

Form 3160-3
(June 2015)

FORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

| | | |
|---|---------------------------------------|---|
| 1a. Type of work: <input type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. |
| 1b. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 6. If Indian, Allottee or Tribe Name |
| 1c. Type of Completion: <input type="checkbox"/> Hydraulic Fracturing <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | 7. If Unit or CA Agreement, Name and No. |
| 2. Name of Operator | | 8. Lease Name and Well No. |
| 3a. Address | | 9. API Well No. 30 015 48760 |
| 3b. Phone No. (include area code) | | 10. Field and Pool, or Exploratory |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface At proposed prod. zone | | 11. Sec., T. R. M. or Blk. and Survey or Area |
| 14. Distance in miles and direction from nearest town or post office* | | 12. County or Parish |
| | | 13. State |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) | 16. No of acres in lease | 17. Spacing Unit dedicated to this well |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. | 19. Proposed Depth | 20. BLM/BIA Bond No. in file |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) | 22. Approximate date work will start* | 23. Estimated duration |
| 24. Attachments | | |

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

- | | |
|---|---|
| <ul style="list-style-type: none"> 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | <ul style="list-style-type: none"> 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification. 6. Such other site specific information and/or plans as may be requested by the BLM. |
|---|---|

| | | |
|-------------------------|----------------------|--------|
| 25. Signature | Name (Printed/Typed) | Date |
| Title | | |
| Approved by (Signature) | Name (Printed/Typed) | Date |
| Title | | Office |

Application approval 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.
Conditions of approval, if any, are attached.

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.



(Continued on page 2)

*(Instructions on page 2)

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) 476-3460 Fax: (505) 476-3462

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|------------------------------------|---|--|
| API Number 30-015- 48760 | Pool Code 97860 | Pool Name JENNINGS; BONE SPRING, WEST |
| Property Code | Property Name PHANTOM DRAW 20 FED UNIT | Well Number 303H |
| OGRID No. 7377 | Operator Name EOG RESOURCES, INC. | Elevation 3183' |

Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M | 20 | 26 S | 31 E | | 528 | SOUTH | 325 | WEST | EDDY |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 20 | 26 S | 31 E | | 100 | NORTH | 629 | WEST | EDDY |

| | | | |
|---------------------------|-----------------|-------------------|-----------|
| Dedicated Acres 320.00 | Joint or Infill | Consolidated Code | Order No. |
|---------------------------|-----------------|-------------------|-----------|

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.

LOWER MOST PERF. / BOTTOM HOLE LOCATION
NEW MEXICO EAST
NAD 1983
X = 704450'
Y = 376929'
LAT. = N 32.035167°
LONG. = W 103.806947°
NAD 1927
X = 663263'
Y = 376872'
LAT. = N 32.035041°
LONG. = W 103.806472°

SURFACE LOCATION
NEW MEXICO EAST
NAD 1983
X = 704179'
Y = 372232'
LAT. = N 32.022257°
LONG. = W 103.807893°
NAD 1927
X = 662993'
Y = 372174'
LAT. = N 32.022131°
LONG. = W 103.807418°

UPPER MOST PERF.
NEW MEXICO EAST
NAD 1983
X = 704486'
Y = 371805'
LAT. = N 32.021080°
LONG. = W 103.806909°
NAD 1927
X = 663300'
Y = 371748'
LAT. = N 32.020955°
LONG. = W 103.806435°

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 voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Jayna K. Hobby 8/24/20
Signature Date

Jayna K. Hobby
Print Name

Jayna_Hobby@eogresources.com
E-mail Address

SURVEYORS 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.

NOVEMBER 11, 2019
Date of Survey

Signature and Seal of Professional Surveyor
Casey Wayne Faircloth
05/11/20

CASEY WAYNE FAIRCLOTH
NEW MEXICO
21051
PROFESSIONAL SURVEYOR

Job No.: EOG.190022
CASEY WAYNE FAIRCLOTH, N.M.P.L.S.
Certificate Number 21051

State of New Mexico
 Energy, Minerals and Natural Resources Department

Submit Electronically
 Via E-permitting

Oil Conservation Division
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description Effective May 25, 2021

I. Operator: EOG Resources, Inc. **OGRID:** 7377 **Date:** 07/22/2021

II. Type: Original Amendment due to 19.15.27.9.D(6)(a) NMAC 19.15.27.9.D(6)(b) NMAC Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

| Well Name | API | ULSTR | Footages | Anticipated Oil BBL/D | Anticipated Gas MCF/D | Anticipated Produced Water BBL/D |
|-------------------------------|-----|--------------|---------------------|-----------------------|-----------------------|----------------------------------|
| PHANTOM DRAW 20 FED UNIT 303H | | M-20-26S-31E | 528' FSL & 325' FWL | +/- 1000 | +/- 3500 | +/- 3000 |
| | | | | | | |

IV. Central Delivery Point Name: Magnolia 15 Fed Com CTB [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

| Well Name | API | Spud Date | TD Reached Date | Completion Commencement Date | Initial Flow Back Date | First Production Date |
|-------------------------------|-----|-----------|-----------------|------------------------------|------------------------|-----------------------|
| PHANTOM DRAW 20 FED UNIT 303H | | 5/1/23 | 5/16/23 | 7/16/23 | 8/16/23 | 9/16/23 |
| | | | | | | |

VI. Separation Equipment: Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

| Well | API | Anticipated Average Natural Gas Rate MCF/D | Anticipated Volume of Natural Gas for the First Year MCF |
|------|-----|--|--|
| | | | |
| | | | |

X. Natural Gas Gathering System (NGGS):

| Operator | System | ULSTR of Tie-in | Anticipated Gathering Start Date | Available Maximum Daily Capacity of System Segment Tie-in |
|----------|--------|-----------------|----------------------------------|---|
| | | | | |
| | | | | |

XI. Map. Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system will will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator does does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

Attach Operator’s plan to manage production in response to the increased line pressure.

XIV. Confidentiality: Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system.

If Operator checks this box, Operator will select one of the following:

Well Shut-In. Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

| |
|--|
| Signature: <i>Craig Richardson</i> |
| Printed Name: Craig Richardson |
| Title: Regulatory Specialist |
| E-mail Address: craig_richardson@eogresources.com |
| Date: 7/22/2021 |
| Phone: (432) 425.7736 |
| OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form) |
| Approved By: |
| Title: |
| Approval Date: |
| Conditions of Approval: |

Natural Gas Management Plan Items VI-VIII

VI. Separation Equipment: Attach a complete description of how Operator will size separation equipment to optimize gas capture.

- Separation equipment will be sized to provide adequate separation for anticipated rates.
- Adequate separation relates to retention time for Liquid – Liquid separation and velocity for Gas-Liquid separation.
- Collection systems are appropriately sized to handle facility production rates on all (3) phases.
- Ancillary equipment and metering is selected to be serviced without flow interruptions or the need to release gas from the well.

VII. Operational Practices: Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F 19.15.27.8 NMAC.

Drilling Operations

- All flare stacks will be properly sized. The flare stacks will be located at a minimum 100' from the nearest surface hole location on the pad.
- All natural gas produced during drilling operations will be flared, unless there is an equipment malfunction and/or to avoid risk of an immediate and substantial adverse impact on safety and the environment, at which point the gas will be vented.

Completions/Recompletions Operations

- New wells will not be flowed back until they are connected to a properly sized gathering system.
- The facility will be built/sized for maximum anticipated flowrates and pressures to minimize waste.
- For flowback operations, multiple stages of separation will be used as well as excess VRU and blowers to make sure waste is minimized off the storage tanks and facility.
- During initial flowback, the well stream will be routed to separation equipment.
- At an existing facility, when necessary, post separation natural gas will be flared until it meets pipeline specifications, at which point it will be turned into a collection system.
- At a new facility, post separation natural gas will be vented until storage tanks can safely function, at which point it will be flared until it meets pipeline spec.

Production Operations

- Weekly AVOs will be performed on all facilities.
- All flares will be equipped with auto-ignition systems and continuous pilot operations.
- After a well is stabilized from liquid unloading, the well will be turned back into the collection system.
- All plunger lift systems will be optimized to limit the amount of waste.
- All tanks will have automatic gauging equipment installed.
- Leaking thief hatches found during AVOs will be cleaned and properly re-sealed.

Performance Standards

- Production equipment will be designed to handle maximum anticipated rates and pressure.

- All flared gas will be combusted in a flare stack that is properly sized and designed to ensure proper combustion.
- Weekly AVOs will be performed on all wells and facilities that produce more than 60 Mcfd.

