

OCD-ARTESIA

Form 3160-5
(February 2005)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires March 31, 2007**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
NM-LC070409
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE -- Other instructions on page 2.

1 Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2 Name of Operator
Devon Energy Production Co., LP3a Address
20 North Broadway
OKC, OK 731023b Phone No. (include area code)
(405)-552-78924 Location of Well (Footage, Sec., T., R., M., or Survey Description)
1650' FNL & 1650' FEL
Sec 11-T21S-R25E

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

8. Well Name and No
Pure Federal 39 API Well No
30-015-3035010 Field and Pool or Exploratory Area
Avalon; Morrow11 Country or Parish, State
Eddy 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	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Plugback from Morrow to Delaware
	☐ 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 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.)

Devon Energy Production Company, L.P. respectfully requests approval to plugback from the Morrow to the Delaware zone.

- * See attached procedures & schematics
- * No earthen pit to be constructed, closed loop system to utilized; see copy of C-144 submitted to NMOCD
- * 3000# Double Ram BOP to be used; No H2S is anticipated to be encountered.
- * Will submit completion report if well if found productive; or subsequent report if well is found not productive
- * If it is deemed non-commercial then it will be plugged and abandoned in accordance with rules and regulations established by the New Mexico OGD

BLM
(Federal well)**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed)
Stephanie A. Ysasaga

Title Sr. Staff Engineering Technician

Signature

Date 07/27/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

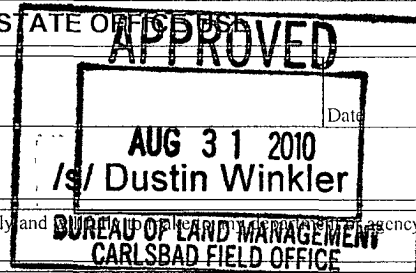
Office

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.

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 any false statement or representation to any officer or employee of the United States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)



DISTRICT I
P. O. Box 1980
Hobbs, NM 88241-1980

DISTRICT II
P. O. Drawer DD
Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

State of New Mexico
Minerals, and Natural Resources Department

EXHIBIT # 2

Form C-102
Revised 02-10-94

Instructions on back

Submit to the Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-30350	2 Pool Code 10500	3 Pool Name CATCLAW DRAW; DELAWARE, EAST
4 Property Code 3490	5 Property Name PURE FEDERAL	6 Well Number 3
7 OGRID No. 6137	8 Operator Name DEVON ENERGY PRODUCTION CO., LP	9 Elevation 3291'

