

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

NM OIL CONSERVATION  
ARTESIA DISTRICT

Form C-104  
Revised August 1, 2011

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

SEP 25 2019

Submit one copy to appropriate District Office

RECEIVED

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Marshall & Winston, Inc. P. O. Box 50880 Midland, TX 79710-0880		<sup>2</sup> OGRID Number 14187
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30 - 005-64331	<sup>5</sup> Pool Name Round Tank; San Andres	<sup>6</sup> Pool Code 52770
<sup>7</sup> Property Code 325167	<sup>8</sup> Property Name Hi Bob Federal	<sup>9</sup> Well Number 1H

II. <sup>10</sup> Surface Location

UL or lot no. O	Section 8	Township 15S	Range 29E	Lot Idn	Feet from the 330	North/South Line South	Feet from the 1910	East/West line East	County Chaves
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<sup>11</sup> Bottom Hole Location

UL or lot no O	Section 17	Township 15S	Range 29E	Lot Idn	Feet from the 53	North/South line South	Feet from the 2001	East/West line East	County Chaves
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date Not connected	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
278421	Holly Transportation 1602 W. Main Artesia, NM 88210	O
221115	Frontier Field Services, LLC 2002 Timberloch Place, Suite 110 The Woodlands, TX 77380	G

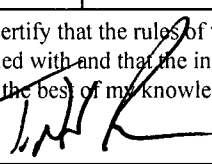
IV. Well Completion Data

<sup>21</sup> Spud Date 05/23/19	<sup>22</sup> Ready Date 08/06/19	<sup>23</sup> TD 8532'	<sup>24</sup> PBTD 8509'	<sup>25</sup> Perforations 8480-3682'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17 1/2"	13 3/8"	230.27'	250 sx C		
12 1/4"	9 5/8"	1274'	520 sx C		
8 3/4"	5 1/2" & 7"	8532.58'/2704.97'	2220 sx C		
	3 1/2"	2670'			

V. Well Test Data

<sup>31</sup> Date New Oil 08/06/2019	<sup>32</sup> Gas Delivery Date Not Connected	<sup>33</sup> Test Date 09/18/2019	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 94	<sup>36</sup> Csg. Pressure 61
<sup>37</sup> Choke Size WO	<sup>38</sup> Oil 118	<sup>39</sup> Water 2334	<sup>40</sup> Gas 45		<sup>41</sup> Test Method P

<sup>42</sup> 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: 

Printed name:  
Todd Passmore

Title:  
Operations Manager

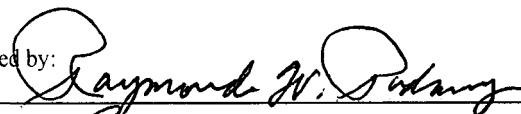
E-mail Address:  
tpassmore@mar-win.com

Date:  
09/24/2019

Phone:  
432-684-6373

OIL CONSERVATION DIVISION

Approved by:



Title:

Geologist

Approval Date:

9-27-19

Pending BLM approvals will  
subsequently be reviewed and  
scanned.

SEP 25 2019

**DISTRICT I**  
1025 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6181 Fax: (575) 393-6723

**DISTRICT II**  
611 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**DISTRICT III**  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**DISTRICT IV**  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 478-3455 Fax: (505) 478-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

**OIL CONSERVATION DIVISION**

1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

**RECEIVED**

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-005-64331	Pool Code 52770	Pool Name Round Tank; San Andres
Property Code 325167	Property Name HI BOB FEDERAL	Well Number 1H
GRID No. 14187	Operator Name MARSHALL & WINSTON INC.	Elevation 3802.3'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	8	15-S	29-E		330	SOUTH	1910	EAST	CHAVES