Measurement & Estimation

- All volume that is flared or vented that is not measured will be estimated.
- All measurement equipment for flared volumes will conform to API 14.10.
- No meter bypasses will be installed.
- When metering is not practical due to low pressure/low rate, the vented or flared volume will be estimated.

VIII. Best Management Practices: Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

- During downhole well maintenance, EOG will use best management practices to vent as minimally as possible.
- After downhole well maintenance, natural gas will be flared until it reaches pipeline specification.

**EOG RESOURCES, INC.
PHANTOM DRAW 20 FED UNIT #303H**

1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

| | |
|----------------------------------|--------|
| Rustler | 1,075' |
| Tamarisk Anhydrite | 1,117' |
| Top of Salt | 1,330' |
| Base of Salt | 3,720' |
| Lamar | 3,920' |
| Bell Canyon | 3,947' |
| Cherry Canyon | 4,848' |
| Brushy Canyon | 6,188' |
| Bone Spring Lime | 7,857' |
| Leonard Shale | 7,944' |
| 1 st Bone Spring Sand | 8,828' |
| TD | 8,894' |

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

| | | |
|----------------------------------|---------|-------------|
| Upper Permian Sands | 0- 400' | Fresh Water |
| Cherry Canyon | 4,848' | Oil |
| Brushy Canyon | 6,188' | Oil |
| Leonard Shale | 7,944' | Oil |
| 1 st Bone Spring Sand | 8,828' | Oil |

No other Formations are expected to give up oil, gas or fresh water in measurable quantities. Surface fresh water sands will be protected by setting 13.375" casing at 1,145' and circulating cement back to surface.

**EOG RESOURCES, INC.
PHANTOM DRAW 20 FED UNIT #303H**

4. CASING PROGRAM - NEW

| Hole Size | Interval | Csg OD | Weight | Grade | Conn | DF _{min} Collapse | DF _{min} Burst | DF _{min} Tension |
|-----------|---------------------|---------|--------|---------|------|----------------------------|-------------------------|---------------------------|
| 17.5" | 0' – 1,145' | 13.375" | 54.5# | J-55 | STC | 1.125 | 1.25 | 1.60 |
| 12.25" | 0' – 3,820' | 9.625" | 40# | J-55 | LTC | 1.125 | 1.25 | 1.60 |
| 8.75" | 0' – 9,201' | 5.5" | 17# | HCP-110 | LTC | 1.125 | 1.25 | 1.60 |
| 8.5" | 9,201' – 13,898' | 5.5" | 17# | HCP-110 | LTC | 1.125 | 1.25 | 1.60 |

Variance is requested to waive the centralizer requirements for the 9-5/8" casing in the 12-1/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 12-1/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to waive any centralizer requirements for the 5-1/2" casing in the 8-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" hole interval to maximize cement bond and zonal isolation.

Cementing Program:

| Depth | No. Sacks | Wt. ppg | Yld Ft ³ /sk | Slurry Description |
|---------|-----------|---------|-------------------------|--|
| 1,145' | 500 | 13.5 | 1.73 | Lead: Class C + 4.0% Bentonite + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface) |
| | 160 | 14.8 | 1.34 | Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate (TOC @ 945') |
| 3,820' | 560 | 12.7 | 2.22 | Lead: Class C + 10% NaCl + 6% Bentonite Gel + 3% MagOx (TOC @ Surface) |
| | 250 | 14.8 | 1.32 | Tail: Class C + 10% NaCl + 3% MagOx (TOC @ 3,060') |
| 13,898' | 520 | 11.0 | 3.21 | Lead: Class C + 3% CaCl ₂ + 3% Microbond (TOC @ 3,320') |
| | 1,350 | 14.4 | 1.2 | Tail: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 8,451') |

**EOG RESOURCES, INC.
PHANTOM DRAW 20 FED UNIT #303H**

| Additive | Purpose |
|---------------------|---|
| Bentonite Gel | Lightweight/Lost circulation prevention |
| Calcium Chloride | Accelerator |
| Cello-flake | Lost circulation prevention |
| Sodium Metasilicate | Accelerator |
| MagOx | Expansive agent |
| Sodium Chloride | Accelerator |
| FL-62 | Fluid loss control |
| Halad-344 | Fluid loss control |
| Halad-9 | Fluid loss control |
| HR-601 | Retarder |
| Microbond | Expansive Agent |

Cement integrity tests will be performed immediately following plug bump.

Note: Cement volumes based on bit size plus at least 25% excess in the open hole plus 10% excess in the cased-hole overlap section.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Variance is requested to use a co-flex line between the BOP and choke manifold (instead of using a 4" OD steel line).

The minimum blowout preventer equipment (BOPE) shown in Exhibit #1 will consist of a single ram, mud cross and double ram-type (10,000 psi WP) preventer and an annular preventer (5,000-psi WP). Both units will be hydraulically operated and the ram-type will be equipped with blind rams on bottom and drill pipe rams on top. All BOPE will be tested in accordance with Onshore Oil & Gas order No. 2.

EOG will utilize wing unions on BOPE connections that can be isolated from wellbore pressure through means of a choke. All wing unions will be rated to a pressure that meets or exceeds the pressure rating of the BOPE system.

Variance is requested to use a 5,000 psi annular BOP with the 10,000 psi BOP stack.

Before drilling out of the surface casing, the ram-type BOP and accessory equipment will be tested to 10,000/ 250 psig and the annular preventer to 5,000/ 250 psig.

Pipe rams and blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets.

A hydraulically operated choke will be installed prior to drilling out of the intermediate casing shoe.

**EOG RESOURCES, INC.
PHANTOM DRAW 20 FED UNIT #303H**

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

During this procedure we plan to use a Closed-Loop System and haul contents to the required disposal.

The applicable depths and properties of the drilling fluid systems are as follows.

| Depth | Type | Weight (ppg) | Viscosity | Water Loss |
|------------------|-------------|--------------|-----------|------------|
| 0 – 1,145' | Fresh - Gel | 8.6-8.8 | 28-34 | N/c |
| 1,145' – 3,820' | Brine | 8.6-8.8 | 28-34 | N/c |
| 3,820' – 13,898' | Oil Base | 8.8-9.5 | 58-68 | N/c - 6 |

An electronic pit volume totalizer (PVT) will be utilized on the circulating system, to monitor pit volume, flow rate, pump pressure and stroke rate.

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

- (A) A kelly cock will be kept in the drill string at all times.
- (B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.
- (C) H₂S monitoring and detection equipment will be utilized from surface casing point to TD.

8. LOGGING, TESTING AND CORING PROGRAM:

Open-hole logs are not planned for this well.

GR-CCL Will be run in cased hole during completions phase of operations.

9. ABNORMAL CONDITIONS, PRESSURES, TEMPERATURES AND POTENTIAL HAZARDS:

The estimated bottom-hole temperature (BHT) at TD is 159 degrees F with an estimated maximum bottom-hole pressure (BHP) at TD of 4,394 psig and a maximum anticipated surface pressure of 2,437 psig (based on 9.5 ppg MW). No hydrogen sulfide or other hazardous gases or fluids have been encountered, reported or are known to exist at this depth in this area. Severe loss circulation is expected from 6,188' to TD.

**EOG RESOURCES, INC.
PHANTOM DRAW 20 FED UNIT #303H**

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

The drilling operation should be finished in approximately one month. If the well is productive, an additional 60-90 days will be required for completion and testing before a decision is made to install permanent facilities.

(A) EOG Resources requests the option to contract a Surface Rig to drill, set surface casing, and cement on the subject well. After WOC 8 hours or 500 psi compressive strength (whichever is greater), the Surface Rig will move off so the wellhead can be installed. A welder will cut the casing to the proper height and weld on the wellhead (both "A" and "B" sections). The weld will be tested to 1000 psi. All valves will be closed and a wellhead cap will be installed (diagram attached). If the timing between rigs is such that EOG Resources would not be able to preset the surface, the Primary Rig will MIRU and drill the well in its entirety per the APD.

11. WELLHEAD:

A multi-bowl wellhead system will be utilized.

After running the 13-3/8" surface casing, a 13-3/8" BOP/BOPE system with a minimum working pressure of 10,000 psi will be installed on the wellhead system and will be pressure tested to 250 psi low followed by a 10,000 psi pressure test. This pressure test will be repeated at least every 30 days, as per Onshore Order No. 2

The minimum working pressure of the BOP and related BOPE required for drilling below the surface casing shoe shall be 10,000 psi.

The multi-bowl wellhead will be installed by vendor's representative(s). A copy of the installation instructions for the Cameron Multi-Bowl WH system has been sent to the NM BLM office in Carlsbad, NM.

