Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No. NMNM126493

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No. DRIVER 14 FED COM/705H

2. Name of Operator EOG RESOURCES INCORPORATED

9. API Well No. **30-025-53209**

3a. Address 1111 BAGBY SKY LOBBY 2, HOUSTON, TX 77(

3b. Phone No. *(include area code)* (713) 651-7000

10. Field and Pool or Exploratory Area BELL LAKE/WOLFCAMP, NORTH

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* SEC 14/T23S/R33E/NMP

11. Country or Parish, State LEA/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☑ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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 perfonned 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 detennined that the site is ready for final inspection.)

EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes:

DRIVER 14 FED COM 705H API #: 30-025-*****

The original well DRIVER 14 FED COM #307H (API: 30-025-51969) has been P&A'd (Sundry ID: 2800260). We request that the old well be renamed to DRIVER 14 FED COM #307Y. The replacement well proposed will take the name DRIVER 14 FED COM #705H. No new surface disturbance or pad expansion is required.

Reason for Skid: While running the 8-3/4" intermediate casing in the 9-7/8" hole, the casing got stuck at 8,171' MD (8,094' TVD, hole drilled to 11,704' MD/11,550' TVD). We were unable to get the casing out and could not establish returns. Decision was made to cement casing in place and P&A/skid the well 15'

Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)* STAR HARRELL / Ph: (432) 848-9161

Title Regulatory Specialist

Signature (Electronic Submission)

Date 07/11/2024

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by CHRISTOPHER WALLS / Ph: (575) 234-2234 / Approved

Title Petroleum Engineer

Date 07/16/2024

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)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law 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, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

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. 396; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.
ROUTINE USES: 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 in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.
EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.
Response to this request is mandatory.
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 ofthis form to U.S. Department ofthe Interior, Bureau ofLand Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Additional Remarks

to the west and drill new wellbore. The current wellbore will be P&A'd once the rig is off location and another operator has completed nearby frac operations. Estimated date for P&A is 10/1/2024.

Location of Well

0. SHL: TR N / 1002 FSL / 1394 FWL / TWSP: 23S / RANGE: 33E / SECTION: 14 / LAT: 32.2997857 / LONG: -103.5434571 (TVD: 0 feet, MD: 0 feet)

PPP: TR O / 100 FSL / 2230 FEL / TWSP: 23S / RANGE: 33E / SECTION: 14 / LAT: 32.2976944 / LONG: -103.5418292 (TVD: 10135 feet, MD: 10226 feet)

BHL: TR B / 100 FNL / 330 FWL / TWSP: 23S / RANGE: 33E / SECTION: 11 / LAT: 32.3261837 / LONG: -103.5418444 (TVD: 10400 feet, MD: 20694 feet)

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	Pool Code	Pool Name
30-025-53209	5170	Bell Lake; Wolfcamp, North

Property Code	Property Name	Well Number
331169	DRIVER 14 FED COM	705H

OGRID No.	Operator Name	Elevation
7377	EOG RESOURCES, INC.	3678'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	14	23-S	33-E	-	1002'	SOUTH	1379'	WEST	LEA

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	11	23-S	33-E	-	100'	NORTH	330'	WEST	LEA

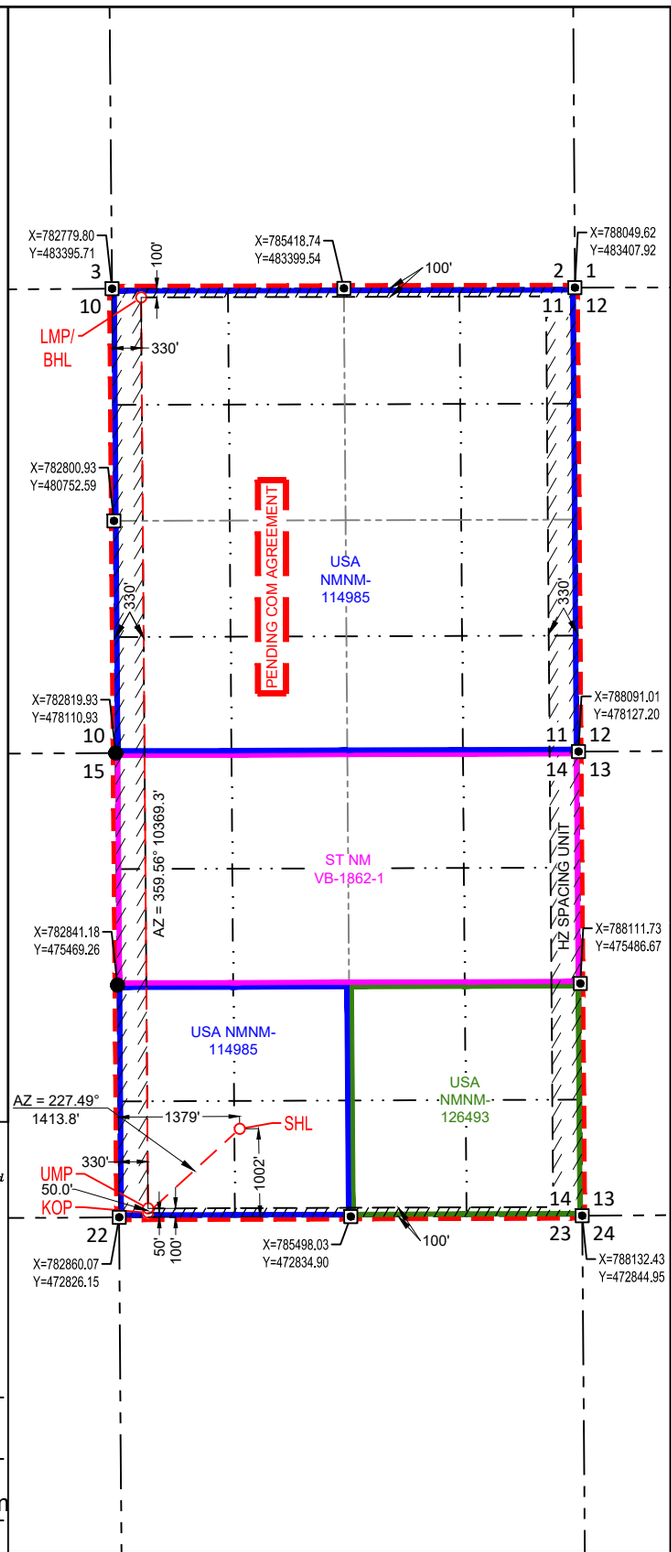
Dedicated Acres	Joint or Infill	Consolidated Code	Order No.
1280.00			PENDING COM AGREEMENT

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.

SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=784232 Y=473833
LAT.: N 32.3001912
LONG.: W 103.5472113
NAD 1927
X=743049 Y=473773
LAT.: N 32.3000675
LONG.: W 103.5467305
1002' FSL 1379' FWL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=783190 Y=472877
LAT.: N 32.2975864
LONG.: W 103.5506067
NAD 1927
X=742006 Y=472818
LAT.: N 32.2974627
LONG.: W 103.5501259
50' FSL 330' FWL

UPPER MOST PERF. (UMP)
NEW MEXICO EAST
NAD 1983
X=783189 Y=472927
LAT.: N 32.2977239
LONG.: W 103.5506067
NAD 1927
X=742006 Y=472868
LAT.: N 32.2976002
LONG.: W 103.5501259
100' FSL 330' FWL



LOWER MOST PERF. (LMP)
BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=783111 Y=483296
LAT.: N 32.3262257
LONG.: W 103.5506166
NAD 1927
X=741927 Y=483236
LAT.: N 32.3261020
LONG.: W 103.5501349
100' FNL 330' FWL

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.

Star L Harrell 7/11/24
Signature Date

Star L Harrell
Print Name

star_harrell@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.

