

From: [Lowe, Leonard, EMNRD](#)
To: [Darin Savage](#)
Subject: RE: [EXTERNAL] Re: Follow up email re Admin Order NSL-8098, Shire 616H well
Date: Tuesday, November 2, 2021 2:54:00 PM

Mr. Savage,

The OCD appreciates the update.

Based upon the updated information below. The OCD will not require an amendment to the NSL – 8098.

Leonard R. Lowe

Engineering Bureau
OCD - EMNRD
5200 Oakland Ave. NE
Albuquerque, N.M. 87113
C: 505-930-6717
<http://www.emnrd.state.nm.us/oed/>

From: Darin Savage <darin@abadieschill.com>
Sent: Monday, November 1, 2021 5:23 PM
To: Lowe, Leonard, EMNRD <Leonard.Lowe@state.nm.us>
Subject: [EXTERNAL] Re: Follow up email re Admin Order NSL-8098, Shire 616H well

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Mr. Leonard Lowe, good evening,

Devon mistakenly sent the original C-102 for the 616H well, and attached is the new C-102, as drilled, that I got ahold of today.

It looks like there was some miscommunication I was getting over the phone from Devon, so let me go through this C-102 to make sure we are on the same page.

It is the new FTP that moves closer to the west by 58', the new FTP is 1599' FWL, and 497' FSL. The original FTP as approved in Order NSL-8098 was 1657 FWL and 100 FSL. So there is a 58' difference toward the west (and a 51' encroachment into the 330' setback). The new FTP is also 497' FSL so there is no encroachment into the 330' setback toward the south.

The new LTP is 1709' FWL and 126' FNL. The original FTP as approved in Order NSL-8098 was 1657 FWL and 100 FNL. Therefore, the new LTP does not encroach on the 330' setback to the west, as it is 389' away from the boundary, and the new LTP still encroaches toward the north, as approved by the order, but not as much, 126' vs. 100'.

The trajectory of the lateral stays along the west side pretty consistently, starting out at 1599 FWL and ending at 1709 FWL, so it actually moves away from the west line by 110' over the course of its

length.

Therefore, the only encroachment that has changed is the FTP with its 51' encroachment into the 330' setback toward the west line.

Thanks for your patience as we get all this straight. Again, the only party involved is XTO and they were part of the original application.

I hope this straightens things out and makes sense for your evaluation in a way that allows you to respond by email about your final determination. Let me know if you need any additional information.

Have a good evening,

Darin

DARIN SAVAGE

Abadie | Schill P.C.

214 McKenzie Street, Santa Fe, New Mexico 87501

P | 970.385.4401 :: F | 970.385.4901 :: C | 970.764.8191

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On Oct 28, 2021, at 4:37 PM, Darin Savage <darin@abadieschill.com> wrote:

Mr. Leonard Lowe, good afternoon,

I am providing this email as a follow up to our last phone conversation, addressing the variation of final LTP of the Shire 22 15 Federal Com Well No. 616H.

You had provided Admin Order NSL-8098 for the Shire 22 15 Federal Com Well No. 616H with an approved FTP of 100 FSL & 1657 FWL, Sec. 22 25S 31E, Eddy County, NM.


As we discussed, when Devon drilled the well, they were off that tolerance by 58' FWL for that FTP, so it ended up being 1599' FWL, which encroaches the west boundary by 51'. The FTP does not encroach upon the south boundary (in fact it ended up 497' from the south line, which is well within the setback requirement. Also, the FTP is still located in the designated Unit N (SESW).

I've attached the previous C-102 of this well which shows the lateral as originally conceived. The FTP point is 1657' FWL, and the LTP was intend to also be 1657' FWL, but it ended up, as explained, being 1599' FWL. Still, the lateral stays pretty close to its original trajectory along its length, but moved in about 58' toward the west over the course of its trajectory to arrive at a LTP of 1599' FWL.

Please let me know if you need any additional info.

Thanks for your phone call and assistance in this matter.

Darin


DARIN SAVAGE

Abadie | Schill P.C.

