

**BEFORE THE OIL CONSERVATION DIVISION  
EXAMINER HEARING OCTOBER 31, 2019**

**APPLICATION OF DEVON ENERGY PRODUCTION COMPANY, L.P.,  
FOR A HORIZONTAL SPACING UNIT AND COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

**Case No. 20793**

Sneaky Snake 24 Fed Com 11H Well  
Sneaky Snake 24 Fed Com 12H Well  
Sneaky Snake 24 Fed Com 13H Well  
Sneaky Snake 24 Fed Com 14 H Well

**Case No. 20794**

Sneaky Snake 24 Fed Com 1H Well  
Sneaky Snake 24 Fed Com 2H Well  
Sneaky Snake 24 Fed Com 3H Well  
Sneaky Snake 24 Fed Com 4H Well

**Devon Energy Production Company, L.P.**

**HEARING EXHIBITS**

Reference: Application – Case No. 20793  
Reference: Application – Case No. 20794

**Case No. 20793**

Exhibit I-1: Affidavit of Andy D. Bennett, Landman, and Supporting Documents  
Exhibit I-2: Affidavit of John Green, Geologist, and Supporting Documents  
Exhibit I-3: Notice Affidavit

**Case No. 20794**

Exhibit II-1: Affidavit of Andy D. Bennett, Landman, and Supporting Documents  
Exhibit II-2: Affidavit of Thomas Peryam, Geologist, and Supporting Documents  
Exhibit II-3: Notice Affidavit

**STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES  
OIL CONSERVATION DIVISION**

**APPLICATION OF DEVON ENERGY PRODUCTION  
COMPANY LP FOR A HORIZONTAL SPACING UNIT  
AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

**Case No. 20793**

**AFFIDAVIT OF JOHN GREEN**

STATE OF OKLAHOMA    )  
                                  ) ss.  
COUNTY OF OKLAHOMA )

I, being duly sworn on oath, state the following:

1. I am over the age of 18, and I have personal knowledge of the matters stated herein.
2. I am employed as a petroleum geologist for Devon Energy Production Company, L.P. ("Devon"), and I am familiar with the subject application and the geology involved.
3. This affidavit is submitted in connection with the filing by Devon of the above-referenced compulsory pooling application pursuant to 19.15.4.12.A(1), (6) NMAC.
4. I have testified previously by affidavit before the Oil Conservation Division ("Division") as an expert petroleum geologist; my credentials have been made a matter of record, and I have been qualified as an expert by the Division.
  - a. I hold a Bachelor's degree in Geology obtained from Oklahoma State University, and a Master's degree in Geology from Oklahoma State University.  
I completed my education in 2011.
  - b. I have been employed as a petroleum geologist with Devon since April, 2011.
5. **Exhibit A** is a Bone Spring structure map. The unit being pooled is outlined by red rectangle. Strata dip approximately 25' eastward across section 24. The apparent structural dip



(41)

along the proposed Sneaky Snake wellbores is around 0.25°. No major structural hazards exist at this location.

6. **Exhibit A** identifies wells in the vicinity of the proposed well, with a cross-section line running from A to A'.

7. **Exhibit A** shows that the structure dips down to the east.

8. **Exhibit B** is a Bone Spring stratigraphic cross-section hung on the First Bone Spring Limestone. The cross-section shows consistent target thickness in wells near the Sneaky Snake sections. The well logs on the cross-section give a representative sample of the Bone Spring formation in the area and demonstrate reasonable well control. The target zone for the 11H and 12H is the Leonard Formation, while the 13H and 14H are targeting the Second Bone Spring Sandstone, as indicated by the blue lines in **Exhibit B**. The target zones are continuous across the well unit.

9. **Exhibit C** is a gross isochore of the Leonard target formation. The map shows thickness for the "11H-12H Target" indicated in **Exhibit B**. The Leonard target interval is uniform across the proposed well unit.