10 SURFACE LOCATION

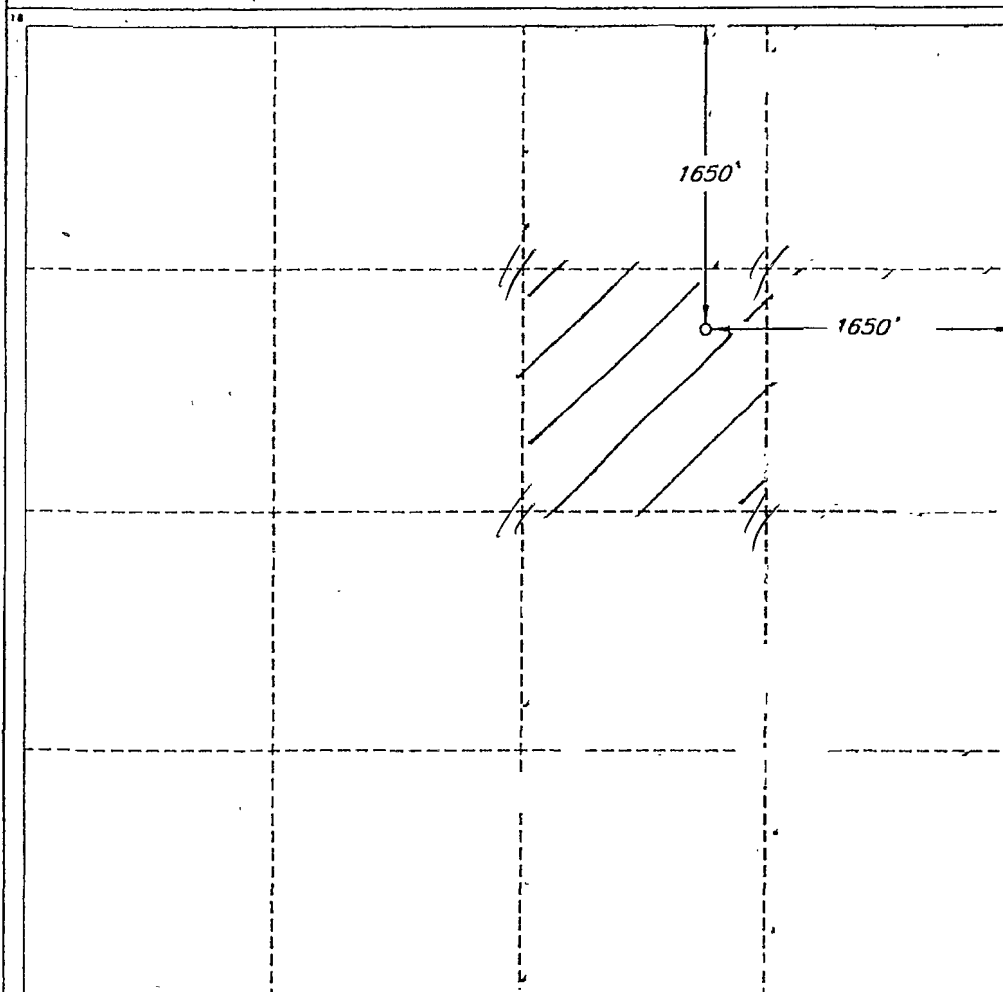
UL or lot no. G	Section 11	Township 21 SOUTH	Range 25 EAST, N.M.P.M.	Lot Ida	Feet from the 1650'	North/South line NORTH	Feet from the 1650'	East/West line EAST	County EDDY
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"BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN
CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information
contained herein is true and complete
to the best of my knowledge and belief.

Signature
Printed Name
STEPHANIE A. YSASAGA
Title
Engineering Tech.
Date
07/27/2010

SURVEYOR CERTIFICATION

I hereby certify that the well
location shown on this plat was
plotted from field notes of actual
surveys made by me or under
my supervision, and that the
same is true and correct to the
best of my belief.

Date of Survey
Signature of Professional Surveyor
Professional Surveyor
12128
Certificate No.
ROGER M. ROBBINS P.S. #12128
JOB #55838 / 50 NE / V.H.B.

Pure Fed #3
AFE # - 155708

Objective - Abandon Morrow. Raise TOC. Complete Delaware.

API# - 30-015-30350
GL - 3291'
TD - 10570'

Location - Sec 11-21S-25E: 1650' FNL & 1650' FEL
KB - 3304' (13')
PBSD - 10225'

Casing	OD	WT/FT	Grade	TOP	Bottom	TOC	Burst (psi)	Collapse (psi)
Surface	13 3/8"	48.00#	H-40	0'	450'	Surface	1730	770
Intermediate	8 5/8"	32.00#	K-55	0'	1670'	Surface	2950	2530
Production	5 1/2"	15.50#	K-55	0'	10567'	5670'	4810	4040
Tubing								
Production	2 3/8"	4.70#	J-55	0'	9875'	-	7700	8100

Current perforations - 9982-87', 9992-94', 10100-04', 10144-53'