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<Shire 22-15 Fed Com 616H C102 Plat.pdf>

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-47327	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code	⁵ Property Name SHIRE 22-15 FED COM	⁶ Well Number 616H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3339.4

¹⁰ Surface Location


UL or lot no. N	Section 22	Township 25 S	Range 31 E	Lot Idn	Feet from the 350	North/South line SOUTH	Feet from the 1855	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. C	Section 15	Township 25 S	Range 31 E	Lot Idn	Feet from the 103	North/South line NORTH	Feet from the 1710	East/West line WEST	County EDDY
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<div><p>NW CORNER SEC. 15 LAT. = 32.1376857°N LONG. = 103.7743767°W NMSP EAST (FT) N = 414274.67 E = 714349.16</p><p>W/4 CORNER SEC. 15 LAT. = 32.1303992°N LONG. = 103.7744266°W NMSP EAST (FT) N = 411623.90 E = 714347.47</p><p>SECTION CORNER LAT. = 32.1230977°N LONG. = 103.7744128°W NMSP EAST (FT) N = 408967.74 E = 714365.52</p><p>W/4 CORNER SEC. 22 LAT. = 32.1158227°N LONG. = 103.7744447°W NMSP EAST (FT) N = 406321.16 E = 714369.37</p><p>SW CORNER SEC. 22 LAT. = 32.1085472°N LONG. = 103.7744766°W NMSP EAST (FT) N = 403674.44 E = 714373.22</p></div> <div><p>N89°42'57"E 2652.44 FT N89°37'34"E 2664.18 FT N89°46'55"E 2626.60 FT N89°27'26"E 2664.80 FT N89°38'30"W 2653.78 FT S89°39'25"W 2652.26 FT</p><p>1710' 103' 1855' 350'</p><p>BOTTOM OF HOLE LAT. = 32.1376857°N LONG. = 103.7743767°W NMSP EAST (FT) N = 414274.67 E = 714349.16</p><p>LAST TAKE POINT 126' FNL, 1709' FWL LAT. = 32.1373394°N LONG. = 103.7688587°W</p><p>QUARTER CORNER LAT. = 32.1230977°N LONG. = 103.7744128°W NMSP EAST (FT) N = 408967.74 E = 714365.52</p><p>FIRST TAKE POINT 497' FSL, 1599' FWL LAT. = 32.1099176°N LONG. = 103.7693079°W</p><p>KICK OFF POINT 72' FSL, 1606' FWL LAT. = 32.1087491°N LONG. = 103.7692889°W</p><p>S/4 CORNER SEC. 22 LAT. = 32.1085528°N LONG. = 103.7659126°W NMSP EAST (FT) N = 403690.32 E = 717024.86</p></div> <div><p>NE CORNER SEC. 15 LAT. = 32.1376926°N LONG. = 103.7572043°W NMSP EAST (FT) N = 414305.21 E = 719664.53</p><p>E/4 CORNER SEC. 15 LAT. = 32.1304013°N LONG. = 103.7572709°W NMSP EAST (FT) N = 411652.64 E = 719658.11</p><p>SECTION CORNER LAT. = 32.1231179°N LONG. = 103.7573247°W NMSP EAST (FT) N = 409002.97 E = 719655.63</p><p>E/4 CORNER SEC. 22 LAT. = 32.1158546°N LONG. = 103.7573421°W NMSP EAST (FT) N = 406360.67 E = 719664.36</p><p>SE CORNER SEC. 22 LAT. = 32.1085597°N LONG. = 103.7573438°W NMSP EAST (FT) N = 403706.91 E = 719678.01</p></div>	<div><p>17 OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p><p>Signature _____ Date _____</p><p>Printed Name _____</p><p>E-mail Address _____</p></div> <div><p>18 SURVEYOR CERTIFICATION</p><p>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.</p><p>JULY 27, 2021</p><p>Date of Survey _____</p><p>Signature and Seal of Professional Surveyor: </p><p>Certificate Number: 12797</p></div>
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Intent ☐ As Drilled ☒

API # 30-015-47327			
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.		Property Name: SHIRE 22-15 FED COM	Well Number 616H

Kick Off Point (KOP)

UL N	Section 22	Township 25S	Range 31E	Lot	Feet 72	From N/S SOUTH	Feet 1606	From E/W WEST	County EDDY
Latitude 32.1087491					Longitude 103.7692889				NAD 83

First Take Point (FTP)

UL N	Section 22	Township 25S	Range 31E	Lot	Feet 497	From N/S SOUTH	Feet 1599	From E/W WEST	County EDDY
Latitude 32.1099176					Longitude 103.7693079				NAD 83

Last Take Point (LTP)

UL C	Section 15	Township 25S	Range 31E	Lot	Feet 126	From N/S NORTH	Feet 1709	From E/W WEST	County EDDY
Latitude 32.1373394					Longitude 103.7688587				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #			
Operator Name:		Property Name:	Well Number

KZ 06/29/2018