05/07/2024
Date of Survey
Signature and Seal of Professional Surveyor:

RAMON DOMINGUEZ
NEW MEXICO
24508
PROFESSIONAL SURVEYOR

7/10/2024 1:12:35 PM

S:\SURVEY\EOG_MIDLAND\DRIVER_14_FED_COM\FINAL_PRODUCTS\LO_DRIVER_14_FED_COM_705H_C102_REV1.dwg EDWARD.SPARKS 7/10/2024 1:12 PM

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:** 7/16/2024

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
Driver 14 Fed Com 705H		N-14-23S-33E	1002' FSL & 1379' FWL	+/- 1000	+/- 3500	+/- 3000

IV. Central Delivery Point Name: ___DRIVER 14 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
Driver 14 Fed Com 705H		8/1/24	8/15/43	11/01/24	12/01/24	01/01/25

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: Star L Harrell
Printed Name: Star L Harrell
Title: Regulatory Advisor
E-mail Address: Star_Harrell@eogresources.com
Date: 7/16/2024
Phone: (432) 848-9161

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 and vented that is not measured will be estimated.
- All measurement equipment for flared volumes will conform to API 14.10.
- No meter bypasses with 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.
- Prior to the commencement of any maintenance, the tank or vessel will be isolated from the rest of the facilities.
- All valves upstream of the equipment will be closed and isolated.
- After equipment has been isolated, the equipment will be blown down to as low a pressure as possible into the collection system.
- If the equipment being maintained cannot be relieved into the collection system, it shall be released to a tank where the vapor can either be captured or combusted if possible.
- After downhole well maintenance, natural gas will be flared until it reaches pipeline specification.

eog resources

DRIVER 14 FED COM 705H

Revised Permit Information 05/01/2024:

Well Name: DRIVER 14 FED COM 705H

Location: SHL: 1002' FSL & 1379' FWL, Section 14, T-23-S, R-33-E, LEA Co., N.M.
BHL: 100' FNL & 330' FWL, Section 11, T-23-S, R-33-E, LEA Co., N.M.

CASING PROGRAM:

Hole Size	Interval MD From (ft)	Interval MD To (ft)	Interval TVD From (ft)	Interval TVD To (ft)	Csg OD	Weight	Grade	Conn
12-1/4"	0	1,500	0	1,500	9-5/8"	36#	J-55	LTC
8-3/4"	0	11,654	0	11,550	7-5/8"	29.7#	ICYP-110	MO FXL
6-3/4"	0	11,147	0	11,050	5-1/2"	20#	P110-EC	DWC/C IS MS
6-3/4"	11,147	11,654	11,050	11,550	5-1/2"	20#	P110-EC	VAM Sprint SF
6-3/4"	11,654	22,533	11,550	12,384	5-1/2"	20#	P110-EC	DWC/C IS MS

Variance is requested to waive the centralizer requirements for the 7-5/8" 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.

Variance is also requested to waive any centralizer requirements for the 5-1/2" casing in the 6-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to waive the annular clearance requirements for the 5-1/2" casing by 7-5/8" casing annulus to the proposed top of cement.

EOG requests permission to allow deviation from the 0.422'' annulus clearance requirement from Onshore Order #2 under the following conditions:

- Annular clearance to meet or exceed 0.422'' between intermediate casing ID and production casing coupling only on the first 500' overlap between both casing strings.
- Annular clearance less than 0.422'' is acceptable for the production open hole section.

CEMENTING PROGRAM:

Depth	No. Sacks	Wt. ppg	Yld Ft3/sk	Slurry Description
1,500' 9-5/8"	400	13.5	1.73	Lead: Class C + 4.0% Bentonite Gel + 0.5% CaCl2 + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	80	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate (TOC @ 1,300')
11,550' 7-5/8"	1330	14.2	1.11	1st Stage (Tail): Class C + 0.6% Halad-9 + 0.45% HR-601 + 3% Microbond (TOC @ 7,380')
	1000	14.8	1.5	2nd Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface)
22,533' 5-1/2"	2286	12.5	2.05	Lead: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ Surface)
5-1/2"	2290	13.2	1.41	Lead: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 11,050')

eog resources

DRIVER 14 FED COM 705H

Additive	Purpose
Bentonite Gel	Lightweight/Lost circulation prevention
Calcium Chloride	Accelerator
Cello-flake	Lost circulation prevention
Sodium Metasilicate	Accelerator
MagOx	Expansive agent
Pre-Mag-M	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

EOG requests variance from minimum standards to pump a two stage cement job on the 7-5/8" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brushy Canyon (7,577') and the second stage performed as a 1000 sack bradenhead squeeze with planned cement from the Brushy Canyon to surface. If necessary, a top out consisting of 100 sacks of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. Top will be verified by Echo-meter.

EOG will include the Echo-meter verified fluid top and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program.

EOG will report to the BLM the volume of fluid (limited to 5 bbls) used to flush intermediate casing valves following backside cementing procedures.

EOG requests a variance to set the intermediate casing shoe in the Bone Spring formation OR the Wolfcamp formation, depending on depletion in the area and well conditions. EOG will monitor the well and ensure the well is static before casing operations begin.

MUD PROGRAM:

Measured Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,500'	Fresh - Gel	8.6-8.8	28-34	N/c
1,500' – 11,550'	Brine	9.0-10.5	28-34	N/c
11,550’ – 11,929'	Oil Base	8.7-9.4	58-68	N/c - 6
11,929’ – 22,533’ Lateral	Oil Base	10.0-14.0	58-68	4 - 6

eog resources

DRIVER 14 FED COM 705H

EOG requests a variance to set the intermediate casing shoe in the Bone Spring formation OR the Wolfcamp formation, depending on depletion in the area and well conditions. EOG will monitor the well and ensure the well is static before casing operations begin.

TUBING REQUIREMENTS

EOG respectively requests an exception to the following NMOCD rule:

- 19.15.16.10 Casing AND TUBING RQUIREMENTS:
  J (3): "The operator shall set tubing as near the bottom as practical and tubing perforations shall not be more than 250 feet above top of pay zone."

With horizontal flowing and gas lifted wells an end of tubing depth placed at or slightly above KOP is a conservative way to ensure the tubing stays clean from debris, plugging, and allows for fewer well interventions post offset completion. The deeper the tubulars are run into the curve, the higher the probability is that the tubing will become stuck in sand and or well debris as the well produces over time. An additional consideration for EOT placement during artificial lift installations is avoiding the high dog leg severity and inclinations found in the curve section of the wellbore to help improve reliability and performance. Dog leg severity and inclinations tend not to hamper gas lifted or flowing wells, but they do effect other forms of artificial lift like rod pump or ESP (electric submersible pump). Keeping the EOT above KOP is an industry best practice for those respective forms of artificial lift.

