

**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. SI	Csg. Press. SI	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. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	Production Method
	SI		→						

**ACCEPTED FOR RECORD**  
**SEP 24 2019**  
**BUREAU OF LAND MANAGEMENT**  
**ROSWELL FIELD OFFICE**

(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 & WINSTON INC, sent to the Roswell  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 09/24/2019 (19JS0141SE)

Name (please print) SHERRY L. ROBERTS Title OPERATIONS SECRETARY

Signature \_\_\_\_\_ (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 \*\***

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:		