



U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

02/08/2022

Accepted for record – NMOCD gc 2/16/2022

### Notice of Intent

**Sundry ID:** 2654754

**Type of Submission:** Notice of Intent

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 02/03/2022

**Time Sundry Submitted:** 02:12

**Date proposed operation will begin:** 02/15/2022

**Procedure Description:** Marshall & Winston respectfully requests permission to plug and abandon this well as follows:  
Plug 1: Set CIBP at 2730'. Cap with 25 sacks cement. Tag plug. Plug 2: 2210-2110' - 25 sacks cement. Plug 3: 1524-1424 - 25 sacks cement. Plug 4: 280-0' - 30 sacks cement - verify cement is at surface. All cement plugs will be Class C or Class H (14.8#/16.4). Heavy mud will be placed between all plugs. Install dry hole marker. Notify BLM-Roswell (575-622-5335) 24 hours prior to commencing plugging operations.

### Surface Disturbance

**Is any additional surface disturbance proposed?:** No

### NOI Attachments

#### Procedure Description

After\_Diagram\_20220203141152.pdf

Before\_Diagram\_20220203141140.pdf

Plugging\_Plan\_20220203141116.docx

### Conditions of Approval

#### Specialist Review

General\_Conditions\_of\_Approval\_20220208070716.pdf

Conditions\_of\_Approval\_20220208070716.pdf

**Operator Certification**

*I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.*

**Operator Electronic Signature:** RUSTY KLEIN**Signed on:** FEB 03, 2022 02:10 PM**Name:** MARSHALL & WINSTON INCORPORATED**Title:** Permit Agent**Street Address:** PO BOX 1491**City:** ARTESIA**State:** NM**Phone:** (575) 703-6412**Email address:** RUSTYKLEIN4@GMAIL.COM**Field Representative****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Email address:****BLM Point of Contact****BLM POC Name:** JENNIFER SANCHEZ**BLM POC Phone:** 5756270237**Disposition:** Approved**Signature:** Jennifer Sanchez**BLM POC Title:** Petroleum Engineer**BLM POC Email Address:** j1sanchez@blm.gov**Disposition Date:** 02/08/2022

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021**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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**MARSHALL & WINSTON INCORPORATED**3a. Address **6 Desta Drive, Suite 3100, Midland, TX 79705**3b. Phone No. (include area code)  
**(432) 684-6373**

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

8. Well Name and No. **GREASEWOOD FEDERAL 13/2**9. API Well No. **3000564234**

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

**SEC 13/T15S/R28E/NMP**10. Field and Pool or Exploratory Area  
**Midway Sunset/ROUND TANK-SAN ANDRES**

11. Country or Parish, State

**CHAVES/NM****12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 detennined that the site is ready for final inspection.)

Marshall & Winston respectfully requests permission to plug and abandon this well as follows:

Plug 1: Set CIBP at 2730'. Cap with 25 sacks cement. Tag plug.

Plug 2: 2210-2110' - 25 sacks cement.

Plug 3: 1524-1424 - 25 sacks cement.

Plug 4: 280-0' - 30 sacks cement - verify cement is at surface.

All cement plugs will be Class C or Class H (14.8#/16.4). Heavy mud will be placed between all plugs. Install dry hole marker.

Notify BLM-Roswell (575-622-5335) 24 hours prior to commencing plugging operations.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

**RUSTY KLEIN / Ph: (575) 703-6412**

Permit Agent

Title

Signature

Date

**02/03/2022****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

**JENNIFER SANCHEZ / Ph: (575) 627-0237 / Approved**

Petroleum Engineer

Title

Date **02/08/2022**

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)



## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

**AUTHORITY:** 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

**PRINCIPAL PURPOSE:** The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

**ROUTINE USES:** Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

**EFFECT OF NOT PROVIDING THE INFORMATION:** Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240



## Additional Information

### Location of Well

0. SHL: SWSE / 330 FSL / 1450 FEL / TWSP: 15S / RANGE: 28E / SECTION: 13 / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

PPP: SWSE / 330 FSL / 1450 FEL / TWSP: 15S / RANGE: 28E / SECTION: 13 / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

BHL: SWSE / 355 FSL / 1675 FEL / TWSP: 15S / RANGE: 28E / SECTION: 13 / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

**MARSHALL & WINSTON, INC.**  
**Greasewood Federal 13 #2**  
**30-005-64234**  
**Section 13-T15S-R28E**  
**Chaves County, New Mexico**

