

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources  
Oil Conservation

Form C-104  
Revised August 1, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

ARTESIA DISTRICT

Submit one copy to appropriate District Office

JUL 23 2019

AMENDED REPORT

RECEIVED

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		<sup>2</sup> OGRID Number 14744
		<sup>3</sup> Reason for Filing Code/ Effective Date NW / 06/19/2019
<sup>4</sup> API Number 30 - 015 - 44075	<sup>5</sup> Pool Name Purple Sage; Wolfcamp (Gas)	<sup>6</sup> Pool Code 98220
<sup>7</sup> Property Code 317465	<sup>8</sup> Property Name Viper 32/29 W2PI Fed Com	<sup>9</sup> Well Number 1H

II. <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	32	23S	27E		345	South	990	East	Eddy

<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	29	23S	27E		2301	South	384	East	Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code Flowing	<sup>14</sup> Gas Connection Date 04/25/19	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
35246	Shell Trading US Co. PO Box 4604 Houston, TX 77210	O
151618	Enterprise Field Services PO Box 4503 Houston, TX 77210	G

IV. Well Completion Data We are asking for an exemption from tubing at this time.

<sup>21</sup> Spud Date 03/12/19	<sup>22</sup> Ready Date 04/25/19	<sup>23</sup> TD 17285' MD	<sup>24</sup> PBTB 17259	<sup>25</sup> Perforations 10102' - 17245'	<sup>26</sup> DHC, MC NA
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17 1/2"	13 3/8"	425'	450		
12 1/4"	9 5/8"	2045'	650		
8 3/4"	7"	10255'	850		
6 1/4"	4 1/2"	9325 - 17245'	500		

V. Well Test Data

<sup>31</sup> Date New Oil 06/26/19	<sup>32</sup> Gas Delivery Date 06/19/2019	<sup>33</sup> Test Date 07/16/19	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure NA	<sup>36</sup> Csg. Pressure 1950
<sup>37</sup> Choke Size 16/64"	<sup>38</sup> Oil 60	<sup>39</sup> Water 587	<sup>40</sup> Gas 463	<sup>41</sup> Test Method Producing	

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Jackie Lathan*  
Printed name: Jackie Lathan  
Title: Regulatory  
E-mail Address: jlathan@mewbourne.com  
Date: 07/16/19 Phone: 575-393-5905

OIL CONSERVATION DIVISION  
Approved by: *Raymond W. Bredanz*  
Title: Geologist  
Approval Date: 9-13-19  
*Pending BLM approvals will subsequently be reviewed and scanned.*

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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-015-44075</b>	<sup>2</sup> Pool Code <b>98220</b>	<sup>3</sup> Pool Name <b>Purple Sage, Wolfcamp (Gas)</b>
<sup>4</sup> Property Code <b>317465</b>	<sup>5</sup> Property Name <b>VIPER 32/29 W2PI FED COM</b>	
<sup>7</sup> GRID NO. <b>14744</b>	<sup>8</sup> Operator Name <b>MEWBOURNE OIL COMPANY</b>	
		<sup>6</sup> Well Number <b>1H</b>
		<sup>9</sup> Elevation <b>3229'</b>