The wellhead will be installed by a third party welder while being monitored by WH vendor's representative.

All BOP equipment will be tested utilizing a conventional test plug. Not a cup or J-packer type. EOG Resources reserves the option to conduct BOPE testing during wait on cement periods provided a test plug is utilized.

A solid steel body pack-off will be utilized after running and cementing the intermediate casing. After installation the pack-off and lower flange will be pressure tested to 5000 psi.

Casing strings will be tested as per Onshore Order No. 2 to at least 0.22 psi/ft or 1500 psi, whichever is greater.

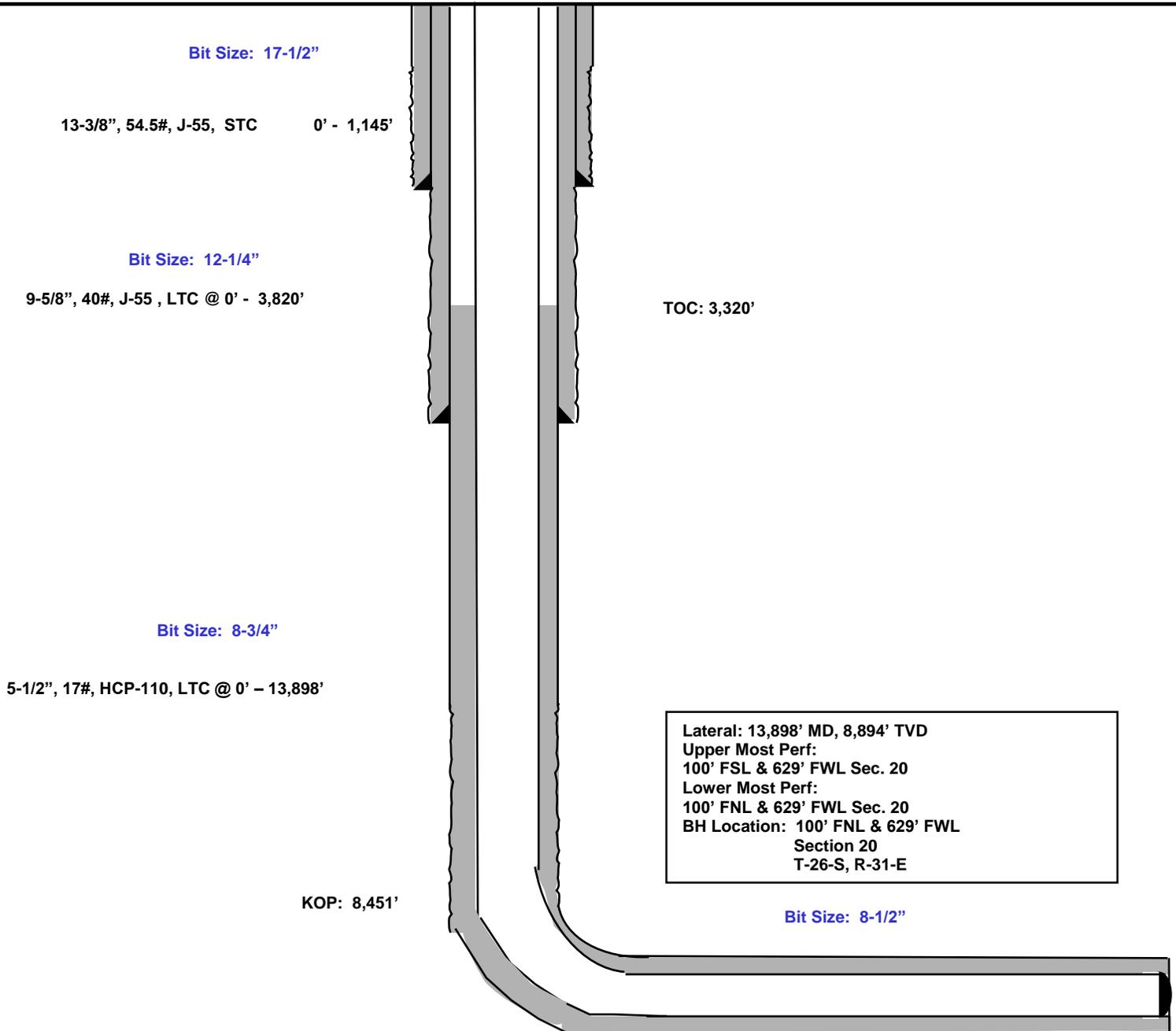
EOG RESOURCES, INC. PHANTOM DRAW 20 FED UNIT #303H

528' FSL
325' FWL
Section 20
T-26-S, R-31-E

Proposed Wellbore

KB: 3,208'
GL: 3,183'

API: 30-015-*****





EOG Resources - Midland

Eddy County, NM (NAD 83 NME)

Phantom Draw 20 Fed Unit

#303H

OH

Plan: Plan #0.1 RT

Standard Planning Report

09 July, 2020



EOG Resources
Planning Report

| | | | |
|------------------|------------------------------|-------------------------------------|-----------------------|
| Database: | EDM | Local Co-ordinate Reference: | Well #303H |
| Company: | EOG Resources - Midland | TVD Reference: | kb = 25' @ 3208.0usft |
| Project: | Eddy County, NM (NAD 83 NME) | MD Reference: | kb = 25' @ 3208.0usft |
| Site: | Phantom Draw 20 Fed Unit | North Reference: | Grid |
| Well: | #303H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #0.1 RT | | |

| | | | |
|--------------------|------------------------------|----------------------|----------------|
| Project | Eddy County, NM (NAD 83 NME) | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | New Mexico Eastern Zone | | |

| | | | | | |
|------------------------------|--------------------------|---------------------|-------------------|--------------------------|--------|
| Site | Phantom Draw 20 Fed Unit | | | | |
| Site Position: | Northing: | 371,925.00 usft | Latitude: | 32° 1' 16.875 N | |
| From: Map | Easting: | 708,555.00 usft | Longitude: | 103° 47' 37.607 W | |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | 0.29 ° |

| | | | | | | |
|-----------------------------|--------------|---------------|----------------------------|-----------------|----------------------|-------------------|
| Well | #303H | | | | | |
| Well Position | +N/-S | 307.0 usft | Northing: | 372,232.00 usft | Latitude: | 32° 1' 20.127 N |
| | +E/-W | -4,376.0 usft | Easting: | 704,179.00 usft | Longitude: | 103° 48' 28.419 W |
| Position Uncertainty | 0.0 usft | | Wellhead Elevation: | | Ground Level: | 3,183.0 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2020 | 7/8/2020 | 6.75 | 59.71 | 47,448.95072021 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Plan #0.1 RT | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 3.30 |

| | | | | |
|---------------------------------|------------------------|----------------------------|------------------|----------------|
| Plan Survey Tool Program | Date | 7/9/2020 | | |
| Depth From (usft) | Depth To (usft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.0 | 13,897.5 Plan #0.1 RT (OH) | EOG MWD+IFR1 | |
| | | | MWD + IFR1 | |

| Plan Sections | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|--------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,300.0 | 0.00 | 0.00 | 1,300.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,655.8 | 7.12 | 147.23 | 1,654.9 | -18.6 | 11.9 | 2.00 | 2.00 | 0.00 | 147.23 | |
| 5,878.5 | 7.12 | 147.23 | 5,845.1 | -458.4 | 295.1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 6,234.4 | 0.00 | 0.01 | 6,200.0 | -477.0 | 307.0 | 2.00 | -2.00 | 0.00 | 180.00 | |
| 8,450.9 | 0.00 | 0.01 | 8,416.5 | -477.0 | 307.0 | 0.00 | 0.00 | 0.00 | 0.00 | KOP(Phantom Draw 2 |
| 8,671.3 | 26.46 | 0.00 | 8,629.2 | -427.0 | 307.0 | 12.00 | 12.00 | 0.00 | 0.00 | FTP(Phantom Draw 2 |
| 9,200.8 | 90.00 | 359.59 | 8,893.9 | 0.5 | 304.9 | 12.00 | 12.00 | -0.08 | -0.46 | |
| 13,897.5 | 90.00 | 359.59 | 8,894.0 | 4,697.0 | 271.0 | 0.00 | 0.00 | 0.00 | 0.00 | PBHL(Phantom Draw |



