

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs
HOBBS OCD

FORM APPROVED
OMB No. 1004-0137
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.

DEC 13 2012

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Devon Energy Production Co., LP

3a. Address

333 W Sheridan Avenue, Oklahoma City, OK 73102

3b. Phone No. (include area code)

405-552-4615

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

1980' FNL & 660' FEL; Sec 6-T24S-R32E

5. Lease Serial No.

NM-89174

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Zia 6 Federal #1

9. API Well No.

30-025-32505

10. Field and Pool or Exploratory Area

Verde-Bone Spring (DHC-1658)

11. Country or Parish, State

Lea, NM

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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.)

Proposed P&A:

1. MIRU workover rig. POOH w/2-7/8" production tubing. RIH w/tubing and packer to 5,940'. Pump 125 bbl FW to establish injection rate. ~~POOH~~
2. ~~RIH w/cement retainer to 5,940' and set. Pump 450 sx CI H cement below retainer. Spot 25 sx on top of retainer. (CTOC @ 5,690')~~
3. Circulate wellbore w/9 ppg mud. *WOC Tag, Repeat until Tag @ 5950 +/-*
4. Spot 30 sx CI C cement @ 4,600'. Tag TOC minimum @ 4,300'. (base of salt @ 4,380') (CTOC @ 4,300'. 8-5/8" shoe @ 4,550')
5. Cut 5-1/2" casing at free point and POOH w/casing. (Estimated cut point @ 4,200'). Spot 40 sx cement at 4,300'. Tag TOC minimum of 50' above casing stub. (CTOC @ 4,085')
6. Spot 30 sx cement @ 1,278'. (top of salt) *WOC Tag*
7. Spot 30 sx cement @ 635'. Tag TOC (CTOC @ 470'. 13-3/8" casing shoe @ 585')
8. Spot 30 sx cement @ 115' to surface.
9. Cut wellhead off and set dry hole marker.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Attachments: Existing & proposed P&A wellbore schemats. Notes from workover attempt to investigate and repair suspected casing leak, prior to submitting this P&A sundry.

RECLAMATION PROCEDURE
ATTACHED

Ground Level Dry Hole Marker Required

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

Name (Printed/Typed)

Ronnie Slack

Title Operations Technician

Signature

Ronnie Slack

Date 10/01/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

James R. Amos

Title

SEAS

Date

12-11-12

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

CFO

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)

DEC 9 2012

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: ZIA 6 FEDERAL 1		Field: MESA VERDE	
Location: 1980' FNL & 660' FEL; SEC 6-T24S-R32E		County: LEA	State: NM
Elevation: 3596' KB; 3580' GL; 16' KB-GL		Spud Date: 5/20/94	Compl Date: 7/3/94
API#: 30-025-32505	Prepared by: Ronnie Slack	Date: 9/28/12	Rev:

PROPOSED P&A SCHEMAT

17-1/2" hole
13-3/8", 48#, H40, STC, @ 585'
 Cmt'd w/600 sx to surf

11" hole
8-5/8", 32#, J55, @ 4,550'
 Cmt'd w/1750 sx to surf

Hole in csg 5587-5618, sqzd w/250 sx, tst
 ok-10/22/02. ETOC @ 4,200.

Suspected bad casing @ 5,981' - 6,031'

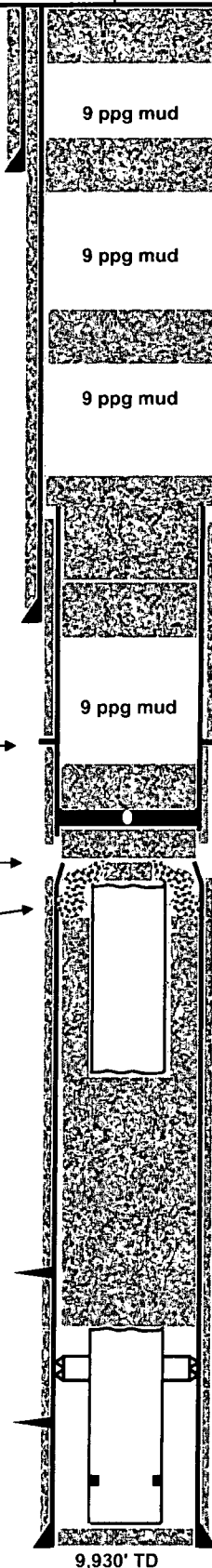
Trash & debri around tbg fish

DELAWARE (96)
 8,288' - 8,332'

Delaware & Bone Spring DHC-4/97

BONE SPRING (94)
 9,690' - 9,706'

7-7/8" Hole
5-1/2", 15.5# & 17#, K55 & J55, @ 9,930'
 Cmt'd w/550 sx. ETOC @ 4,200'.