<sup>10</sup> Surface Location

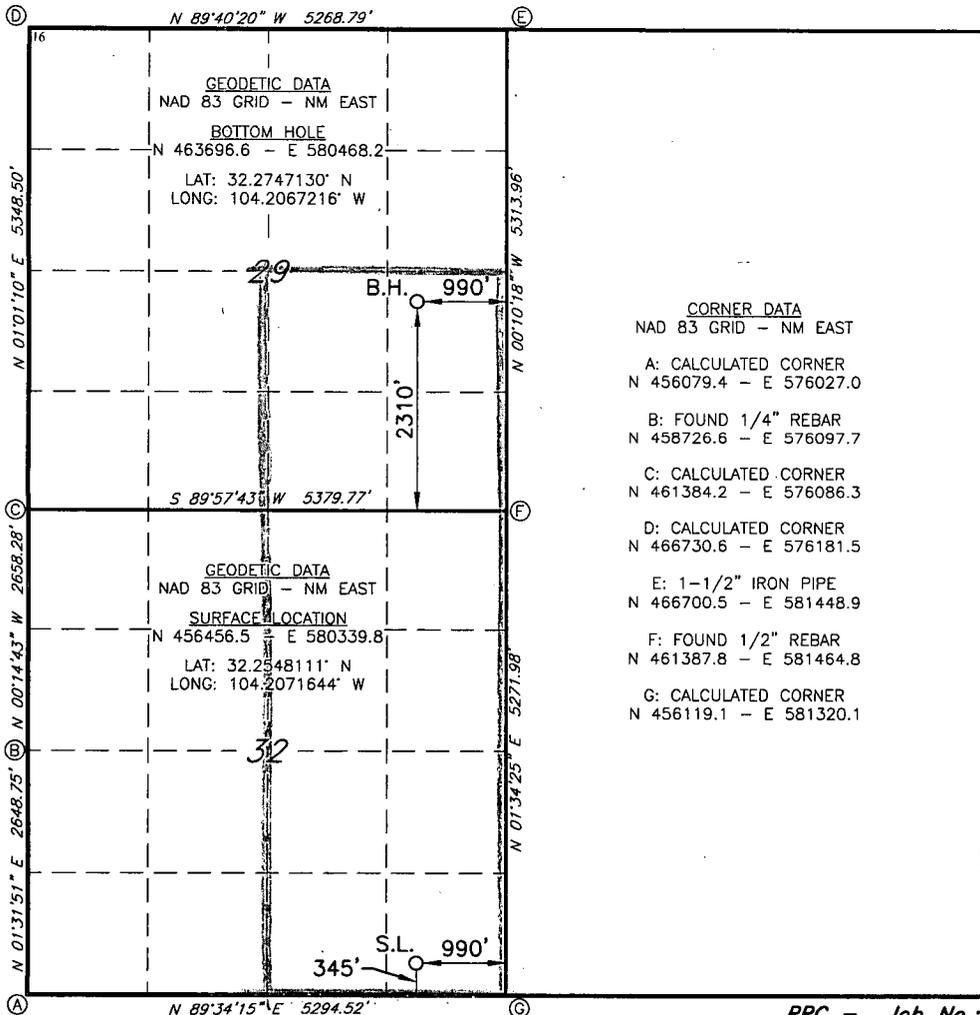
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>P</b>	<b>32</b>	<b>23S</b>	<b>27E</b>		<b>345</b>	<b>SOUTH</b>	<b>990</b>	<b>EAST</b>	<b>EDDY</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>I</b>	<b>29</b>	<b>23S</b>	<b>27E</b>		<b>2301</b>	<b>SOUTH</b>	<b>384</b>	<b>EAST</b>	<b>EDDY</b>

<sup>12</sup> Dedicated Acres <b>480</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



<sup>17</sup> OPERATOR CERTIFICATION

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.

Signature: Jackie Lathan Date: 4/26/19  
Printed Name: Jackie Lathan  
E-mail Address:

<sup>18</sup> 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.

**2-26-19**  
Date of Survey

Signature and Seal of Professional Surveyor:  
  
19680  
Certificate Number

NM OIL CONSERVATION  
ARTESIA DISTRICT

JUL 23 2019

Intent  As Drilled

RECEIVED

API # 30-015-44075		Well Number 1H
Operator Name: Mewbourne Oil Company	Property Name: Viper 32/29 W2PI Fed Com	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
P	32	23S	27E		74	FSL	468	E	Eddy
Latitude					Longitude				NAD
32° 15' 14.34" N					104° 12' 19.79" W				83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
P	32	23S	27E		419	S	438	E	Eddy
Latitude					Longitude				NAD
32° 15' 18.84" N					104° 12' 19.44" W				83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
I	29	23S	27E		2301	S	304	E	Eddy
Latitude					Longitude				NAD
32° 16' 29.00" N					104° 12' 19.51" W				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 #		Well Number
Operator Name:	Property Name:	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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.*

5. Lease Serial No.  
NMNM137020

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

8. Well Name and No.  
VIPER 32/29 W2PI FED COM 1H

9. API Well No.  
30-015-44075

10. Field and Pool or Exploratory Area  
PURPLE SAGE; WOLFCAMP

11. County or Parish, State  
EDDY COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
MEWBOURNE OIL COMPANY  
Contact: JACKIE LATHAN  
E-Mail: jlathan@mewbourne.com

3a. Address  
PO BOX 5270  
HOBBS, NM 88241  
3b. Phone No. (include area code)  
Ph: 575-393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 32 T23S R27E Mer NMP SESE 345FSL 990FEL

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Hydraulic Fracture
	<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.

4/22/19  
Frac Horizontal Bone Spring from 10102' MD (9921' TVD) to 17245' MD (10008' TVD). 1512 holes, 0.39" EHD, 120 deg phasing. Frac in 43 stages w/18,537,834 gals of SW, carrying 8,045,940# Local 100 Mesh Sand & 8,366,540#, Local 40/70 sand.

Flowback well for cleanup.

06/19/19 Put well on production. ✓ AB

We are asking for an exemption from tubing at this time.

RECEIVED

JUL 23 2019

DISTRICT 11-ARTESIA O.G.D.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #473850 verified by the BLM Well Information System  
For MEWBOURNE OIL COMPANY, sent to the Carlsbad**

Name (Printed/Typed) JACKIE LATHAN	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 07/17/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____
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 _____

PENDING BLM APPROVAL  
WILL SUBSEQUENTLY BE REVIEWED AND SIGNED.

