

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

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Marshall & Winston, Inc. P. O. Box 50880 Midland, TX 79710-0880		² OGRID Number 14187
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 005-64234	⁵ Pool Name Round Tank - San Andres	⁶ Pool Code 52770
⁷ Property Code 328446	⁸ Property Name Greenswood Federal 13	⁹ Well Number 2

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
	13	15S	28E		330	South	1450	East	Chaves

¹¹ 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
0	13	15S	28E		330	South	1450	East	Chaves
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
278421	Holly Transportation 1602 W. Main Artesia, NM 88210	O
NM OIL CONSERVATION ARTESIA DISTRICT		
FEB 07 2019		
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IV. Well Completion Data

²¹ Spud Date 09/29/18	²² Ready Date 12/21/18	²³ TD 3512'	²⁴ PBDT 3454'	²⁵ Perforations 2805-3135'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12.250	8.625	230'	240 - cur		
7.875	5.500	3495'	600 660 SL - cur		
	2.875	2827'			

V. Well Test Data

³¹ Date New Oil 12/21/18	³² Gas Delivery Date N/A	³³ Test Date 01/23/19	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 39	³⁹ Water 242	⁴⁰ Gas 26		⁴¹ Test Method P
⁴² 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: <i>Todd Passmore</i>			OIL CONSERVATION DIVISION Approved by: <i>Buster Klen</i> Title: <i>Business Ops Spec A</i> Approval Date: <i>2-11-2019</i>		
Printed name: Todd Passmore			Title: Operations Manager		
E-mail Address: tpassmore@mar-win.com			Approval Date: 2-11-2019		
Date: 02/06/19		Phone: 432-684-6373		Pending BLM approvals will subsequently be reviewed and scanned	

**NM OIL CONSERVATION
ARTESIA DISTRICT**

FEB 07 2019

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM121940		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator MARSHALL & WINSTON INC			8. Lease Name and Well No. GREASEWOOD FEDERAL 13 2		
Contact: SHERRY L ROBERTS E-Mail: sroberts@mar-win.com			7. Unit or CA Agreement Name and No.		
3. Address P.O. BOX 50880 MIDLAND, TX 79710-0880			9. API Well No. 30-005-64234-01-X1		
3a. Phone No. (include area code) Ph: 432-684-6373			10. Field and Pool, or Exploratory ROUND TANK-SAN ANDRES		
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			11. Sec., T., R., M., or Block and Survey or Area Sec 13 T15S R28E Mer NMP		
14. Date Spudded 09/29/2018			15. Date T.D. Reached 10/02/2018 <i>RR 10-6-18</i>		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/21/2018			17. Elevations (DF, KB, RT, GL)* 3740 GL		
18. Total Depth: MD TVD 3512		19. Plug Back T.D.: MD TVD 3454		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL-THREDETECT HRLATEROLOGARRA			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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
12.250	8.625 J-55	24.0	0	230		240	67	0	
7.875	5.500 L-80	17.0	0	3495		600	194	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

26. Perforation Record

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 - 334385#

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	28.0	242.0	34.5	0.82	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→	39	28	242	667	POW	

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		
			→						

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

ELECTRONIC SUBMISSION #453218 VERIFIED BY THE BLM WELL INFORMATION SYSTEM.
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM R

Pending BLM approvals will
subsequently be reviewed
and scanned
2-11-19
JED

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	Thg. Press Flwg. SI	Cog. 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	Thg. Press Flwg. SI	Cog. 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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

**NM OIL CONSERVATION
ARTESIA DISTRICT**

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 07 2019

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.*

RECEIVED

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM121940
2. Name of Operator MARSHALL & WINSTON INC		6. If Indian, Allottee or Tribe Name
Contact: SHERRY L ROBERTS E-Mail: sroberts@mar-win.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address P.O. BOX 50880 MIDLAND, TX 79710-0880	3b. Phone No. (include area code) Ph: 432-684-6373 Fx: 432-682-1316	8. Well Name and No. GREASEWOOD FEDERAL 13 2
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 13 T15S R28E SWSE 330FSL 1450FEL		9. API Well No. 30-005-64234-01-X1
		10. Field and Pool or Exploratory Area ROUND TANK-SAN ANDRES
		11. County or Parish, State CHAVES COUNTY, NM

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 recomple 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.

12/15/18 - 12/22/18

RU WL & perf // 2805-3135' (240 holes, .42"). MIRU ProPetro & frac stage #1 & #2 (100 Mesh Sand - 49280#, 40/70 Sand - 334365#, BLWTR 11111). Unable to frac stage #3. Drill out kill plug #1 @ 2746', plug #2 @ 2896', plug #3 @ 3058'. Run Sonic Log from 3400-1900'. TAC @ 2696', SN @ 2827'. BP @ 2980'. RIH with pump & rods. Space out & hang well on. Put well on line 12/21/18. Gas will be flared. FINAL REPORT.

**Accepted For Record
NMOCD**

2-11-19

14. I hereby certify that the foregoing is true and correct. Electronic Submission #452920 verified by the BLM Well Information System For MARSHALL & WINSTON INC, sent to the Roswell Committed to AFMSS for processing by JENNIFER SANCHEZ on 02/04/2019 (19JS0036SE)	
Name (Printed/Typed) TODD PASSMORE	Title DRILLING ENGINEER
Signature (Electronic Submission)	Date 02/01/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	(BLM Approver Not Specified)	Date 02/04/2019
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 ****