eog resources

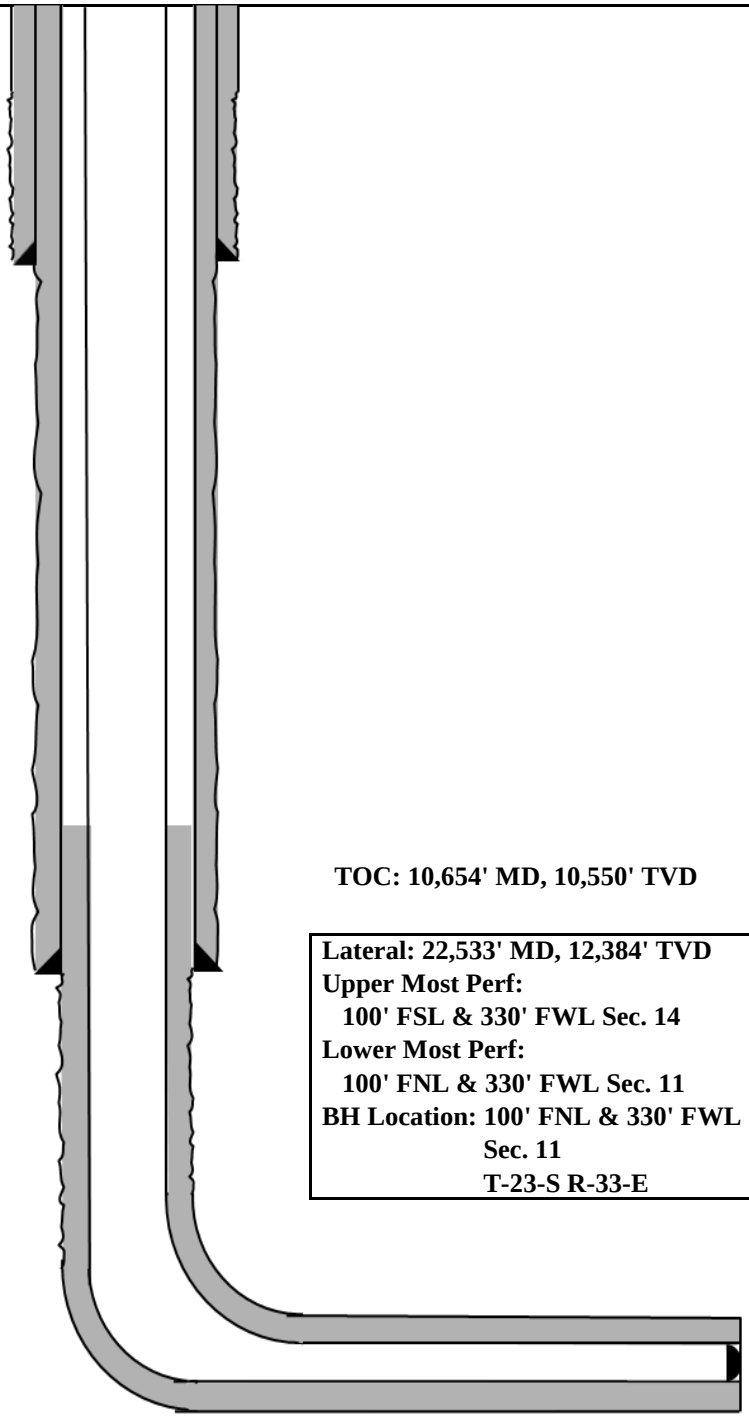
DRIVER 14 FED COM 705H

1002' FSL
1379' FWL
Section 14
T-23-S, R-33-E

Revised Wellbore

API: 30-025-***

KB: 3703'
GL: 3678'



Bit Size: 12-1/4"
9-5/8'', 36#, J-55, LTC,
@ 0' - 1,500'

Bit Size: 8-3/4"
7-5/8'', 29.7#, ICYP-110, MO FXL,
@ 0' - 11,550'

Bit Size: 6-3/4"
5-1/2'', 20.#, P110-EC, DWC/C IS MS
@ 0' - 11,050'
5-1/2'', 20.#, P110-EC, VAM Sprint SF
@ 11,050' - 11,550'
5-1/2'', 20.#, P110-EC, DWC/C IS MS
@ 11,550' - 22,533'

KOP: 11,929' MD, 11,824' TVD
EOC: 12,982' MD, 12,450' TVD

TOC: 10,654' MD, 10,550' TVD

Lateral: 22,533' MD, 12,384' TVD
Upper Most Perf:
100' FSL & 330' FWL Sec. 14
Lower Most Perf:
100' FNL & 330' FWL Sec. 11
BH Location: 100' FNL & 330' FWL
Sec. 11
T-23-S R-33-E

eog resources

DRIVER 14 FED COM 705H

Design B

CASING PROGRAM:

Hole Size	Interval MD From (ft)	Interval MD To (ft)	Interval TVD From (ft)	Interval TVD To (ft)	Csg OD	Weight	Grade	Conn
13"	0	1,500	0	1,500	10-3/4"	40.5#	J-55	STC
9-7/8"	0	11,654	0	11,550	8-3/4"	38.5#	P110-EC	SLIJ II NA
7-7/8"	0	22,533	0	12,450	6"	24.5#	P110-EC	VAM Sprint-SF

Variance is requested to waive the centralizer requirements for the 8-3/4" casing in the 9-7/8" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 9-7/8" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to waive any centralizer requirements for the 6" casing in the 7-7/8" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 7-7/8" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to waive the annular clearance requirements for the 6" casing by 8-3/4" casing annulus to the proposed top of cement.

EOG requests permission to allow deviation from the 0.422'' annulus clearance requirement from Onshore Order #2 under the following conditions:

- Annular clearance to meet or exceed 0.422'' between intermediate casing ID and production casing coupling only on the first 500' overlap between both casing strings.
- Annular clearance less than 0.422'' is acceptable for the production open hole section.

CEMENTING PROGRAM:

Depth	No. Sacks	Wt. ppg	Yld Ft3/sk	Slurry Description
1,500' 10-3/4"	370	13.5	1.73	Lead: Class C + 4.0% Bentonite Gel + 0.5% CaCl2 + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	70	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate (TOC @ 1,300')
11,550' 8-3/4"	1510	14.2	1.11	1st Stage (Tail): Class C + 0.6% Halad-9 + 0.45% HR-601 + 3% Microbond (TOC @ 7,377')
	1000	14.8	1.5	2nd Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface)
22,533' 6"	1600	13.2	1.31	Lead: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 11,050')

eog resources

DRIVER 14 FED COM 705H

EOG requests variance from minimum standards to pump a two stage cement job on the 8-3/4" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brushy Canyon (7,577') and the second stage performed as a 1000 sack bradenhead squeeze with planned cement from the Brushy Canyon to surface. If necessary, a top out consisting of -972 sacks of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. Top will be verified by Echo-meter.

EOG will include the Echo-meter verified fluid top and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program.

EOG will report to the BLM the volume of fluid (limited to 5 bbls) used to flush intermediate casing valves following backside cementing procedures.

EOG requests a variance to set the intermediate casing shoe in the Bone Spring formation OR the Wolfcamp formation, depending on depletion in the area and well conditions. EOG will monitor the well and ensure the well is static before casing operations begin.

VARIANCE REQUESTS:

EOG requests the additional variance(s) in the attached document(s):

Variances requested include (supporting documents attached):

- BOP Break Testing for 5M Intermediate Intervals (EOG BLM Variance 3a_b)
- Offline Cementing for Surface and Intermediate Intervals (EOG BLM Variance 3a_b)
- Intermediate Bradenhead Cement (EOG BLM Variance 2a)

