).
13. N.D. BOPE and N.U. wellhead. Install rod rams.
14. T.I.H. with pump and rod design.
15. R.D.M.O. DDCU and release all rentals. Return well to production.

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: WEST CORBIN 19 FEDERAL #2		Field: CORBIN SOUTH	
Location: 2173' FSL & 660' FWL; SEC 19-T18S-R33E		County: LEA	State: NM
Elevation: 3810' KB; 3797' GL; 13' KB to GL		Spud Date: 4/27/97	Compl Date: 8/30/97
API#: 30-025-33508	Prepared by: Ronnie Slack	Date: 7/19/17	Rev:

CURRENT WELLBORE

17-1/2" hole

13-3/8", 48#, H40, 8RD, STC, @ 460'

Cmt'd w/400 sx to surface

11" Hole

8-5/8", 32#, J55, 8RD, STC, @ 2,860'

Cmt'd w/750 sx to surface

Rustler 1270'
Yates 2854'
Queen 4060'
Grayburg 4670'
Delaware 5225'
Bone Spring 7055'
1st Bone Spring 8454'
2nd Bone Spring 9255'
3rd Bone Spring 9958'
Wolfcamp 10340'

WOLFCAMP (10/19/08)

10,343' - 10,354' 2 spf, 120°

10/22/08: acidized 10343-50' w/1500 gal 15% HCl

WOLFCAMP (8/97)

11,080' - 11,086'

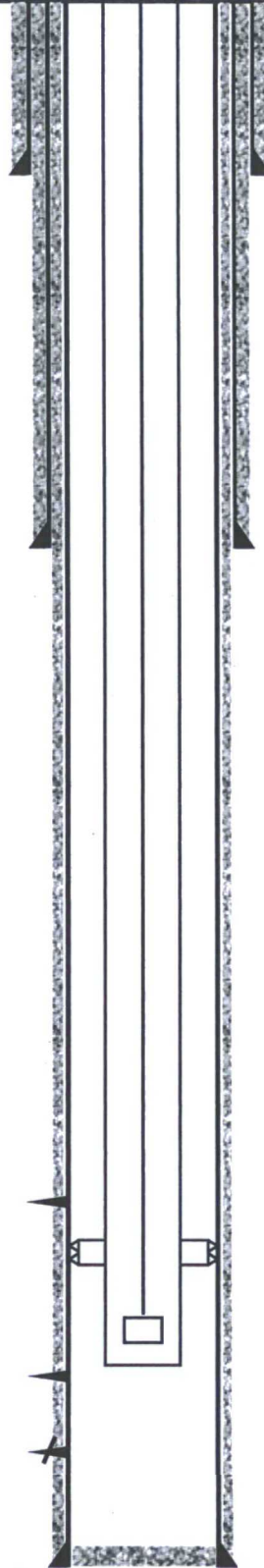
WOLFCAMP (8/97)

11,102' - 11,106' Sqzd w/50 sx Cl H @ 3500 psi

7-7/8" Hole

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

Cmt'd w/1950 sx to surface



11,350' TD

330 Jts -2-7/8" Prod tubing (7/7/11)

TAC @ 10,464'

17 Jts -2-7/8" Prod tubing (7/7/11)

SN @ 11,004'

MJ, EOT @ 11,034'

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: WEST CORBIN 19 FEDERAL #2		Field: CORBIN SOUTH	
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Elevation: 3810' KB; 3797' GL; 13' KB to GL		Spud Date: 4/27/97	Compl Date: 8/30/97
API#: 30-025-33508	Prepared by: Ronnie Slack	Date: 7/19/17	Rev:

PROPOSED BONE SPRING RECOMPLETION

17-1/2" hole

13-3/8", 48#, H40, 8RD, STC, @ 460'

Cmt'd w/400 sx to surface

11" Hole

8-5/8", 32#, J55, 8RD, STC, @ 2,860'

Cmt'd w/750 sx to surface

Proposed:

1ST BONE SPRING

8,504' - 8,534'

8,556' - 8,574'

WOLFCAMP (10/19/08)

10,343' - 10,354' 2 spf, 120°

10/22/08: acidized 10343-50' w/1500 gal 15% HCl

WOLFCAMP (8/97)

11,080' - 11,086'

