

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

Form 3160-4  
(August 2007)

SEP 26 2019

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NMOC**  
**Artesia**

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM121949

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  
MARSHALL & WINSTON INC  
Contact: SHERRY L. ROBERTS  
E-Mail: sroberts@mar-win.com

8. Lease Name and Well No.  
HI BOB FEDERAL 1H

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

9. API Well No.  
30-005-64331-00-X1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 8 T15S R29E Mer NMP  
At surface SWSE 330FSL 1910FEL 33.023994 N Lat, 104.048204 W Lon  
Sec 17 T15S R29E Mer NMP  
At top prod interval reported below SWSE 53FSL 2001FEL 33.008816 N Lat, 104.048543 W Lon  
Sec 17 T15S R29E Mer NMP  
At total depth SWSE 53FSL 2001FEL 33.008160 N Lat, 104.048543 W Lon

10. Field and Pool, or Exploratory  
ROUND TANK-SAN ANDRES

11. Sec., T., R., M., or Block and Survey  
or Area Sec 8 T15S R29E Mer NMP

12. County or Parish  
CHAVES  
13. State  
NM

14. Date Spudded  
05/23/2019  
15. Date T.D. Reached  
06/09/2019  
16. Date Completed  
☐ D & A ☒ Ready to Prod.  
08/06/2019

17. Elevations (DF, KB, RT, GL)\*  
3802 GL

18. Total Depth: MD 8532  
TVD 3262  
19. Plug Back T.D.: MD 8509  
TVD 3262  
20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
E-LOGS  
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
17.500	13.375	48.0		230		250		0	
12.250	9.625	40.0		1274		520		0	
8.750	7.000	26.0		2704		1900			
8.750	5.500	17.0		8532		320		28	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
3.500	2670							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3682	8480	3682 TO 8480	0.420	520	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3682 TO 8480	97898 GALS ACID, 480060 LBS 40-70 SAND, 4328762 LBS 20-40 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
08/06/2019	09/18/2019	24	→	118.0	45.0	2334.0	34.1	0.95	OTHER
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	Production Method
WO	SI	61.0	→	118	45	2334	381	POW	

28a. Production - Interval B

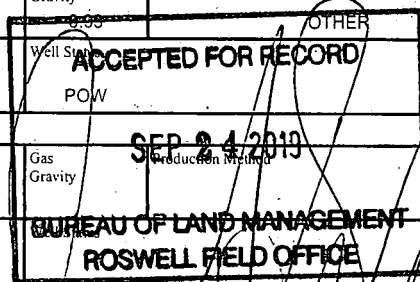
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	Production Method
	SI		→						

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

ELECTRONIC SUBMISSION #484769 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due: 02/06/2020



## 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	1512 2360	1534 8532	SANDSTONE DOLOMITE, ANHYDRITE		

## 32. Additional remarks (include plugging procedure):

## 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 #484769 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 09/24/2019 (19JS0141SE)

Name (please print) SHERRY L. ROBERTSTitle OPERATIONS SECRETARYSignature (Electronic Submission)Date 09/24/2019

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 \*\***

# Revisions to Operator-Submitted EC Data for Well Completion #484769

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM121949	NMNM121949
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:	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
Well Name: Number:	HI BOB FEDERAL 1H	HI BOB FEDERAL 1H
Location: State: County: S/T/R: Surf Loc:	NM CHAVES Sec 8 T15S R29E Mer NMP SWSE Lot O 330FSL 1910FEL 33.023994 N Lat, 104.048204 W Lon	NM CHAVES Sec 8 T15S R29E Mer NMP SWSE Lot O 330FSL 1910FEL 33.023994 N Lat, 104.048204 W Lon
Field/Pool:	ROUND TANK; SAN ANDRES	ROUND TANK-SAN ANDRES
Logs Run:	E-LOGS	E-LOGS
Producing Intervals - Formations:	SAN ANDRES	SAN ANDRES
Porous Zones:	QUEEN SAN ANDRES	QUEEN SAN ANDRES
Markers:		