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.

**Additional data for EC transaction #473850 that would not fit on the form**

**32. Additional remarks, continued**

Bond on file: NM1693 nationwide & NMB000919

RECEIVED

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUL 23 2019

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND APPRAISAL

5. Lease Serial No.  
NMNM137020

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
MEWBOURNE OIL COMPANY Contact: JACKIE LATHAN  
E-Mail: jlathan@mewbourne.com

8. Lease Name and Well No.  
VIPER 32/29 W2PI FED COM 1H

3. Address PO BOX 5270  
HOBBS, NM 88241

3a. Phone No. (include area code)  
Ph: 575-393-5905

9. API Well No.  
30-015-44075

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface Sec 32 T23S R27E Mer NMP SESE 345FSL 990FEL  
At top prod interval reported below Sec 32 T23S R27E Mer NMP SESE 419FSL 438FEL  
At total depth NESE 2301FSL 384FEL

10. Field and Pool, or Exploratory  
PURPLE SAGE; WOLFCAMP GAS

11. Sec., T., R., M., or Block and Survey  
or Area Sec 32 T23S R27E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
03/12/2019

15. Date T.D. Reached  
04/12/2019

16. Date Completed  
 D & A  Ready to Prod.  
06/19/2019

17. Elevations (DF, KB, RT, GL)\*  
3229 GL

18. Total Depth: MD 17285  
TVD 10009

19. Plug Back T.D.: MD 17259  
TVD 10009

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
EXEMPT FROM LOGGING

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	425		450	107	0	
12.250	9.625 HCL80	40.0	0	2045		650	188	0	
8.750	7.000 HCP110	29.0	0	10255		850	342	0	
6.750	4.500 HCP110	13.5	9325	17245		500	187	0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	8995	17285	10102 TO 17245	0.390	1512	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10102 TO 17245	18,537,834 GALS SLICKWATER CARRYING 8,085,940# LOCAL 100 MESH SAND & 8,366,540# LOCAL 40/70 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/26/2019	07/16/2019	24	▶	60.0	463.0	587.0	48.0	0.78	FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
16/64	SI	1950.0	▶	60	463	587	7716	PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas
			▶					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL		
	SI		▶					

*Pending BLM approvals will subsequently be reviewed and scanned.*

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #473857 VERIFIED BY THE BLM WELL INFO  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WOLFCAMP	8995	17285	OIL, WATER & GAS	CASTILE	862
				RAMSEY	1858
				DELAWARE	2090
				BELL CANYON	2157
				MANZANITA	3060
				BRUSHY CANYON	4316
				BONE SPRING	5567
WOLFCAMP	8995				

32. Additional remarks (include plugging procedure):  
Exempt from logging.

33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #473857 Verified by the BLM Well Information System.  
For MEWBOURNE OIL COMPANY, sent to the Carlsbad**

Name (please print) JACKIE LATHAN Title REGULATORY

Signature \_\_\_\_\_ (Electronic Submission) Date 07/17/2019

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***



COMPANY: Mewbourne Oil Company  
 WELL: Viper 32/29 W2PI Fed Com 1H  
 COUNTY: Eddy County, N.M. Nad (83)  
 DATUM: North American Datum 1983  
 RIG: Patterson 217



OFFICE: 936.582.7296

GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.99°

GEODETTIC ZONE: New Mexico Eastern Zone										
3229 +28 @ 3257.0usft (Patterson 217)										
GROUND ELEVATION: 3229.0										
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot				
0.0	0.0	456456.60	580339.80	32° 15' 17.320 N	104° 12' 25.792 W					
PLAN SECTIONS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.0	
3	787.1	4.31	121.47	786.8	-5.6	9.2	1.50	121.47	-4.7	
4	8936.5	4.31	121.47	8913.2	-325.1	531.1	0.00	0.00	-274.1	
5	9223.5	0.00	0.00	9200.0	-330.7	540.3	1.50	180.00	-278.9	B.B. Viper 32/29 W2PI Fed Com 1H
6	9420.6	0.00	0.00	9397.1	-330.7	540.3	0.00	0.00	-278.9	
7	10320.6	90.00	1.04	9970.0	242.2	550.8	10.00	1.04	292.5	
8	17320.1	90.00	1.04	9970.0	7240.5	676.2	0.00	0.00	7272.2	PBHL Viper 32/29 W2PI Fed Com #1H

SHL: 345' FSL; 990' FEL  
 Section 32-23S-27E  
 PBHL: 2310' FSL; 440' FEL  
 Section 29-23S-27E

**T G M** Azimuths to Grid North  
 True North: -0.07°  
 Magnetic North: 6.99°

Magnetic Field  
 Strength: 47710.2nT  
 Dip Angle: 59.97°  
 Date: 03/18/2019  
 Model: IGRF2015

