

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM121940

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: MARSHALL & WINSTON INC  
Contact: SHERRY L ROBERTS  
E-Mail: sproberts@mar-win.com

8. Lease Name and Well No. GREASEWOOD FEDERAL 13 2

3. Address: P.O. BOX 50880, MIDLAND, TX 79710-0880  
3a. Phone No. (include area code): Ph: 432-684-6373

9. API Well No. 30-005-64234-01-X1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface SWSE 330FSL 1450FEL  
At top prod interval reported below SWSE 330FSL 1450FEL  
At total depth SWSE 355FSL 1675FEL

10. Field and Pool, or Exploratory ROUND TANK-SAN ANDRES  
11. Sec., T., R., M., or Block and Survey or Area Sec 13 T15S R28E Mer NMP  
12. County or Parish CHAVES  
13. State NM

14. Date Spudded 09/29/2018  
15. Date T.D. Reached 10/02/2018  
16. Date Completed  
 D & A  Ready to Prod. 12/21/2018

17. Elevations (DF, KB, RT, GL)\* 3740 GL

18. Total Depth: MD 3512 TVD  
19. Plug Back T.D.: MD 3454 TVD  
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL-THREEDTECT HRLATEROLOGARRA  
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J55	24.0	0	230		240	57	0	
<del>12.250</del>	<del>8.625 J-55</del>	<del>32.0</del>	<del>0</del>	<del>450</del>		<del>450</del>		0	
7.875	5.500 L80	17.0	0	3495		600 Total	194	0	
<del>7.875</del>	<del>5.500 J 55</del>	<del>17.0</del>	<del>0</del>	<del>3520</del>		<del>625</del>		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)
2.875	2827							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	2805	3135	2805 TO 3135	0.420	240	ALL SHOTS FIRED
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
2805 TO 3135	FRAC W/ 100 MESH - 49280#, 40/70 SAND - 334365#

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
12/21/2018	01/23/2019	24	→	39.0	26.0	242.0	34.5	0.92	ELECTRIC RUMPLING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→	39	26	242	667	Row	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						FEB 5 2019
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #453218 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

Reclamation due: 6/21/2019

ACCEPTED FOR RECORD  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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.)  
FLARED

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
QUEEN SAN ANDRES	1524 2210	1538 3512	SANDSTONE SAN ANDRES - DOLOMITE		

32. Additional remarks (include plugging procedure):  
The Electric Logs that were run on this well will be mailed today via UPS.

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 #453218 Verified by the BLM Well Information System.  
For MARSHALL & WINSTON INC, sent to the Roswell  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 02/05/2019 (19JS0038SE)**

Name (please print) TODD PASSMORE Title DRILLING ENGINEER

Signature \_\_\_\_\_ (Electronic Submission) Date 02/05/2019

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.

**Revisions to Operator-Submitted EC Data for Well Completion #453218**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Lease:	NMNM121940	NMNM121940
Agreement:		
Operator:	MARSHALL & WINSTON, INC. P. O. BOX 50880 MIDLAND, TX 79710-0880 Ph: 432-684-6373	MARSHALL & WINSTON INC P.O. BOX 50880 MIDLAND, TX 79710-0880 Ph: 432-684-6373
Admin Contact:	SHERRY L ROBERTS OPERATIONS SECRETARY E-Mail: sroberts@mar-win.com  Ph: 432-684-6373 Fx: 432-682-1316	SHERRY L ROBERTS OPERATIONS SECRETARY E-Mail: sroberts@mar-win.com  Ph: 432-684-6373 Fx: 432-682-1316
Tech Contact:	TODD PASSMORE OPERATIONS MANAGER E-Mail: tpassmore@mar-win.com Cell: 432-559-2674 Ph: 432-684-6373 Fx: 432-682-1316	TODD PASSMORE DRILLING ENGINEER E-Mail: tpassmore@mar-win.com  Ph: 432-684-6373
Well Name: Number:	GREASEWOOD FEDERAL 13 2	GREASEWOOD FEDERAL 13 2
Location: State: County: S/T/R: Surf Loc:	NM CHAVES Sec 13 T15S R28E Mer NMP SWSE 330FSL 1450FEL	NM CHAVES Sec 13 T15S R28E Mer NMP SWSE 330FSL 1450FEL
Field/Pool:	ROUND TANK - SAN ANDRES	ROUND TANK-SAN ANDRES
Logs Run:	CNL-THREE DETECTOR LITHO-DENSITY,HR LATERO	CNL-THREE DETECT HRLATEROLOGARRA
Producing Intervals - Formations:	SAN ANDRES	SAN ANDRES
Porous Zones:	QUEEN SAN ANDRES	QUEEN SAN ANDRES
Markers:		



PO Box 1370  
Artesia, NM 88211-1370  
(575) 748-1288

October 8, 2018

Marshall & Winston, Inc.  
PO Box 50880  
Midland, TX 79710-0880

RE: Greasewood Federal #2  
330' FSL & 1450' FEL  
Sec. 13, T15S, R28E  
Chaves County, New Mexico

Dear Sir,

The attached is the Deviation Survey for the above captioned well.

Very truly yours,

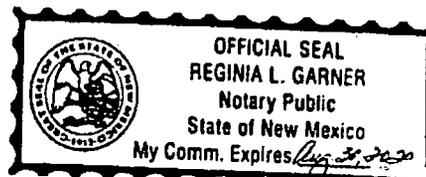
A handwritten signature in black ink, appearing to read "Chris Graham".

Chris Graham  
Operations Manager

State of New Mexico }  
County of Eddy }

*The foregoing was acknowledged before me this 8<sup>th</sup> day of October, 2018.*

A handwritten signature in black ink, appearing to read "Regina L. Garner".  
\_\_\_\_\_  
Notary Public



**Greasewood Federal #2**

<u>Date</u>	<u>Depth</u>	<u>Deviation</u>
9/29/2018	185	1.40
9/30/2018	373	0.30
10/1/2018	645	0.50
10/1/2018	864	0.30
10/1/2018	1270	0.30
10/1/2018	1746	0.80
10/1/2018	2278	0.10
10/2/2018	2674	0.50
10/2/2018	3074	1.00
10/2/2018	3432	0.40