

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-33187
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Ringer Federal
8. Well Number 006
9. OGRID Number 15363
10. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other **SWD**

2. Name of Operator
Murchison Oil and Gas LLC

3. Address of Operator
7250 Dallas Parkway, Suite 1400, Plano, TX 75024

4. Well Location
Unit Letter **P** : **1250** feet from the **S** line and **1250** feet from the **E** line
Section **3** Township **25S** Range **26E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3340 GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BLM approved 3160-5, workover report, and current wellbore diagram attached.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE COO DATE 3/27/24

Type or print name Gary R. Cooper E-mail address: rcooper@jdmii.com PHONE: 972-931-0700
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____

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. NMNM19836

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 MURCHISON OIL & GAS LLC

3a. Address 7250 Dallas Parkway, Ste. 1400, Plano, TX 75023
3b. Phone No. (include area code)
(972) 931-07004. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 3/T25S/R26E/NMP

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

8. Well Name and No. RINGER FEDERAL/6

9. API Well No. 3001533187

10. Field and Pool or Exploratory Area
SALT WATER DISPOSAL (SWD)/SALT WATER DISPO11. 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 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 checked="" 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 recompleate 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 recompleation 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.)

Workover Summary, current wellbore diagram and MIT chart 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 03/27/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

JONATHON W SHEPARD / Ph: (575) 234-5972 / Accepted

Title Petroleum Engineer

Date 03/27/2024

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)

Additional Information

Location of Well

0. SHL: SESE / 1250 FSL / 1250 FEL / TWSP: 25S / RANGE: 26E / SECTION: 3 / LAT: 32.1550609 / LONG: -104.2765307 (TVD: 0 feet, MD: 0 feet)

BHL: SESE / 1250 FSL / 1250 FEL / TWSP: 25S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

**Ringer Federal 6 SWD (30-015-33187)
Workover Summary**

3/17/2024: Shut well in due to possible tubing leak.

3/21/2024: MIRU Workover rig, killed well, NU BOPs; released from packer. TOH with tubing

3/22/2024: Continue TOH with tubing standing back and checking tubing for any holes.

3/23/2024: RIH with redressed seal assembly and 3 1/2" tubing, testing tubing back in hole to 5,000 psi. Found Hole in JT #363 and replaced.

3/25/2024: Pumped 300 bbls of packer fluid down casing and latched anchor seal assembly into packer and land hanger with 18,000# in compression. Pressure tested casing to 560 psi and hold for 30 minutes. Good test.

3/26/2024: MIT performed with chart recorder for NMOCD. Good test.

Ringer #6 SWD
White City
Eddy County, NM

Spud Date: 04/06/2004
Spud Date (Re-drill): 12/12/2012
Rig Release: 05/29/2004
Rig Release (Re-drill): 01/05/2013
Days to Drill: 54
Days to Drill (Re-drill): 24
Drilling Rig: Grey Wolf #514
Drilling Rig (Re-drill): Silver Oak #1
Completion Date:

TD - 13550 ft

Surface Casing
13 3/8" 68 lb/ft J-55 BT&C
Setting Depth - 350 ft

Cement
400 sx Class C

Intermediate Casing
9 5/8" 47 lb/ft L-80 LT&C
Setting Depth - 1914 ft

Cement
Lead - 750 sx Class C 35/65 Poz
Tail - 200 sx Class C

Intermediate Casing (2)
7 5/8" 33.7 lb/ft P-110 SJ-2 - 74 jts
7 5/8" 33.7 lb/ft N-80 SJ-2 - 67 jts
Setting Depth - 8553 ft

