

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

**APPLICATION OF DEVON ENERGY PRODUCTION  
COMPANY, L.P. FOR A NON-STANDARD OIL SPACING  
AND PRORATION UNIT AND COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.**

Case No. 15317

**VERIFIED STATEMENT OF JOHN C. KUCEWICZ, JR.**

John C. Kucewicz, Jr., being duly sworn upon his oath, deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am a geologist for applicant, and I am familiar with the geological matters involved in this case.

3. I have not previously testified before the Division. My educational and employment background is as follows: I graduated from the State University of New York, College at Oneonta in 1990 and 1992 with a degree in Geology and in Earth Sciences (M.A.). I have been employed by Devon Energy since May 2013, and began my career in the Oil & gas Industry with Texaco, USA as a Geological Assistant in 1975.

4. The geological plats attached hereto show the following:

(a) Attachment A contains a structure map of the Second Bone Spring Sand, which is the target of the Grandi 22 Well No. 2H. The contour interval is 25 feet. Structure dips gently to the east.

Attachment A also contains a gross isopach map of the Second Bone Spring Sand. The contour interval is 10 feet. It shows a general thickening to the east of the well bore. Subsea Depths of the Top and Base of the Sand are posted by the well spots.

(b) Attachment B is a four well west-to-east cross section. The various colors on the logs represent varying lithologies in the well bores, and the section displayed starts in the Base of the Delaware formation and TD's in the top of the Wolfcamp. The pay is continuous across the well unit.

5. I conclude from the maps that the project area is justified from a geologic standpoint.

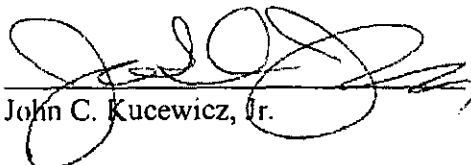
6. Each quarter-quarter section in the project area will contribute more or less equally to production.

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7. There is no faulting that I am aware of nor other geologic impediments that affected the drilling of the subject well.

8. The producing interval of the well is in orthodox locations.

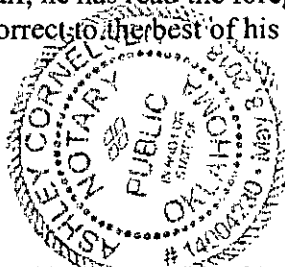
9. Attachment C is the as-drilled horizontal well plan. The well has 16 completion stages and the fluid volumes were 65,697 barrels, and 6,150,160 pounds of proppant.

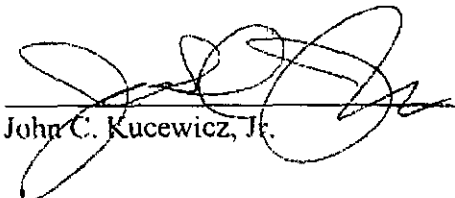
  
John C. Kucewicz, Jr.

VERIFICATION

COUNTY OF OKLAHOMA            )  
  ) ss.  
STATE OF OKLAHOMA            )

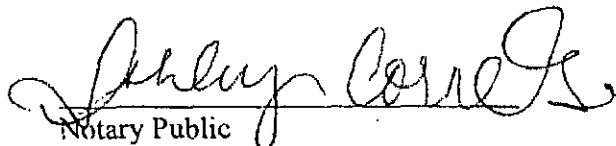
John C. Kucewicz, Jr., being duly sworn upon his oath, deposes and states that: He is a geologist for Devon Energy Production Company, L.P.; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information, and belief.



  
John C. Kucewicz, Jr.

SUBSCRIBED AND SWORN TO before me this 9 day of June, 2015 by John C. Kucewicz, Jr.