EOG Resources
Planning Report

| | | | |
|------------------|------------------------------|-------------------------------------|-----------------------|
| Database: | EDM | Local Co-ordinate Reference: | Well #303H |
| Company: | EOG Resources - Midland | TVD Reference: | kb = 25' @ 3208.0usft |
| Project: | Eddy County, NM (NAD 83 NME) | MD Reference: | kb = 25' @ 3208.0usft |
| Site: | Phantom Draw 20 Fed Unit | North Reference: | Grid |
| Well: | #303H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #0.1 RT | | |

| Planned Survey | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|-------------|-------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N-S (usft) | +E-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 100.0 | 0.00 | 0.00 | 100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 200.0 | 0.00 | 0.00 | 200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 500.0 | 0.00 | 0.00 | 500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 600.0 | 0.00 | 0.00 | 600.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 700.0 | 0.00 | 0.00 | 700.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 800.0 | 0.00 | 0.00 | 800.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 900.0 | 0.00 | 0.00 | 900.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,000.0 | 0.00 | 0.00 | 1,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,100.0 | 0.00 | 0.00 | 1,100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,200.0 | 0.00 | 0.00 | 1,200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 0.00 | 0.00 | 1,300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 2.00 | 147.23 | 1,400.0 | -1.5 | 0.9 | -1.4 | 2.00 | 2.00 | 0.00 |
| 1,500.0 | 4.00 | 147.23 | 1,499.8 | -5.9 | 3.8 | -5.6 | 2.00 | 2.00 | 0.00 |
| 1,600.0 | 6.00 | 147.23 | 1,599.5 | -13.2 | 8.5 | -12.7 | 2.00 | 2.00 | 0.00 |
| 1,655.8 | 7.12 | 147.23 | 1,654.9 | -18.6 | 11.9 | -17.8 | 2.00 | 2.00 | 0.00 |
| 1,700.0 | 7.12 | 147.23 | 1,698.7 | -23.2 | 14.9 | -22.3 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 7.12 | 147.23 | 1,798.0 | -33.6 | 21.6 | -32.3 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 7.12 | 147.23 | 1,897.2 | -44.0 | 28.3 | -42.3 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 7.12 | 147.23 | 1,996.4 | -54.4 | 35.0 | -52.3 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 7.12 | 147.23 | 2,095.7 | -64.8 | 41.7 | -62.3 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 7.12 | 147.23 | 2,194.9 | -75.2 | 48.4 | -72.3 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 7.12 | 147.23 | 2,294.1 | -85.7 | 55.1 | -82.3 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 7.12 | 147.23 | 2,393.4 | -96.1 | 61.8 | -92.4 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 7.12 | 147.23 | 2,492.6 | -106.5 | 68.5 | -102.4 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 7.12 | 147.23 | 2,591.8 | -116.9 | 75.2 | -112.4 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 7.12 | 147.23 | 2,691.0 | -127.3 | 82.0 | -122.4 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 7.12 | 147.23 | 2,790.3 | -137.7 | 88.7 | -132.4 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 7.12 | 147.23 | 2,889.5 | -148.2 | 95.4 | -142.4 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 7.12 | 147.23 | 2,988.7 | -158.6 | 102.1 | -152.4 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 7.12 | 147.23 | 3,088.0 | -169.0 | 108.8 | -162.5 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 7.12 | 147.23 | 3,187.2 | -179.4 | 115.5 | -172.5 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 7.12 | 147.23 | 3,286.4 | -189.8 | 122.2 | -182.5 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 7.12 | 147.23 | 3,385.7 | -200.3 | 128.9 | -192.5 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 7.12 | 147.23 | 3,484.9 | -210.7 | 135.6 | -202.5 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 7.12 | 147.23 | 3,584.1 | -221.1 | 142.3 | -212.5 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 7.12 | 147.23 | 3,683.3 | -231.5 | 149.0 | -222.5 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 7.12 | 147.23 | 3,782.6 | -241.9 | 155.7 | -232.5 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 7.12 | 147.23 | 3,881.8 | -252.3 | 162.4 | -242.6 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 7.12 | 147.23 | 3,981.0 | -262.8 | 169.1 | -252.6 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 7.12 | 147.23 | 4,080.3 | -273.2 | 175.8 | -262.6 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 7.12 | 147.23 | 4,179.5 | -283.6 | 182.5 | -272.6 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 7.12 | 147.23 | 4,278.7 | -294.0 | 189.2 | -282.6 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 7.12 | 147.23 | 4,377.9 | -304.4 | 195.9 | -292.6 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 7.12 | 147.23 | 4,477.2 | -314.8 | 202.6 | -302.6 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 7.12 | 147.23 | 4,576.4 | -325.3 | 209.3 | -312.7 | 0.00 | 0.00 | 0.00 |
| 4,700.0 | 7.12 | 147.23 | 4,675.6 | -335.7 | 216.0 | -322.7 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 7.12 | 147.23 | 4,774.9 | -346.1 | 222.7 | -332.7 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 7.12 | 147.23 | 4,874.1 | -356.5 | 229.5 | -342.7 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 7.12 | 147.23 | 4,973.3 | -366.9 | 236.2 | -352.7 | 0.00 | 0.00 | 0.00 |
| 5,100.0 | 7.12 | 147.23 | 5,072.6 | -377.3 | 242.9 | -362.7 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 7.12 | 147.23 | 5,171.8 | -387.8 | 249.6 | -372.7 | 0.00 | 0.00 | 0.00 |



EOG Resources
Planning Report

| | | | |
|------------------|------------------------------|-------------------------------------|-----------------------|
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| Company: | EOG Resources - Midland | TVD Reference: | kb = 25' @ 3208.0usft |
| Project: | Eddy County, NM (NAD 83 NME) | MD Reference: | kb = 25' @ 3208.0usft |
| Site: | Phantom Draw 20 Fed Unit | North Reference: | Grid |
| Well: | #303H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #0.1 RT | | |

