

Office  
 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

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

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

WELL API NO.

**30-015-33187**

5. Indicate Type of Lease

STATE ☐ FEE ☐

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:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☐  
 CASING/CEMENT JOB ☐  
 OTHER: ☐

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 3/17/24 due to suspected tubing leak. Plan to inspect and replace tubing as needed. BLM approved 3160-5 and wellbore diagrams 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 March 20, 2024

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 &amp; GAS LLC

3a. Address 7250 Dallas Parkway, Ste. 1400, Plano, TX 7502

3b. Phone No. (include area code)  
(972) 931-0700

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

8. Well Name and No. RINGER FEDERAL/6

9. API Well No. 3001533187

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC 3/T25S/R26E/NMP10. Field and Pool or Exploratory Area  
SALT WATER DISPOSAL (SWD)/SALT WATER DISPC11. 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 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.)

Well shut-in on 3/17/24 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) 931-0700

Title Regulatory Coordinator

Signature (Electronic Submission)

Date 03/18/2024

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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

Title Petroleum Engineer

Date 03/20/2024

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 )

## 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 1<sup>st</sup> through June 15<sup>th</sup> 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.

Kinger #6 SWD

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**Wellbore Diagram 3/18/24**

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

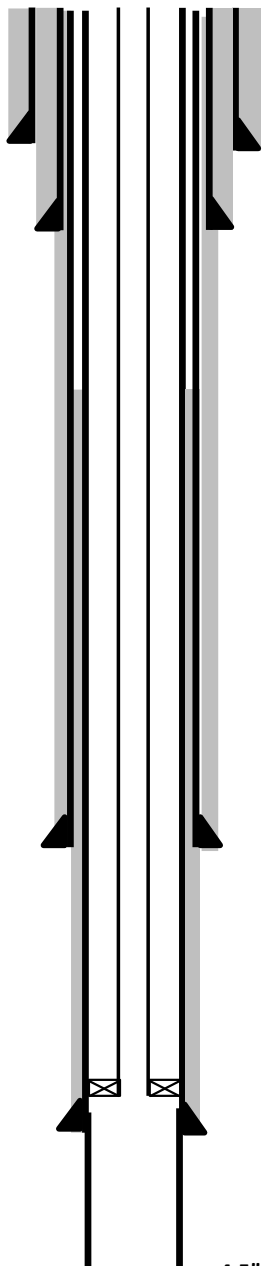
**Tubing Details**

Installation Date: 11/29/2022

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

	Depth
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 Asssem	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

**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

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  
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**Production Casing**  
5 1/2" 17 lb/ft P-110 Ultra Premium  
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07/07/2014

