

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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

SEP 18 2017

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No. NMNM100864
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No. NMNM111768
8. Well Name and No. RIO BLANCO 33 FED 01
9. API Well No. 30-025-36359-00-S1
10. Field and Pool or Exploratory Area BELL LAKE
11. County or Parish, State LEA COUNTY, NM

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	2. Name of Operator DEVON ENERGY PRODUCTION COMPANY Contact: REBECCA DEAL Email: Rebecca.Deal@dyn.com
3a. Address 6488 SEVEN RIVERS HIGHWAY ARTESIA, NM 88211	3b. Phone No. (include area code) Ph: 405-228-8429
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T22S R34E SESW 1000FSL 1620FWL 32.343689 N Lat, 103.478308 W Lon	

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 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 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.

Devon Energy Production Co. respectfully requests approval to abandon the Devonian formation and recomplete to the Atoka.

Current producing interval is 14,497-14,682? (open hole).

Proposed Procedure:

- Unset production packer at 14,468? and POH with tubing BHA
- RIH w/ WL and set CIBP at 14,397?; dump 35? cement on top of plug.
- Set CIBP at 12,700? to cover top of Morrow; dump 35? cement on top of plug.
- Perforate Atoka from 12,070-12,100? at 4 spf
- RIH w/ redressed packer, on/off tool and plug in place; WL set packer at 12,040?
- RIH w/ on/off tool and production tubing string; circulate annulus with packer fluid, latch onto

WITNESS

SUBJECT TO LIKE
APPROVAL BY STATESEE ATTACHED FOR
CONDITIONS OF APPROVAL

APPROVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #380568 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 07/17/2017 (17PP0433SE)	
Name (Printed/Typed) REBECCA DEAL	Title REGULATORY COMPLIANCE PROFESSI
Signature (Electronic Submission)	Date 07/05/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>PR Swartz</i> 09/07/2017	Title TPET	Date
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

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 **

KSE

Additional data for EC transaction #380568 that would not fit on the form

32. Additional remarks, continued

production packer, and test annulus

-Hang on tubing, NU production tree and test.