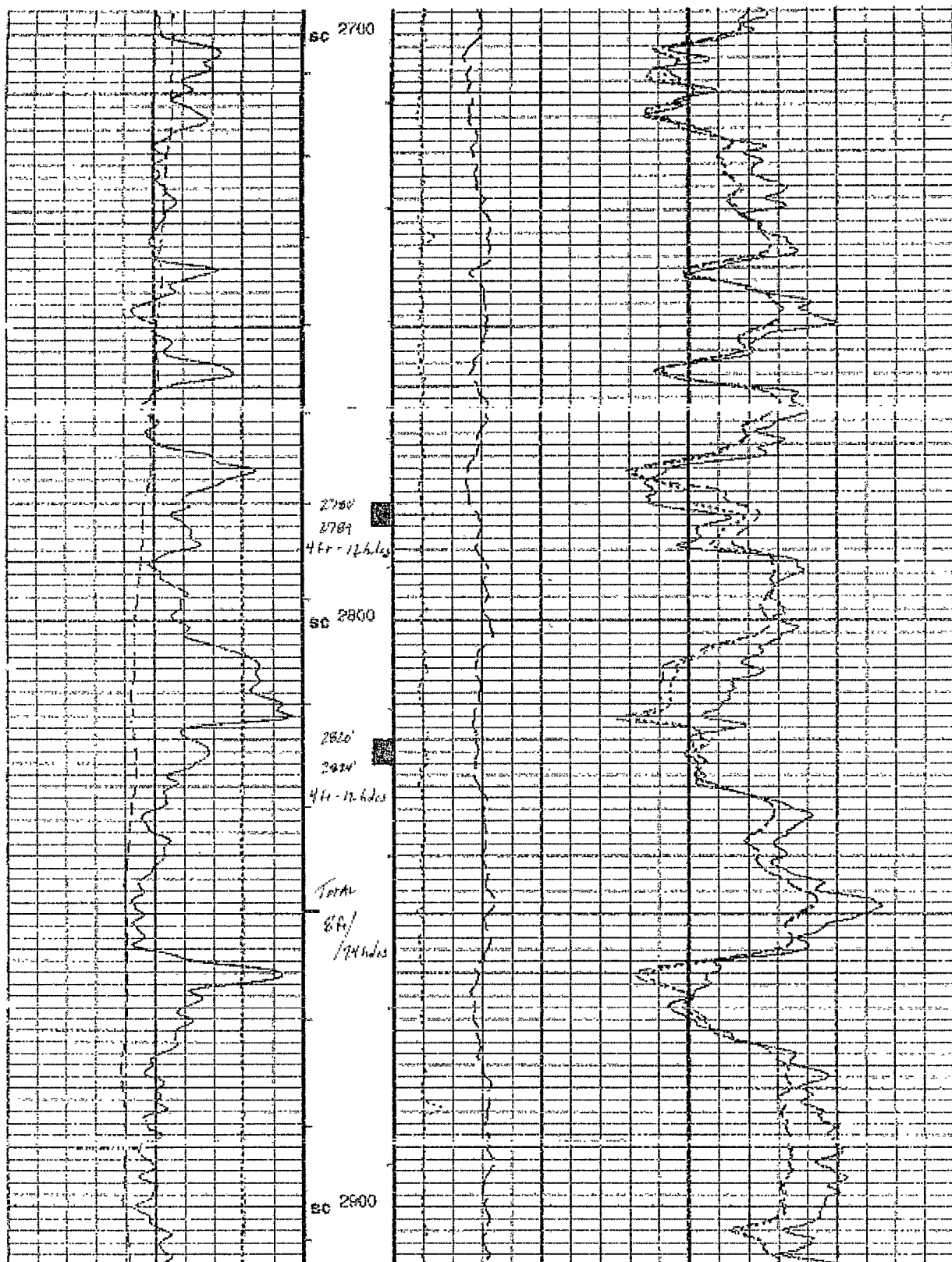
Procedure

- 1) Test anchors. MIRU PU. POOH w/ production tbg. LD ~6900' tbg.
- 2) MIRU WL Unit. RIH w/ GR/JB. Set CIBP @ 9900'. Dump 35' cmt on plug. Load & test csg to 2000 psi. Perforate @ 3000' w/ 4 SPF/90°/0.40". RDMO WL. Pump freshwater down csg. Establish injection rate & attempt to circulate.
- 3) If circulation is established, RIH w/ cmt retainer & tbg. Set retainer @ 2925'. MIRU cementing unit. Establish circulation, then start cmt. Pump 560 sk cmt (yield - 1.4 ft³/sk). Displace cmt w/ 10 bbls freshwater (1 bbl from CR). Sting out of retainer. Reverse out. Leave ~10' cmt on retainer. RDMO cementing unit. Proposed TOC behind 5 1/2" csg @ 1570'. POOH w/ tbg.
- 4) MIRU WL unit. Record CBL from 3100' to TOC. If good cmt is present across proposed perms, proceed w/ perforating. Perforate using 3 1/8" slick gun - 0.38" hole OD. Correlate to Schlumberger Platform Express Three Detector Litho-Density Compensated Neutron dated Sep. 25, 1998.