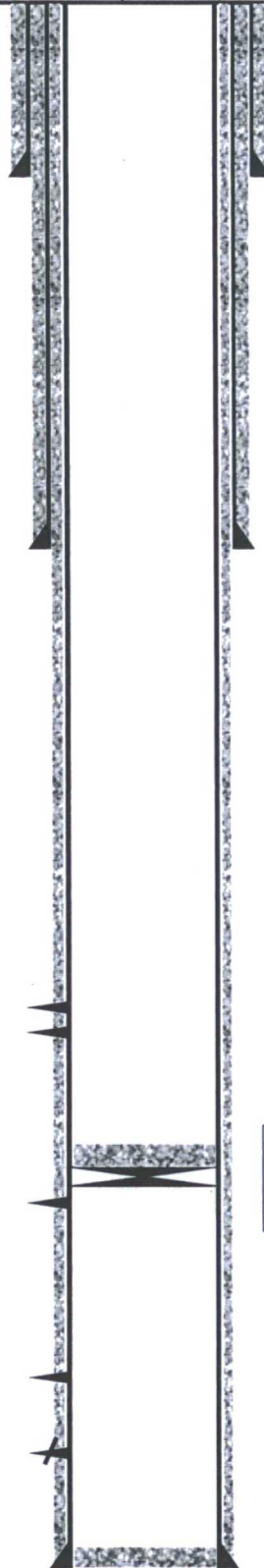
WOLFCAMP (8/97)

11,102' - 11,106' Sqzd w/50 sx Cl H @ 3500 psi

7-7/8" Hole

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

Cmt'd w/1950 sx to surface



11,350' TD

Proposed:

2. Cap CIBP w/35' cmt. 10,255' PBD.

1. Set CIBP @ 10,290'

Conditions of Approval

**Devon Energy Production Co.
West Corbin - 02, API 3002533508
T18S-R33E, Sec 19, 2173FSL & 660FWL
August 30, 2017**

1. **Within 90 days of these conditions of approval for the processed Electronic Submission #381989 notice of intent begin wellbore operations.**
2. **Operator is required to have the BLM approved NOI procedure with applicable conditions of approval on location for this workover operation.**
3. Due to being within the Lesser Prairie Chicken habitat, this workover activity will be restricted to the hours of 9:00am through 3:00am for the period of March 1 through June 15.
4. Subject to like approval by the New Mexico Oil Conservation Division.
5. Before adding, replacing, or repairing casing or a liner, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
6. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
7. Surface disturbance beyond the existing pad shall have prior BLM approval.
8. Functional H₂S monitoring equipment shall be on location.
9. Blow Out Prevention Equipment (3M) to be used. Establish fail safe well control for BOPE and workover procedures. Blind ram(s) and pipe ram(s) designed to close on all workstring diameters used is required equipment. A manual BOP closure system (hand wheels) shall be available for use regardless of BOP design. Function test the installed BOPE to 500psig when well conditions allow. Employ choke manifolds, kill trucks, gas vent or flare lines, etc. when needed for reasonable well control requirements.
10. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created during work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Portojohns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
11. Notify BLM 575-393-3612 Lea Co as work begins. Some procedures witnessed. If there is no response, leave a voice mail with the API#, workover purpose, and a call back phone number.
12. **Perform a charted casing integrity test** of 500psig minimum from the CIBP to set at 10290' to surface. Document the pressure test on a one hour full rotation calibrated (within 6 months) recorder chart registering within 35 to 75 per cent of its full range. **Verify all annular casing vents are open at the surface during this pressure test.** Call BLM 575-393-3612 Lea Co and arrange for a BLM witness of that pressure test. Include a copy of the chart in the subsequent sundry for this workover.

13. **Provide BLM with an electronic copy (Adobe Acrobat Document) cement bond log record from the proposed 10,290' CIBP taken with 0psig casing pressure to TOC above the DV Tool (of unknown depth). Attach the CBL to a pswartz@blm.gov email.**
14. Set cement plugs to cover a minimum of 100ft plus 10ft for every 1,000ft from the bottom of the plug, rounding the number of necessary sacks up to the nearest 5 sacks. Never use less than 25sx. A Class "H" plug tag requires WOC of 8 hours. Formation isolation plugs of Class "H" to be mixed 16.4#/gal, 1.06ft³/sx, 4.3gal/sx water.
15. **Set a Class H (>7500ft) cement plug on the 10290' CIBP. WOC and tag the plug with tbg at 10033' or above, isolating the Wolfcamp formation top.**
16. The subsequent report is to include stimulation injection pressures. Report maximum/minimum injection rate (BPM) and max/min stimulation injection pressures.
17. Submit a (BLM Form 3160-5 subsequent report describing (dated daily) all wellbore activity and the Mechanical Integrity Test. File intermediate Form 3160-5 within 30 days of any interrupted workover procedures and a complete workover subsequent sundry.
18. A BLM Well Recompletion Form 3160-4 and a NMOCD Form C-102 "Well Location and Acreage Dedication Plat" with updated information is necessary with the subsequent package when recompletion changes a well's Pool designation.
19. File intermediate **subsequent sundry** Form 3160-5 within 30 days of any interrupted workover procedures and a complete workover subsequent sundry.