eog resources

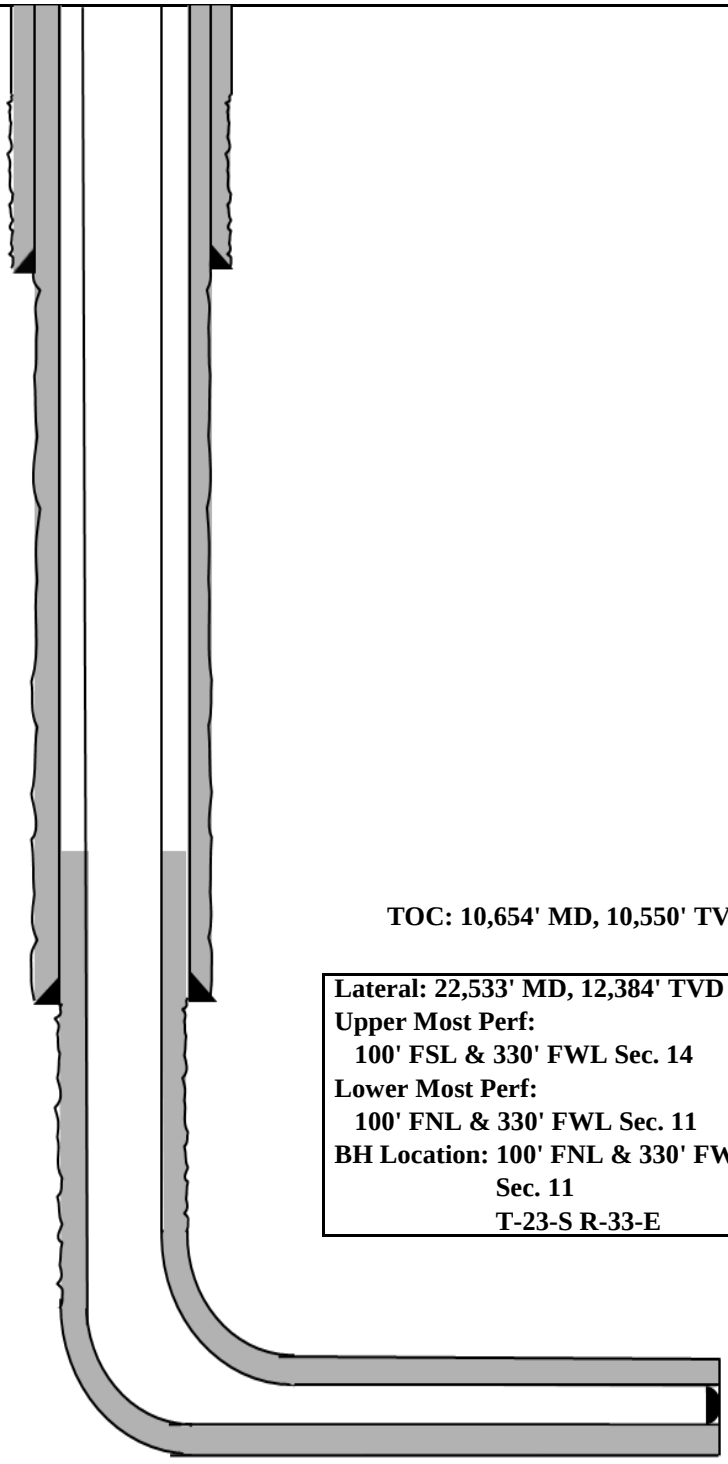
DRIVER 14 FED COM 705H

1002' FSL
1379' FWL
Section 14
T-23-S, R-33-E

Proposed Wellbore

API: 30-025-***

KB: 3703'
GL: 3678'



Bit Size: 13"
10-3/4'', 40.5#, J-55, STC,
@ 0' - 1,500'

Bit Size: 9-7/8"
8-3/4'' 38.5#, P110-EC, SLIJ II NA,
@ 0' - 11,550'

Bit Size: 7-7/8"
6'', 24.5#, P110-EC, VAM Sprint-SF,
@ 0' - 22,533'

TOC: 10,654' MD, 10,550' TVD

Lateral: 22,533' MD, 12,384' TVD
Upper Most Perf:
100' FSL & 330' FWL Sec. 14
Lower Most Perf:
100' FNL & 330' FWL Sec. 11
BH Location: 100' FNL & 330' FWL
Sec. 11
T-23-S R-33-E

KOP: 11,929' MD, 11,824' TVD
EOC: 12,982' MD, 12,450' TVD

eog resources

DRIVER 14 FED COM 705H

GEOLOGIC NAME OF SURFACE FORMATION:

Permian

ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Rustler	1,378'
Tamarisk Anhydrite	1,475'
Top of Salt	1,883'
Base of Salt	4,262'
Lamar	5,318'
Bell Canyon	5,362'
Cherry Canyon	6,243'
Brushy Canyon	7,577'
Bone Spring Lime	9,028'
Leonard (Avalon) Shale	9,184'
1st Bone Spring Sand	10,132'
2nd Bone Spring Shale	10,382'
2nd Bone Spring Sand	10,715'
3rd Bone Spring Carb	11,208'
3rd Bone Spring Sand	11,738'
Wolfcamp	12,021'
TD	12,384'

ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Upper Permian Sands	0- 400’	Fresh Water
Bell Canyon	5,362'	Oil
Cherry Canyon	6,243'	Oil
Brushy Canyon	7,577'	Oil
Leonard (Avalon) Shale	9,184'	Oil
1st Bone Spring Sand	10,132'	Oil
2nd Bone Spring Shale	10,382'	Oil
2nd Bone Spring Sand	10,715'	Oil

Midland

Lea County, NM (NAD 83 NME)
Driver 14 Fed Com
#705H
144839
OH

Plan: Plan #2

Standard Planning Report

10 July, 2024

eog resources

Planning Report

Database:	PEDMB	**Local Co-ordinate Reference:**	Well #705H
Company:	Midland	**TVD Reference:**	KB = 25' @ 3703.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25' @ 3703.0usft
Site:	Driver 14 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

Project Lea 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 Driver 14 Fed Com

Site Position:		**Northing:**	477,409.00 usft	**Latitude:**	32° 18' 36.085 N
From:	Map	**Easting:**	784,122.00 usft	**Longitude:**	103° 32' 50.936 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "		

Well #705H

Well Position	**+N/-S**	0.0 usft	**Northing:**	473,833.00 usft	**Latitude:**	32° 18' 0.693 N
	+E/-W	0.0 usft	**Easting:**	784,232.00 usft	**Longitude:**	103° 32' 49.960 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,678.0 usft
Grid Convergence:		0.42 °				

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	8/15/2024	6.17	59.86	47,209.14887854

Design Plan #2

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	359.56

Plan Survey Tool Program **Date** 7/10/2024

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	22,533.0	Plan #2 (OH)	EOG MWD+IFR1	
				MWD + IFR1	

eog resources

Planning Report

Database:	PEDMB	**Local Co-ordinate Reference:**	Well #705H
Company:	Midland	**TVD Reference:**	KB = 25' @ 3703.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25' @ 3703.0usft
Site:	Driver 14 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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	
1,517.5	0.00	0.00	1,517.5	0.0	0.0	0.00	0.00	0.00	0.00	
1,567.5	1.00	180.00	1,567.5	-0.4	0.0	2.00	2.00	0.00	180.00	
5,100.5	1.00	180.00	5,100.0	-62.1	0.0	0.00	0.00	0.00	0.00	
5,587.5	10.29	233.92	5,584.1	-92.0	-35.2	2.00	1.91	11.07	58.64	
11,929.4	10.29	233.92	11,824.0	-759.4	-951.2	0.00	0.00	0.00	0.00	
12,891.8	90.26	359.57	12,449.8	-187.7	-1,048.3	10.00	8.31	13.06	125.17	
18,571.7	90.26	359.57	12,424.0	5,492.0	-1,090.9	0.00	0.00	0.00	0.00	TGT#1(Driver 14 Fed
18,585.9	90.54	359.57	12,423.9	5,506.2	-1,091.0	2.00	2.00	-0.03	-0.98	
21,731.9	90.54	359.57	12,394.0	8,652.0	-1,114.9	0.00	0.00	0.00	0.00	TGT#2(Driver 14 Fed
21,740.5	90.72	359.57	12,393.9	8,660.6	-1,115.0	2.00	2.00	0.00	0.00	
22,533.0	90.72	359.57	12,384.0	9,453.0	-1,121.0	0.00	0.00	0.00	0.00	PBHL(Driver 14 Fed (