10. **Exhibit D** is a gross isochore of the Second Bone Spring Sandstone formation. The map shows thickness for the "13H-14H Target" indicated in **Exhibit B**. The Second Bone Spring Sandstone is uniform across the proposed well unit.

11. I conclude from the attached exhibits that:

- a. The horizontal spacing and proration unit is justified from a geologic standpoint.
- b. There are no structural impediments or faulting that will interfere with horizontal development.

c. Each quarter-quarter section in the unit will contribute more or less equally to production.

12. The preferred well orientation in this area is south-north. This is because the inferred orientation of the maximum horizontal stress is roughly E-W.

13. The Exhibits to this Affidavit were prepared by me, or compiled from Devon's company business records under my supervision.

14. The granting of this Application is in the interests of conservation, the prevention of waste, and the protection of correlative rights.

15. The foregoing is correct and complete to the best of my knowledge and belief.

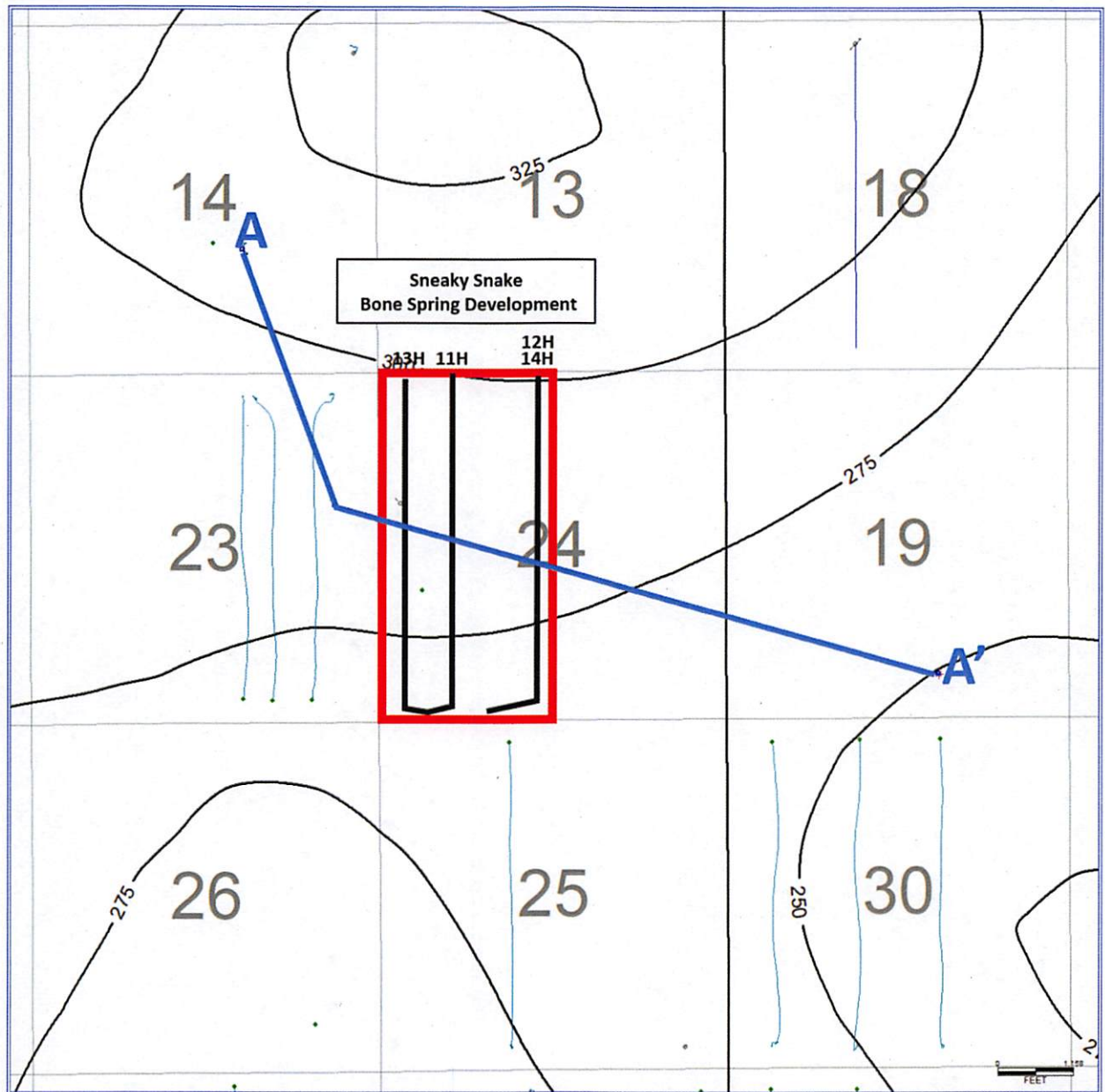
FURTHER AFFIANT SAYETH NAUGHT

  
John Green

Subscribed to and sworn before me this 28<sup>th</sup> day of October, 2019.



