

State of New Mexico
Energy, Minerals and Natural Resources

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

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.)		WELL API NO. 30-015-33187
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other SWD		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Murchison Oil and Gas LLC		6. State Oil & Gas Lease No.
3. Address of Operator 7250 Dallas Parkway, Suite 1400, Plano, TX 75024		7. Lease Name or Unit Agreement Name Ringer Federal
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		8. Well Number 006
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3340 GR		9. OGRID Number 15363
		10. Pool name or Wildcat

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input 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.

Well shut-in on 10/23/23 due to suspected tubing leak. Plan to inspect and replace tubing as needed. BLM approved 3160-5 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 October 26, 2023

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 ☒ Other2. Name of Operator **MURCHISON OIL & GAS LLC**3a. Address **7250 Dallas Parkway, Ste. 1400, Plano, TX 7502** 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 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 determined that the site is ready for final inspection.)

Well shut-in on 10/23/23 due to suspected tubing leak. Plan to pull tubing and redress anchor seal assembly. Pressure test tubing running back in hole and replace any joints that fail. Re-engage back into packer and pressure test back-side to make sure leak is repaired. MIT will be performed prior to returning to injection. Current wellbore diagram attached.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
CINDY COTTRELL / Ph: (972) 931-0700Title **Regulatory Coordinator**

Signature (Electronic Submission)

Date **10/24/2023****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

JONATHON W SHEPARD / Ph: (575) 234-5972 / ApprovedTitle **Petroleum Engineer**Date **10/26/2023**

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)

Additional Information

Location of Well

0. SHL: SESE / 1250 FSL / 1250 FEL / TWSP: 25S / RANGE: 26E / SECTION: 3 / LAT: 0.0 / LONG: 0.0 (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 #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

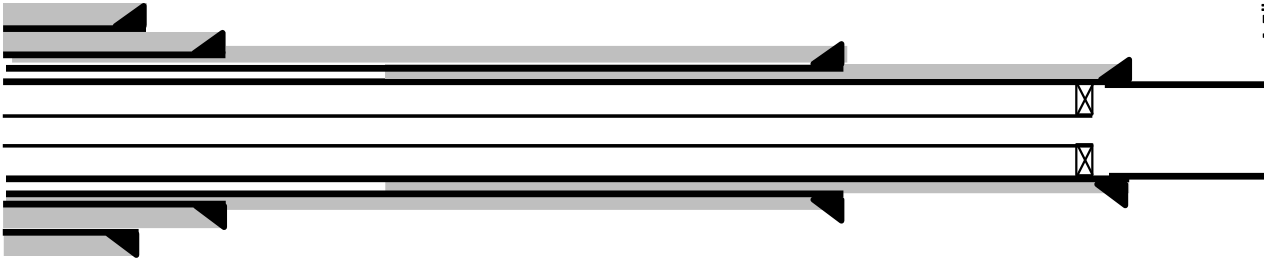
Intermediate Casing (2)
7 5/8" 33.7 lb/ft P-110 SJ-2 - 74 jts
7 5/8" 33.7 lb/ft N-80 SJ-2 - 67 jts
Setting Depth - 8553 ft

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



07/07/2014



Tubing Details

Installation Date: 11/29/2022

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

	Depth
KB	28.5'
1 jt 3 1/2" IPC tubing	61.85'
10' 3 1/2" IPC pup jt	71.88'
378 JTs 3 1/2" tubing	12,500.50'
2.75" X profile x 3 1/2" Box x pin	12,501.50'
1 jt 3 1/2" IPC tubing	12,534.57'
45FA36 Anchor Seal Assem	12,535.24'
Baker Model F packer	12,538.31'
Bottom guide	12,538.98'
2 7/8" 6.5# 5' pup	12,544.02'
2.313' XN with 2.205 No-Go	12,545.17'
Pump out plug	12,545.61'

all packer BHA is nickel coated

Open Hole Interval
12588' to 13550'

4.5" hole
PBTD - 13550 ft

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

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Conditions of Approval for Workover/Deepening of a Well

1. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-689-5981
2. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any 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 9,100 feet, a 3M system for a well not deeper than 13,600 feet, or a 5M system for a well not deeper than 22,700 feet (all depths are for measured well depth).
3. Cement: Notify BLM if cement fails to circulate.
4. Subsequent Reporting: Within 30 days after work is completed, file a Subsequent Report (Form 3160-5) to BLM. The report should give in detail the manner in which the work was carried out. Show date work was completed. If producing a new zone, submit a Completion Report (Form 3160-4) with the Subsequent Report.
5. 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.
6. If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken: From March 1st through June 15th annually, activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted.

