Form 3160-5
(June 2015)

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.***

HOBBS OCD

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

NOV 28 2018

RECEIVED

5. Lease Serial No.
NMNM98826

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
STRAY CAT 8-5 FED COM 212H

2. Name of Operator
DEVON ENERGY PRODUCTION COM LP
Contact: JENNIFER HARMS
E-Mail: jennifer.harms@dvn.com

9. API Well No.
30-025-44599-00-X1

3a. Address
6488 SEVEN RIVERS HIGHWAY
ARTESIA, NM 88211

3b. Phone No. (include area code)
Ph: 405-552-6560

10. Field and Pool or Exploratory Area
SAND DUNES

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 8 T23S R32E 598FSL 2081FWL
32.313442 N Lat, 103.698486 W Lon

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 | | | |
|---|---|---|---|---|
| ☐ Notice of Intent | ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☒ Subsequent Report | ☐ Alter Casing | ☐ Hydraulic Fracturing | ☐ Reclamation | ☐ Well Integrity |
| ☐ Final Abandonment Notice | ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☐ Other |
| | ☐ Change Plans | ☒ Plug and Abandon | ☐ Temporarily Abandon | |
| | ☐ Convert to Injection | ☐ Plug Back | ☐ 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.

Attention Zota Stevens

Devon Energy Production Co., L.P. (Devon) respectfully reports that the subject well was plugged and abandoned on August 28, 2018. The post job procedures, cement report and pictures have been provided by attachment.

Carlsbad Field Office
OCD Hobbs

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

**Electronic Submission #433921 verified by the BLM Well Information System**
**For DEVON ENERGY PRODUCTION COM LP, sent to the Hobbs**
**Committed to AFMSS for processing by PRISCILLA PEREZ on 09/06/2018 (18ZS0130SE)**

Name *(Printed/Typed)* JENNIFER HARMS — Title REGULATORY COMPLIANCE ANALYST

Signature (Electronic Submission) — Date 09/05/2018

### THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — ZOTA STEVENS, Title PETROLEUM ENGINEER — Date 11/13/2018

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 Hobbs

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 ****

FOR RECORD ONLY
NMOCD 11/28/18

**Plug and Abandon Procedure**

1. Cutoff wellhead. Send in wellhead to Cactus to redress for credit. Order new wellhead to location.
2. Rig up casing crew and run 2-7/8 EUE tubing to float collar
3. Pump cement job to completely fill annulus with cement from the float collar to surface
    a. Leave tubing completely full of cement to surface
4. Cut off casing 3 – 4' below GL
5. Weld plate to cutoff casing. Plate needs to include the following information:
    a. Company name
    b. Well Name and Number
    c. API Number
    d. Legal Description
6. Take GPS measurement of plate location
    a. This can be taken with a hand-help GPS (does not need to be certified or done by a surveying company)
    b. Take picture of GPS coordinate and plate
        i. Send to engineer to be stored in well file for this well
    c. Name plate example is shown below.
7. GPS coordinate information / picture will be given to regulatory to file with C-103 (plug and abandon report)
    a. Upon completion of drilling / completion, regulatory will file C-103, NMOCD will inspect location, bond on well will be released

HALLIBURTON

iCem® Service

## DEVON ENERGY PROD CO LP-EBUSINESS

STRAY CAT 212H

090599073

**For:**

Date: Tuesday, August 28, 2018

Case 1

Job Date: Tuesday, August 28, 2018

Sincerely,

TIMOTHY CASEY SR

# Legal Notice

## Disclaimer:

All information in this report is provided subject to the terms and conditions which govern the services provided by Halliburton. Halliburton personnel use their best efforts in gathering information and their best judgment in interpreting it, but any interpretation, research, analysis or recommendation furnished by Halliburton are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and empirical relationships and assumptions are not infallible, and with respect to which professionals in the industry may differ. iCem 3D Displacement results are used to understand how fluids intermix during a cement job. Simulation and 3D displacement results are not intended as and should not be used as a replacement for bond logs in determining top of cement. Current 3D model calculations are known to model more volume than the input volume for standard cases due to known calculation improvements required. For rotational cases, the modeled volume will be impacted by the same calculations impacting the standard cases, as well as additional constraints imposed to make the calculation time required operationally feasible. Therefore, until further notice, 3D displacement results should not be used for replacement of a bong log, or used as an identifier of top of cement. HALLIBURTON IS UNABLE TO GUARANTEE THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, OR JOB RECOMMENDATION and any interpretation or recommendation is not for use of or reliance upon by any third party. The customer has full responsibility for any of its decisions which are based on the information provided in this report.