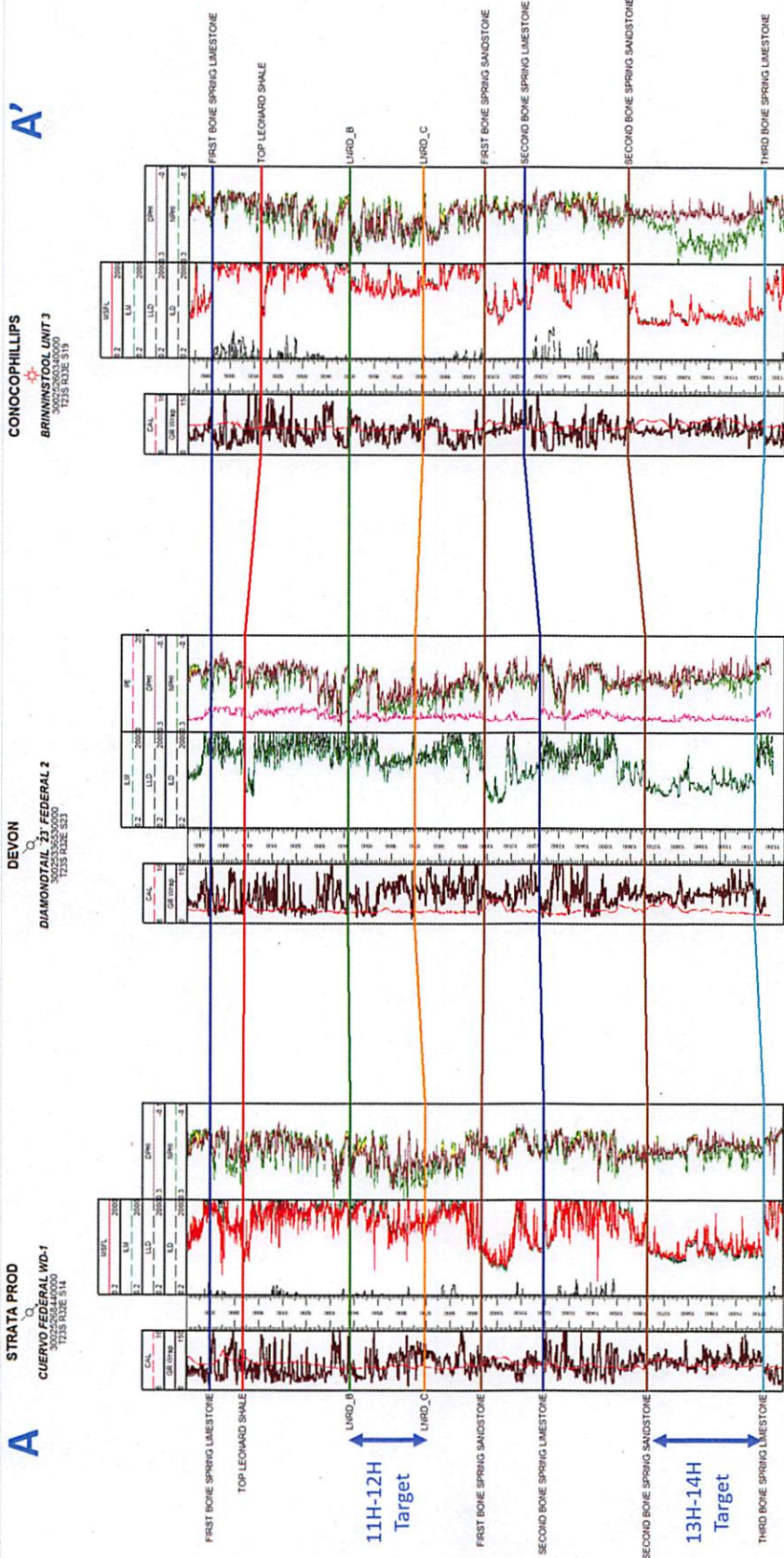
  
Notary Public



**Exhibit A:** Bone Spring structure map. Contour interval = 25'. Cross-section indicated by blue line labeled A to A'. The red rectangle indicates the unit being pooled.