| Planned Survey | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 5,300.0 | 7.12 | 147.23 | 5,271.0 | -398.2 | 256.3 | -382.8 | 0.00 | 0.00 | 0.00 | |
| 5,400.0 | 7.12 | 147.23 | 5,370.2 | -408.6 | 263.0 | -392.8 | 0.00 | 0.00 | 0.00 | |
| 5,500.0 | 7.12 | 147.23 | 5,469.5 | -419.0 | 269.7 | -402.8 | 0.00 | 0.00 | 0.00 | |
| 5,600.0 | 7.12 | 147.23 | 5,568.7 | -429.4 | 276.4 | -412.8 | 0.00 | 0.00 | 0.00 | |
| 5,700.0 | 7.12 | 147.23 | 5,667.9 | -439.8 | 283.1 | -422.8 | 0.00 | 0.00 | 0.00 | |
| 5,800.0 | 7.12 | 147.23 | 5,767.2 | -450.3 | 289.8 | -432.8 | 0.00 | 0.00 | 0.00 | |
| 5,878.5 | 7.12 | 147.23 | 5,845.1 | -458.4 | 295.1 | -440.7 | 0.00 | 0.00 | 0.00 | |
| 5,900.0 | 6.69 | 147.23 | 5,866.4 | -460.6 | 296.5 | -442.8 | 2.00 | -2.00 | 0.00 | |
| 6,000.0 | 4.69 | 147.23 | 5,965.9 | -468.9 | 301.8 | -450.8 | 2.00 | -2.00 | 0.00 | |
| 6,100.0 | 2.69 | 147.23 | 6,065.7 | -474.4 | 305.3 | -456.0 | 2.00 | -2.00 | 0.00 | |
| 6,200.0 | 0.69 | 147.23 | 6,165.6 | -476.8 | 306.9 | -458.4 | 2.00 | -2.00 | 0.00 | |
| 6,234.4 | 0.00 | 0.01 | 6,200.0 | -477.0 | 307.0 | -458.5 | 2.00 | -2.00 | 0.00 | |
| 6,300.0 | 0.00 | 0.00 | 6,265.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 6,400.0 | 0.00 | 0.00 | 6,365.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 6,500.0 | 0.00 | 0.00 | 6,465.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 6,600.0 | 0.00 | 0.00 | 6,565.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 6,700.0 | 0.00 | 0.00 | 6,665.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 6,800.0 | 0.00 | 0.00 | 6,765.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 6,900.0 | 0.00 | 0.00 | 6,865.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 7,000.0 | 0.00 | 0.00 | 6,965.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 7,100.0 | 0.00 | 0.00 | 7,065.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 7,200.0 | 0.00 | 0.00 | 7,165.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 7,300.0 | 0.00 | 0.00 | 7,265.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 7,400.0 | 0.00 | 0.00 | 7,365.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 7,500.0 | 0.00 | 0.00 | 7,465.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 7,600.0 | 0.00 | 0.00 | 7,565.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 7,700.0 | 0.00 | 0.00 | 7,665.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 7,800.0 | 0.00 | 0.00 | 7,765.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 7,900.0 | 0.00 | 0.00 | 7,865.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 8,000.0 | 0.00 | 0.00 | 7,965.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 8,100.0 | 0.00 | 0.00 | 8,065.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 8,200.0 | 0.00 | 0.00 | 8,165.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 8,300.0 | 0.00 | 0.00 | 8,265.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 8,400.0 | 0.00 | 0.00 | 8,365.6 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 8,450.9 | 0.00 | 0.01 | 8,416.5 | -477.0 | 307.0 | -458.5 | 0.00 | 0.00 | 0.00 | |
| 8,475.0 | 2.90 | 0.00 | 8,440.6 | -476.4 | 307.0 | -457.9 | 12.00 | 12.00 | 0.00 | |
| 8,500.0 | 5.90 | 0.00 | 8,465.6 | -474.5 | 307.0 | -456.0 | 12.00 | 12.00 | 0.00 | |
| 8,525.0 | 8.90 | 0.00 | 8,490.3 | -471.3 | 307.0 | -452.8 | 12.00 | 12.00 | 0.00 | |
| 8,550.0 | 11.90 | 0.00 | 8,514.9 | -466.7 | 307.0 | -448.3 | 12.00 | 12.00 | 0.00 | |
| 8,575.0 | 14.90 | 0.00 | 8,539.2 | -460.9 | 307.0 | -442.5 | 12.00 | 12.00 | 0.00 | |
| 8,600.0 | 17.90 | 0.00 | 8,563.2 | -453.9 | 307.0 | -435.5 | 12.00 | 12.00 | 0.00 | |
| 8,625.0 | 20.90 | 0.00 | 8,586.8 | -445.6 | 307.0 | -427.2 | 12.00 | 12.00 | 0.00 | |
| 8,650.0 | 23.90 | 0.00 | 8,609.9 | -436.1 | 307.0 | -417.7 | 12.00 | 12.00 | 0.00 | |
| 8,671.3 | 26.46 | 0.00 | 8,629.2 | -427.0 | 307.0 | -408.6 | 12.00 | 12.00 | 0.00 | |
| 8,675.0 | 26.90 | 359.99 | 8,632.5 | -425.3 | 307.0 | -407.0 | 12.00 | 12.00 | -0.21 | |
| 8,700.0 | 29.90 | 359.94 | 8,654.5 | -413.5 | 307.0 | -395.1 | 12.00 | 12.00 | -0.19 | |
| 8,725.0 | 32.90 | 359.90 | 8,675.8 | -400.4 | 307.0 | -382.1 | 12.00 | 12.00 | -0.16 | |
| 8,750.0 | 35.90 | 359.87 | 8,696.5 | -386.3 | 306.9 | -368.0 | 12.00 | 12.00 | -0.14 | |
| 8,775.0 | 38.90 | 359.84 | 8,716.3 | -371.1 | 306.9 | -352.8 | 12.00 | 12.00 | -0.12 | |
| 8,800.0 | 41.90 | 359.82 | 8,735.3 | -354.9 | 306.9 | -336.7 | 12.00 | 12.00 | -0.10 | |
| 8,825.0 | 44.90 | 359.79 | 8,753.5 | -337.7 | 306.8 | -319.5 | 12.00 | 12.00 | -0.09 | |
| 8,850.0 | 47.90 | 359.77 | 8,770.7 | -319.6 | 306.7 | -301.4 | 12.00 | 12.00 | -0.08 | |
| 8,875.0 | 50.90 | 359.75 | 8,787.0 | -300.7 | 306.7 | -282.5 | 12.00 | 12.00 | -0.07 | |
| 8,900.0 | 53.90 | 359.74 | 8,802.3 | -280.9 | 306.6 | -262.7 | 12.00 | 12.00 | -0.07 | |



EOG Resources
Planning Report

| | | | |
|------------------|------------------------------|-------------------------------------|-----------------------|
| Database: | EDM | Local Co-ordinate Reference: | Well #303H |
| Company: | EOG Resources - Midland | TVD Reference: | kb = 25' @ 3208.0usft |
| Project: | Eddy County, NM (NAD 83 NME) | MD Reference: | kb = 25' @ 3208.0usft |
| Site: | Phantom Draw 20 Fed Unit | North Reference: | Grid |
| Well: | #303H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #0.1 RT | | |