	Top	Bottom	Feet	Phasing	SPF	Holes
Delaware	2780'	2784'	4	60°	3	12
	2820'	2824'	4	60°	3	12
Total Feet			8	Total Holes		24

RDMO WL unit.

- 5) MIRU stimulation unit. Stimulate Delaware perms @ 2780-2824' by spearheading HCL, then fracture stimulating via csg per BJ proposal #123456. RDMO.
- 6) RIH w/ production tbg & TAC (no packer). Set EOT @ ~ 2800'. ND BOP. NU WH. Swab well on production. RDMO.



DEVON ENERGY PRODUCTION COMPANY LP

CURRENT

Well Name: Pure Federal #3		Field: Avalon (Morrow)	
Location: Sec 11-T21S-R25E, 1650 FNL & 1650' FEL		County: Eddy	State: NM
Elevation: GL 3291', KB 3304'		Spud Date: 8/20/98	Compl Date: 10/11/98
API#: 30-015-30350	Prepared by: Ronnie Slack	Date: 6/29/2005	Rev:

CURRENT (dim's rpt 6/25/05)

17-1/2" hole
13-3/8", 48#, H40, @ 450'
Cmt'd w/437 sxs cement

12-1/4" hole
8-5/8", 32#, K55, @ 1670'
Cmt'd w/1270 sxs cement

TOC @ 5670'. (CBL)

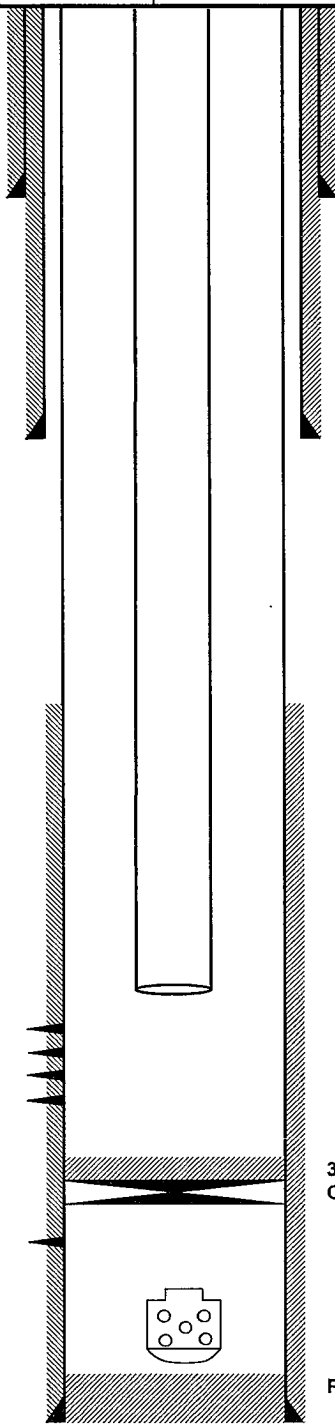
UPPER MORROW (5/20/05)