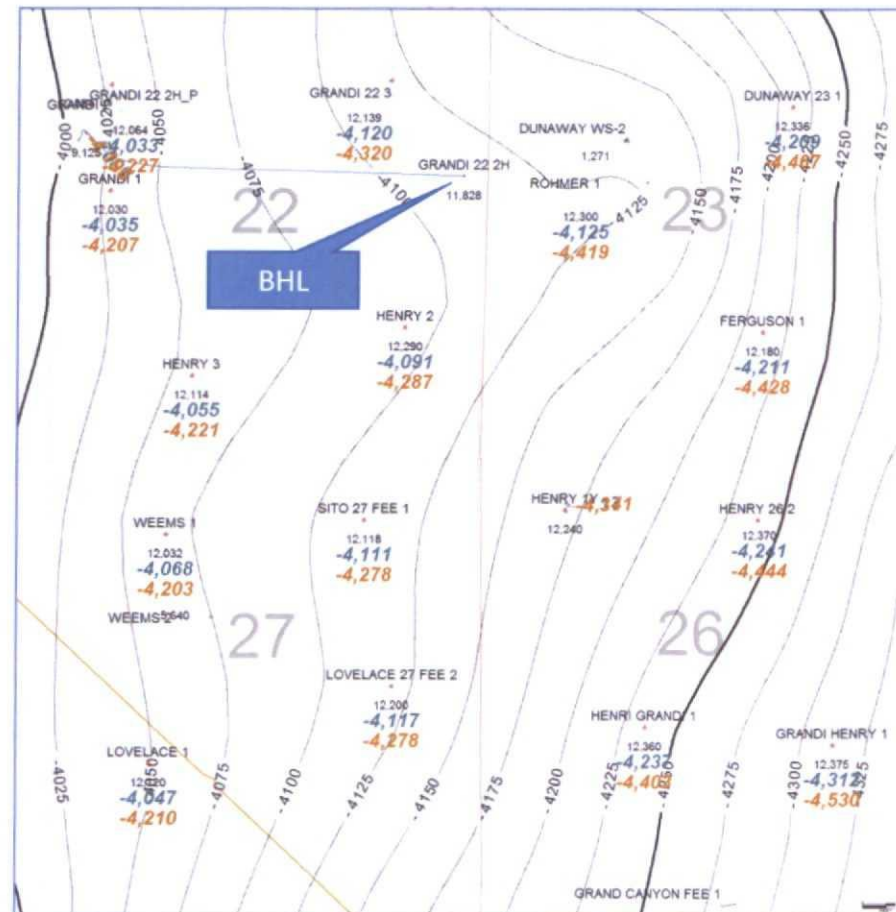
My Commission Expires: May 8, 2018

  
Notary Public

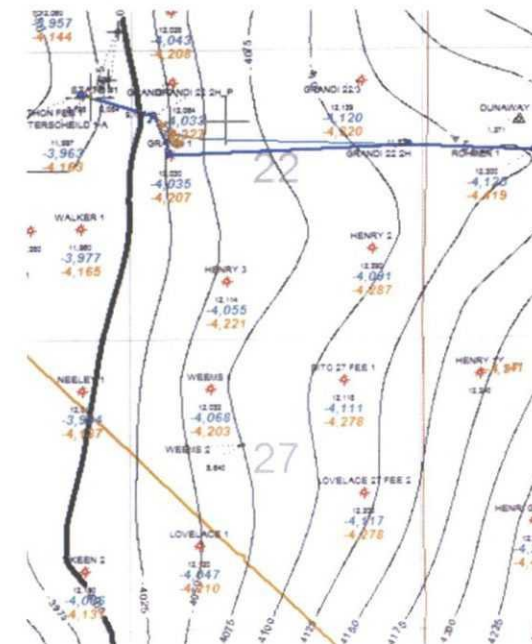
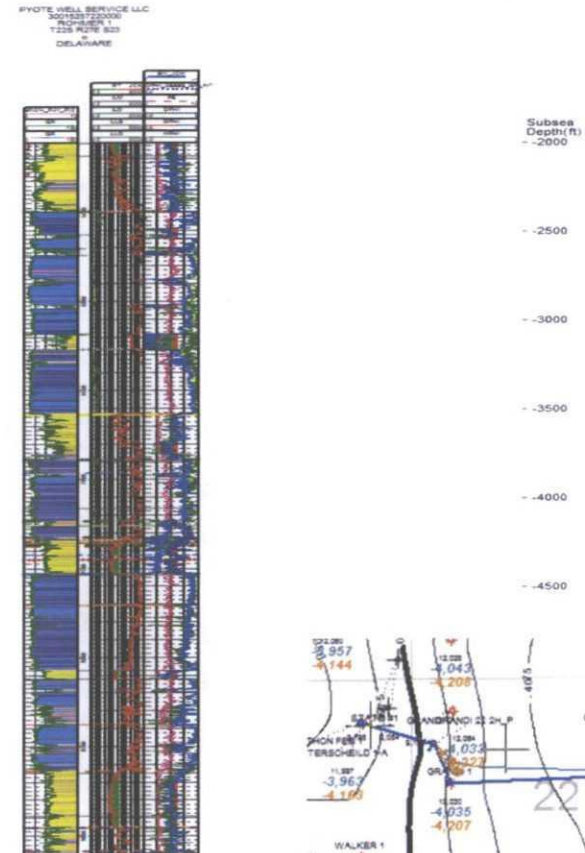