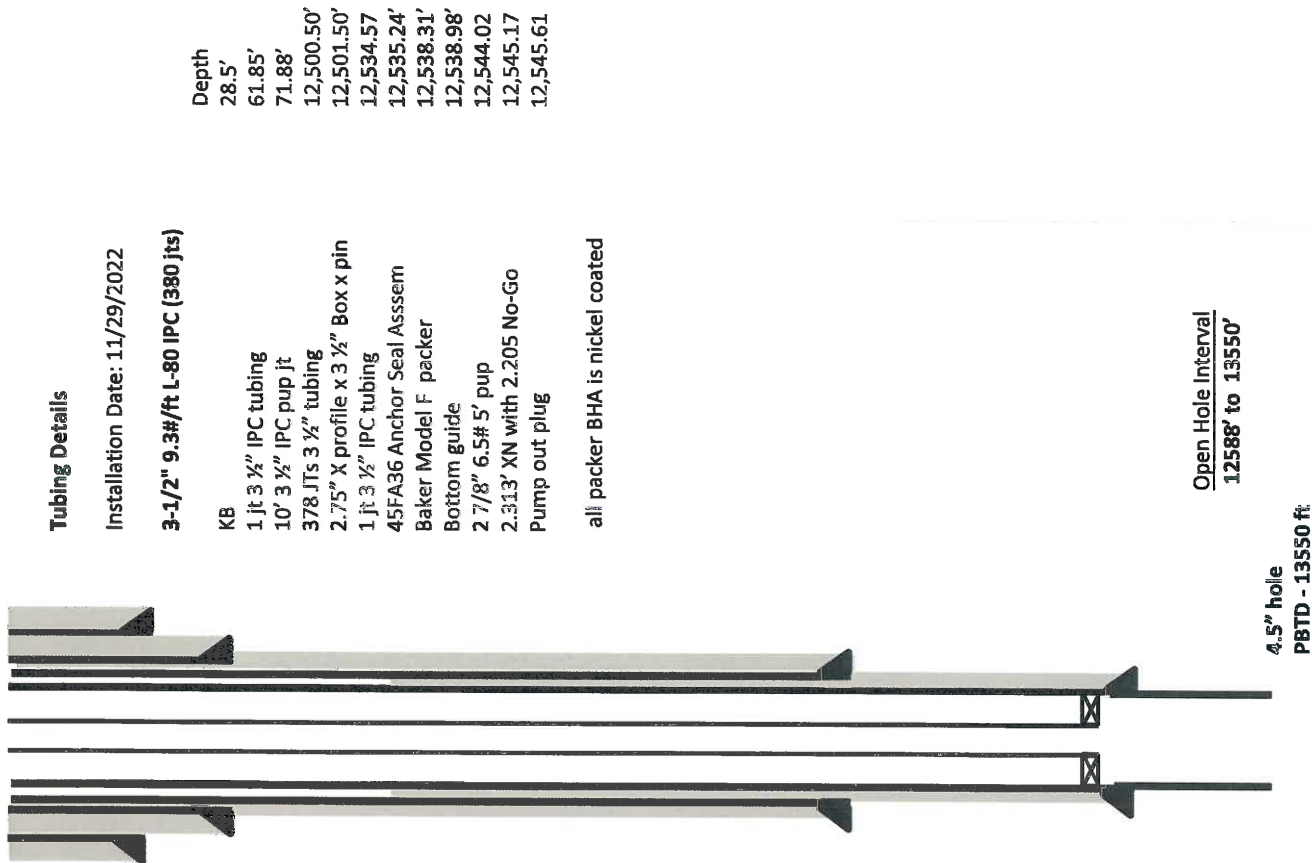
Cement
Lead - 1027 sx Class H 50/50
Tail - 200 sx Class H

Production Casing
5 1/2" 17 lb/ft P-110 Ultra Premium
Setting Depth - 12588 ft



Wellbore Diagram 3/26/24

07/07/2014



Prepared by: Pumphrey
Date: 1/24/2023

GL = 3340 ft
KB = ft

API# 30-015-33187

Acidize - Devonian

02/11/2013 Shack Energy Services
Acid - 20% Gelled Acid: 40,000 Gal
Salt - 12,500 lbs
AIR: 7.9 bpm
ATP: 885.2 psi

Tubing Details

Installation Date: 11/29/2022

3-1/2" 9.3#/ft L-80 IPC (380 jts)