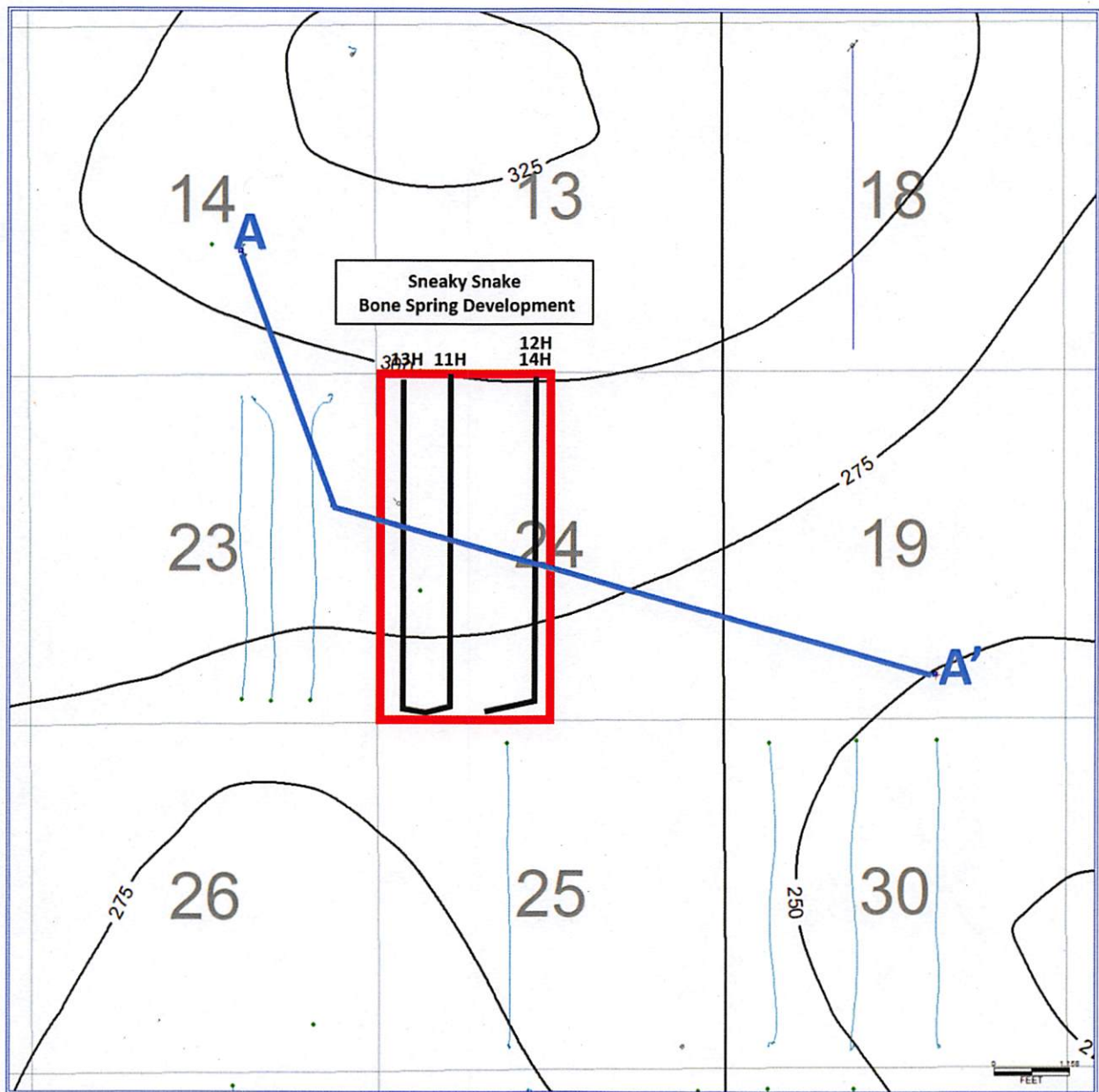




*Exhibit B: Cross-section A to A'. Stratigraphic cross-section hung on First Bone Spring Limestone