

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No.	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Zones <input type="checkbox"/> Hydraulic Fracturing Other: _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator		7. Unit or CA Agreement Name and No.	
3. Address		8. Well Name and Well No.	
3a. Phone No. (Include area code)		9. API Well No.	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface  At top prod. interval reported below  At total depth		10. Field and Pool or Exploratory	
		11. Sec., T., R., M., on Block and Survey or Area	
		12. County or Parish	13. State
14. Date Spudded	15. Date T.D. Reached	16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod.	
17. Elevations (DF, RKB, RT, GL)*			
18. Total Depth: MD TVD	19. Plug Back T.D.: MD TVD	20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		22. Was well cored? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)	

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled

24. Tubing Record

Size	Dept Set (MD)	Packer Dept (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)						
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org when required by state or federal regulation

Depth Interval	Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org as applicable

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

\*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ➔	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ➔	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure).

**APPROVED**  
By Allison Morency at 9:04 am, Aug 08, 2025

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) \_\_\_\_\_ Title \_\_\_\_\_  
 Signature \_\_\_\_\_ Date \_\_\_\_\_

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

**GENERAL:** This form is designed for submitting a complete and correct well completion/recompletion report and log on all types of wells on Federal and Indian leases to a Federal agency, pursuant to applicable Federal laws 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, either are shown below or will be issued by, or may be obtained from, the local Federal office. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, and all types electric), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal laws and regulations. All attachments should be listed on this form, see item 33.

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

**ITEM 17:** Indicate which reported elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**ITEM 23:** Show how reported top(s) of cement were determined, i.e. circulated (CIR), or calculated (CAL), or cement bond log (CBL), or temperature survey (TS).

## 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. et seq.; 43 CFR 3160.

**PRINCIPAL PURPOSE:** The information is to be used to evaluate the actual operations performed in the drilling, completing and testing of a well on a Federal or Indian lease.

**ROUTINE USES:** (1) Evaluate the equipment and procedures used during the drilling and completing/recompleting of a well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) 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.

**EFFECT OF NOT PROVIDING INFORMATION:** Filing of this report and disclosure of the information is mandatory once a well drilled on a Federal or Indian lease is completed/recompleted.

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

The BLM collects this information to allow evaluation of the technical, safety, and environmental factors involved with drilling and completing/recompleting wells on Federal and Indian oil and gas leases.

This information will be used to analyze operations and to compare equipment and procedures actually used with those proposed and approved.

Response to this request is mandatory only if the operator elects to initiate drilling and completing/recompleting operations on an oil and gas lease.

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 Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

Additional Information

Location information: 00S1

SHL: LOT: C / 225 FNL / 1346 FWL / TWSP: 24S / RNG: 28E / SEC: 30 / LAT: 32.195203 / LONG: -104.131148

KOP: LOT: 1 / 76 FNL / 570 FWL / TWSP: 24S / RNG: 28E / SEC: 30 / LAT: 32.19558 / LONG: -104.133657

PPP: LOT: 1 / 419 FNL / 566 FWL / TWSP: 24S / RNG: 28E / SEC: 30 / LAT: 32.194636 / LONG: -104.133669

EXIT: LOT: 4 / 367 FSL / 523 FWL / TWSP: 24S / RNG: 28E / SEC: 31 / LAT: 32.167565 / LONG: -104.133824

BHL: LOT: 4 / 204 FSL / 517 FWL / TWSP: 24S / RNG: 28E / SEC: 31 / LAT: 32.167117 / LONG: -104.133847

Additional Cement Segments for Casings: 00S1

Hole Size: 14.75, Size/Grade: 10.75 / J-55, Wt. (#ft): 45.5, Top (MD): 0, Bottom (MD): 814

Cementing/Segment - Stage Cementer Depth: null, No of Skes: 440.0, Type of Cement: Class C PREMIUM PLUS, Slurry Vol BBL: 239, Cement Lead Top: 0.0, Amount Pulled: null ; Cement Tail Type: Class C PREMIUM PLUS, Cement Tail Qty (sks): 450.0, Cement Tail Yield (cu.ft/sks): 1.32, Cement Tail Top (MD): 120.0

Hole Size: 8.75, Size/Grade: 7.625 / L-80, Wt. (#ft): 29.7, Top (MD): 0, Bottom (MD): 7128