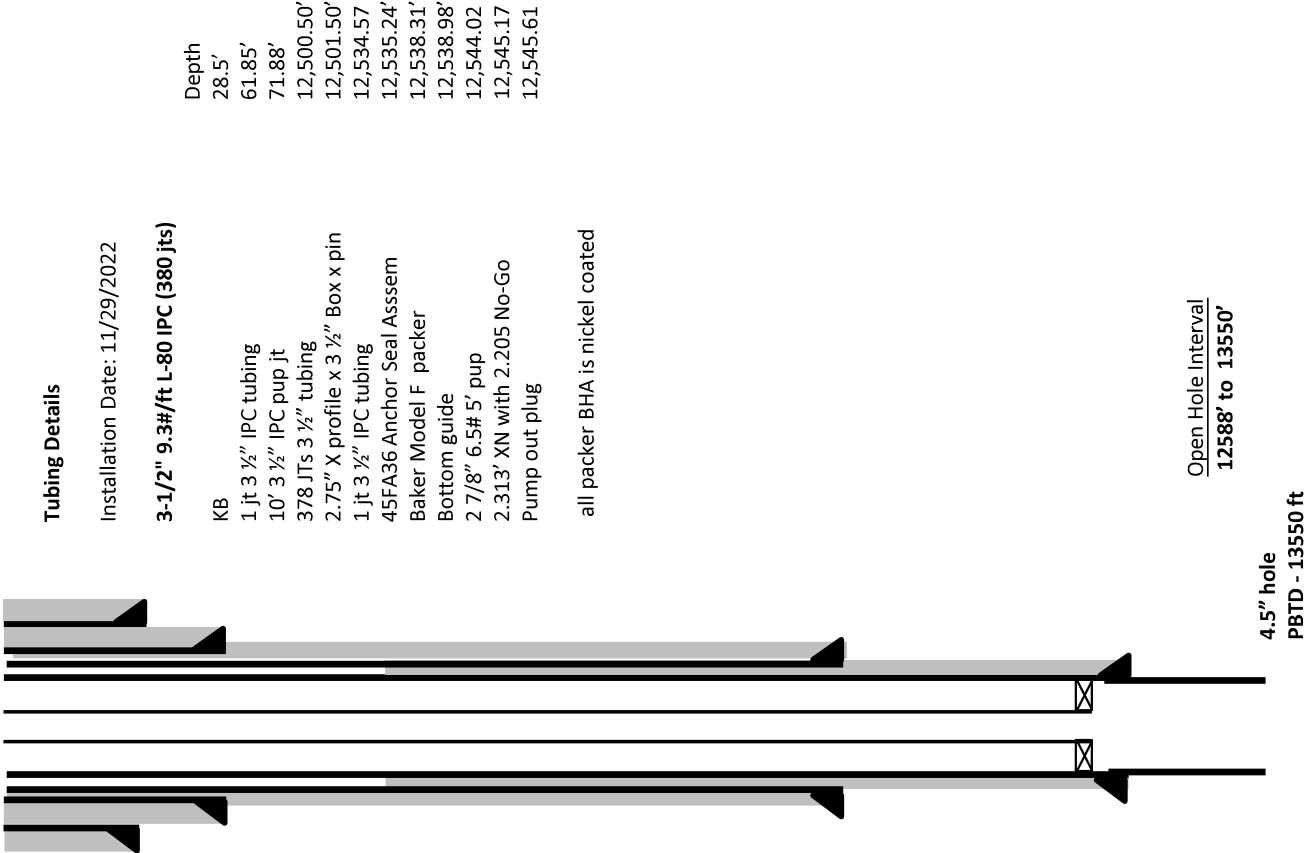
**Proposed Wellbore Diagram**  
(same as current)

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





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 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM  
 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

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

WELL API NO.

**30-015-33187**

5. Indicate Type of Lease

STATE ☐ FEE ☐

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:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☐  
 CASING/CEMENT JOB ☐  
 OTHER: ☐


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 3/17/24 due to suspected tubing leak. Plan to inspect and replace tubing as needed. BLM approved 3160-5 and wellbore diagrams 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 March 20, 2024

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 &amp; GAS LLC

3a. Address 7250 Dallas Parkway, Ste. 1400, Plano, TX 7502

3b. Phone No. (include area code)  
(972) 931-0700

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

8. Well Name and No. RINGER FEDERAL/6

9. API Well No. 3001533187

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC 3/T25S/R26E/NMP10. Field and Pool or Exploratory Area  
SALT WATER DISPOSAL (SWD)/SALT WATER DISPC11. Country or Parish, State  
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## 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	
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CINDY COTTRELL / Ph: (972) 931-0700

Title Regulatory Coordinator

Signature (Electronic Submission)

Date 03/18/2024

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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

Title Petroleum Engineer

Date 03/20/2024

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

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(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 )

## BUREAU OF LAND MANAGEMENT

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Kinger #6 SWD

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

## Wellbore Diagram 3/18/24

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)

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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