top. Target intervals indicated by blue arrows.*

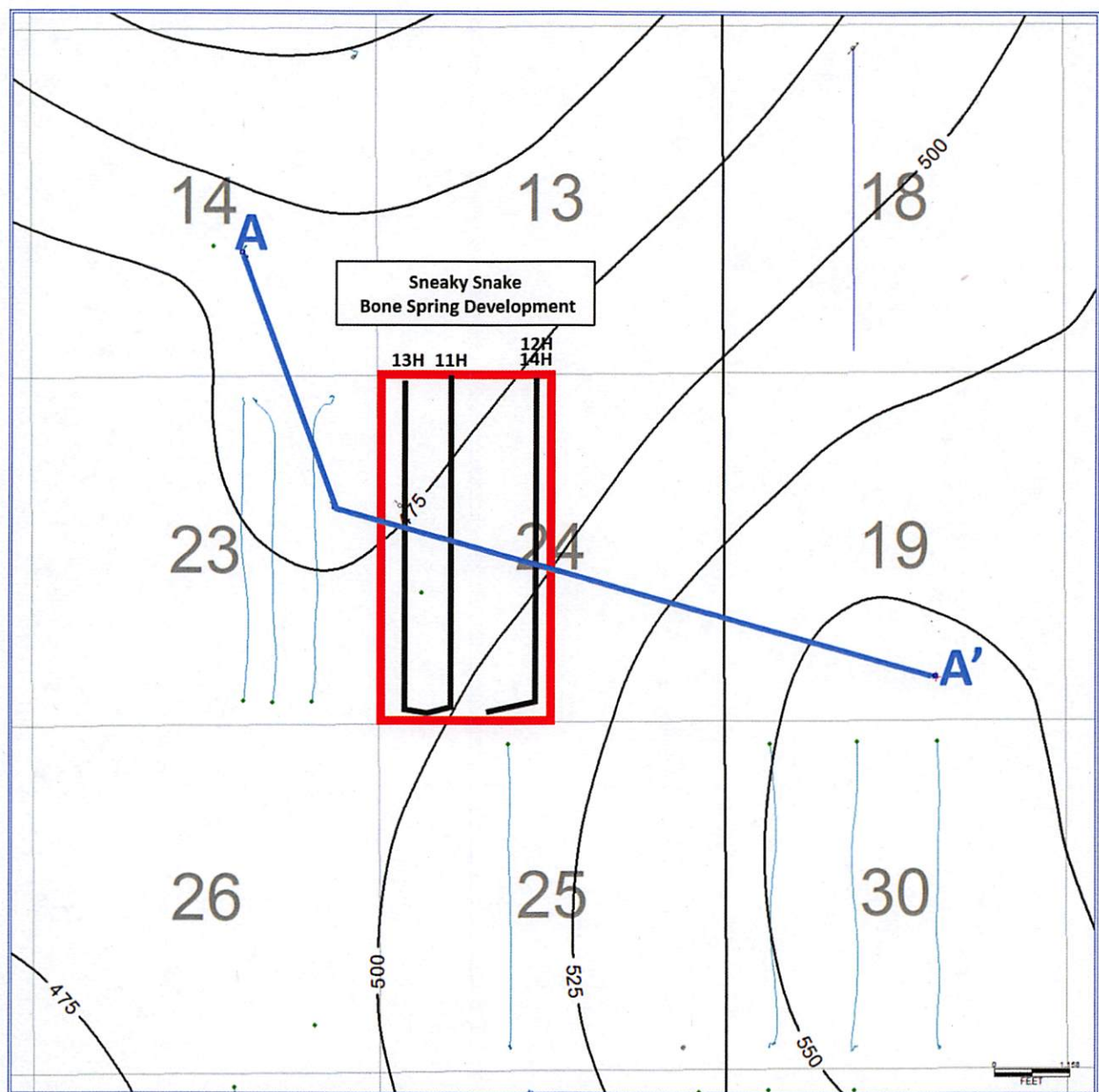
tabbles<sup>®</sup>  
**EXHIBIT**  
**I-2B**

