

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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.*

5. Lease Serial No.  
NMNM0405444A

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. TODD 22N FED 14
2. Name of Operator DEVON ENERGY PRODUCTION CO LP Contact: ERIN WORKMAN Email: ERIN.WORKMAN@DVN.COM		9. API Well No. 30-015-32734-00-S1
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405-552-7970.	10. Field and Pool, or Exploratory INGLE WELLS-DELAWARE
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T23S R31E SESW 660FSL.1980FWL		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK 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"/> Fracture Treat	<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 checked="" 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall 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 recompleate the Todd 22N Fed 14 with the following procedure:

- Test Anchors
- MIRU WSU
- ND WH, NU BOPE & test
- TOH with 2-7/8 tubing & BHA
- Make gauge run to 8000? KBM
- TIH with retrievable packer to 6500? & test casing above perforations to 500 psi for 30 minutes
- if casing does not test, run casing inspection log to determine remediation plan and/or request for P&A
- if casing does test,

*APD 12/19/14  
Accepted for record  
NMOCD*

*1500 psi or 0.228 psi per foot  
which ever is greater*

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
DEC 09 2014

**RECEIVED**  
**SEE ATTACHED FOR**  
**CONDITIONS OF APPROVAL**

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

**Electronic Submission #281952 verified by the BLM Well Information System  
For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad  
Committed to AFMSS for processing by JENNIFER MASON on 11/28/2014 (15JAM0100SE)**

Name (Printed/Typed) ERIN WORKMAN	Title REGULATORY COMPLIANCE PROF.
Signature (Electronic Submission)	Date 11/25/2014

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

Approved By \_\_\_\_\_ Title \_\_\_\_\_

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 \_\_\_\_\_

**APPROVED**  
NOV 28 2014  
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.

## Additional data for EC transaction #281952 that would not fit on the form

### 32. Additional remarks, continued

- TIH with packer to 8000? and make swab runs to determine oil cut from perforated zone 8056-8077?  
KBM
- Repeat at 7700? for perforated zone 7741-7750?
- Repeat at 6950? for perforated zone 7000-7014?
- Repeat at 6800? for perforated zone 6871-6878?
- Based on results, request plug back of non-productive zones
- Wireline set 5-1/2? CIBP @ 6820?
- Dump Bail 35? of Cement, Estimating top of cement plug at 6785?
- Load and circulate hole with 2% KCL
- Test casing and CIBP w/ cement plug to 500 psi at surface for 30 minutes with chart test & NMOCD/BLM witness
- Recomplete uphole in Upper Brushy Canyon and/or Cherry Canyon, based on geology recommendation
- ND BOP, NU WH
- RDMO WSU
- Return well to production

Attachments: Current Wellbore  
Proposed Wellbore

Well Name: TODD 22N FED 14		Field: INGLE WELLS	
Location: 660' FSL & 1,980' FWL; SEC 22-T23S-R31E		County: EDDY	State: NM
Elevation: 3,391' GL		Spud Date: 11/8/03	Compl Date: 12/16/03
API#: 3001532734	Prepared by: Jeremy Wiedenmann	Date: 11/18/14	Rev:

**CURRENT SCHEMATIC**

17-1/2" hole  
13-3/8", 48#, H40, ST & C, @ 845'  
 Cmt'd w/700 Sx, circ to surface

TOC @ 3,000'

11" Hole  
8-5/8", 32#, J55, ST & C, @ 4,250'  
 Cmt'd w/1,800 Sx, circ to surface

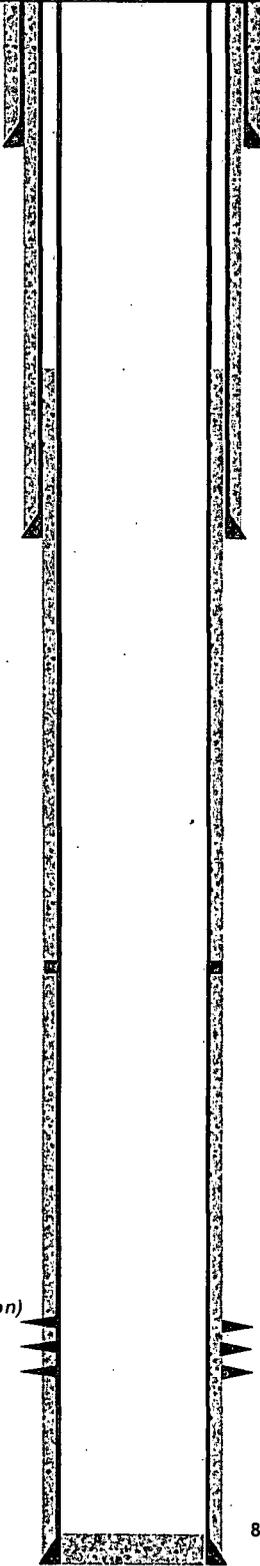
DV Tool @ 5,500'