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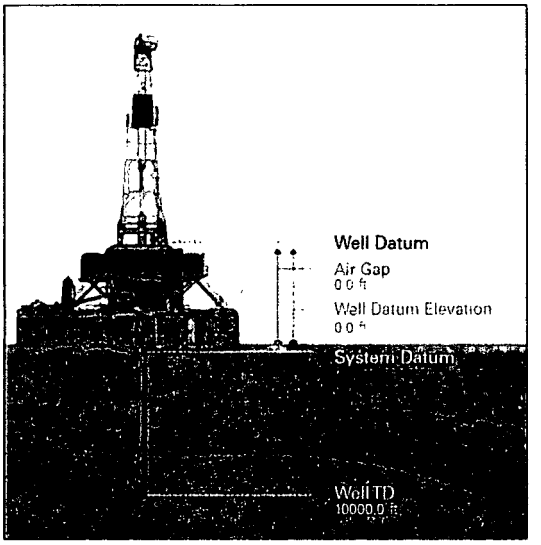
# 1.0 Job Design

## 1.1 Overview

| | |
|---|---|
| **Job Type** | Primary Cement Job |
| **Injection Path** | Casing/Conventional |
| **Foam Job** | No |

**Well Snapshot**




**Simulations Performed**

## 1.2 Pressure Schedule Inputs

| | |
|---|---|
| **Pressure Mode** | Conventional |

## 1.3 Pressure Schedule Table

| Start *(Pump Volume in bbl)* | End *(Pump Volume in bbl)* | Pressure *(psi)* |
|---|---|---|
| 0.00 | End | 0.00 |

## 1.4 Time of Stages

| Graph Label | Time *(min)* | Stage Starts Pumping | Stage Enters Annulus |
|---|---|---|---|
| ① | 0.0 | Depart from Service Center or Other Site | |
| ② | 0.0 | Arrive at Location from Service Center | |
| ③ | 0.0 | Assessment Of Location Safety Meeting | |
| ④ | 0.0 | Rig-up Lines | |
| ⑤ | 0.0 | Rig-Up Completed | |

| | | |
|---|---|---|
| ⑥ | 0.0 | Pre-Job Safety Meeting |
| ⑦ | 0.0 | Post-Job Safety Meeting (Pre Rig-Down) |
| ⑧ | 0.0 | Rig Down Lines |
| ⑨ | 0.0 | Rig-Down Completed |
| ⑩ | 0.0 | Paper Work |
| ⑪ | 0.0 | Pre-Convoy Safety Meeting |
| ⑫ | 0.0 | Depart Location |
| ⑬ | 0.0 | Start Job |
| ⑭ | 0.0 | Test Lines |
| ⑮ | 0.0 | Pump Spacer 1 |
| ⑯ | 0.0 | Pump Cement |
| ⑰ | 0.0 | Clean Lines |
| ⑱ | 0.0 | End Job |