Proposed P&A:

1. Spot 30 sx @ 115' to surface.
2. Cut wellhead off, set dry hole marker.

Proposed P&A:

1. Spot 30 sx @ 635'. Tag TOC. (CTOC @ 470')

Proposed P&A:

1. Spot 30 sx @ 1,278'. (CTOC @ 1,163')
 (top of salt @ 1,278')

Proposed P&A:

1. Cut 5.5" csg @ freepoint & pooh. (Est cut @ 4200')
2. Spot 40 sx @ 4,300'. Tag TOC min at 50' above stub. (Calc TOC @ 4,085')

Proposed P&A:

1. Spot 30 sx @ 4,600'. Tag TOC min at 4,300'. (CTOC @ 4,300'). (note: base of salt @ 4,380')

Proposed P&A:

1. Set CR @ 5,940'. Pump 450 sx thru retainer.
2. Spot 25 sx on top of retainer. (CTOC @ 5,690)

TOF @ 6,031'

(wash pipe stopped making hole, couldn't latch w/spear)

2-7/8", 6.5#, J55, prod tbg

End of suspect cut jt 2-7/8" @ 7,133'

Suspected TOF @ 9,390'

(Cut jt of 2-7/8 tbg, anchor, 6 jts 2-7/8 tbg, likely fell down hole to 9,390')

5-1/2" FC @ 9,842

9,930' TD

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: ZIA 6 FEDERAL 1		Field: MESA VERDE	
Location: 1980' FNL & 660' FEL; SEC 6-T24S-R32E		County: LEA	State: NM
Elevation: 3596' KB; 3580' GL; 16' KB-GL		Spud Date: 5/20/94	Compl Date: 7/3/94
API#: 30-025-32505	Prepared by: Ronnie Slack	Date: 9/25/12	Rev:

CURRENT WELLBORE

17-1/2" hole
13-3/8", 48#, H40, STC, @ 585'
 Cmt'd w/600 sx to surf

11" hole
8-5/8", 32#, J55, @ 4,550'
 Cmt'd w/1750 sx to surf

Hole in csg 5587-5618, sqzd w/250 sx, tst
 ok-10/22/02. ETOC @ 4,200.

Suspected bad casing @ 5,981' - 6,031'

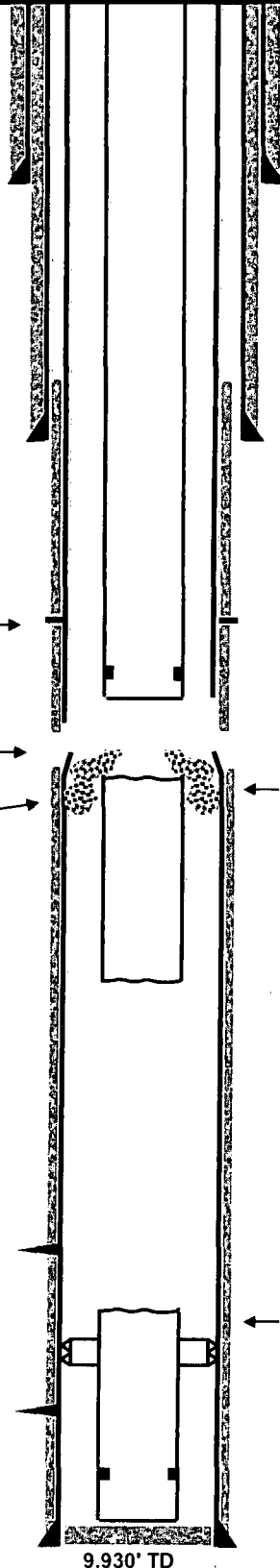
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DELAWARE (96)
 8,288' - 8,332'

Delaware & Bone Spring DHC-4/97

BONE SPRING (94)
 9,690' - 9,706'

7-7/8" Hole
5-1/2", 15.5# & 17#, K55 & J55, @ 9,930'
 Cmt'd w/550 sx. ETOC @ 4,200'.



