

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.  
NMNM121940

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
GREASEWOOD FEDERAL 13 29. API Well No.  
30-005-64234-01-S110. Field and Pool or Exploratory Area  
ROUND TANK-SAN ANDRES  
UNKNOWN11. County or Parish, State  
CHAVES COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

MARSHALL &amp; WINSTON INC

Contact: SHERRY L ROBERTS

E-Mail: sroberts@mar-win.com

## 3a. Address

P.O. BOX 50880  
MIDLAND, TX 79710-0880

## 3b. Phone No. (include area code)

Ph: 432-684-6373  
Fx: 432-682-1316

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 13 T15S R28E SWSE 330FSL 1450FEL

**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
	<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 recompleat 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 recompleat 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.

Radius of exposure of H2S per Onshore Oil and Gas Order #6.III.C.2

Volume Gas: 23,702 SCF/Day  
H2S Conc.: 500 ppm ROE - 12.12 feet  
100 ppm ROE - 26.52 feet

Please see the attached H2S Radius of Exposure Report and a Gas Analysis.

Accepted 05/27/2020 - KMS NMOCD

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

Electronic Submission #516603 verified by the BLM Well Information System

For MARSHALL &amp; WINSTON INC, sent to the Roswell

Committed to AFMSS for processing by JENNIFER SANCHEZ on 05/27/2020 (20JS0121SE)

Name (Printed/Typed) TODD PASSMORE

Title OPERATIONS MANAGER

Signature (Electronic Submission)

Date 05/26/2020

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**Approved By **ACCEPTED**JENNIFER SANCHEZ  
Title PETROLEUM ENGINEER

Date 05/27/2020

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 Roswell

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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

## Revisions to Operator-Submitted EC Data for Sundry Notice #516603

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	OTHER SR	OTHER SR
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 Fx: 432-682-1316
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 OPERATIONS MANAGER E-Mail: tpassmore@mar-win.com Cell: 432-894-0165 Ph: 432-684-6373 Fx: 432-682-1316
Location:		
State:	NM	NM
County:	CHAVES	CHAVES
Field/Pool:	ROUND TANK; SAN ANDRES	ROUND TANK-SAN ANDRES UNKNOWN
Well/Facility:	GREASEWOOD FEDERAL 13 2 Sec 13 T15S R28E Mer NMP SWSE 330FSL 1450FEL 33.009539 N Lat, 104.081433 W Lon	GREASEWOOD FEDERAL 13 2 Sec 13 T15S R28E SWSE 330FSL 1450FEL

Marshall and Winston

Greasewood Fed 13-2

H2S Radius of Exposure

100 PPM Radius of Exposure (Feet)	26.52279
H2S Concentration (decimal of moles)	0.005
Maximum Volume of Gas (SCFD)	23702

500 PPM Radius of Exposure (Feet)	12.11994
H2S Concentration (decimal of moles)	0.005
Maximum Volume of Gas (SCFD)	23702

**Inficon Micro GC Fusion F08904 R03RR2**

	Sample Information
Sample Name	Marshall&Winston__Grease Wood Federal 13 2__GC1-11819-01
Station Number	2685009
Lease Name	Grease Wood Federal 13 2
Analysis For	Marshall & Winston
Producer	Marshall & Winston
Field Name	N/A
County/State	Chaves,NM
Frequency/Spot Sample	Spot
Sampling Method	Fill Empty
Sample Deg F	66.7
Atmos Deg F	64.2
Flow Rate	0
Line PSIG	26.4
Date/Time Sampled	1-17-19
Cylinder Number	N/A
Cylinder Clean Date	N/A
Sampled By	Cameron Rivera
Analysis By	Pat Silvas
Verified/Calibration Date	1-15-19
Report Date	2019-01-18 08:04:00

**Component Results**

Component Name	Ret. Time	Peak Area	Norm%	PPMV	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	22.300	33823.8	6.71228	67122.800	0.000
H2S	46.000	0.0	0.50412	5041.200	0.000
Methane	23.220	214527.2	54.74161	547416.100	0.000
Carbon Dioxide	26.820	37374.6	6.21481	62148.100	0.000
Ethane	36.680	100742.5	15.37289	153728.900	4.131
Propane	77.980	88766.9	10.09099	100909.900	2.793
i-butane	28.740	80106.3	1.18388	11838.800	0.389
n-Butane	30.280	204644.9	2.91401	29140.100	0.923
i-pentane	35.380	58204.0	0.70310	7031.000	0.258
n-Pentane	37.460	55942.6	0.65779	6577.900	0.240
Hexanes Plus	120.000	78490.0	0.90452	9045.200	0.394
Total:			100.00000	1000000.000	9.129

**Results Summary**

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	99.18286	
Pressure Base (psia)	14.730	
Temperature Base	60.00	
Gross Heating Value (BTU / Ideal cu.ft.)	1316.3	1293.4
Gross Heating Value (BTU / Real cu.ft.)	1323.0	1300.6
Relative Density (G), Ideal	0.9210	0.9158
Relative Density (G), Real	0.9253	0.9205
Compressibility (Z) Factor	0.9950	0.9945