**Bottom Hole Location If Different From Surface**

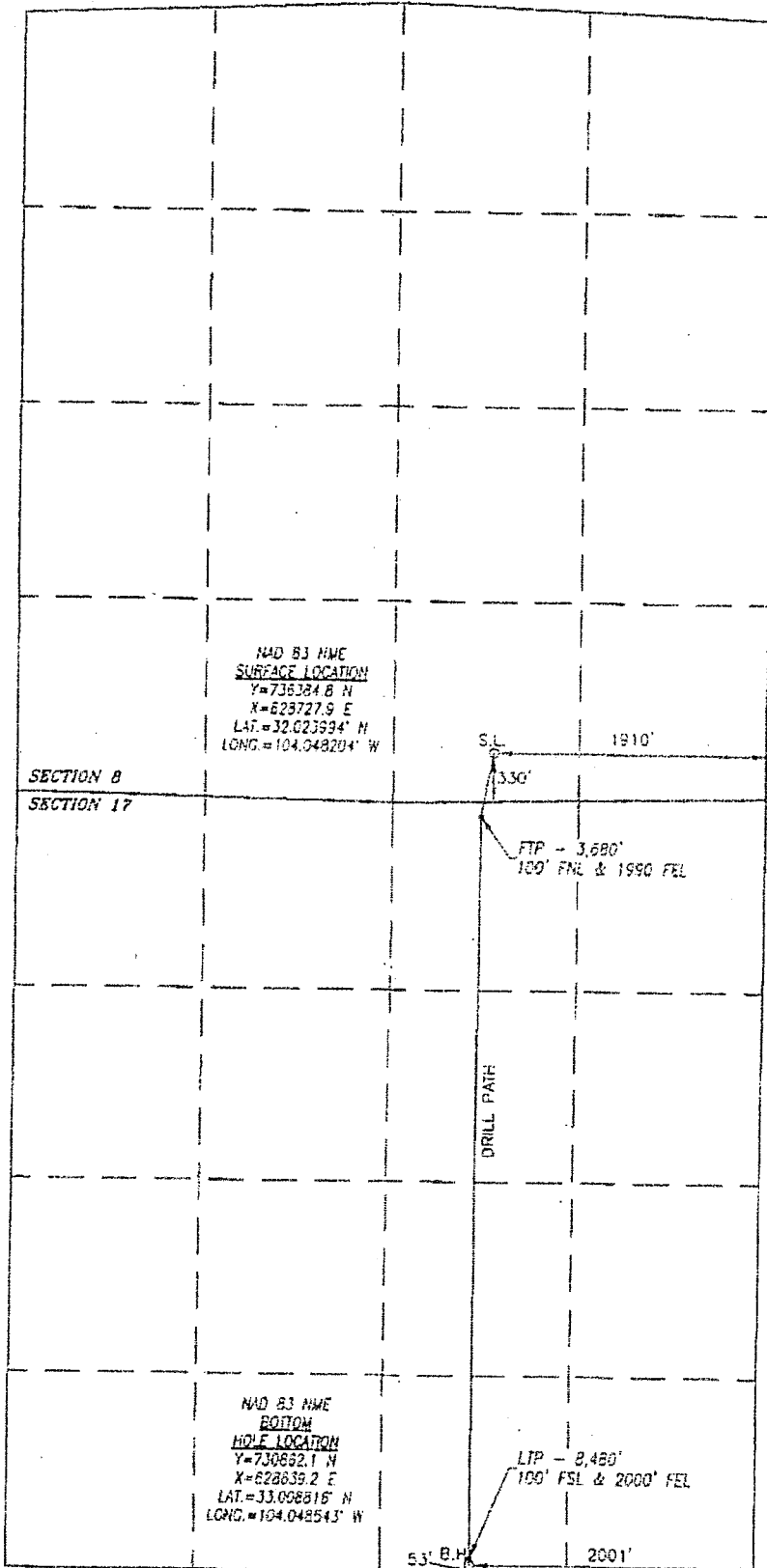
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	17	15-S	29-E		53	SOUTH	2001	EAST	CHAVES

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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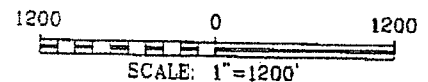
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 325167	Property Name HI BOB FEDERAL	Well Number 1H
OGRID No. 14187	Operator Name MARSHALL & WINSTON INC.	Elevation 3802.3'



BOREPATH SHOWN HEREON IS BASED ON  
DIRECTIONAL SURVEY REPORT PROVIDED BY  
MARSHALL & WINSTON INC. FOR THE HI BOB  
FEDERAL 1H SUPPLIED TO HARCROW  
SURVEYING, LLC ON JUNE 19, 2019



#### OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*[Signature]*

08/29/19

Signature

Date

Todd Passmore

Printed Name

tpassmore@mar-win.com

E-mail Address

#### SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

JUNE 27, 2018/SEPT. 25, 2018

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



*[Signature]* 8/28/19

Certificate No. CHAD HARCROW

17777

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

5. Lease Serial No.  
NMNM121949

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 8 T15S R29E Mer NMP  
At surface SWSE Lot O 330FSL 1910FEL 33.023994 N Lat, 104.048204 W Lon  
Sec 17 T15S R29E Mer NMP  
At top prod interval reported below SWSE Lot O 53FSL 2001FEL 33.008816 N Lat, 104.048543 W Lon  
Sec 17 T15S R29E Mer NMP  
At total depth SWSE Lot O 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 Sk. & 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	0.93	OTHER
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
WO	94	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	
			→						

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

ELECTRONIC SUBMISSION #484769 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

Pending BLM approvals will  
subsequently be reviewed and  
scanned.

## 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**

Name (please print) SHERRY L. ROBERTSTitle 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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***



NM OIL CONSERVATION  
ARTESIA DISTRICT

SEP 25 2019

RECEIVED

September 24, 2019

State of New Mexico  
Oil Conservation Division  
811 South First Street  
Artesia, NM 88210

Attn: Mr. Raymond Podany

Re: Form C-104 (Request for Allowable and Authorization to Transport)  
Hi Bob Federal #1H  
Chaves County, New Mexico

Dear Mr. Podany:

Please find enclosed for your approval a Form C-104 (Request for Allowable and Authorization to Transport) for the referenced new well.

Also enclosed is a copy of the following:

BLM Form 3160-4 (Well Completion Report) – not approved yet, but submitted 09/24/19  
BLM Form 3160-5 (Sundry Notice) – approved “as drilled” C-102  
OCD Form C-104 (Request for Allowable) – approved by you on 08/15/19, but initialed by me for  
incorrect Reason for Filing Code

Should you have any questions regarding this matter, please email me at [sroberts@mar-win.com](mailto:sroberts@mar-win.com) or call me at the phone number provided below.

Sincerely,

A handwritten signature in black ink that reads 'Sherry Roberts'. The signature is written in a cursive, flowing style.

Sherry Roberts  
Operations Secretary

/sr

Enclosures