45



**Exhibit C:** Isochore thickness of upper target interval indicated on cross-section (Exhibit B). Cross-section indicated by blue line labeled A to A'. The red rectangle indicates the unit being pool.





**Exhibit D:** Isochore thickness of lower target interval indicated on cross-section (Exhibit B). Cross-section indicated by blue line labeled A to A'. The red rectangle indicates the unit being pool

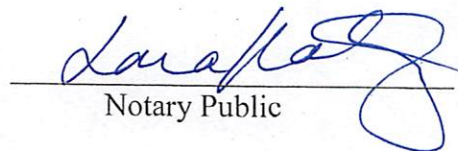


APPLICATION OF DEVON ENERGY PRODUCTION  
COMPANY LP FOR A HORIZONTAL SPACING UNIT  
AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

# AFFIDAVIT OF NOTICE

Darin C. Savage, attorney and authorized representative of Devon Energy Production Company, L.P., the Applicant herein, being first duly sworn, upon oath, states that the above referenced Applications were under a notice letter and that proof of receipt attached hereto.

SUBSCRIBED AND SWORN to before me this 29<sup>th</sup> day of October, 2019, by Darin C. Savage.



Aug. 1, 2023





Transaction Report Details - CertifiedPro.net  
 Date Created= 9/01/2019 - 10/25/2019  
 Generated: 10/25/2019 7:10:38 AM