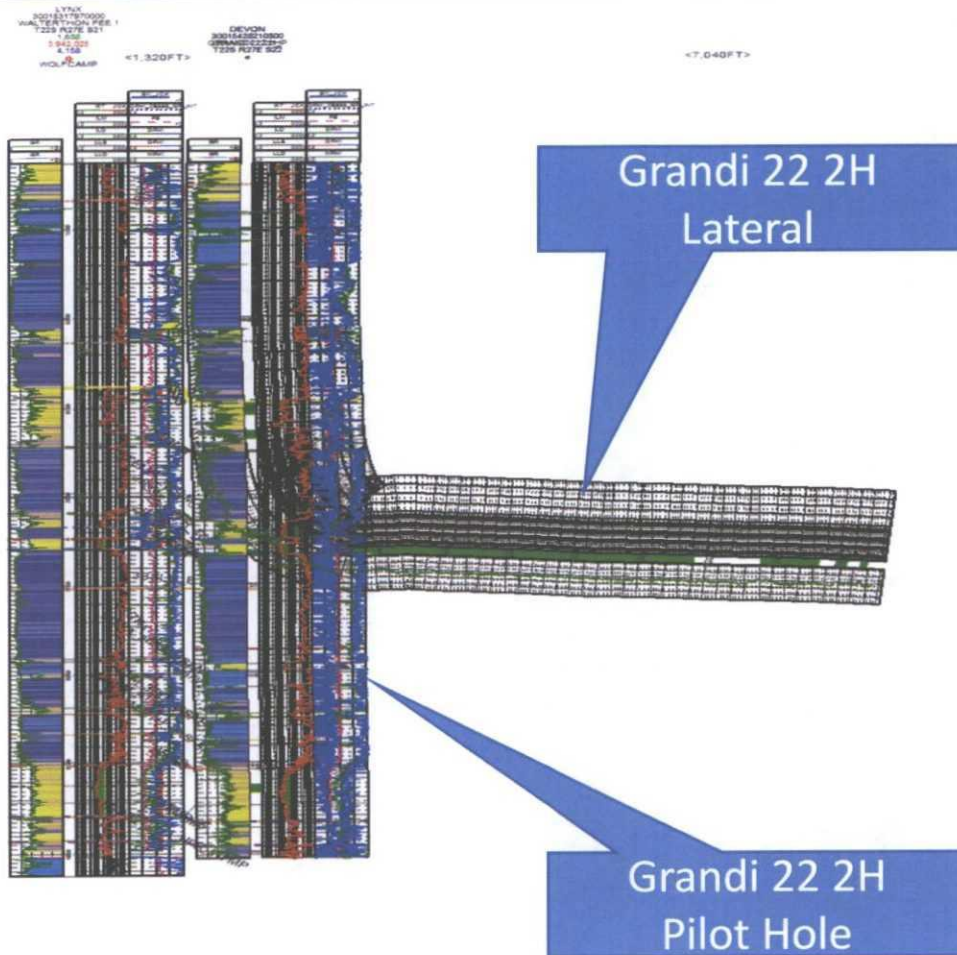
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# EST TO EAST SUBSURFACE A SECTION GRANDI 22 2H Lateral III RSSS