*Current Perforations (Delaware - Lower Brushy Canyon)*

6871'-6878'  
 7000'-7014'  
 7741'-7750'

8056'-8077'

7-7/8" Hole  
5-1/2", 15.5# & 17#, J55, LT & C, @ 8,652'  
 Cmt'd w/1,150 Sx. TOC @ 3056' (CBL)



8,565' PBTD

8,652' TD

Well Name: TODD 22N FED 14		Field: INGLE WELLS	
Location: 660' FSL & 1,980' FWL; SEC 22-T23S-R31E		County: EDDY	State: NM
Elevation: 3,391' GL		Spud Date: 11/8/03	Compl Date: 12/16/03
API#: 3001532734	Prepared by: Jeremy Wiedenmann	Date: 11/18/14	Rev:

**PROPOSED SCHEMATIC**

17-1/2" hole  
13-3/8", 48#, H40, ST&C, @ 845'  
 Cmt'd w/700 Sx, circ to surface

TOC @ 3,000'

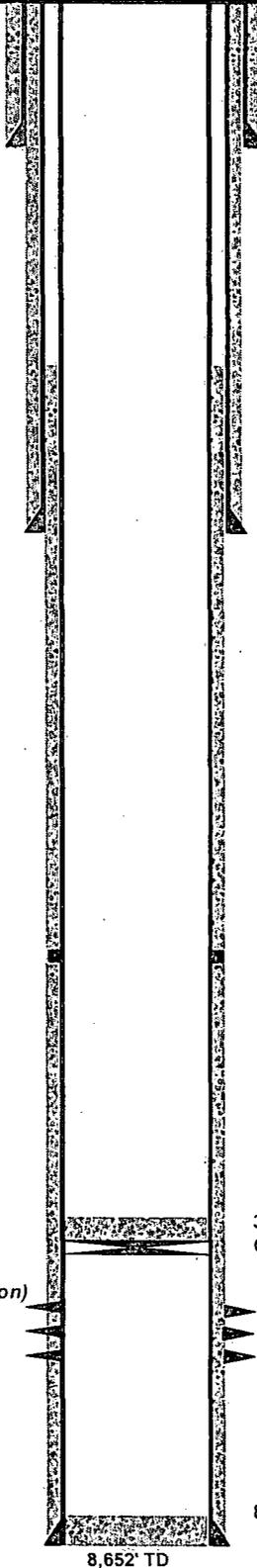
11" Hole  
8-5/8", 32#, J55, ST&C, @ 4,250'  
 Cmt'd w/1,800 Sx, circ to surface

DV Tool @ 5,500'

*Current Perforations (Delaware - Lower Brushy Canyon)*  
 6871'-6878'  
 7000'-7014'  
 7741'-7750'

*8050'-8077'*

7-7/8" Hole  
5-1/2", 15.5# & 17#, J55, LT&C, @ 8,652'  
 Cmt'd w/1,150 Sx. TOC @ 3056' (CBL)



35' cement, 6,785' PBD (11/18/2014)  
 CIBP @ 6,820'

8,655' PBD

8,652' TD

**Todd 22N Fed 14  
30-015-32734  
Devon Energy Production Co., LP  
November 28, 2014  
Conditions of Approval**

**Notify BLM at 575-361-2822 a minimum of 24 hours prior to commencing work.**

**Work to be completed by February 28, 2015.**

- 1. Operator shall place a balanced class H cement plug from 8,300'- 8,100' to seal the top of the Bone Spring formation. WOC and tag.**
- 2. Must conduct a casing integrity test to 1500 psi or 0.22 psi per foot whichever is greater. If casing test fails, submit remediation or P&A plan to the BLM.**
- 3. If producing zone is found unproductive, operator shall place CIBP at 6,820' and operator may place 35' class C cement on top in order to recomplete in the Brushy and/or Cherry Canyon. Tag required.**

**NOTE: Operator must add 25sx class C cement to the top of the CIBP prior to abandoning the Delaware zone.**

- 4. Must conduct a casing integrity test to maximum treating pressure before any work can be done. Submit results to BLM.**
- 5. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.**
- 6. Surface disturbance beyond the originally approved pad must have prior approval.**
- 7. Closed loop system required.**
- 8. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of 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. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.**
- 9. Operator to have H2S monitoring equipment on location.**

10. A minimum of a **3000 (3M)** BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (3M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.

**11. Subsequent sundry required detailing work done and completion report with the new formation. Operator to include well bore schematic of current well condition when work is complete.**

**12. See attached for general requirements.**

**JAM 112814**

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

**General Requirements for Plug Backs**

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 this approval.

**If you are unable to plug back 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 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.

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.**

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.