| Planned Survey | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 8,925.0 | 56.90 | 359.72 | 8,816.5 | -260.3 | 306.5 | -242.2 | 12.00 | 12.00 | -0.06 |
| 8,950.0 | 59.90 | 359.71 | 8,829.6 | -239.0 | 306.4 | -221.0 | 12.00 | 12.00 | -0.06 |
| 8,975.0 | 62.90 | 359.69 | 8,841.5 | -217.0 | 306.2 | -199.0 | 12.00 | 12.00 | -0.06 |
| 9,000.0 | 65.90 | 359.68 | 8,852.3 | -194.5 | 306.1 | -176.6 | 12.00 | 12.00 | -0.05 |
| 9,025.0 | 68.90 | 359.67 | 8,861.9 | -171.4 | 306.0 | -153.5 | 12.00 | 12.00 | -0.05 |
| 9,050.0 | 71.90 | 359.65 | 8,870.3 | -147.9 | 305.9 | -130.0 | 12.00 | 12.00 | -0.05 |
| 9,075.0 | 74.90 | 359.64 | 8,877.5 | -123.9 | 305.7 | -106.1 | 12.00 | 12.00 | -0.05 |
| 9,100.0 | 77.90 | 359.63 | 8,883.3 | -99.6 | 305.6 | -81.9 | 12.00 | 12.00 | -0.05 |
| 9,125.0 | 80.90 | 359.62 | 8,887.9 | -75.1 | 305.4 | -57.3 | 12.00 | 12.00 | -0.04 |
| 9,150.0 | 83.90 | 359.61 | 8,891.2 | -50.3 | 305.2 | -32.6 | 12.00 | 12.00 | -0.04 |
| 9,175.0 | 86.90 | 359.60 | 8,893.2 | -25.4 | 305.1 | -7.8 | 12.00 | 12.00 | -0.04 |
| 9,200.8 | 90.00 | 359.59 | 8,893.9 | 0.5 | 304.9 | 18.0 | 12.00 | 12.00 | -0.04 |
| 9,300.0 | 90.00 | 359.59 | 8,893.9 | 99.6 | 304.2 | 117.0 | 0.00 | 0.00 | 0.00 |
| 9,400.0 | 90.00 | 359.59 | 8,893.9 | 199.6 | 303.4 | 216.8 | 0.00 | 0.00 | 0.00 |
| 9,500.0 | 90.00 | 359.59 | 8,893.9 | 299.6 | 302.7 | 316.6 | 0.00 | 0.00 | 0.00 |
| 9,600.0 | 90.00 | 359.59 | 8,894.0 | 399.6 | 302.0 | 416.3 | 0.00 | 0.00 | 0.00 |
| 9,700.0 | 90.00 | 359.59 | 8,894.0 | 499.6 | 301.3 | 516.1 | 0.00 | 0.00 | 0.00 |
| 9,800.0 | 90.00 | 359.59 | 8,894.0 | 599.6 | 300.5 | 615.9 | 0.00 | 0.00 | 0.00 |
| 9,900.0 | 90.00 | 359.59 | 8,894.0 | 699.6 | 299.8 | 715.7 | 0.00 | 0.00 | 0.00 |
| 10,000.0 | 90.00 | 359.59 | 8,894.0 | 799.6 | 299.1 | 815.5 | 0.00 | 0.00 | 0.00 |
| 10,100.0 | 90.00 | 359.59 | 8,894.0 | 899.6 | 298.4 | 915.3 | 0.00 | 0.00 | 0.00 |
| 10,200.0 | 90.00 | 359.59 | 8,894.0 | 999.6 | 297.7 | 1,015.1 | 0.00 | 0.00 | 0.00 |
| 10,300.0 | 90.00 | 359.59 | 8,894.0 | 1,099.6 | 296.9 | 1,114.9 | 0.00 | 0.00 | 0.00 |
| 10,400.0 | 90.00 | 359.59 | 8,894.0 | 1,199.6 | 296.2 | 1,214.7 | 0.00 | 0.00 | 0.00 |
| 10,500.0 | 90.00 | 359.59 | 8,894.0 | 1,299.6 | 295.5 | 1,314.4 | 0.00 | 0.00 | 0.00 |
| 10,600.0 | 90.00 | 359.59 | 8,894.0 | 1,399.6 | 294.8 | 1,414.2 | 0.00 | 0.00 | 0.00 |
| 10,700.0 | 90.00 | 359.59 | 8,894.0 | 1,499.6 | 294.1 | 1,514.0 | 0.00 | 0.00 | 0.00 |
| 10,800.0 | 90.00 | 359.59 | 8,894.0 | 1,599.6 | 293.3 | 1,613.8 | 0.00 | 0.00 | 0.00 |
| 10,900.0 | 90.00 | 359.59 | 8,894.0 | 1,699.6 | 292.6 | 1,713.6 | 0.00 | 0.00 | 0.00 |
| 11,000.0 | 90.00 | 359.59 | 8,894.0 | 1,799.6 | 291.9 | 1,813.4 | 0.00 | 0.00 | 0.00 |
| 11,100.0 | 90.00 | 359.59 | 8,894.0 | 1,899.6 | 291.2 | 1,913.2 | 0.00 | 0.00 | 0.00 |
| 11,200.0 | 90.00 | 359.59 | 8,894.0 | 1,999.6 | 290.5 | 2,013.0 | 0.00 | 0.00 | 0.00 |
| 11,300.0 | 90.00 | 359.59 | 8,894.0 | 2,099.6 | 289.7 | 2,112.8 | 0.00 | 0.00 | 0.00 |
| 11,400.0 | 90.00 | 359.59 | 8,894.0 | 2,199.6 | 289.0 | 2,212.6 | 0.00 | 0.00 | 0.00 |
| 11,500.0 | 90.00 | 359.59 | 8,894.0 | 2,299.6 | 288.3 | 2,312.3 | 0.00 | 0.00 | 0.00 |
| 11,600.0 | 90.00 | 359.59 | 8,894.0 | 2,399.6 | 287.6 | 2,412.1 | 0.00 | 0.00 | 0.00 |
| 11,700.0 | 90.00 | 359.59 | 8,894.0 | 2,499.6 | 286.8 | 2,511.9 | 0.00 | 0.00 | 0.00 |
| 11,800.0 | 90.00 | 359.59 | 8,894.0 | 2,599.6 | 286.1 | 2,611.7 | 0.00 | 0.00 | 0.00 |
| 11,900.0 | 90.00 | 359.59 | 8,894.0 | 2,699.5 | 285.4 | 2,711.5 | 0.00 | 0.00 | 0.00 |
| 12,000.0 | 90.00 | 359.59 | 8,894.0 | 2,799.5 | 284.7 | 2,811.3 | 0.00 | 0.00 | 0.00 |
| 12,100.0 | 90.00 | 359.59 | 8,894.0 | 2,899.5 | 284.0 | 2,911.1 | 0.00 | 0.00 | 0.00 |
| 12,200.0 | 90.00 | 359.59 | 8,894.0 | 2,999.5 | 283.2 | 3,010.9 | 0.00 | 0.00 | 0.00 |
| 12,300.0 | 90.00 | 359.59 | 8,894.0 | 3,099.5 | 282.5 | 3,110.7 | 0.00 | 0.00 | 0.00 |
| 12,400.0 | 90.00 | 359.59 | 8,894.0 | 3,199.5 | 281.8 | 3,210.5 | 0.00 | 0.00 | 0.00 |
| 12,500.0 | 90.00 | 359.59 | 8,894.0 | 3,299.5 | 281.1 | 3,310.2 | 0.00 | 0.00 | 0.00 |
| 12,600.0 | 90.00 | 359.59 | 8,894.0 | 3,399.5 | 280.4 | 3,410.0 | 0.00 | 0.00 | 0.00 |
| 12,700.0 | 90.00 | 359.59 | 8,894.0 | 3,499.5 | 279.6 | 3,509.8 | 0.00 | 0.00 | 0.00 |
| 12,800.0 | 90.00 | 359.59 | 8,894.0 | 3,599.5 | 278.9 | 3,609.6 | 0.00 | 0.00 | 0.00 |
| 12,900.0 | 90.00 | 359.59 | 8,894.0 | 3,699.5 | 278.2 | 3,709.4 | 0.00 | 0.00 | 0.00 |
| 13,000.0 | 90.00 | 359.59 | 8,894.0 | 3,799.5 | 277.5 | 3,809.2 | 0.00 | 0.00 | 0.00 |
| 13,100.0 | 90.00 | 359.59 | 8,894.0 | 3,899.5 | 276.8 | 3,909.0 | 0.00 | 0.00 | 0.00 |
| 13,200.0 | 90.00 | 359.59 | 8,894.0 | 3,999.5 | 276.0 | 4,008.8 | 0.00 | 0.00 | 0.00 |
| 13,300.0 | 90.00 | 359.59 | 8,894.0 | 4,099.5 | 275.3 | 4,108.6 | 0.00 | 0.00 | 0.00 |
| 13,400.0 | 90.00 | 359.59 | 8,894.0 | 4,199.5 | 274.6 | 4,208.4 | 0.00 | 0.00 | 0.00 |



EOG Resources
Planning Report

| | | | |
|------------------|------------------------------|-------------------------------------|-----------------------|
| Database: | EDM | Local Co-ordinate Reference: | Well #303H |
| Company: | EOG Resources - Midland | TVD Reference: | kb = 25' @ 3208.0usft |
| Project: | Eddy County, NM (NAD 83 NME) | MD Reference: | kb = 25' @ 3208.0usft |
| Site: | Phantom Draw 20 Fed Unit | North Reference: | Grid |
| Well: | #303H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #0.1 RT | | |

| Planned Survey | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 13,500.0 | 90.00 | 359.59 | 8,894.0 | 4,299.5 | 273.9 | 4,308.1 | 0.00 | 0.00 | 0.00 | |
| 13,600.0 | 90.00 | 359.59 | 8,894.0 | 4,399.5 | 273.1 | 4,407.9 | 0.00 | 0.00 | 0.00 | |
| 13,700.0 | 90.00 | 359.59 | 8,894.0 | 4,499.5 | 272.4 | 4,507.7 | 0.00 | 0.00 | 0.00 | |
| 13,800.0 | 90.00 | 359.59 | 8,894.0 | 4,599.5 | 271.7 | 4,607.5 | 0.00 | 0.00 | 0.00 | |
| 13,897.5 | 90.00 | 359.59 | 8,894.0 | 4,697.0 | 271.0 | 4,704.8 | 0.00 | 0.00 | 0.00 | |

| Design Targets | | | | | | | | | | |
|---|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------------|-------------------|--|
| Target Name - hit/miss target - Shape | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude | |
| KOP(Phantom Draw 20 - plan hits target center - Point | 0.00 | 0.01 | 8,416.5 | -477.0 | 307.0 | 371,755.00 | 704,486.00 | 32° 1' 15.391 N | 103° 48' 24.880 W | |
| FTP(Phantom Draw 20 F - plan hits target center - Point | 0.00 | 0.00 | 8,629.2 | -427.0 | 307.0 | 371,805.00 | 704,486.00 | 32° 1' 15.886 N | 103° 48' 24.877 W | |
| PBHL(Phantom Draw 2C - plan hits target center - Point | 0.00 | 0.00 | 8,894.0 | 4,697.0 | 271.0 | 376,929.00 | 704,450.00 | 32° 2' 6.595 N | 103° 48' 25.006 W | |



Eddy County, NM (NAD 83 NME)
 Phantom Draw 20 Fed Unit #303H
 Plan #0.1 RT

Azimuths to Grid North
 True North: -0.28°
 Magnetic North: 6.47°

Magnetic Field
 Strength: 47449.0nT
 Dip Angle: 59.71°
 Date: 7/8/2020
 Model: IGRF2020

To convert a Magnetic Direction to a Grid Direction, Add 6.47°
 To convert a Magnetic Direction to a True Direction, Add 6.75° East
 To convert a True Direction to a Grid Direction, Subtract 0.28°

PROJECT DETAILS: Eddy County, NM (NAD 83 NME)
 Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone
 System Datum: Mean Sea Level

