

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.	NMNM0441951
6. If Indian, Allottee or Tribe Name	

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. JAWBONE FED COM LW/13H
2. Name of Operator MURCHISON OIL & GAS LLC		9. API Well No. 3001549457
3a. Address 7250 Dallas Parkway, Ste. 1400, Plano, TX 7502	3b. Phone No. (include area code) (972) 931-0700	10. Field and Pool or Exploratory Area PURPLE SAGE/WOLFCAMP
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 2/T25S/R26E/NMP		11. Country or Parish, State EDDY/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 type="checkbox"/> Other
	<input checked="" 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 recomplete 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.)

Change Dedicated Acres from 360 to 640 acres to conform with Purple Sage Wolfcamp, Gas (98220) rules. Amended C-102 attached.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) CINDY COTTRELL / Ph: (972) 931-0700	Title Regulatory Coordinator
Signature (Electronic Submission)	Date 05/16/2023

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by CHRISTOPHER WALLS / Ph: (575) 234-2234 / Accepted	Title Petroleum Engineer	Date 06/01/2023
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 CARLSBAD

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: SESE / 200 FSL / 1050 FEL / TWSP: 25S / RANGE: 26E / SECTION: 2 / LAT: 32.1522787 / LONG: -104.258675 (TVD: 0 feet, MD: 0 feet)

PPP: SWSE / 330 FSL / 1660 FEL / TWSP: 25S / RANGE: 26E / SECTION: 2 / LAT: 32.1525773 / LONG: -104.2606419 (TVD: 9490 feet, MD: 9675 feet)

PPP: SWSE / 0 FSL / 1686 FEL / TWSP: 24S / RANGE: 26E / SECTION: 35 / LAT: 32.1664336 / LONG: -104.2605584 (TVD: 9525 feet, MD: 14511 feet)

PPP: SWNE / 2631 FNL / 1672 FEL / TWSP: 24S / RANGE: 26E / SECTION: 35 / LAT: 32.1737405 / LONG: -104.2605146 (TVD: 9525 feet, MD: 17169 feet)

PPP: NWSE / 1328 FSL / 1679 FEL / TWSP: 24S / RANGE: 26E / SECTION: 35 / LAT: 32.1700828 / LONG: -104.2605366 (TVD: 9525 feet, MD: 15835 feet)

BHL: NWNE / 330 FNL / 1660 FEL / TWSP: 24S / RANGE: 26E / SECTION: 35 / LAT: 32.1800586 / LONG: -104.2604772 (TVD: 9525 feet, MD: 19468 feet)

CONFIDENTIAL

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-49457		² Pool Code 98220		³ Pool Name PURPLE SAGE WOLFCAMP, GAS	
⁴ Property Code 332751		⁵ Property Name JAWBONE FED COM LW			⁶ Well Number 13H
⁷ OGRID No. 15363		⁸ Operator Name MURCHISON OIL AND GAS, LLC			⁹ Elevation 3354.4

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
P	2	25 S	26 E		200	SOUTH	1050	EAST	EDDY

¹¹ 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
B	35	24 S	26 E		330	NORTH	1660	EAST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

640 Acres

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE (GEOID, NAD83), BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. ELEVATION VALUES ARE NAVD83.

JAWBONE FED COM LW 13H
ELEV. = 3354.4'
LAT. = 32.1522787°N (NAD83)
LONG. = 104.2566750°W

FIRST TAKE POINT
330' FSL, 1660' FEL
LAT. = 32.1525773°N
LONG. = 104.2606419°W

LOT 4 (L069210003)
LOT 3 (L008960002)
LOT 2 (NMMN016625)
LOT 1 (NMMN021158)

10 OPERATOR CERTIFICATION

I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *[Signature]* Date: 06/15/2021
Printed Name: GARY R. COOPER
E-mail Address: rcooper@jdmii.com

11 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.

Date of Survey: FEBRUARY 4, 2021

Signature and Seal: *[Signature]*
Professional Surveyor: JAMES L. JARVIS
Certificate Number: 52789
PLS 12797
KEY NO. 8666

Well Name: JAWBONE FED COM LW	Well Location: T25S / R26E / SEC 2 / SESE / 32.1522787 / -104.258675	County or Parish/State: EDDY / NM
Well Number: 13H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM0441951	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001549457	Operator: MURCHISON OIL & GAS LLC	

Notice of Intent

Sundry ID: 2731289

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 05/16/2023

Time Sundry Submitted: 02:48

Date proposed operation will begin: 05/16/2023

Procedure Description: Change Dedicated Acres from 360 to 640 acres to conform with Purple Sage Wolfcamp, Gas (98220) rules. Amended C-102 attached.

NOI Attachments

Procedure Description

Jawbone_Fed_Com_LW_13H___C_102_Amend_20230516144831.pdf

Well Name: JAWBONE FED COM LW

Well Location: T25S / R26E / SEC 2 / SESE / 32.1522787 / -104.258675

County or Parish/State: EDDY / NM

Well Number: 13H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM0441951

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001549457

Operator: MURCHISON OIL & GAS LLC

Operator

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

Operator Electronic Signature: CINDY COTTRELL

Signed on: MAY 16, 2023 02:48 PM

Name: MURCHISON OIL & GAS LLC

Title: Regulatory Coordinator

Street Address: 7250 Dallas Parkway, Ste. 1400

City: Plano

State: TX

Phone: (972) 931-0700

Email address: ccottrell@jdmii.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Accepted

Disposition Date: 06/01/2023

Signature: Chris Walls

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¹¹ 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
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¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

640 Acres

NMN021158
BOTTOM OF HOLE
LAT. = 32.1800586°N
LONG. = 104.2604772°W

NMNM016625

NMNM0441951

L008960002

L069210003

FIRST TAKE POINT
330' FSL, 1660' FEL
LAT. = 32.1525773°N
LONG. = 104.2606419°W

JAWBONE FED COM LW 13H
ELEV. = 3354.4'
LAT. = 32.1522787°N (NAD83)
LONG. = 104.2566750°W

3/4 CORNER SEC. 2 FTP
LAT. = 32.1515708°N
LONG. = 104.2639498°W

OPERATOR CERTIFICATION

I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *[Signature]* Date: 06/15/2021

GARY R. COOPER

Printed Name

rcooper@jdmii.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.

FEBRUARY 4, 2021

Date of Survey

Signature and Seal: *[Signature]* Professional Surveyor: *[Signature]*

Certificate Number: **PLS 12797**

EXPIRES PROFESSIONAL SURVEY NO. 8666

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 424515

CONDITIONS

Operator: Flat Creek Resources, LLC 777 Main St. Fort Worth, TX 76102	OGRID: 374034
	Action Number: 424515
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	4/29/2025