eog resources

Planning Report

Database:	PEDMB	**Local Co-ordinate Reference:**	Well #705H
Company:	Midland	**TVD Reference:**	KB = 25' @ 3703.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25' @ 3703.0usft
Site:	Driver 14 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,517.5	0.00	0.00	1,517.5	0.0	0.0	0.0	0.00	0.00	0.00
1,567.5	1.00	180.00	1,567.5	-0.4	0.0	-0.4	2.00	2.00	0.00
1,600.0	1.00	180.00	1,600.0	-1.0	0.0	-1.0	0.00	0.00	0.00
1,700.0	1.00	180.00	1,700.0	-2.7	0.0	-2.7	0.00	0.00	0.00
1,800.0	1.00	180.00	1,800.0	-4.5	0.0	-4.5	0.00	0.00	0.00
1,900.0	1.00	180.00	1,899.9	-6.2	0.0	-6.2	0.00	0.00	0.00
2,000.0	1.00	180.00	1,999.9	-8.0	0.0	-8.0	0.00	0.00	0.00
2,100.0	1.00	180.00	2,099.9	-9.7	0.0	-9.7	0.00	0.00	0.00
2,200.0	1.00	180.00	2,199.9	-11.5	0.0	-11.5	0.00	0.00	0.00
2,300.0	1.00	180.00	2,299.9	-13.2	0.0	-13.2	0.00	0.00	0.00
2,400.0	1.00	180.00	2,399.9	-15.0	0.0	-15.0	0.00	0.00	0.00
2,500.0	1.00	180.00	2,499.9	-16.7	0.0	-16.7	0.00	0.00	0.00
2,600.0	1.00	180.00	2,599.8	-18.5	0.0	-18.5	0.00	0.00	0.00
2,700.0	1.00	180.00	2,699.8	-20.2	0.0	-20.2	0.00	0.00	0.00
2,800.0	1.00	180.00	2,799.8	-21.9	0.0	-21.9	0.00	0.00	0.00
2,900.0	1.00	180.00	2,899.8	-23.7	0.0	-23.7	0.00	0.00	0.00
3,000.0	1.00	180.00	2,999.8	-25.4	0.0	-25.4	0.00	0.00	0.00
3,100.0	1.00	180.00	3,099.8	-27.2	0.0	-27.2	0.00	0.00	0.00
3,200.0	1.00	180.00	3,199.7	-28.9	0.0	-28.9	0.00	0.00	0.00
3,300.0	1.00	180.00	3,299.7	-30.7	0.0	-30.7	0.00	0.00	0.00
3,400.0	1.00	180.00	3,399.7	-32.4	0.0	-32.4	0.00	0.00	0.00
3,500.0	1.00	180.00	3,499.7	-34.2	0.0	-34.2	0.00	0.00	0.00
3,600.0	1.00	180.00	3,599.7	-35.9	0.0	-35.9	0.00	0.00	0.00
3,700.0	1.00	180.00	3,699.7	-37.7	0.0	-37.7	0.00	0.00	0.00
3,800.0	1.00	180.00	3,799.7	-39.4	0.0	-39.4	0.00	0.00	0.00
3,900.0	1.00	180.00	3,899.6	-41.1	0.0	-41.1	0.00	0.00	0.00
4,000.0	1.00	180.00	3,999.6	-42.9	0.0	-42.9	0.00	0.00	0.00
4,100.0	1.00	180.00	4,099.6	-44.6	0.0	-44.6	0.00	0.00	0.00
4,200.0	1.00	180.00	4,199.6	-46.4	0.0	-46.4	0.00	0.00	0.00
4,300.0	1.00	180.00	4,299.6	-48.1	0.0	-48.1	0.00	0.00	0.00
4,400.0	1.00	180.00	4,399.6	-49.9	0.0	-49.9	0.00	0.00	0.00
4,500.0	1.00	180.00	4,499.6	-51.6	0.0	-51.6	0.00	0.00	0.00
4,600.0	1.00	180.00	4,599.5	-53.4	0.0	-53.4	0.00	0.00	0.00
4,700.0	1.00	180.00	4,699.5	-55.1	0.0	-55.1	0.00	0.00	0.00
4,800.0	1.00	180.00	4,799.5	-56.9	0.0	-56.8	0.00	0.00	0.00
4,900.0	1.00	180.00	4,899.5	-58.6	0.0	-58.6	0.00	0.00	0.00
5,000.0	1.00	180.00	4,999.5	-60.3	0.0	-60.3	0.00	0.00	0.00
5,100.5	1.00	180.00	5,100.0	-62.1	0.0	-62.1	0.00	0.00	0.00

eog resources

Planning Report

Database:	PEDMB	**Local Co-ordinate Reference:**	Well #705H
Company:	Midland	**TVD Reference:**	KB = 25' @ 3703.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25' @ 3703.0usft
Site:	Driver 14 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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)
5,200.0	2.65	219.85	5,199.4	-64.7	-1.5	-64.7	2.00	1.66	40.07
5,300.0	4.59	227.93	5,299.2	-69.2	-5.9	-69.1	2.00	1.94	8.08
5,400.0	6.57	231.19	5,398.7	-75.5	-13.4	-75.3	2.00	1.98	3.26
5,500.0	8.55	232.94	5,497.9	-83.5	-23.7	-83.3	2.00	1.99	1.75
5,587.5	10.29	233.92	5,584.1	-92.0	-35.2	-91.8	2.00	1.99	1.12
5,600.0	10.29	233.92	5,596.5	-93.4	-37.1	-93.1	0.00	0.00	0.00
5,700.0	10.29	233.92	5,694.9	-103.9	-51.5	-103.5	0.00	0.00	0.00
5,800.0	10.29	233.92	5,793.2	-114.4	-65.9	-113.9	0.00	0.00	0.00
5,900.0	10.29	233.92	5,891.6	-124.9	-80.4	-124.3	0.00	0.00	0.00
6,000.0	10.29	233.92	5,990.0	-135.4	-94.8	-134.7	0.00	0.00	0.00
6,100.0	10.29	233.92	6,088.4	-146.0	-109.3	-145.1	0.00	0.00	0.00
6,200.0	10.29	233.92	6,186.8	-156.5	-123.7	-155.5	0.00	0.00	0.00
6,300.0	10.29	233.92	6,285.2	-167.0	-138.2	-165.9	0.00	0.00	0.00
6,400.0	10.29	233.92	6,383.6	-177.5	-152.6	-176.4	0.00	0.00	0.00
6,500.0	10.29	233.92	6,482.0	-188.1	-167.0	-186.8	0.00	0.00	0.00
6,600.0	10.29	233.92	6,580.4	-198.6	-181.5	-197.2	0.00	0.00	0.00
6,700.0	10.29	233.92	6,678.8	-209.1	-195.9	-207.6	0.00	0.00	0.00
6,800.0	10.29	233.92	6,777.2	-219.6	-210.4	-218.0	0.00	0.00	0.00
6,900.0	10.29	233.92	6,875.5	-230.2	-224.8	-228.4	0.00	0.00	0.00
7,000.0	10.29	233.92	6,973.9	-240.7	-239.3	-238.8	0.00	0.00	0.00
7,100.0	10.29	233.92	7,072.3	-251.2	-253.7	-249.2	0.00	0.00	0.00
7,200.0	10.29	233.92	7,170.7	-261.7	-268.2	-259.7	0.00	0.00	0.00
7,300.0	10.29	233.92	7,269.1	-272.2	-282.6	-270.1	0.00	0.00	0.00
7,400.0	10.29	233.92	7,367.5	-282.8	-297.0	-280.5	0.00	0.00	0.00
7,500.0	10.29	233.92	7,465.9	-293.3	-311.5	-290.9	0.00	0.00	0.00
7,600.0	10.29	233.92	7,564.3	-303.8	-325.9	-301.3	0.00	0.00	0.00
7,700.0	10.29	233.92	7,662.7	-314.3	-340.4	-311.7	0.00	0.00	0.00
7,800.0	10.29	233.92	7,761.1	-324.9	-354.8	-322.1	0.00	0.00	0.00
7,900.0	10.29	233.92	7,859.4	-335.4	-369.3	-332.5	0.00	0.00	0.00
8,000.0	10.29	233.92	7,957.8	-345.9	-383.7	-342.9	0.00	0.00	0.00
8,100.0	10.29	233.92	8,056.2	-356.4	-398.1	-353.4	0.00	0.00	0.00
8,200.0	10.29	233.92	8,154.6	-366.9	-412.6	-363.8	0.00	0.00	0.00
8,300.0	10.29	233.92	8,253.0	-377.5	-427.0	-374.2	0.00	0.00	0.00
8,400.0	10.29	233.92	8,351.4	-388.0	-441.5	-384.6	0.00	0.00	0.00
8,500.0	10.29	233.92	8,449.8	-398.5	-455.9	-395.0	0.00	0.00	0.00
8,600.0	10.29	233.92	8,548.2	-409.0	-470.4	-405.4	0.00	0.00	0.00
8,700.0	10.29	233.92	8,646.6	-419.6	-484.8	-415.8	0.00	0.00	0.00
8,800.0	10.29	233.92	8,745.0	-430.1	-499.2	-426.2	0.00	0.00	0.00
8,900.0	10.29	233.92	8,843.3	-440.6	-513.7	-436.6	0.00	0.00	0.00
9,000.0	10.29	233.92	8,941.7	-451.1	-528.1	-447.1	0.00	0.00	0.00
9,100.0	10.29	233.92	9,040.1	-461.7	-542.6	-457.5	0.00	0.00	0.00
9,200.0	10.29	233.92	9,138.5	-472.2	-557.0	-467.9	0.00	0.00	0.00
9,300.0	10.29	233.92	9,236.9	-482.7	-571.5	-478.3	0.00	0.00	0.00
9,400.0	10.29	233.92	9,335.3	-493.2	-585.9	-488.7	0.00	0.00	0.00
9,500.0	10.29	233.92	9,433.7	-503.7	-600.3	-499.1	0.00	0.00	0.00
9,600.0	10.29	233.92	9,532.1	-514.3	-614.8	-509.5	0.00	0.00	0.00
9,700.0	10.29	233.92	9,630.5	-524.8	-629.2	-519.9	0.00	0.00	0.00
9,800.0	10.29	233.92	9,728.9	-535.3	-643.7	-530.4	0.00	0.00	0.00
9,900.0	10.29	233.92	9,827.3	-545.8	-658.1	-540.8	0.00	0.00	0.00
10,000.0	10.29	233.92	9,925.6	-556.4	-672.6	-551.2	0.00	0.00	0.00
10,100.0	10.29	233.92	10,024.0	-566.9	-687.0	-561.6	0.00	0.00	0.00
10,200.0	10.29	233.92	10,122.4	-577.4	-701.4	-572.0	0.00	0.00	0.00
10,300.0	10.29	233.92	10,220.8	-587.9	-715.9	-582.4	0.00	0.00	0.00
10,400.0	10.29	233.92	10,319.2	-598.4	-730.3	-592.8	0.00	0.00	0.00