9982' - 9987'
9992' - 9994' 6 spf, 60°
10100' - 10104'
10144' - 10153'
Acidized w/2000 gals 7 1/2% (5/20/05)
Frac'd w/24.5K# 20/40 (6/4/05)
6/27/05: 129 Mcfd, 0 bopd, 3 bwpd

MORROW

10282' - 10292'
Frac'd w/49500# 20/40 bauxite

7-7/8" Hole
5-1/2", 17# & 15.5#, K55 & L80, @ 10567'
Cmt'd w/950 sxs cement



305 JTS -- 2-3/8" Production Tbg

SN @ 9874'
EOT @ 9875'

35' cement on top. PBD @ 10225'
CIBP @ 10260' (5/17/05)

56', TCP gun assembly released

PBTD @ 10464'

TD @ 10570'

DEVON ENERGY PRODUCTION COMPANY LP

PROPOSED

Well Name: Pure Federal #3		Field: Avalon (Morrow)	
Location: Sec 11-T21S-R25E, 1650 FNL & 1650' FEL		County: Eddy	State: NM
Elevation: GL 3291', KB 3304'		Spud Date: 8/20/98	Compl Date: 10/11/98
API#: 30-015-30350	Prepared by: Brad Crowdis	Date: 6/29/2005	Rev:

 CURRENT (dim's rpt 6/25/05)
 PROPOSED

17-1/2" hole
13-3/8", 48#, H40, @ 450'
 Cmt'd w/437 sxs cement

12-1/4" hole
8-5/8", 32#, K55, @ 1670'
 Cmt'd w/1270 sxs cement

DELAWARE
 2780-2784' 3 spf / 60°
 2820-2824' 8 ft / 24 holes

Sqz holes - 3000' - 4 spf

Estimated TOC @ ~1570'

EOT @ 2800'

Cement Retainer @ 2925'

Current TOC @ 5670' (CBL)

35' cement on top. PBD @ 9865'
 CIBP @ 9900'

UPPER MORROW (5/20/05)
 9982' - 9987'
 9992' - 9994' 6 spf, 60°
 10100' - 10104'
 10144' - 10153'
 Acidized w/2000 gals 7 1/2% (5/20/05)
 Frac'd w/24.5K# 20/40 (6/4/05)
 6/27/05: 129 Mcfd, 0 bopd, 3 bwpd

35' cement on top. PBD @ 10225'
 CIBP @ 10260' (5/17/05)

MORROW
 10282' - 10292'
 Frac'd w/49500# 20/40 bauxite

56', TCP gun assembly released

7-7/8" Hole
5-1/2", 15.5#, K55 @ 10567'
 Cmt'd w/950 sxs cement

PBTD @ 10464'

TD @ 10570'

Devon Energy Production Co., LP
NM-33277: Pure Federal #3
API: 30-015-30350
Eddy County, New Mexico

RE: Plug Back – Conditions of Approval

There is to be no surface disturbance beyond the originally approved pad. A closed loop system is to be used. H2S monitoring and protection equipment is to be on site.

3M BOP is to be used for this well. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.

A proper plug back shall be done on the well as follows:

1. In addition to the CIBP at 9900' with 35' of cement, the BLM will require a CIBP set at 10070' with 35' of cement on top. (Morrow – Perfs)
2. A plug (minimum 25sx) spotted across the top of the Wolfcamp from 7700'-7530'.
3. Perf and squeeze a plug (minimum 25sx) from 5275'-5125'. WOC and tag at 5125' or shallower. (Bone Spring Sand – Spacer)
4. Perf at 3540' and attempt to establish an injection rate using a packer. If injection rate can be established, squeeze cement with an intended TOC behind casing of 1470' or shallower. Run CBL and establish top and base of cement.
5. Spot cement from 3590'-3440', WOC and tag at 3440' or shallower (Bone Spring).

Submit subsequent report with updated wellbore schematic and well tests and a new completion report once work is completed.

DHW 081810