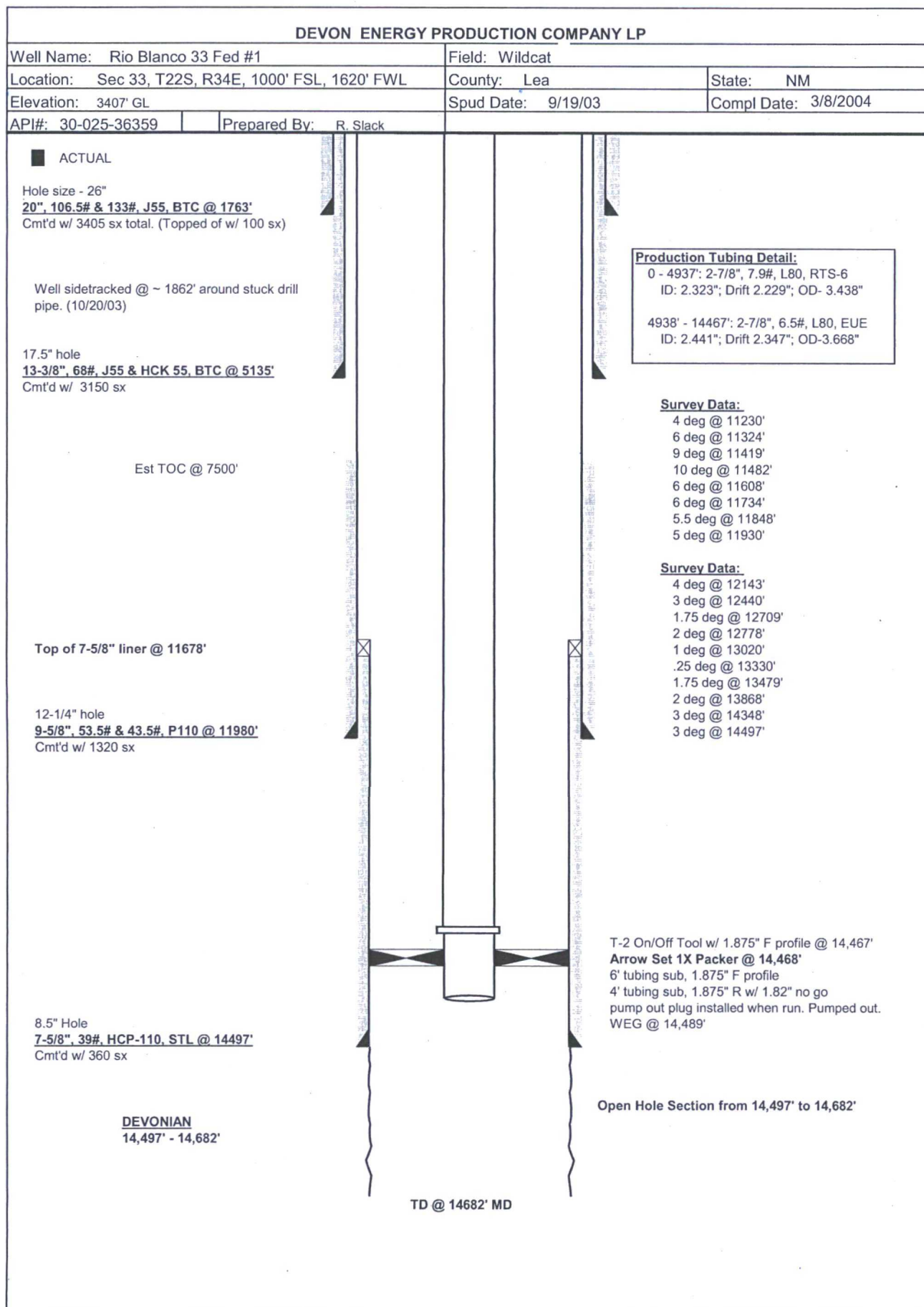
-Retrieve plug in packer and swab test

-Produce well and evaluate for acid stimulation

-If necessary, acidize perforations with 2500 gals 15% HCL

-Return well to production

Please see attached current and proposed wellbore schematics.



DEVON ENERGY PRODUCTION COMPANY LP

Well Name: Rio Blanco 33 Fed #1		Field: Wildcat	
Location: Sec 33, T22S, R34E, 1000' FSL, 1620' FWL		County: Lea	State: NM
Elevation: 3407' GL		Spud Date: 9/19/03	Compl Date: 3/8/2004
API#: 30-025-36359	Prepared By: L. Wilborn		

■ ACTUAL

Hole size - 26"
20", 106.5# & 133#, J55, BTC @ 1763'
 Cmt'd w/ 3405 sx total. (Topped of w/ 100 sx)

Well sidetracked @ ~ 1862' around stuck drill pipe. (10/20/03)

17.5" hole
13-3/8", 68#, J55 & HCK 55, BTC @ 5135'
 Cmt'd w/ 3150 sx

Est TOC @ 7500'

Top of 7-5/8" liner @ 11678'

12-1/4" hole
9-5/8", 53.5# & 43.5#, P110 @ 11980'
 Cmt'd w/ 1320 sx

Proposed:

Atoka Perforations 12,070-12,100'

35' cement on top of CIBP
 CIBP @ 12,700'

35' cement on top of CIBP
 CIBP @ 14,167'

8.5" Hole
7-5/8", 39#, HCP-110, STL @ 14497'
 Cmt'd w/ 360 sx

DEVONIAN
 14,497' - 14,682'

Production Tubing Detail:

0 - 4937': 2-7/8", 7.9#, L80, RTS-6
 ID: 2.323"; Drift 2.229"; OD- 3.438"

4938' - 14467': 2-7/8", 6.5#, L80, EUE
 ID: 2.441"; Drift 2.347"; OD-3.668"

Survey Data:

4 deg @ 11230'
 6 deg @ 11324'
 9 deg @ 11419'
 10 deg @ 11482'
 6 deg @ 11608'
 6 deg @ 11734'
 5.5 deg @ 11848'
 5 deg @ 11930'

Survey Data:

4 deg @ 12143'
 3 deg @ 12440'
 1.75 deg @ 12709'
 2 deg @ 12778'
 1 deg @ 13020'
 .25 deg @ 13330'
 1.75 deg @ 13479'
 2 deg @ 13868'
 3 deg @ 14348'
 3 deg @ 14497'