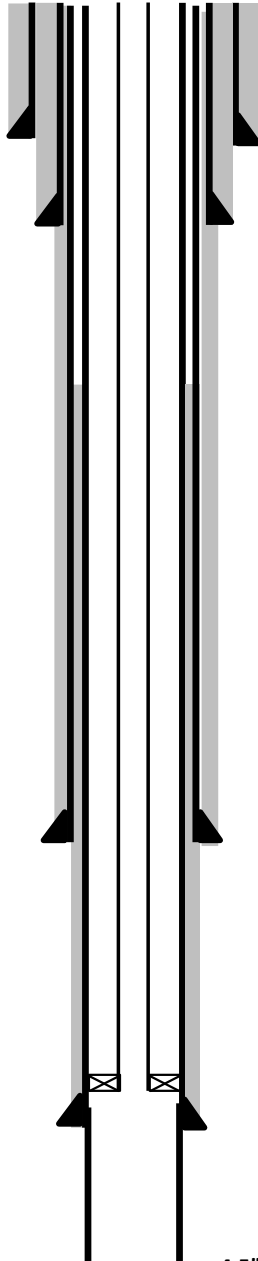
## Tubing Details

Installation Date: 11/29/2022

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

	Depth
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 Asssem	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  
PBSD - 13550 ft

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  
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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**  
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**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 SI-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

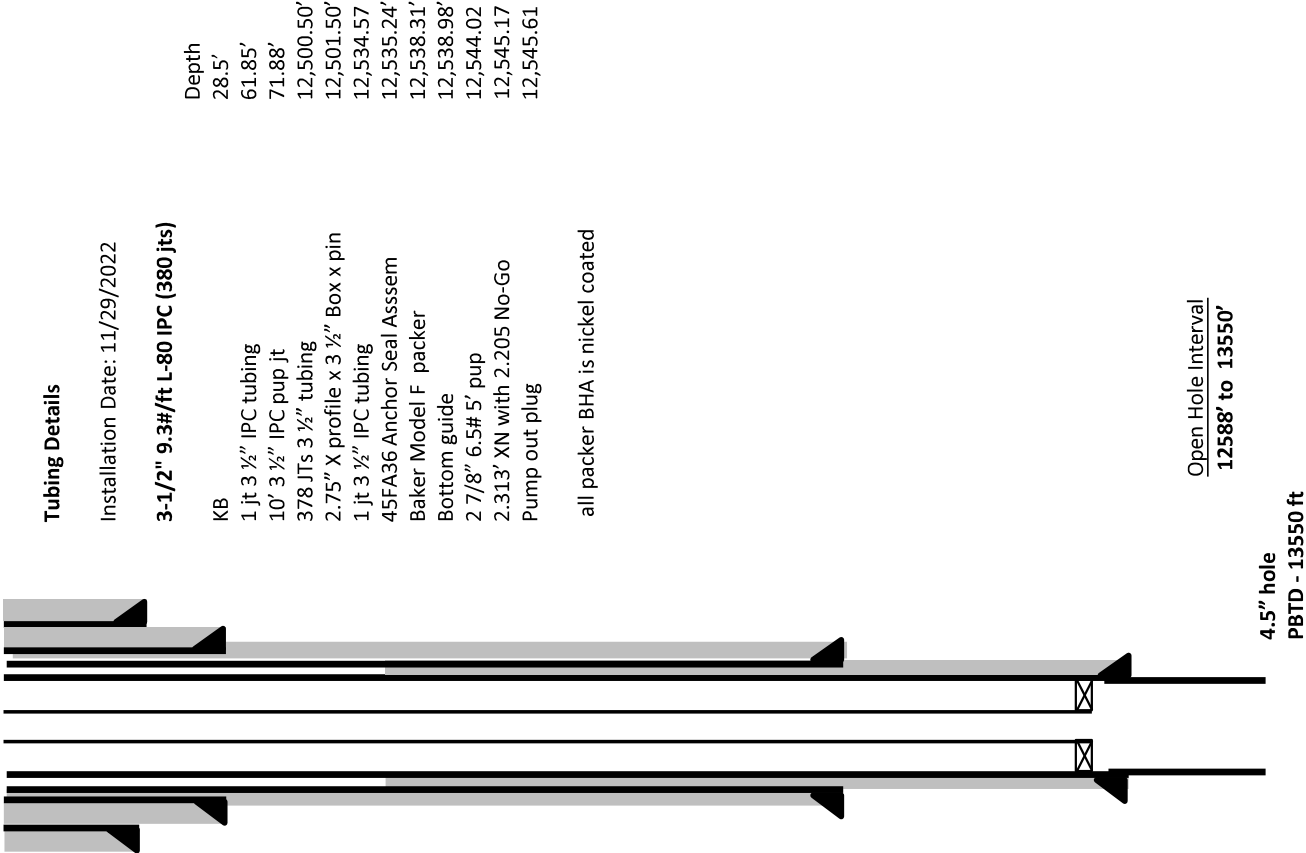
**Proposed Wellbore Diagram**  
(same as current)

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



Office  
 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

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-105  
 Revised July 18, 2013

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

WELL API NO.