eog resources

Planning Report

Database:	PEDMB	**Local Co-ordinate Reference:**	Well #705H
Company:	Midland	**TVD Reference:**	KB = 25' @ 3703.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25' @ 3703.0usft
Site:	Driver 14 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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)
10,500.0	10.29	233.92	10,417.6	-609.0	-744.8	-603.2	0.00	0.00	0.00
10,600.0	10.29	233.92	10,516.0	-619.5	-759.2	-613.6	0.00	0.00	0.00
10,700.0	10.29	233.92	10,614.4	-630.0	-773.7	-624.1	0.00	0.00	0.00
10,800.0	10.29	233.92	10,712.8	-640.5	-788.1	-634.5	0.00	0.00	0.00
10,900.0	10.29	233.92	10,811.2	-651.1	-802.5	-644.9	0.00	0.00	0.00
11,000.0	10.29	233.92	10,909.5	-661.6	-817.0	-655.3	0.00	0.00	0.00
11,100.0	10.29	233.92	11,007.9	-672.1	-831.4	-665.7	0.00	0.00	0.00
11,200.0	10.29	233.92	11,106.3	-682.6	-845.9	-676.1	0.00	0.00	0.00
11,300.0	10.29	233.92	11,204.7	-693.2	-860.3	-686.5	0.00	0.00	0.00
11,400.0	10.29	233.92	11,303.1	-703.7	-874.8	-696.9	0.00	0.00	0.00
11,500.0	10.29	233.92	11,401.5	-714.2	-889.2	-707.3	0.00	0.00	0.00
11,600.0	10.29	233.92	11,499.9	-724.7	-903.7	-717.8	0.00	0.00	0.00
11,700.0	10.29	233.92	11,598.3	-735.2	-918.1	-728.2	0.00	0.00	0.00
11,800.0	10.29	233.92	11,696.7	-745.8	-932.5	-738.6	0.00	0.00	0.00
11,900.0	10.29	233.92	11,795.1	-756.3	-947.0	-749.0	0.00	0.00	0.00
11,929.4	10.29	233.92	11,824.0	-759.4	-951.2	-752.1	0.00	0.00	0.00
11,950.0	9.26	244.44	11,844.3	-761.2	-954.2	-753.8	10.00	-5.02	51.07
12,000.0	8.47	276.93	11,893.7	-762.5	-961.5	-755.1	10.00	-1.58	64.98
12,050.0	10.36	305.66	11,943.1	-759.4	-968.8	-751.9	10.00	3.78	57.46
12,100.0	13.88	322.83	11,992.0	-752.0	-976.1	-744.5	10.00	7.03	34.33
12,150.0	18.10	332.67	12,040.0	-740.3	-983.3	-732.7	10.00	8.44	19.68
12,200.0	22.63	338.78	12,086.9	-724.4	-990.3	-716.8	10.00	9.06	12.23
12,250.0	27.32	342.92	12,132.2	-704.5	-997.2	-696.8	10.00	9.38	8.27
12,300.0	32.09	345.91	12,175.6	-680.6	-1,003.8	-672.9	10.00	9.55	5.99
12,350.0	36.92	348.20	12,216.8	-653.0	-1,010.1	-645.3	10.00	9.66	4.57
12,400.0	41.79	350.02	12,255.5	-621.9	-1,016.1	-614.1	10.00	9.73	3.65
12,450.0	46.68	351.53	12,291.3	-587.5	-1,021.6	-579.6	10.00	9.78	3.01
12,500.0	51.58	352.81	12,324.0	-550.0	-1,026.8	-542.1	10.00	9.81	2.56
12,550.0	56.50	353.92	12,353.4	-509.9	-1,031.4	-501.9	10.00	9.84	2.23
12,600.0	61.43	354.92	12,379.1	-467.2	-1,035.6	-459.3	10.00	9.85	1.99
12,650.0	66.36	355.83	12,401.1	-422.5	-1,039.2	-414.5	10.00	9.87	1.81
12,700.0	71.30	356.67	12,419.2	-376.0	-1,042.3	-368.0	10.00	9.88	1.68
12,750.0	76.24	357.46	12,433.2	-328.1	-1,044.7	-320.0	10.00	9.88	1.59
12,800.0	81.18	358.22	12,442.9	-279.1	-1,046.6	-271.0	10.00	9.89	1.52
12,850.0	86.13	358.96	12,448.5	-229.4	-1,047.8	-221.4	10.00	9.89	1.48
12,891.8	90.26	359.57	12,449.8	-187.7	-1,048.3	-179.6	10.00	9.89	1.46
12,900.0	90.26	359.57	12,449.7	-179.4	-1,048.4	-171.4	0.00	0.00	0.00
13,000.0	90.26	359.57	12,449.3	-79.4	-1,049.1	-71.4	0.00	0.00	0.00
13,100.0	90.26	359.57	12,448.8	20.6	-1,049.9	28.6	0.00	0.00	0.00
13,200.0	90.26	359.57	12,448.4	120.5	-1,050.6	128.6	0.00	0.00	0.00
13,300.0	90.26	359.57	12,447.9	220.5	-1,051.4	228.6	0.00	0.00	0.00
13,400.0	90.26	359.57	12,447.5	320.5	-1,052.1	328.6	0.00	0.00	0.00
13,500.0	90.26	359.57	12,447.0	420.5	-1,052.9	428.6	0.00	0.00	0.00
13,600.0	90.26	359.57	12,446.6	520.5	-1,053.6	528.6	0.00	0.00	0.00
13,700.0	90.26	359.57	12,446.1	620.5	-1,054.4	628.6	0.00	0.00	0.00
13,800.0	90.26	359.57	12,445.7	720.5	-1,055.1	728.6	0.00	0.00	0.00
13,900.0	90.26	359.57	12,445.2	820.5	-1,055.9	828.6	0.00	0.00	0.00
14,000.0	90.26	359.57	12,444.7	920.5	-1,056.6	928.6	0.00	0.00	0.00
14,100.0	90.26	359.57	12,444.3	1,020.5	-1,057.4	1,028.6	0.00	0.00	0.00
14,200.0	90.26	359.57	12,443.8	1,120.5	-1,058.1	1,128.6	0.00	0.00	0.00
14,300.0	90.26	359.57	12,443.4	1,220.5	-1,058.9	1,228.6	0.00	0.00	0.00
14,400.0	90.26	359.57	12,442.9	1,320.5	-1,059.6	1,328.6	0.00	0.00	0.00
14,500.0	90.26	359.57	12,442.5	1,420.5	-1,060.4	1,428.6	0.00	0.00	0.00
14,600.0	90.26	359.57	12,442.0	1,520.5	-1,061.1	1,528.6	0.00	0.00	0.00

