



**PHOENIX**

**TECHNOLOGY SERVICES USA INC.**

*Celebrating 20 Years of Focused Solutions*

3610 Elkins Road, Midland, Texas 79705 T. 432.684.0057 F. 432.686.7964 www.phxtech.com

August 14, 2017

Oil Conservation Division  
State of New Mexico  
811 S. First St.  
Artesia, New Mexico 88210

Dear District 2 - Artesia

Attention: Regulatory Department

Re: Mewbourne Oil  
Speedwagon 27 W2PA Fee #1H  
Eddy County, NM  
API #30-015-43097  
Job No. 61633

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

**AUG 21 2017**

**RECEIVED**

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced Well by Phoenix Technology Services, Inc. (P-5 No. 664171). Other information required by your office is as follows:

Name & Title of Surveyor	Drain Hole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Noe Garza	1H	0	494	8/11/17	8/11/17	Gyro

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,  
*Brittany Carley*

Brittany Carley  
Operations Administrator



**PHOENIX**  
TECHNOLOGY SERVICES

Company: Newbourne  
Well: Speedwagon 27 W2PA Fee # 1H  
Location: Eddy Co, New Mexico  
Rig: Patterson 245

Job Number: 61633  
Grid Corr.: -0.14  
Lat: 32.27  
Long: -104.07

Date: 08-11-17  
Calculation Method: Minimum Curvature  
Proposed Azimuth: 29.5  
RKB - MSL in feet: Surface  
Tie Into: \_\_\_\_\_

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)	E/W (ft)	Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
FIELD COPY, NON-DEFINITIVE													
TIE IN	0			0	0	0	0	0					
Gyro	100.00	0.86	152.92	100	100.00	-0.67	0.67 S	0.34 E	0.75	152.92	0.86	0.86	152.92
	200.00	1.28	135.10	100	199.98	-2.13	2.13 S	1.47 E	2.59	145.33	0.53	0.42	-17.82
	300.00	1.23	142.71	100	299.95	-3.77	3.77 S	2.91 E	4.76	142.35	0.17	-0.05	7.61
	400.00	1.75	139.99	100	399.92	-5.80	5.80 S	4.54 E	7.36	141.91	0.52	0.52	-2.72
	494.00	1.65	131.98	94	493.88	-7.80	7.80 S	6.47 E	10.14	140.32	0.27	-0.11	-8.52

Enter Tie-In Survey on Line 10

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

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

New Pool & code  
2-1-17

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number <b>30-015-43097</b>		2 Pool Code <b>98220</b>		3 Pool Name <b>Purple Sage Wolfcamp (Gas)</b>					
4 Property Code <b>314821</b>		5 Property Name <b>SPEEDWAGON 27 W2PA FEE</b>			6 Well Number <b>1H</b>				
7 GRID NO. <b>14744</b>		8 Operator Name <b>MEWBOURNE OIL COMPANY</b>			9 Elevation <b>3037'</b>				
10 Surface Location									
UL or lot no. <b>A</b>	Section <b>34</b>	Township <b>23S</b>	Range <b>28E</b>	Lot Idn	Feet from the <b>260</b>	North/South line <b>NORTH</b>	Feet From the <b>480</b>	East/West line <b>EAST</b>	County <b>EDDY</b>
11 Bottom Hole Location If Different From Surface									
UL or lot no. <b>A</b>	Section <b>27</b>	Township <b>23S</b>	Range <b>28E</b>	Lot Idn	Feet from the <b>330</b>	North/South line <b>NORTH</b>	Feet from the <b>500</b>	East/West line <b>EAST</b>	County <b>EDDY</b>
12 Dedicated Acres <b>320</b>	13 Joint or Infill	14 Consolidation Code	15 Order No. <b>R-14262</b>						

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.

	<p><b>16</b></p> <p>N 88°19'48" E 5274.83'</p> <p>330'</p> <p>B. H.</p> <p>500'</p> <p>N 00°31'47" W 5282.90'</p> <p>27</p> <p>N 00°44'24" W (GRID) 5340.04' (HORIZ.)</p> <p>S 00°35'36" E 5422.43'</p> <p>S 89°43'20" W 2639.99'</p> <p>S 89°45'04" W 2639.87'</p> <p>260'</p> <p>S. L.</p> <p>480'</p> <p>N 00°46'36" E 2656.52'</p> <p>34</p> <p>N 00°46'00" E 2653.36'</p> <p>S 00°32'55" E 2642.79'</p> <p>S 00°47'01" W 2677.51'</p> <p>S 89°49'05" W 2644.61'</p> <p>S 89°51'13" W 2695.42'</p>	<p><b>17 OPERATOR CERTIFICATION</b></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><i>Jackie Lathan</i> 1/30/17 Signature Date</p> <p>Jackie Lathan Printed Name</p> <p>E-mail Address</p>
	<p><b>18 SURVEYOR CERTIFICATION</b></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>1-12-2017 Date of Survey</p> <p><i>Robert M. Howett</i> Signature and Seal of Professional Surveyor</p> <p>19680 Certificate Number</p>	