An inactive/shut-in well bore is a non-producing completion that is capable of "beneficial use" i.e. production in **paying quantities** or of service use.

20. Submit evidence to support your determination that the well is in active "beneficial use" for BLM approval on the Sundry Notice Form 3160-5 within 90 days of this sundry's approval date.
21. Should "beneficial use" not be achieved submit for BLM approval a plan for plug and abandonment.

Operator: Devon Energy Production Co.
Surface Lease: LC069276 **BHL: LC069276**
Case No: LC069276 **Lease Agreement**
Subsurface Concerns for Casing Designs:
 Well Status: OSI
 Spud date: 4/27/1997
 Plug'd Date:
 Reentry Date:

Well: WEST CORBIN 19 FEDERAL-2
API: 3002533508
@ Srfce: T18S-R33E,19.2173s660w
@ MTD: T18S-R33E,19.2173s660w
Estate: F&F
CWDW, R of W:
OCD Admn Order, date:
Frmtn, Depths, psig:

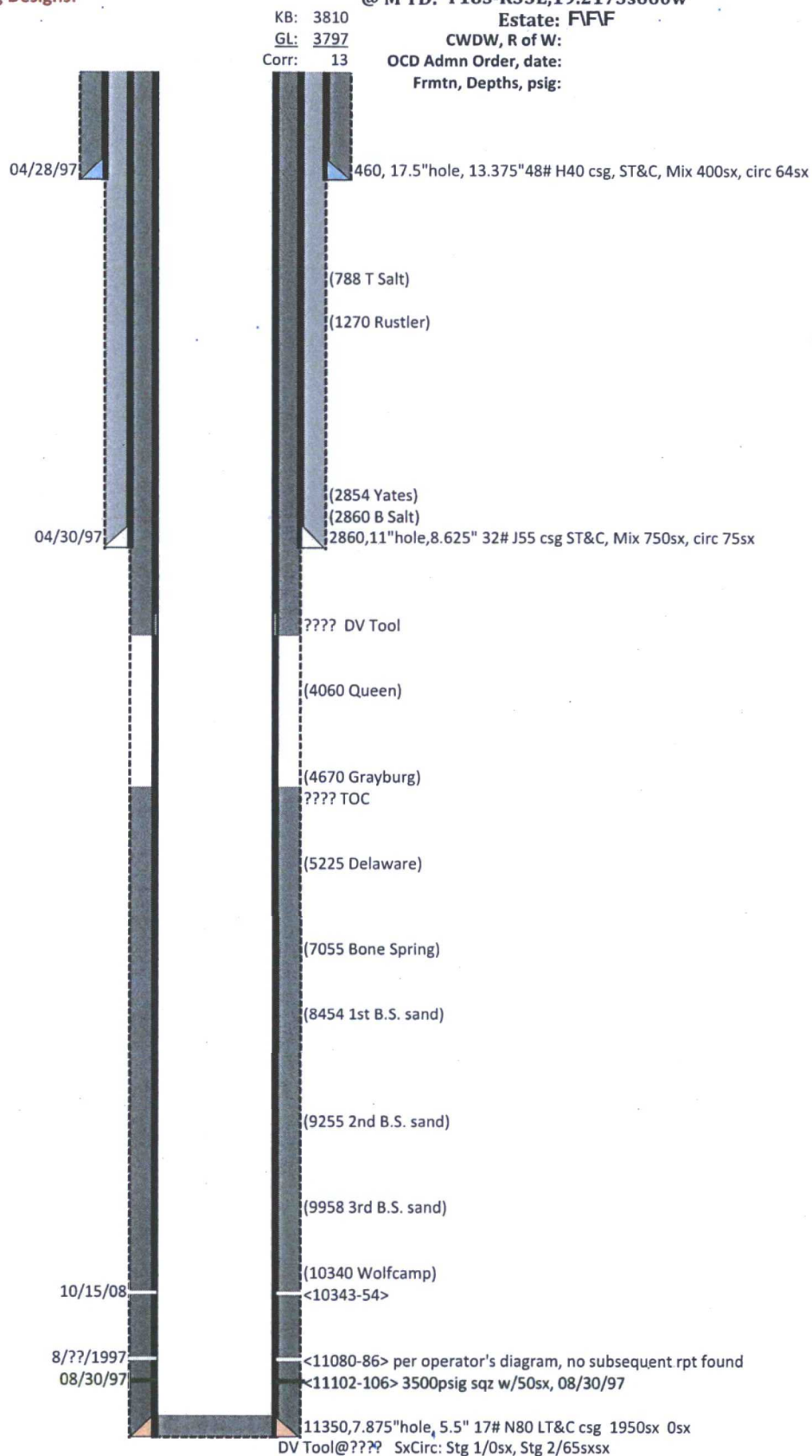


Diagram last updated: 08/31/2017