2-7/8", 6.5#, N80, prod tbg

S/N @ 5,696'

TOF @ 6,031'
 (wash pipe stopped making hole, couldn't
 latch w/spear)

2-7/8", 6.5#, J55, prod tbg

End of suspect cut jt 2-7/8" @ 7,133'

Suspected TOF @ 9,390'
 (Cut jt of 2-7/8 tbg, anchor, 6 jts 2-7/8
 tbg, likely fell down hole to 9,390')

5-1/2" FC @ 9,842

9,930' TD

Note:

A workover on the Zia 6 Fed 1 was initiated on 8/28 to investigate and repair a second suspected casing leak. An initial casing leak had been found and repaired (squeezed w/250 sks) in the Zia 6 Fed 1 between 5,587' - 5,618' during Oct of 2002.

For this repair, a workover rig was moved onto the well and the rods removed. However, after several attempts it was found that the tubing anchor could not be unset.

A free point was run and the tubing found 100% stuck @ 5,981' and 100% free @ 5,972'. The 2-7/8" tubing was cut at 7,050' (~ 50' above where wireline found the tubing anchor catcher to be located). It was believed that the tubing (slick w/no anchor) would likely be able to be worked free and pulled through the restricted area in the casing @ 5,981'. However, the tubing would not pull free and the existing tubing was cut @ 5,900' and pulled from the well.

An overshot, jars, drill collars, accelerator sub and tubing was initially run in an effort to again remove the tubing. After jarring on the tubing unsuccessful for 18 hrs, over a two day period, the 2-7/8" tubing was backed off @ ~ 5,948' and the overshot fishing assembly removed from the well.

Next, 4-3/4" OD washover assemblies were run in an attempt to washover the tubing to below the free point and then remove the tubing/fish from the wellbore. In all, three washover shoe assemblies, one overshot assembly and an impression block (IB) runs were made with the following results:

Run 1 – Washover from 5,951' – 5,993' (42') stopped making hole. Shoe #1 worn out

Run 2 – Washover from 5,991' – 6,022' (31') stopped making hole. Shoe # 2 worn out

Run 3 – Tried overshot assembly again. Had tight spot @ 5,981' worked through and tagged up at 6,022' (top of 2-7/8" collar not @ ~ 5,948'). Washed down 4" but could not latch fish.

Run 4 – Washover from 6,022' – 6,031' (9') stopped making hole. Shoe # 3 had taper wear on bottom.

Run 5 – Ran a 4-1/2" IB and tagged at 6,031'. The IB showed heavy wear on the outside and a half circle impression on bottom which appeared to replicate a half of a 2-7/8" tubing collar.

Next, a 3-1/2" spear w/ 2.441" grapple was run along with jars, drill collars and tubing. The spear set down @ 6,031'. Several attempts to latch into the tubing with the spear was made with no success. Upon removal of the spear, the bottom 3" was shiny and plugged with what appeared to be cement.

Next, a 2-7/8" tubing collar on 2-7/8" tubing was run in order to run a downhole camera. A tight spot in the casing was again found @ 5,993'. However, the tubing was able to be rotated through this spot. The tubing was then lowered until tagging @ 6,031'. The well was circulated with fresh water (pumping 5 bpm in and returning 1 bpm at surface) until returns cleaned up. The tubing was pulled between 1' away

Zia 6 Federal 1; 30-025-32505; 6-T24S-R32E; Workover Summary 8/28/12-9/21/12| 2

to as far as 41' away from the tag @ 6,031', as JSI wireline ran an EX PRO downhole camera in an attempt to determine casing damage and what the plugback consisted of. It appeared on bottom there were small pieces of debris with no apparent tubing top indicating the possibly of the camera exiting the casing. The casing is believed to be damaged from at least 5,981' – 6,030'.

On 9/19, a seating nipple was run on the bottom of 2-7/8" tubing and landed @ 5,696'. The wellhead was installed and well shut in to prepare a P&A sundry.