T-2 On/Off Tool w/ 1.875" F profile @ 12,039'
Arrow Set 1X Packer @ 12,040'
 6' tubing sub, 1.875" F profile
 4' tubing sub, 1.875" R w/ 1.82" no go
 pump out plug installed when run. Pumped out.
 WEG @ 12,056'

Open Hole Section from 14,497' to 14,682'

TD @ 14682' MD

Conditions of Approval

Devon Energy Production Company
Rio Blanco - 01, API 3002536359
T22S-R34E, Sec 33, 1000FSL & 1620FWL
September 07, 2017

1. **Within 90 days of these conditions of approval for the processed Electronic Submission #380568 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. **The communization agreement for this well (NM11768) does not include the Atoka pay. Amendments to that agreement may be necessary.**
5. Subject to like approval by the New Mexico Oil Conservation Division.
6. Before adding, replacing, or repairing casing or a liner, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
7. 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.
8. Surface disturbance beyond the existing pad shall have prior BLM approval.
9. Functional H₂S monitoring equipment shall be on location.
10. Blow Out Prevention Equipment shop tested to 10000 (10M) to be used. All BOPE and workover procedures shall establish fail safe well control. Ram(s) for the work string(s) used is required equipment. Manual BOP closure system including a blind ram and pipe ram(s) designed to close on all (hand wheels or automatic locking devices) equipment installed regardless of BOP design. Function test the installed BOPE to 500psig when well conditions allow. Related equipment, (choke manifolds, kill trucks, gas vent or flare lines, etc.) employed when needed for reasonable well control requirements.
11. 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.
12. Notify BLM 575-393-3612 Lea Co as work begins. Some procedures witnessed.
13. The BLM PET witness is to run tbg tally and agree to cement volumes and placement. Sample each plug for cement curing time and tag and/or pressure test as requested by BLM PET witness.

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. Examples: A cement plug set at 8000 in 7" casing would require a min of 35sx.
15. Class H > 7500ft cement plugs(s) will be necessary. For any "H" plug that requires a tag or pressure test a minimum WOC time of 8 hours required. Formation isolation plugs of Class "H" to be mixed 16.4#/gal, 1.06ft³/sx, 4.3gal/sx water.
16. Minimum requirement for mud placed between plugs is 25 sacks of salt water gel per 100 barrels in 9 lb/gal brine.
17. **Set a CIBP as near as possible to the Devonion formation top at 14486' and pressure test the casing to 500psig.**
18. **Perform a 30 minute casing integrity test of 2000psig minimum.** Document the pressure test on a one hour full rotation calibrated (within 6 months) recorder chart registering within 35 to 85 per cent of its full range. **Verify all annular casing vents plumbed to the surface and open 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 with the subsequent sundry for this workover.
19. **Provide BLM with an electronic copy (Adobe Acrobat Document) cement bond log record from the 11678' taken with 0psig casing pressure to TOC. Attach the CBL to a pswartz@blm.gov email.**
20. **Set a balanced plug on the CIBP set as near as possible to the Devonion formation top of 14486'. WOC, and tag the plug with tbg at 14221' covering the formation top.**
21. **Set a balanced cmt plug across Morrow formation top from 12800 or below. WOC, and tag the plug with tbg at 12570' or above covering the formation top.**
22. **Perforate the Atoka formation as proposed.**
23. The subsequent report is to include stimulation injection pressures. Report maximum/minimum injection rate (BPM) and max/min stimulation injection pressures.
24. 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.
25. A BLM Well Recompletion Form 3160-4 and a NMOC 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.
26. File intermediate **subsequent sundry** Form 3160-5 within 30 days of any interrupted workover procedures and a complete workover subsequent sundry.
27. 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.
28. Should "beneficial use" not be achieved submit for BLM approval a plan for P&A.