USPS Article Number	Date Created	Reference	Name 1	City	State	Zip	Mailing Status	Service	Delivery Date
9314869904300063147265	2019-09-10 1:49 PM	BS-20793	Devon Energy Production Company, LP	OKLAHOMA CITY	OK	73102	Delivered	Certified Mail	09-16-2019
9314869904300063147241	2019-09-10 1:48 PM	BS-20793	ONRR Royalty Management Program	Denver	CO	80225-0627	Delivered	Certified Mail	09-13-2019
9314869904300063146930	2019-09-10 1:48 PM	BS-20793	Chisos Minerals LLC	Houston	TX	77002	Delivered	Certified Mail	09-16-2019
9314869904300063146893	2019-09-10 1:47 PM	BS-20793	Jareed Partners LTD	Midland	TX	79710-1451	Delivered	Certified Mail	09-16-2019
9314869904300063146510	2019-09-10 1:45 PM	BS-20793	Jareed Partners LTD	Midland	TX	79705	To be Returned	Certified Mail	
9314869904300063146442	2019-09-10 1:44 PM	BS-20793	Paul R. Barwis, MSU	Midland	TX	79702	To be Returned	Certified Mail	
9314869904300063146350	2019-09-10 1:43 PM	BS-20793	JOHN KYLE THOMA	PEYTON	CO	80831-0558	Delivered	Certified Mail	09-13-2019
9314869904300063146307	2019-09-10 1:39 PM	BS-20793	Crownrock Minerals LP	Midland	TX	79710	To be Returned	Certified Mail	
9314869904300063146107	2019-09-10 1:38 PM	BS-20793	C. Mark Wheeler, MSU	Midland	TX	79701	Delivered	Certified Mail	09-16-2019
9314869904300063146015	2019-09-10 1:38 PM	BS-20793	C. Mark Wheeler, MSU	Midland	TX	79705	To be Returned	Certified Mail	
9314869904300063145971	2019-09-10 1:38 PM	BS-20793	COG Operating LLC	Santa Fe	NM	87501	Delivered	Certified Mail	09-13-2019
9314869904300063144004	2019-09-10 1:13 PM	BS-20793	COG Operating LLC	Midland	TX	79701	Delivered	Certified Mail	09-16-2019
9314869904300063143885	2019-09-10 1:12 PM	BS-20793	COG Operating LLC	OKLAHOMA CITY	OK	73102	Delivered	Certified Mail	09-16-2019
9314869904300063140518	2019-09-10 12:41 PM	WC-20794	DEVON ENERGY PRODUCTION CO., LP	Denver	CO	80225-0627	Delivered	Certified Mail	09-13-2019
9314869904300063140426	2019-09-10 12:40 PM	WC-20794	ONRR Royalty Management Program	Houston	TX	77002	Delivered	Certified Mail	09-16-2019
9314869904300063140334	2019-09-10 12:40 PM	WC-20794	Chisos Minerals LLC	Midland	TX	79710-1451	Delivered	Certified Mail	09-16-2019
9314869904300063140303	2019-09-10 12:39 PM	WC-20794	Jareed Partners LTD	Midland	TX	79705	To be Returned	Certified Mail	
9314869904300063140211	2019-09-10 12:38 PM	WC-20794	Jareed Partners LTD	Midland	TX	79702	Delivered	Certified Mail	09-24-2019
9314869904300063138539	2019-09-10 12:20 PM	WC-20794	Paul R. Barwis, MSU	PEYTON	CO	80831-0558	Delivered	Certified Mail	09-13-2019
9314869904300063138218	2019-09-10 12:17 PM	WC-20794	JOHN KYLE THOMA	MIDLAND	TX	79710-1933	Delivered	Certified Mail	10-02-2019
9314869904300063138102	2019-09-10 12:16 PM	WC-20794	CROWNROCK MINERALS LP	Midland	TX	79705	To be Returned	Certified Mail	
9314869904300063137990	2019-09-10 12:15 PM	WC-20794	C. Mark Wheeler, MSU	MIDLAND	TX	79701-3245	Delivered	Certified Mail	09-16-2019
9314869904300063137938	2019-09-10 12:14 PM	WC-20794	C MARK WHEELER, MSU	Santa Fe	NM	87501	Delivered	Certified Mail	09-13-2019
9314869904300063137778	2019-09-10 12:12 PM	WC-20794	COG Operating LLC	MIDLAND	TX	79701-4882	Delivered	Certified Mail	09-16-2019
9314869904300063137716	2019-09-10 12:11 PM	WC-20794	COG OPERATING LLC						



September 10, 2019

VIA CERTIFIED MAIL

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Devon Energy production Company, L.P., for horizontal  
spacing and compulsory pooling, Lea County, New Mexico  
Sneaky Snake 24 Fed Com 11H Well  
Sneaky Snake 24 Fed Com 12H Well  
Sneaky Snake 24 Fed Com 13H Well  
Sneaky Snake 24 Fed Com 14H Well

Case No. 20793

Dear Interest Owners:

This letter is to advise you that Devon Energy Production Company, L.P., has filed the enclosed application, Case No. 20793, with the New Mexico Oil Conservation Division for creating a standard horizontal spacing unit and the compulsory pooling of the Bone Spring formation underlying the W/2 of Section 24-23S-32E, NMPM, Lea County, New Mexico, encompassing 320 acres, more or less.