White City
Eddy County, NM



Prepared by: Pumphrey
Date: 1/24/2023

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:

07/07/2014

Proposed Wellbore Diagram (no changes planned)

GL = 3340 ft
KB = ft

API# 30-015-33187

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

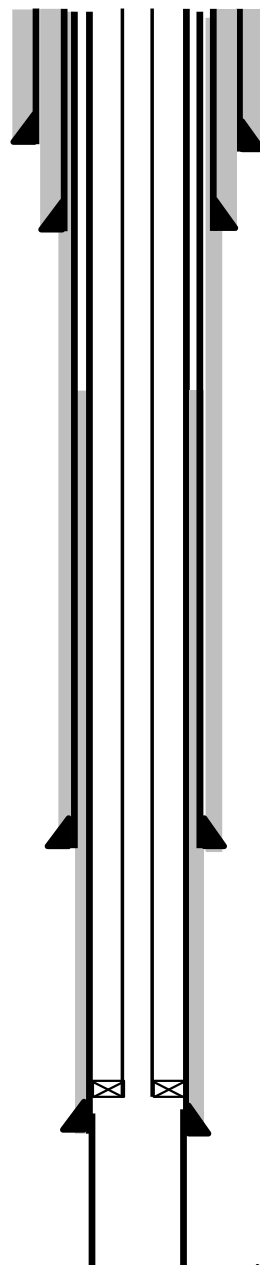
Tubing Details

Installation Date: 11/29/2022

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

	Depth
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Pump out plug	12,545.61'

all packer BHA is nickel coated



Open Hole Interval
12588' to 13550'

4.5" hole
PBTB - 13550 ft

Kinger #6 SWD

White City
Eddy County, NM

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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

07/07/2014



**Proposed Wellbore Diagram
(no changes planned)**

Tubing Details

Installation Date: 11/29/2022

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

	Depth
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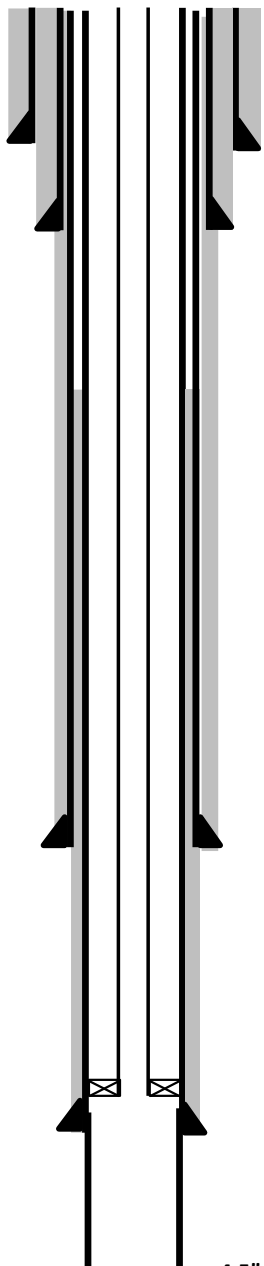
Prepared by: Pumphrey
Date: 1/24/2023

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



Open Hole Interval
12588' to 13550'

4.5" hole
PBSD - 13550 ft

White City
Eddy County, NM



Prepared by: Pumphrey
Date: 1/24/2023

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:

07/07/2014

Proposed Wellbore Diagram (no changes planned)

GL = 3340 ft
KB = ft

API# 30-015-33187

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

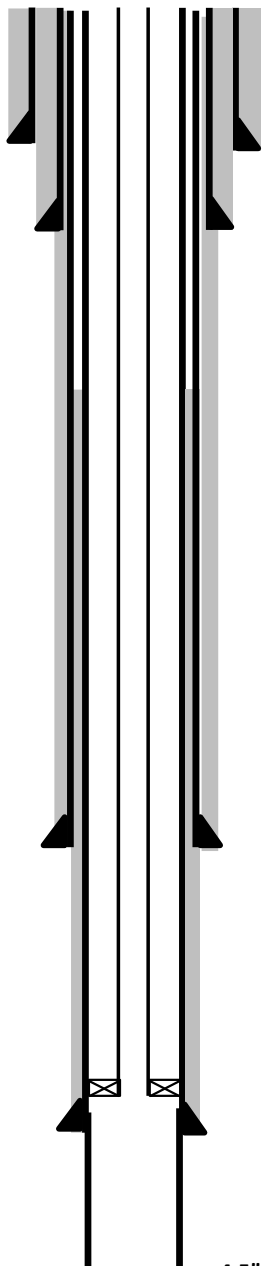
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Pump out plug	12,545.61'

all packer BHA is nickel coated



Open Hole Interval
12588' to 13550'

4.5" hole
PBSD - 13550 ft

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
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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 279450

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 279450
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	After repair or replacement of the leaking tube, the replacement shall be same size tubing and the packer setting depth shall not exceed as it is stipulated in the respective SWD-Order.	10/30/2023