**30-015-33187**

5. Indicate Type of Lease

STATE ☐ FEE ☐

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:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☐  
 CASING/CEMENT JOB ☐  
 OTHER: ☐


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 3/17/24 due to suspected tubing leak. Plan to inspect and replace tubing as needed. BLM approved 3160-5 and wellbore diagrams 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 March 20, 2024

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 &amp; 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 DISPC11. 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 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.)

Well shut-in on 3/17/24 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) 931-0700

Title Regulatory Coordinator

Signature (Electronic Submission)

Date 03/18/2024

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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

Title Petroleum Engineer

Date 03/20/2024

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 )

## 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 1<sup>st</sup> through June 15<sup>th</sup> 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.

Kinger #6 SWD

**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****Wellbore Diagram 3/18/24**

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

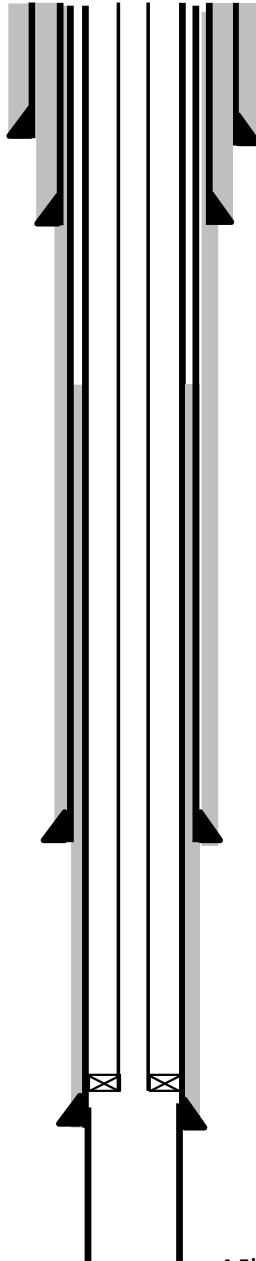
**Tubing Details**

Installation Date: 11/29/2022

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

	Depth
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 Asssem	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**

**Acidize - Devonian**

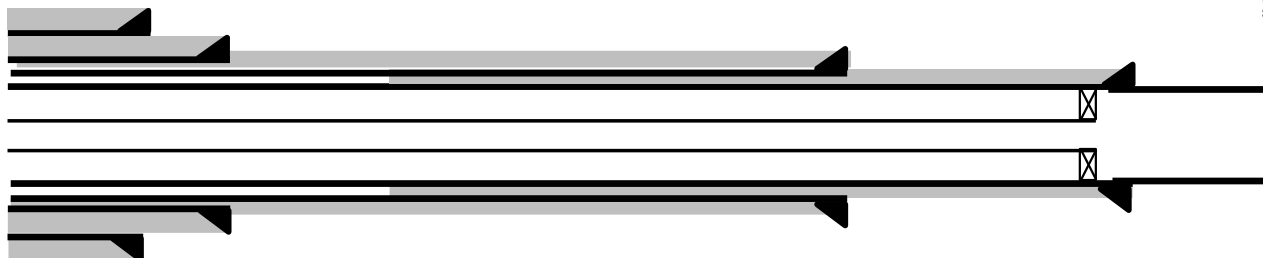
02/11/2013 Shack Energy Services  
 Acid - 20% Gelled Acid: 40,000 Gal  
 Salt - 12,500 lbs  
 AIR: 7.9 bpm  
 ATP: 885.2 psi

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

4.5" hole  
PBTD - 13550 ft

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

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'



Submit 1 Copy To Appropriate District Office  
 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

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-105  
 Revised July 18, 2013

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

WELL API NO.