Operator: Devon Energy Production Company
Surface Lease: NM100864 BHL: NM100864
Case No: NM11768 Communitization Agrmnt

Subsurface Concerns for Casing Designs: Cap KFC

Well Status: ReCmplt
Spud date: 9/20/2003
Plug'd Date:
Reentry Date:

Well: RIO BLANCO 33 FEDERAL-1
API: 3002536359

@ Srfce: T22S-R34E,33.1000s1620w
@ M TD: T22S-R34E,33.1000s1620w

Estate: P/VF

CWDW, R of W:

OCD Admn Order, date:

Frmtn, Depths, psig:

KB: 3429

GL: 3407

Corr: 22

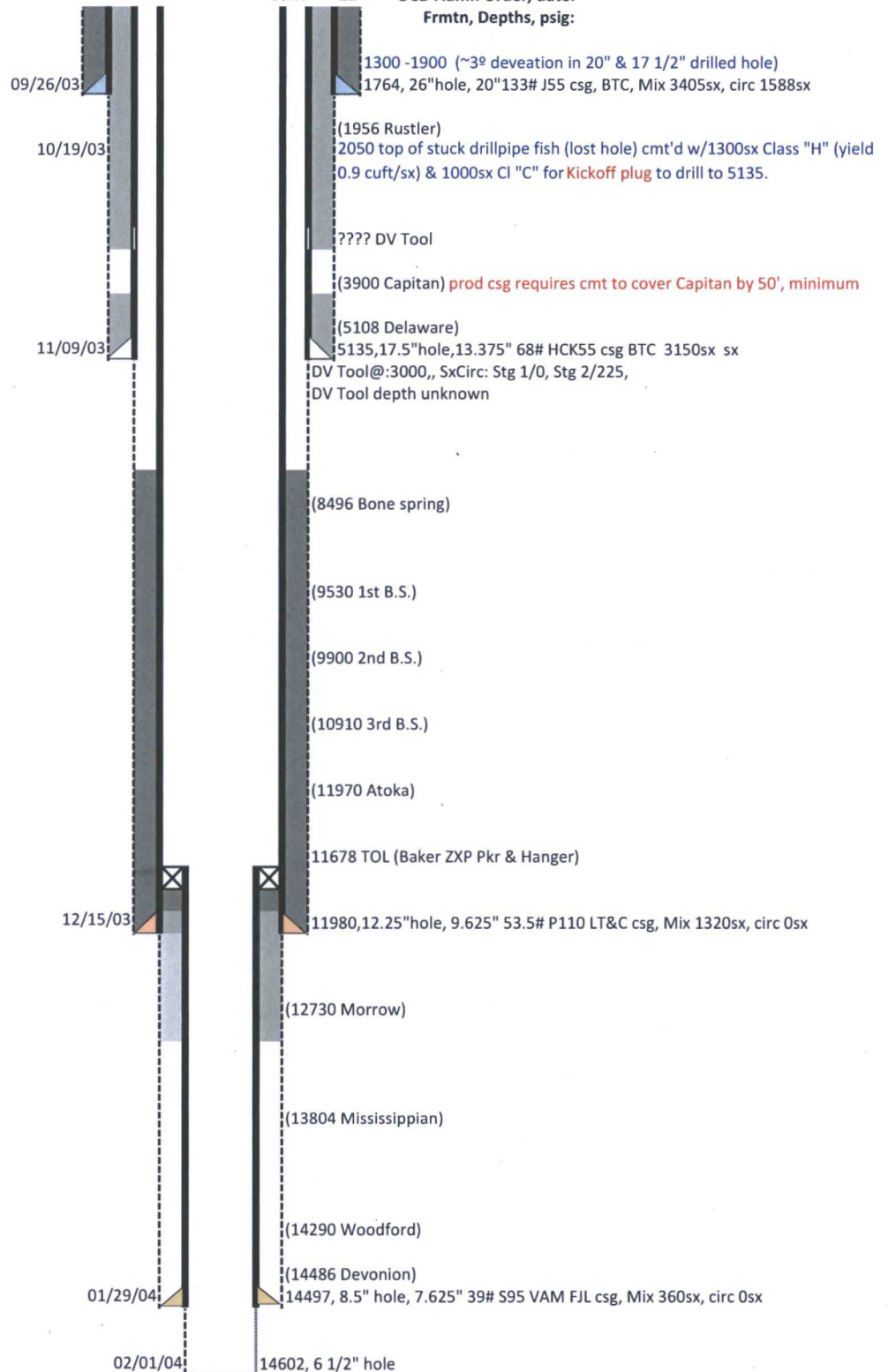


Diagram last updated: 09/07/2017