## 2.0 Real-Time Job Summary

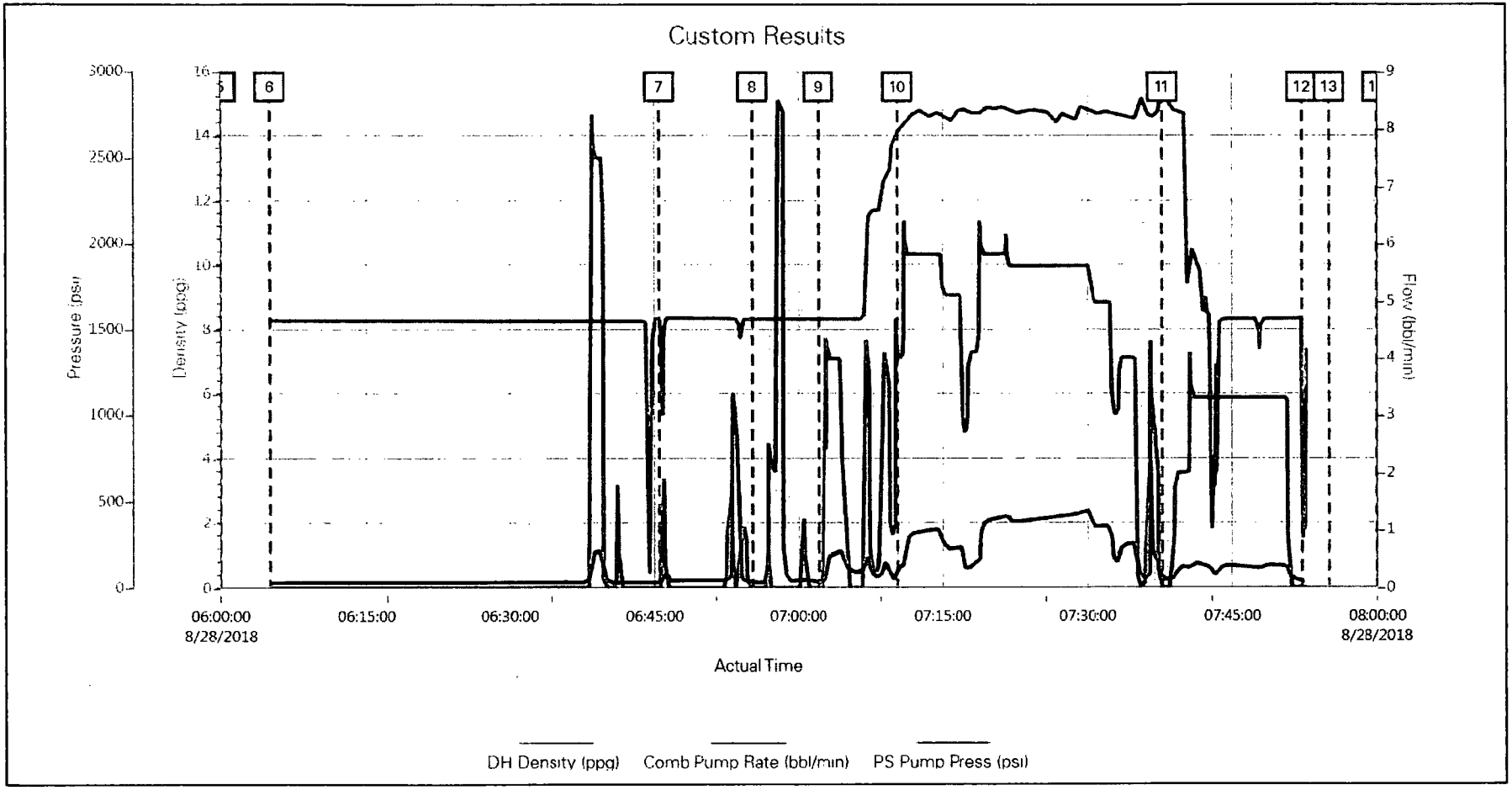
### 2.1 Job Event Log

| Type | Seq. No. | Activity | Graph Label | Date | Time | Source | DH Density (ppg) | Comb Pump Rate (bbl/min) | PS Pump Press (psi) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| Event | 1 | Depart from Service Center or Other Site | Depart from Service Center or Other Site | 8/27/2018 | 18:00:00 | USER | | | | |
| Event | 2 | Arrive at Location from Service Center | Arrive at Location from Service Center | 8/27/2018 | 23:00:00 | USER | | | | RIG RUNNING CASING. |
| Event | 3 | Assessment Of Location Safety Meeting | Assessment Of Location Safety Meeting | 8/27/2018 | 23:15:00 | USER | | | | ASSESSED SITE FOR HAZARDS. |
| Event | 4 | Rig-up Lines | Rig-up Lines | 8/28/2018 | 05:00:00 | USER | | | | CUSTOMER REQESTED WE POSTPONE RIG UP TILL ALL CEMENT ARIVED ON LOCATION, AS WE WOULD BE IN THE WAY OF OTHER OPERATIONS. |
| Event | 5 | Rig-Up Completed | Rig-Up Completed | 8/28/2018 | 06:00:00 | USER | | | | |
| Event | 6 | Pre-Job Safety Meeting | Pre-Job Safety Meeting | 8/28/2018 | 06:05:00 | USER | 8.27 | 0.00 | 30.00 | DISCUSSED SAFETY, PPE, AND BARIERS. ALSO WENT OVER JOB PROCEEDURES. |
| Event | 7 | Start Job | Start Job | 8/28/2018 | 06:45:31 | COM4 | 8.33 | 0.00 | 29.00 | |
| Event | 8 | Test Lines | Test Lines | 8/28/2018 | 06:55:15 | COM4 | 8.32 | 0.00 | 29.00 | TEST LINES TO 2500PSI |
| Event | 9 | Pump Spacer 1 | Pump Spacer 1 | 8/28/2018 | 07:02:07 | COM4 | 8.31 | 0.00 | 30.00 | PUMP 10 BBLS OF FRESH WATER WITH RED DYE |
| Event | 10 | Pump Cement | Pump Cement | 8/28/2018 | 07:10:20 | COM4 | 14.09 | 4.00 | 109.00 | [redacted] |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Event | 11 | Clean Lines | Clean Lines | 8/28/2018 | 07:37:44 | COM4 | 15.34 | 0.00 | 50.00 | |
| Event | 12 | End Job | End Job | 8/28/2018 | 07:52:12 | COM4 | 7.83 | 0.00 | 33.00 | |
| Event | 13 | Post-Job Safety Meeting (Pre Rig-Down) | Post-Job Safety Meeting (Pre Rig-Down) | 8/28/2018 | 07:55:00 | USER | | | | DISCUSSED HAZZARDS AND PPE. |
| Event | 14 | Rig Down Lines | Rig Down Lines | 8/28/2018 | 08:00:00 | USER | | | | |
| Event | 15 | Rig-Down Completed | Rig-Down Completed | 8/28/2018 | 09:00:00 | USER | | | | |
| Event | 16 | Paper Work | Paper Work | 8/28/2018 | 09:15:00 | USER | | | | |
| Event | 17 | Pre-Convoy Safety Meeting | Pre-Convoy Safety Meeting | 8/28/2018 | 09:25:00 | USER | | | | DISCUSSED ROUTE, SAFE DRIVING, AND ROAD CONDITIONS. |
| Event | 18 | Depart Location | Depart Location | 8/28/2018 | 09:30:00 | USER | | | | THANK YOU, TIMOTHY CASEY AND CREW. |