Cementing/Segment - Stage Cementer Depth: null, No of Skes: 1090.0, Type of Cement: NeoCem-C, Slurry Vol BBL: 1336.4, Cement Lead Top: 2700.0, Amount Pulled: null ; Cement Tail Type: HalCem-H, Cement Tail Qty (sks): 205.0, Cement Tail Yield (cu.ft/sks): 1.34, Cement Tail Top (MD): 7000.0

Cementing/Segment - Stage Cementer Depth: null, No of Skes: 385.0, Type of Cement: CLASS ECONOCEM C, Slurry Vol BBL: 1336.4, Cement Lead Top: 0.0, Amount Pulled: null ; Cement Tail Type: CLASS HALCEM H, Cement Tail Qty (sks): 125.0, Cement Tail Yield (cu.ft/sks): 1.33, Cement Tail Top (MD): 1805.0

Cementing/Segment - Stage Cementer Depth: null, No of Skes: 1090.0, Type of Cement: NeoCem-C, Slurry Vol BBL: 1336.4, Cement Lead Top: 2700.0, Amount Pulled: null ; Cement Tail Type: HalCem-H, Cement Tail Qty (sks): 205.0, Cement Tail Yield (cu.ft/sks): 1.34, Cement Tail Top (MD): 7000.0

Cementing/Segment - Stage Cementer Depth: null, No of Skes: 385.0, Type of Cement: CLASS ECONOCEM C, Slurry Vol BBL: 1336.4, Cement Lead Top: 0.0, Amount Pulled: null ; Cement Tail Type: CLASS HALCEM H, Cement Tail Qty (sks): 125.0, Cement Tail Yield (cu.ft/sks): 1.33,

Cement Tail Top (MD): 1805.0

Hole Size: 8.75, Size/Grade: 7.625 / P-110, Wt. (#ft): 29.7, Top (MD): 7128, Bottom (MD): 8806

Hole Size: 6.75, Size/Grade: 5.5 / P-110, Wt. (#ft): 23, Top (MD): 0, Bottom (MD): 19475

Cementing/Segment - Stage Cementer Depth: null, No of Skes: 640.0, Type of Cement: NEOCEM C, Slurry Vol BBL: 416.3, Cement Lead Top: 0.0, Amount Pulled: null ; Cement Tail Type: NeoCem C, Cement Tail Qty (sks): 800.0, Cement Tail Yield (cu.ft/sks): 1.53, Cement Tail Top (MD): 5224.0

Summary of Porous Zones Information:

Formation: CHERRY CANYON, Descriptions, Contents, etc: , Bottom: 3320

Formation: BRUSHY CANYON, Descriptions, Contents, etc: , Bottom: 4523

Formation: BONE SPRING, Descriptions, Contents, etc: , Bottom: 6013

Formation: BONE SPRING 1ST, Descriptions, Contents, etc: , Bottom: 7039

Formation: BONE SPRING 2ND, Descriptions, Contents, etc: , Bottom: 7798

Formation: BONE SPRING 3RD, Descriptions, Contents, etc: , Bottom: 8912

Formation: WOLFCAMP, Descriptions, Contents, etc: , Bottom: 9345

Attachments: 00S1

Log Attachments:

1) C\_102\_ASDRILLED\_Tomahawk\_WC\_Unit\_723H\_20250306124409.pdf

2) C\_102\_PROPOSED\_TOMAHAWK\_WC\_UNIT\_723H\_20250306124422.pdf

3) TOMAHAWK\_WC\_UNIT\_\_723H\_FINAL\_PVA\_WBD\_20250331144647.pdf

4) Conoco\_Tomahawk\_WC\_Unit\_723H\_RCBL\_20250306124300.pdf

5) TOMAHAWK\_WC\_UNIT\_\_723H\_FINAL\_SVY\_RPT\_20240704100750\_20250306124316.pdf

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**

ACKNOWLEDGMENTS

Action 557018

**ACKNOWLEDGMENTS**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 557018
	Action Type: [C-105] Well (Re)Completion (C-105)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
<input checked="" type="checkbox"/>	I hereby certify that no additives containing PFAS chemicals were added to the fluid used in the completion or recompletion of this well.

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**State of New Mexico**  
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**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 557018

**CONDITIONS**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 557018
	Action Type: [C-105] Well (Re)Completion (C-105)

**CONDITIONS**

Created By	Condition	Condition Date
plmartinez	None	4/20/2026