**TD 3512'; PBTD 3454'**

**CASING DETAIL:**

**8-5/8" 24# casing set at 230' with 240 sacks cement – circulated to surface**  
**5-1/2" 17# casing set at 3495' with 660 sacks cement – circulated to surface**

**LOG TOPS:**

**Yates 773'**  
**Queen – 1524'**  
**San Andres – 2210'**

**Plugs to be set in well:**

**Plug #1: Set a CIBP at 2730' and cap with 25 sacks cement. Tag plug.**  
**Plug #2: 2210-2110' – 25 sacks cement**  
**Plug #3: 1524-1424' – 25 sacks cement**  
**Plug #4: 280-0' – 30 sacks cement – Verify cement is at surface**

**All cement plugs will be Class C or Class H – 14.8#/16.4#**

**Heavy mud will be placed between all plugs.**

WELLBORE SCHEMATIC			SECTION COMMENTS		Survey x,y Coordinates	
Hole Size	Formation	MD	TVD	Dev deg	Pre-Drill Prognosis	
KB	3,754.0 feet				Daily Reports in by 06:30	SHL x: 624644.60
Ground	3,741.0 feet				Todd Passmore	y: 973775.20
Csg Flng	3,741.0 feet				Cell: 432-894-0165	BHL x: 624644.60
					<a href="mailto:tpassmore@mer-win.com">tpassmore@mer-win.com</a>	y: 973775.20
					Possible loss circulation	Mud
					* CEMENT TO SURFACE *	Scoop sticks to reduce bailing
						LCM Sweep prior to casing
Int TOC	215	215			8.625in, 24 lb, J55, STC	Drill out w/BW
Surf					0' 0.0	
					Tight hole on trips	Sweep every 90'
		773				
		0				
		1,503				
		2,193			Potential H2S in San Andres	
Prod TOC					7-7/8 PDC, Motor, roller reamer 30/60	
Surf						
					Drill with caution, be prepared to mud up if gas	
					increases. Circ bottom up before survey.	
					Gas, Pore pressure increasing	
Tail						Control seepage w/ paper and
1500'						LCM sweeps

## Greasewood #2

Marshall &amp; Winston, Inc.

API No: 30-005-64234

Permit: 0

AFE #: N/A

Surface: 330' FSL &amp; 1450' FEL, Sec 13, T-15-S, R-28-E

Bottom Hole: 330' FSL &amp; 1450' FEL, Sec 13, T-15-S, R-28-E

Contractor: Silver Oak

Chaves County

San Andres

Date: 1-Aug-18

Current Wellbore:




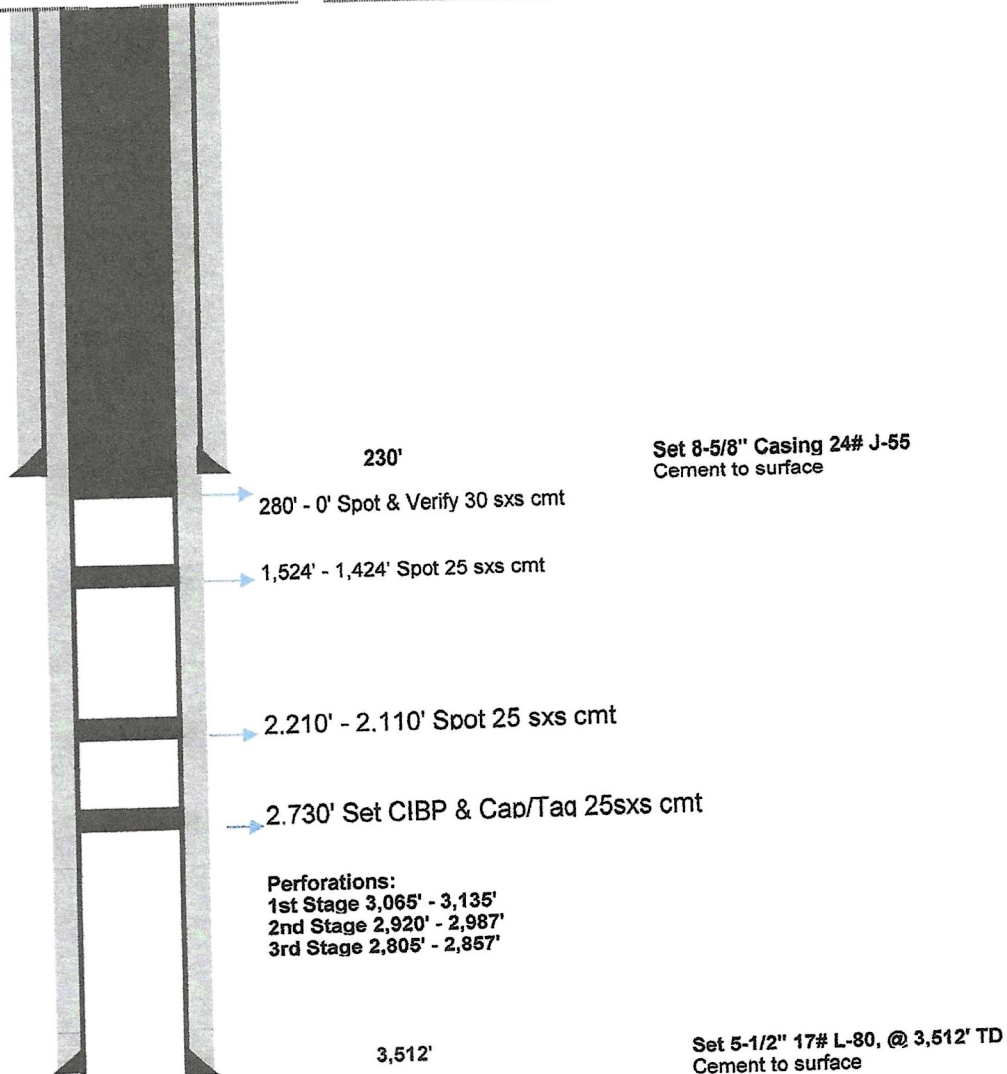
Logs		Wiper trip prior to Casing Operations	
Open Hole Logs + SW Cores		3495	3495
Cased Hole CN/GR/RCBL	Production Casing	3512	7810 3454'
Cased Hole GYRO			0' 0.0
Wellhead Data		N2 Mud ahead of cement	
		Phone	
		Surf Hole Size	
		12.25"	
		Surface Casing Size	
		8 625in, 24 lb, J56, STC	
		Surface Casing Depth	
		230	
		Prod Hole Size	
		7 875"	
		Prod Casing Size	
		5 5in, 17 lb, L80, LTC	
		Prod Casing Depth	
		3495	

Directions From Loco Hills NM continue north on "Hagerman Cutoff RD" for 10.3 miles. Turn west on caliche road (Chaves County sign on east side of road). Continue on caliche road for 4.75 miles, follow main road north for 1.75 mile. Turn west and road will lead to location.

Lat: 33°00'95.27" Lon: 104°08'14.13"

After

API 30-005-64234 Permit No. Project No.	 <b>Greasewood Federal 13 #2</b> Chaves County, NM P&A Wellbore Diagram	<b>AFE Information</b> Dry Hole:      Days: TD: 3152' Sec. 13, T-15-S, R-28-E. 330' FSL & 1450' FEL
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TD = 3512'

Well Information

From Loco Hills NM continue north on "Hagerman Cuttoff RD" for 10.3 miles. Turn west on caliche road (Chaves County sign on east side of road). Continue on caliche road for 4.75 miles, follow main road north for 1.75 mile. Turn west and road will lead to location.

**Greasewood Federal 13 2  
30-005-64234  
Marshall & Wintson, Inc.  
February 8, 2022  
Conditions of Approval**

- 1. Operator shall place CIBP at 2,730' (50'-100' above top most perf) and place 25 sx of Class C cement on top as proposed. WOC and TAG.**
- 2. Operator shall place a Class C cement plug from 2,210'-2,085' as proposed.**
- 3. Operator shall place a Class C cement plug from 1,524'-1,409' as proposed.**
- 4. Operator shall place a Class C cement plug from 833'-733' to seal the Yates Formation.**
- 5. Operator shall place a Class C cement plug from 280' to surface to seal the 8-5/8" casing shoe and Salt formation.**
- 6. See Attached for general plugging stipulations.**

**Notes: This well was drilled and completed on 12/21/2018. All strings circulated to surface.**

**JAM 02082022**



**BUREAU OF LAND MANAGEMENT  
Roswell Field Office  
2909 W. Second Street  
Roswell, New Mexico 88201  
575-627-0272**

**General Requirements for Plug Backs**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from this approval.

**If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. Call 575-627-0205.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. **Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.**

7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 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) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 80970

CONDITIONS

Operator: MARSHALL & WINSTON INC P.O. Box 50880 Midland, TX 79710	OGRID: 14187
	Action Number: 80970
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	2/16/2022