# DEVON ENERGY

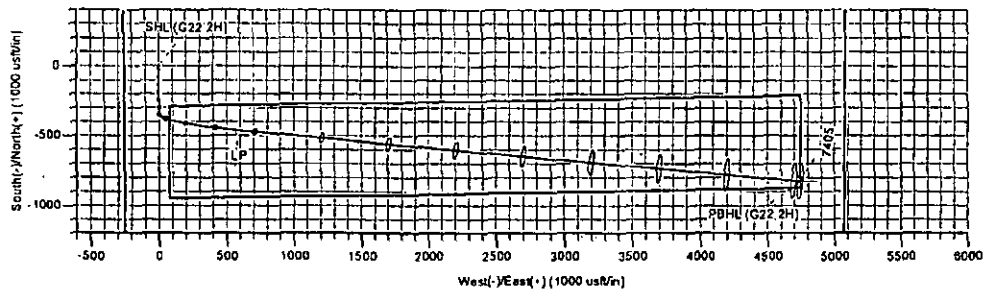
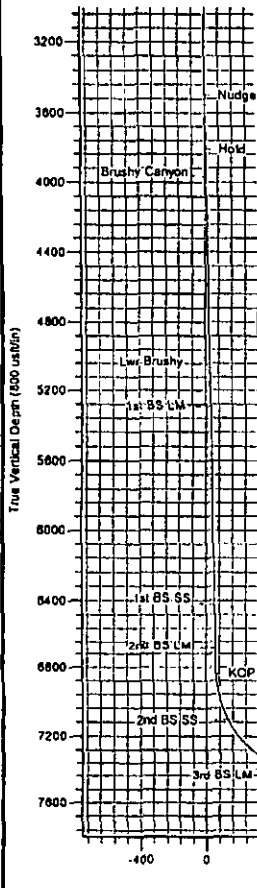
Project: Eddy County, NM (NAD-83)  
Site: Grandi 22  
Well: 2H  
Wellbore: OH  
Design: Plan #1



Azimuths to Grid North  
True North: -0.08°  
Magnetic North: 7.56°

Magnetic Field  
Strength: 48254.2nT  
Dip Angle: 60.13°  
Date: 11/13/2014  
Model: BCGM2014

devon



## DESIGN TARGET DETAILS

Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
SHL (G22 2H)	0.00	0.00	0.00	502628.06	587057.48	32° 22' 54.150 N	104° 11' 6.818 W
PBHL (G22 2H)	7405.00	-825.60	4743.02	501863.06	591800.48	32° 22' 45.812 N	104° 10' 11.520 W

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSeet	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	Nudge
3	3812.47	6.25	180.23	3811.85	-17.02	-0.07	2.00	180.23	2.85	Hold
4	6859.30	6.25	180.23	6840.58	-349.69	-1.40	0.00	0.00	58.41	KOP 10\"/>



LEAM DRILLING SYSTEMS LLC  
2010 East Davis, Conroe, Texas 77301  
Phone: 936/756-7577, Fax 936/756-7595

Plan: Plan #1 (2H G22)  
Grandi 22  
Created By: Brady Danner  
Date: 14/22/November 13 2014  
Approved: \_\_\_\_\_  
Date: \_\_\_\_\_

Attachment

C