A hearing has been requested before a Division Examiner on October 3, 2019, and the status of the hearing can be monitored through the Division's website. Division hearings will commence at 8:15 a.m. in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B NMAC to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: The names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.



50

If you have any questions about this matter, please contact Andy Bennett at (405) 552-8002 or at [Andy.Bennett@dvn.com](mailto:Andy.Bennett@dvn.com).

Sincerely,

A handwritten signature in black ink, consisting of a large, stylized 'D' followed by a cursive 'C' and 'Savage'.

---

Darin C. Savage

Attorney for Devon Energy  
Production Company, L.P.



# Affidavit of Publication

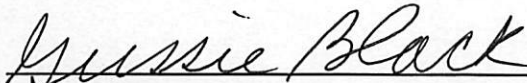
STATE OF NEW MEXICO  
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

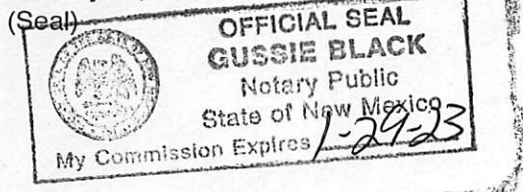
Beginning with the issue dated  
September 14, 2019  
and ending with the issue dated  
September 14, 2019.

  
Publisher

Sworn and subscribed to before me this  
14th day of September 2019.

  
Business Manager

My commission expires  
January 29, 2023



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

## LEGAL NOTICE SEPTEMBER 14, 2019

**CASE No. 20793: Notice to all affected parties and persons having any right, title interest or claim to this case, including overriding royalty interest owners, as well as the known and unknown heirs, devisees and successors of COG OPERATING LLC, CONCHO RESOURCES INC., C. MARK WHEELER, CROWNROCK MINERALS, LP, JOHN KYLE THOMA, TRUSTEE OF THE CORNERSTONE FAMILY TRUST, PAUL R. BARWIS, JAREED PARTNERS, LTD, CHISOS MINERALS, LLC, ONRR ROYALTY MANAGEMENT PROGRAM of Devon Energy Production Company, L.P.'s applications for approval of a spacing unit and compulsory pooling, Lea County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division Examiner will conduct a public hearing at 8:15 a.m. on October 3, 2019, at 1220 S. St. Francis, Santa Fe, New Mexico, 87505, Devon Energy Production Company, L.P., at 333 W. Sheridan Ave, Oklahoma City, OK 73102, seeks an order from the Division: (1) creating a standard 320-acre, more or less, horizontal spacing and proration unit comprised of the W/2 of Section 24, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico, and (2) pooling all mineral interests in the Bone Spring formation (DIAMONDTAIL; BONE SPRING [17644]) underlying the unit. Said horizontal spacing unit is to be dedicated to the proposed **Sneaky Snake 24 Fed Com 11H Well**, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 24 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 24. This Well defines the HSU. Also proposed to be drilled are: (1) the **Sneaky Snake 24 Fed Com 12H Well** to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 24 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 24; (2) the **Sneaky Snake 24 Fed Com 13H Well** to be horizontally drilled from a surface location in SW/4 SW/4 (Unit M) of Section 24 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 24; and (3) the **Sneaky Snake 24 Fed Com 14H Well** to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 24 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 24. The completed intervals and first take and last take points for all wells proposed in the unit meet the Division's statewide setback requirements for horizontal oil wells; Devon will utilize proximity tracts. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof; actual operating costs and charges for supervision; the designation of the Applicant as Operator of the wells; and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 5 miles southwest of Eunice, New Mexico. #34698**

67115820

00233484

KAIYA TOOP  
ABADIE SCHILL  
214 McKENZIE  
SANTA FA  
NM, NM 87501



52