WELL DETAILS: #303H

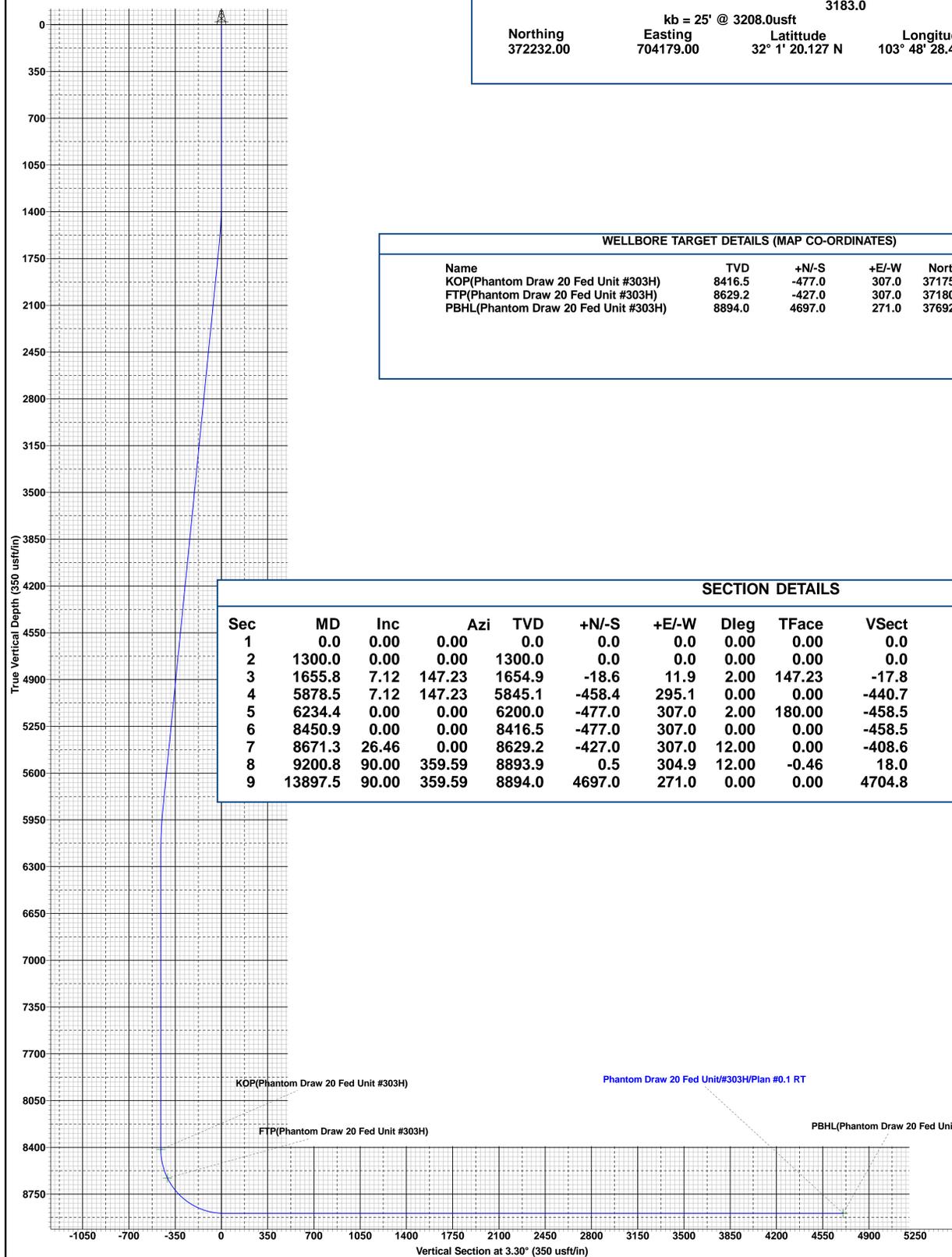
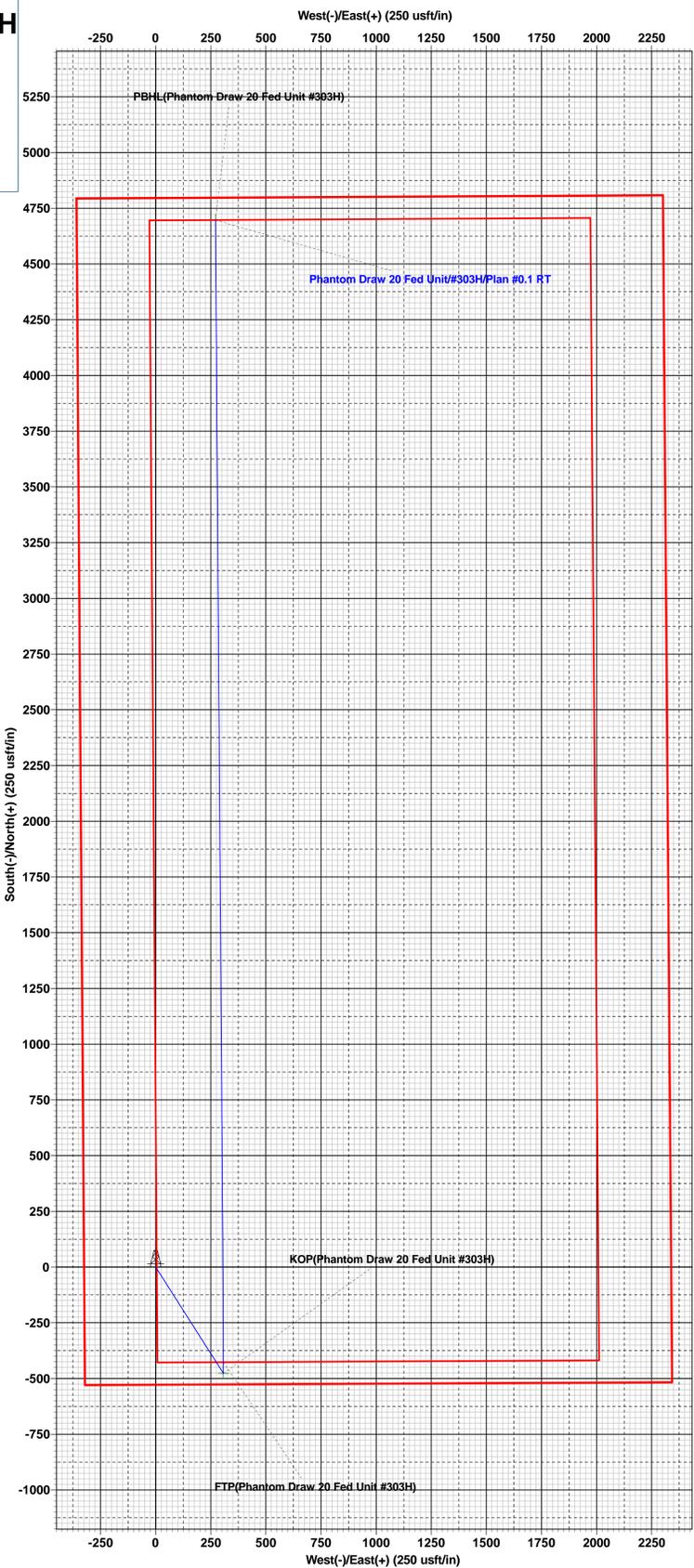
| | |
|-----------------------|--------------------------------|
| kb = 25' @ 3208.0usft | 3183.0 |
| Northing 372232.00 | Longitude 103° 48' 28.419 W |
| Easting 704179.00 | Latitude 32° 1' 20.127 N |

WELBORE TARGET DETAILS (MAP CO-ORDINATES)

| Name | TVD | +N/-S | +E/-W | Northing | Easting |
|--------------------------------------|--------|--------|-------|-----------|-----------|
| KOP(Phantom Draw 20 Fed Unit #303H) | 8416.5 | -477.0 | 307.0 | 371755.00 | 704486.00 |
| FTP(Phantom Draw 20 Fed Unit #303H) | 8629.2 | -427.0 | 307.0 | 371805.00 | 704486.00 |
| PBHL(Phantom Draw 20 Fed Unit #303H) | 8894.0 | 4697.0 | 271.0 | 376929.00 | 704450.00 |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSect | Target |
|-----|---------|-------|--------|--------|--------|-------|-------|--------|--------|--------------------------------------|
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 2 | 1300.0 | 0.00 | 0.00 | 1300.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 1655.8 | 7.12 | 147.23 | 1654.9 | -18.6 | 11.9 | 2.00 | 147.23 | -17.8 | |
| 4 | 5878.5 | 7.12 | 147.23 | 5845.1 | -458.4 | 295.1 | 0.00 | 0.00 | -440.7 | |
| 5 | 6234.4 | 0.00 | 0.00 | 6200.0 | -477.0 | 307.0 | 2.00 | 180.00 | -458.5 | |
| 6 | 8450.9 | 0.00 | 0.00 | 8416.5 | -477.0 | 307.0 | 0.00 | 0.00 | -458.5 | KOP(Phantom Draw 20 Fed Unit #303H) |
| 7 | 8671.3 | 26.46 | 0.00 | 8629.2 | -427.0 | 307.0 | 12.00 | 0.00 | -408.6 | FTP(Phantom Draw 20 Fed Unit #303H) |
| 8 | 9200.8 | 90.00 | 359.59 | 8893.9 | 0.5 | 304.9 | 12.00 | -0.46 | 18.0 | |
| 9 | 13897.5 | 90.00 | 359.59 | 8894.0 | 4697.0 | 271.0 | 0.00 | 0.00 | 4704.8 | PBHL(Phantom Draw 20 Fed Unit #303H) |



PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

| | |
|------------------------------|--|
| OPERATOR'S NAME: | EOG RESOURCES INCORPORATED |
| WELL NAME & NO.: | PHANTOM DRAW 20 FED UNIT 301H |
| SURFACE HOLE FOOTAGE: | 245'/S & 357'/E |
| BOTTOM HOLE FOOTAGE: | 100'/N & 629'/E |
| LOCATION: | Section 20, T.26 S., R.31 E., NMP |
| COUNTY: | Eddy County, New Mexico |

| | |
|------------------------------|--|
| OPERATOR'S NAME: | EOG RESOURCES INCORPORATED |
| WELL NAME & NO.: | PHANTOM DRAW 20 FED UNIT 302H |
| SURFACE HOLE FOOTAGE: | 510'/S & 2310'/E |
| BOTTOM HOLE FOOTAGE: | 100'/N & 2630'/E |
| LOCATION: | Section 20, T.26 S., R.31 E., NMP |
| COUNTY: | Eddy County, New Mexico |

| | |
|------------------------------|--|
| OPERATOR'S NAME: | EOG RESOURCES INCORPORATED |
| WELL NAME & NO.: | PHANTOM DRAW 20 FED UNIT 303H |
| SURFACE HOLE FOOTAGE: | 528'/S & 325'/W |
| BOTTOM HOLE FOOTAGE: | 100'/N & 629'/W |
| LOCATION: | Section 20, T.26 S., R.31 E., NMP |
| COUNTY: | Eddy County, New Mexico |

COA

| | | | |
|----------------------|---|--|--|
| H2S | <input type="radio"/> Yes | <input checked="" type="radio"/> No | |
| Potash | <input checked="" type="radio"/> None | <input type="radio"/> Secretary | <input type="radio"/> R-111-P |
| Cave/Karst Potential | <input type="radio"/> Low | <input checked="" type="radio"/> Medium | <input type="radio"/> High |
| Variance | <input type="radio"/> None | <input checked="" type="radio"/> Flex Hose | <input type="radio"/> Other |
| Wellhead | <input type="radio"/> Conventional | <input checked="" type="radio"/> Multibowl | <input type="radio"/> Both |
| Other | <input type="checkbox"/> 4 String Area | <input type="checkbox"/> Capitan Reef | <input type="checkbox"/> WIPP |
| Other | <input type="checkbox"/> Fluid Filled | <input type="checkbox"/> Cement Squeeze | <input type="checkbox"/> Pilot Hole |
| Special Requirements | <input type="checkbox"/> Water Disposal | <input type="checkbox"/> COM | <input checked="" type="checkbox"/> Unit |

A. Hydrogen Sulfide

1. Hydrogen Sulfide (H2S) monitors shall be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the Hydrogen Sulfide area shall meet Onshore Order 6 requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, provide measured values and formations to the BLM.

**EOG RESOURCES, INC.
PHANTOM DRAW 20 FED UNIT #303H**

Hydrogen Sulfide Plan Summary

- A. All personnel shall receive proper H₂S training in accordance with Onshore Order III.C.3.a.
- B. Briefing Area: two perpendicular areas will be designated by signs and readily accessible.
- C. Required Emergency Equipment:

- Well control equipment
 - a. Flare line 150' from wellhead to be ignited by flare gun.
 - b. Choke manifold with a remotely operated choke.
 - c. Mud/gas separator
- Protective equipment for essential personnel.

Breathing apparatus:

- a. Rescue Packs (SCBA) — 1 unit shall be placed at each breathing area, 2 shall be stored in the safety trailer.
- b. Work/Escape packs —4 packs shall be stored on the rig floor with sufficient air hose not to restrict work activity.
- c. Emergency Escape Packs —4 packs shall be stored in the doghouse for emergency evacuation.

Auxiliary Rescue Equipment:

- a. Stretcher
- b. Two OSHA full body harness
- c. 100 ft 5/8 inch OSHA approved rope
- d. 1-20# class ABC fire extinguisher

- H₂S detection and monitoring equipment:
The stationary detector with three sensors will be placed in the upper dog house if equipped, set to visually alarm @ 10 ppm and audible @ 14 ppm. Calibrate a minimum of every 30 days or as needed. The sensors will be placed in the following places: Rig floor / Bell nipple / End of flow line or where well bore fluid is being discharged.
(Gas sample tubes will be stored in the safety trailer)

- Visual warning systems.
 - a. One color code condition sign will be placed at the entrance to the site reflecting the possible conditions at the site.
 - b. A colored condition flag will be on display, reflecting the current condition at the site at the time.
 - c. Two wind socks will be placed in strategic locations, visible from all angles.

**EOG RESOURCES, INC.
PHANTOM DRAW 20 FED UNIT #303H**

- **Mud program:**
The mud program has been designed to minimize the volume of H₂S circulated to surface. The operator will have the necessary mud products to minimize hazards while drilling in H₂S bearing zones.

- **Metallurgy:**
All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H₂S service.

- **Communication:**
Communication will be via cell phones and land lines where available.

**EOG RESOURCES, INC.
PHANTOM DRAW 20 FED UNIT #303H**

Emergency Assistance Telephone List

PUBLIC SAFETY: **911 or**

| | |
|---------------------------------|----------------|
| Lea County Sheriff's Department | (575) 396-3611 |
| Rod Coffman | |
| Fire Department: | |
| Carlsbad | (575) 885-3125 |
| Artesia | (575) 746-5050 |
| Hospitals: | |
| Carlsbad | (575) 887-4121 |
| Artesia | (575) 748-3333 |
| Hobbs | (575) 392-1979 |
| Dept. of Public Safety/Carlsbad | (575) 748-9718 |
| Highway Department | (575) 885-3281 |
| New Mexico Oil Conservation | (575) 476-3440 |
| U.S. Dept. of Labor | (575) 887-1174 |

EOG Resources, Inc.

| | |
|---------------|-----------------------|
| EOG / Midland | Office (432) 686-3600 |
|---------------|-----------------------|

Company Drilling Consultants:

| | |
|--------------|---------------------|
| Jett Dueitt | Cell (432) 230-4840 |
| Blake Burney | |

Drilling Engineer

| | |
|---------------|-----------------------|
| Steve Munsell | Office (432) 686-3609 |
| | Cell (432) 894-1256 |

Drilling Manager

| | |
|---------|-----------------------|
| Aj Dach | Office (432) 686-3751 |
| | Cell (817) 480-1167 |

Drilling Superintendent

| | |
|----------------|-----------------------|
| Jason Townsend | Office (432) 848-9209 |
| | Cell (210) 776-5131 |

H&P Drilling

| | |
|----------------------|-----------------------|
| H&P Drilling | Office (432) 563-5757 |
| H&P 415 Drilling Rig | Rig (432) 230-4840 |

Tool Pusher:

| | |
|-----------------|---------------------|
| Johnathan Craig | Cell (817) 760-6374 |
| Brad Garrett | |

Safety

| | |
|------------------------------|-----------------------|
| Brian Chandler (HSE Manager) | Office (432) 686-3695 |
| | Cell (817) 239-0251 |

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

COMMENTS

Action 37526

COMMENTS

| | |
|--|---|
| Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702 | OGRID: 7377 |
| | Action Number: 37526 |
| | Action Type: [C-101] BLM - Federal/Indian Land Lease (Form 3160-3) |

COMMENTS

| Created By | Comment | Comment Date |
|------------|-------------------------|--------------|
| kpickford | KP GEO Review 7/27/2021 | 7/27/2021 |

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 37526

CONDITIONS

| | |
|--|---|
| Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702 | OGRID: 7377 |
| | Action Number: 37526 |
| | Action Type: [C-101] BLM - Federal/Indian Land Lease (Form 3160-3) |
| | |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| kpickford | Notify OCD 24 hours prior to casing & cement | 7/27/2021 |
| kpickford | Will require a File As Drilled C-102 and a Directional Survey with the C-104 | 7/27/2021 |
| kpickford | Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string | 7/27/2021 |
| kpickford | Cement is required to circulate on both surface and intermediate1 strings of casing | 7/27/2021 |
| kpickford | Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system | 7/27/2021 |