eog resources

Planning Report

Database:	PEDMB	**Local Co-ordinate Reference:**	Well #705H
Company:	Midland	**TVD Reference:**	KB = 25' @ 3703.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25' @ 3703.0usft
Site:	Driver 14 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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)
14,700.0	90.26	359.57	12,441.6	1,620.5	-1,061.9	1,628.6	0.00	0.00	0.00
14,800.0	90.26	359.57	12,441.1	1,720.5	-1,062.6	1,728.6	0.00	0.00	0.00
14,900.0	90.26	359.57	12,440.7	1,820.5	-1,063.4	1,828.6	0.00	0.00	0.00
15,000.0	90.26	359.57	12,440.2	1,920.5	-1,064.1	1,928.6	0.00	0.00	0.00
15,100.0	90.26	359.57	12,439.8	2,020.5	-1,064.9	2,028.6	0.00	0.00	0.00
15,200.0	90.26	359.57	12,439.3	2,120.5	-1,065.6	2,128.6	0.00	0.00	0.00
15,300.0	90.26	359.57	12,438.8	2,220.5	-1,066.4	2,228.6	0.00	0.00	0.00
15,400.0	90.26	359.57	12,438.4	2,320.5	-1,067.1	2,328.6	0.00	0.00	0.00
15,500.0	90.26	359.57	12,437.9	2,420.5	-1,067.9	2,428.6	0.00	0.00	0.00
15,600.0	90.26	359.57	12,437.5	2,520.5	-1,068.6	2,528.6	0.00	0.00	0.00
15,700.0	90.26	359.57	12,437.0	2,620.5	-1,069.4	2,628.6	0.00	0.00	0.00
15,800.0	90.26	359.57	12,436.6	2,720.4	-1,070.1	2,728.6	0.00	0.00	0.00
15,900.0	90.26	359.57	12,436.1	2,820.4	-1,070.9	2,828.6	0.00	0.00	0.00
16,000.0	90.26	359.57	12,435.7	2,920.4	-1,071.6	2,928.6	0.00	0.00	0.00
16,100.0	90.26	359.57	12,435.2	3,020.4	-1,072.4	3,028.6	0.00	0.00	0.00
16,200.0	90.26	359.57	12,434.8	3,120.4	-1,073.1	3,128.6	0.00	0.00	0.00
16,300.0	90.26	359.57	12,434.3	3,220.4	-1,073.9	3,228.6	0.00	0.00	0.00
16,400.0	90.26	359.57	12,433.9	3,320.4	-1,074.6	3,328.6	0.00	0.00	0.00
16,500.0	90.26	359.57	12,433.4	3,420.4	-1,075.4	3,428.6	0.00	0.00	0.00
16,600.0	90.26	359.57	12,432.9	3,520.4	-1,076.1	3,528.6	0.00	0.00	0.00
16,700.0	90.26	359.57	12,432.5	3,620.4	-1,076.9	3,628.6	0.00	0.00	0.00
16,800.0	90.26	359.57	12,432.0	3,720.4	-1,077.6	3,728.6	0.00	0.00	0.00
16,900.0	90.26	359.57	12,431.6	3,820.4	-1,078.4	3,828.6	0.00	0.00	0.00
17,000.0	90.26	359.57	12,431.1	3,920.4	-1,079.1	3,928.6	0.00	0.00	0.00
17,100.0	90.26	359.57	12,430.7	4,020.4	-1,079.9	4,028.6	0.00	0.00	0.00
17,200.0	90.26	359.57	12,430.2	4,120.4	-1,080.6	4,128.6	0.00	0.00	0.00
17,300.0	90.26	359.57	12,429.8	4,220.4	-1,081.4	4,228.6	0.00	0.00	0.00
17,400.0	90.26	359.57	12,429.3	4,320.4	-1,082.1	4,328.6	0.00	0.00	0.00
17,500.0	90.26	359.57	12,428.9	4,420.4	-1,082.9	4,428.6	0.00	0.00	0.00
17,600.0	90.26	359.57	12,428.4	4,520.4	-1,083.6	4,528.6	0.00	0.00	0.00
17,700.0	90.26	359.57	12,428.0	4,620.4	-1,084.4	4,628.6	0.00	0.00	0.00
17,800.0	90.26	359.57	12,427.5	4,720.4	-1,085.1	4,728.6	0.00	0.00	0.00
17,900.0	90.26	359.57	12,427.0	4,820.4	-1,085.9	4,828.6	0.00	0.00	0.00
18,000.0	90.26	359.57	12,426.6	4,920.4	-1,086.6	4,928.6	0.00	0.00	0.00
18,100.0	90.26	359.57	12,426.1	5,020.4	-1,087.4	5,028.6	0.00	0.00	0.00
18,200.0	90.26	359.57	12,425.7	5,120.4	-1,088.1	5,128.6	0.00	0.00	0.00
18,300.0	90.26	359.57	12,425.2	5,220.4	-1,088.9	5,228.6	0.00	0.00	0.00
18,400.0	90.26	359.57	12,424.8	5,320.3	-1,089.6	5,328.6	0.00	0.00	0.00
18,500.0	90.26	359.57	12,424.3	5,420.3	-1,090.4	5,428.6	0.00	0.00	0.00
18,571.7	90.26	359.57	12,424.0	5,492.0	-1,090.9	5,500.2	0.00	0.00	0.00
18,585.9	90.54	359.57	12,423.9	5,506.2	-1,091.0	5,514.4	2.00	2.00	-0.03
18,600.0	90.54	359.57	12,423.8	5,520.3	-1,091.2	5,528.6	0.00	0.00	0.00
18,700.0	90.54	359.57	12,422.8	5,620.3	-1,091.9	5,628.6	0.00	0.00	0.00
18,800.0	90.54	359.57	12,421.9	5,720.3	-1,092.7	5,728.5	0.00	0.00	0.00
18,900.0	90.54	359.57	12,420.9	5,820.3	-1,093.4	5,828.5	0.00	0.00	0.00
19,000.0	90.54	359.57	12,420.0	5,920.3	-1,094.2	5,928.5	0.00	0.00	0.00
19,100.0	90.54	359.57	12,419.0	6,020.3	-1,094.9	6,028.5	0.00	0.00	0.00
19,200.0	90.54	359.57	12,418.1	6,120.3	-1,095.7	6,128.5	0.00	0.00	0.00
19,300.0	90.54	359.57	12,417.1	6,220.3	-1,096.5	6,228.5	0.00	0.00	0.00
19,400.0	90.54	359.57	12,416.2	6,320.3	-1,097.2	6,328.5	0.00	0.00	0.00
19,500.0	90.54	359.57	12,415.2	6,420.3	-1,098.0	6,428.5	0.00	0.00	0.00
19,600.0	90.54	359.57	12,414.3	6,520.3	-1,098.7	6,528.5	0.00	0.00	0.00
19,700.0	90.54	359.57	12,413.3	6,620.3	-1,099.5	6,628.5	0.00	0.00	0.00
19,800.0	90.54	359.57	12,412.4	6,720.3	-1,100.3	6,728.5	0.00	0.00	0.00