**30-015-33187**

5. Indicate Type of Lease

STATE ☐ FEE ☐

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:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☐  
 CASING/CEMENT JOB ☐  
 OTHER: ☐


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 3/17/24 due to suspected tubing leak. Plan to inspect and replace tubing as needed. BLM approved 3160-5 and wellbore diagrams 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 March 20, 2024

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 &amp; GAS LLC

3a. Address 7250 Dallas Parkway, Ste. 1400, Plano, TX 7502  
3b. Phone No. (include area code)  
(972) 931-0700

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

8. Well Name and No. RINGER FEDERAL/6

9. API Well No. 3001533187

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC 3/T25S/R26E/NMP10. Field and Pool or Exploratory Area  
SALT WATER DISPOSAL (SWD)/SALT WATER DISPC11. 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 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.)

Well shut-in on 3/17/24 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) 931-0700

Title Regulatory Coordinator

Signature (Electronic Submission)

Date 03/18/2024

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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

Title Petroleum Engineer

Date 03/20/2024

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 )

## 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 1<sup>st</sup> through June 15<sup>th</sup> 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.

Kinger #6 SWD

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

## Wellbore Diagram 3/18/24

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
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 Asssem	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

**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

Prepared by: Pumphrey  
Date: 1/24/2023

$$\begin{aligned} \text{GL} &= 3340 \text{ ft} \\ \text{KB} &= \text{ft} \end{aligned}$$

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

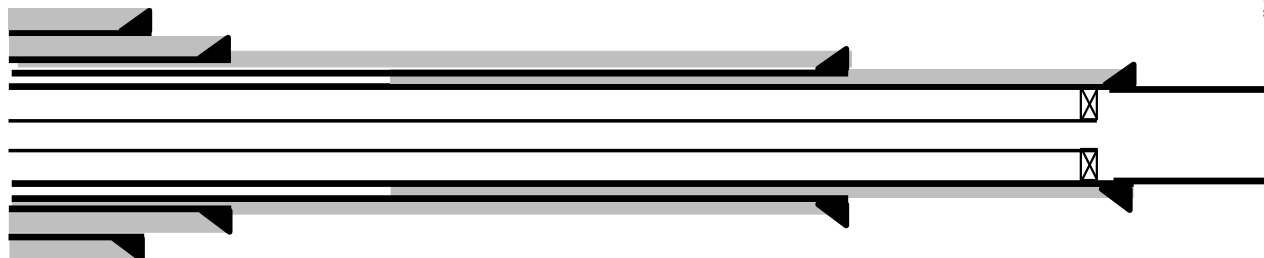
Depth  
28.5'  
61.85'  
71.88'  
12,500.50'  
12,501.50'  
12,534.57  
12,535.24'  
12,538.31'  
12,538.98'  
12,544.02  
12,545.17  
12,545.61

all packer BHA is nickel coated

Open Hole Interval  
**12588' to 13550'**

4.5" hole  
PBTD - 13550 ft

07/07/2014



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

## Tubing Details

Installation Date: 11/29/2022

KB  
1 1/2" 3 1/2" IPC tubing  
1 1/2" 3 1/2" IPC pup jt  
378 JTs 3 1/2" tubing  
2.2.75" X profile x 3 1/2"  
1 1/2" 3 1/2" IPC tubing  
45FA36 Anchor Seal  
Baker Model F pack  
Bottom guide  
2 7/8" 6.5# 5' pup  
2.2.313" XN with 2.203"  
Pump out plug

28.5'  
61.85'  
71.88'  
12,500  
12,501  
12,534  
12,535  
12,538  
12,538  
12,544  
12,545  
12,545

**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

**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 324951

CONDITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 324951
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	Should tubing replacement be required, the same tube size shall be replaced as stipulated by SWD-1213. The packer shall be set not more than 100 ft. from the top of the perforation or the top part of the injection interval.	3/20/2024