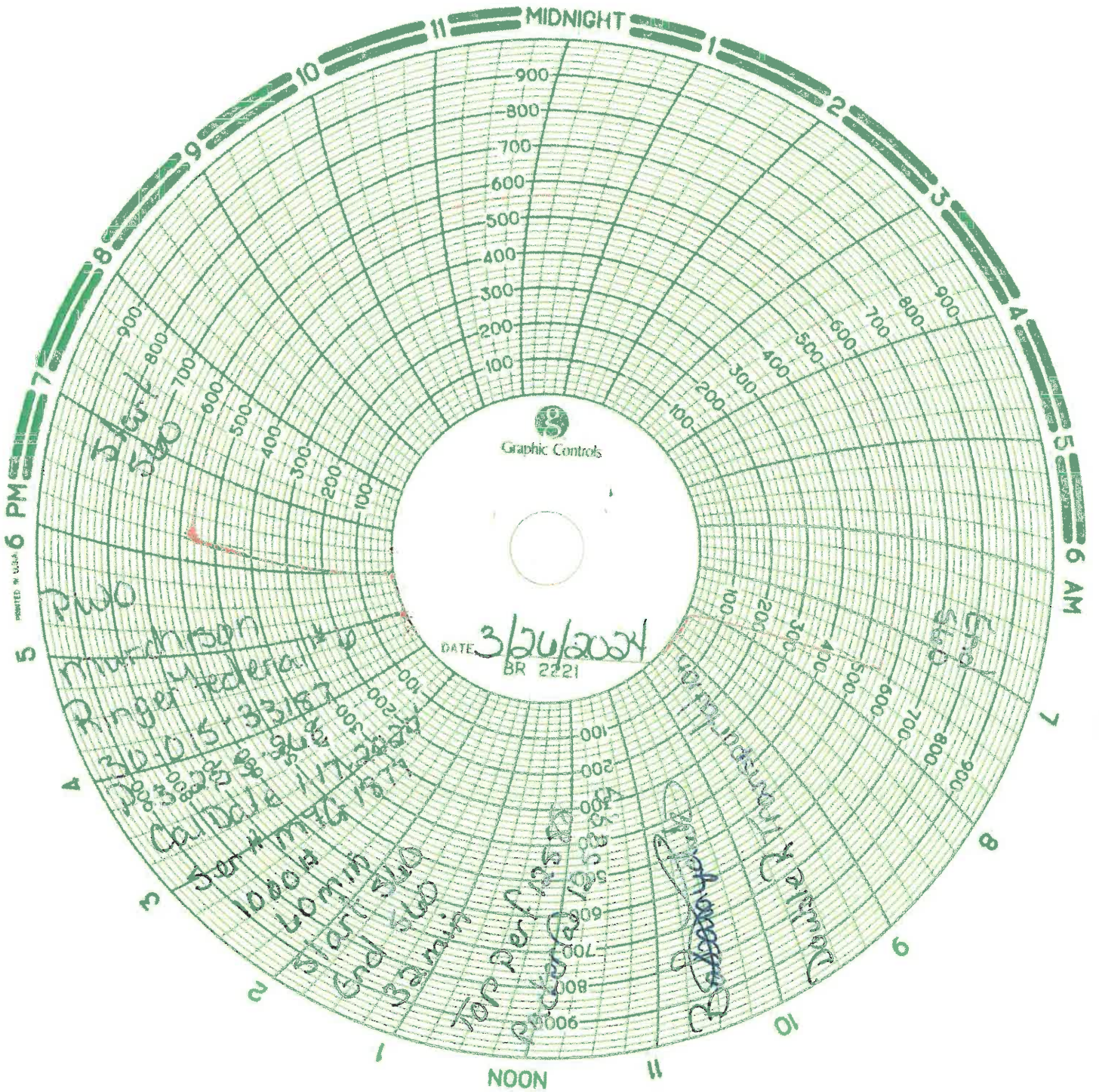
KB
1 jt 3 1/2" IPC tubing
10' 3 1/2" IPC pup jt
378 JTs 3 1/2" tubing
2.75" X profile x 3 1/2" Box x pin
1 jt 3 1/2" IPC tubing
45FA36 Anchor Seal Assem
Baker Model F packer
Bottom guide
2 7/8" 6.5# 5' pup
2.313' XN with 2.205 No-Go
Pump out plug

Depth
28.5'
61.85'
71.88'
12,500.50'
12,501.50'
12,534.57'
12,535.24'
12,538.31'
12,538.98'
12,544.02'
12,545.17'
12,545.61'

all packer BHA is nickel coated

Open Hole Interval
12588' to 13550'

4.5" hole
PBTB - 13550 ft



State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division Artesia District Office

BRADENHEAD TEST REPORT

Operator Name Murchison	API Number 30-013-33187
Property Name Ringer Federal	Well No. 6

7. Surface Location

UL - Lot P	Section 3	Township 25S	Range 26E	Feet from 1250	N/S Line S	Feet From 1250	E/W Line E	County Eddy
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Well Status

TA'D WELL NO	YES	SHUT-IN NO	INJ	INJECTOR SWD	OIL	PRODUCER GAS	DATE 3/26/2024
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OBSERVED DATA

	(A) Surface	(B) Interm(1)	(C) Interm(2)	(D) Prod Casing	(E) Tubing
Pressure	0	0		0	0
Flow Characteristics					
Puff	Y/N	Y/N	Y/N	Y/N	CO2
Steady Flow	Y/N	Y/N	Y/N	Y/N	WTR ✓
Surges	Y/N	Y/N	Y/N	Y/N	GAS
Down to nothing	Y/N	Y/N	Y/N	Y/N	Type of fluid
Gas or Oil	Y/N	Y/N	Y/N	Y/N	Injected for
Water	Y/N	Y/N	Y/N	Y/N	Waterflood if
					applies

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

PWO BHT-OK

Signature:	OIL CONSERVATION DIVISION
Printed name:	Entered into RBDMS
Title:	Re-test
E-mail Address:	
Date:	Phone:
Witness:	

INSTRUCTIONS ON BACK OF THIS FORM

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 327363

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 327363
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	3/27/2024