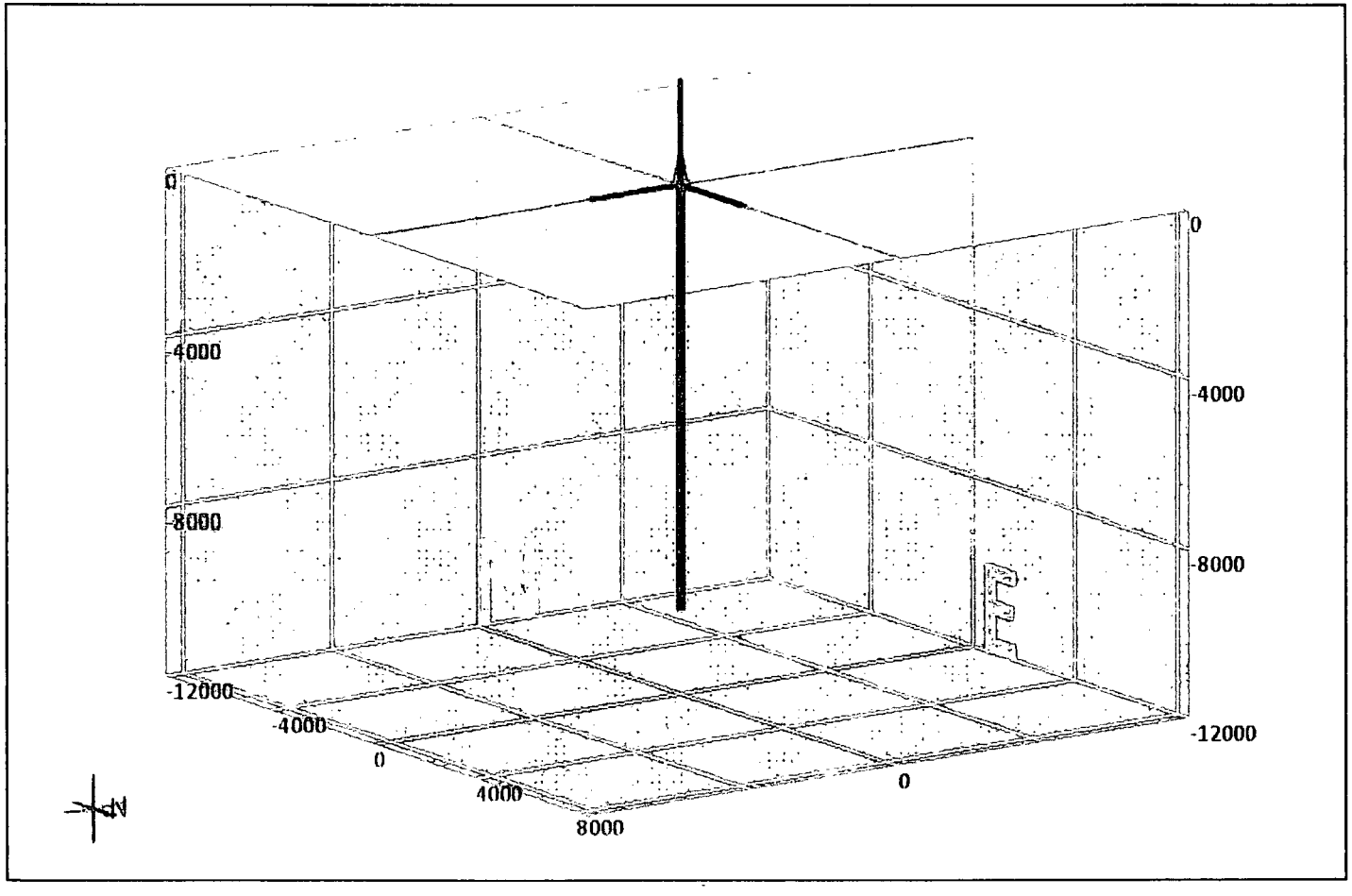
## 3.0 Custom Graphs

### 3.1 Custom Graph



# 4.0 Appendix

## 4.1 3D Wellbore Schematic



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