eog resources

Planning Report

Database:	PEDMB	**Local Co-ordinate Reference:**	Well #705H
Company:	Midland	**TVD Reference:**	KB = 25' @ 3703.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25' @ 3703.0usft
Site:	Driver 14 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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)
19,900.0	90.54	359.57	12,411.4	6,820.2	-1,101.0	6,828.5	0.00	0.00	0.00
20,000.0	90.54	359.57	12,410.5	6,920.2	-1,101.8	6,928.5	0.00	0.00	0.00
20,100.0	90.54	359.57	12,409.5	7,020.2	-1,102.5	7,028.5	0.00	0.00	0.00
20,200.0	90.54	359.57	12,408.6	7,120.2	-1,103.3	7,128.5	0.00	0.00	0.00
20,300.0	90.54	359.57	12,407.6	7,220.2	-1,104.1	7,228.5	0.00	0.00	0.00
20,400.0	90.54	359.57	12,406.7	7,320.2	-1,104.8	7,328.5	0.00	0.00	0.00
20,500.0	90.54	359.57	12,405.7	7,420.2	-1,105.6	7,428.5	0.00	0.00	0.00
20,600.0	90.54	359.57	12,404.8	7,520.2	-1,106.3	7,528.5	0.00	0.00	0.00
20,700.0	90.54	359.57	12,403.8	7,620.2	-1,107.1	7,628.5	0.00	0.00	0.00
20,800.0	90.54	359.57	12,402.9	7,720.2	-1,107.8	7,728.5	0.00	0.00	0.00
20,900.0	90.54	359.57	12,401.9	7,820.2	-1,108.6	7,828.5	0.00	0.00	0.00
21,000.0	90.54	359.57	12,401.0	7,920.2	-1,109.4	7,928.4	0.00	0.00	0.00
21,100.0	90.54	359.57	12,400.0	8,020.2	-1,110.1	8,028.4	0.00	0.00	0.00
21,200.0	90.54	359.57	12,399.1	8,120.1	-1,110.9	8,128.4	0.00	0.00	0.00
21,300.0	90.54	359.57	12,398.1	8,220.1	-1,111.6	8,228.4	0.00	0.00	0.00
21,400.0	90.54	359.57	12,397.2	8,320.1	-1,112.4	8,328.4	0.00	0.00	0.00
21,500.0	90.54	359.57	12,396.2	8,420.1	-1,113.2	8,428.4	0.00	0.00	0.00
21,600.0	90.54	359.57	12,395.3	8,520.1	-1,113.9	8,528.4	0.00	0.00	0.00
21,700.0	90.54	359.57	12,394.3	8,620.1	-1,114.7	8,628.4	0.00	0.00	0.00
21,731.9	90.54	359.57	12,394.0	8,652.0	-1,114.9	8,660.3	0.00	0.00	0.00
21,740.5	90.72	359.57	12,393.9	8,660.6	-1,115.0	8,668.9	2.00	2.00	0.00
21,800.0	90.72	359.57	12,393.2	8,720.1	-1,115.4	8,728.4	0.00	0.00	0.00
21,900.0	90.72	359.57	12,391.9	8,820.1	-1,116.2	8,828.4	0.00	0.00	0.00
22,000.0	90.72	359.57	12,390.7	8,920.1	-1,117.0	8,928.4	0.00	0.00	0.00
22,100.0	90.72	359.57	12,389.4	9,020.1	-1,117.7	9,028.4	0.00	0.00	0.00
22,200.0	90.72	359.57	12,388.2	9,120.1	-1,118.5	9,128.4	0.00	0.00	0.00
22,300.0	90.72	359.57	12,386.9	9,220.0	-1,119.2	9,228.4	0.00	0.00	0.00
22,400.0	90.72	359.57	12,385.7	9,320.0	-1,120.0	9,328.4	0.00	0.00	0.00
22,500.0	90.72	359.57	12,384.4	9,420.0	-1,120.7	9,428.4	0.00	0.00	0.00
22,533.0	90.72	359.57	12,384.0	9,453.0	-1,121.0	9,461.3	0.00	0.00	0.00

eog resources

Planning Report

Database:	PEDMB	**Local Co-ordinate Reference:**	Well #705H
Company:	Midland	**TVD Reference:**	KB = 25' @ 3703.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25' @ 3703.0usft
Site:	Driver 14 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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
Plan @ 5100.0 (redrill of	0.00	0.00	5,100.0	0.0	0.0	473,833.00	784,232.00	32° 18' 0.693 N	103° 32' 49.960 W
- plan misses target center by 62.1usft at 5099.5usft MD (5098.9 TVD, -62.1 N, 0.0 E)									
- Point									
KOP(Driver 14 Fed Com	0.00	0.00	11,878.0	-956.0	-1,042.0	472,877.00	783,190.00	32° 17' 51.309 N	103° 33' 2.181 W
- plan misses target center by 210.2usft at 12000.0usft MD (11893.7 TVD, -762.5 N, -961.5 E)									
- Polygon									
Point 1			11,878.0	50.0	-40.0	472,927.00	783,150.00		
Point 2			11,878.0	50.0	40.0	472,927.00	783,230.00		
Point 3			11,878.0	-30.0	40.0	472,847.00	783,230.00		
Point 4			11,878.0	-30.0	-40.0	472,847.00	783,150.00		
PBHL(Driver 14 Fed Cor	90.00	359.56	12,384.0	9,453.0	-1,121.0	483,286.00	783,111.00	32° 19' 34.312 N	103° 33' 2.216 W
- plan hits target center									
- Rectangle (sides W60.0 H0.0 D10,359.0)									
TGT#2(Driver 14 Fed Cc	0.00	0.00	12,394.0	8,652.0	-1,114.9	482,485.00	783,117.08	32° 19' 26.385 N	103° 33' 2.213 W
- plan hits target center									
- Point									
TGT#1(Driver 14 Fed Cc	0.00	0.00	12,424.0	5,492.0	-1,090.9	479,325.00	783,141.06	32° 18' 55.115 N	103° 33' 2.203 W
- plan hits target center									
- Point									
FTP(Driver 14 Fed Com	0.00	0.00	12,451.0	-906.0	-1,043.0	472,927.00	783,189.00	32° 17' 51.804 N	103° 33' 2.188 W
- plan misses target center by 344.6usft at 12377.5usft MD (12238.4 TVD, -636.4 N, -1013.4 E)									
- Point									

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,287.0	1,287.0	RUSTLER			
1,392.5	1,392.5	TAMARISK ANHYDRITE			
1,794.0	1,794.0	SALT TOP			
5,079.5	5,079.0	BASE OF SALT			
5,357.0	5,356.0	LAMAR LIMESTONE			
5,383.7	5,382.5	BELL CANYON			
6,178.3	6,165.5	CHERRY CANYON			
7,626.1	7,590.0	BRUSHYPOROSITY			
9,246.2	9,184.0	BONE SPRING LIME			
9,383.4	9,319.0	LEONARD A SHALE			
9,654.8	9,586.0	LEONARD B SHALE			
10,348.0	10,268.0	1ST BONE SPRING SAND			
10,670.7	10,585.5	2ND BONE SPRING SHALE			
11,035.5	10,944.5	2ND BONE SPRING SAND			
11,584.4	11,484.5	3RD BONE SPRING CARBONATE			
12,224.1	12,109.0	3RD BONE SPRING SAND			
12,554.8	12,356.0	WOLFCAMP			
12,567.9	12,363.0	WOLFCAMP CLASTICS X			
12,670.5	12,409.0	WOLFCAMP CLASTICS Y			
12,814.7	12,445.0	WOLFCAMP CLASTICS Y TOW			

eog resources

Planning Report

Database:	PEDMB	**Local Co-ordinate Reference:**	Well #705H
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Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25' @ 3703.0usft
Site:	Driver 14 Fed Com	**North Reference:**	Grid
Well:	#705H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

eog resources

Lea County, NM (NAD 83 NME)

Driver 14 Fed Com #705H

Plan #2

Azimuths to Grid North
True North: -0.42°
Magnetic North: 5.75°

Magnetic Field
Strength: 47209.1nT
Dip Angle: 59.86°
Date: 8/15/2024
Model: IGRF2020

To convert a Magnetic Direction to a Grid Direction, Add 5.75°
To convert a Magnetic Direction to a True Direction, Add 6.17° East
To convert a True Direction to a Grid Direction, Subtract 0.42°

PROJECT DETAILS: Lea 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: #705H

3678.0
KB = 25' @ 3703.0usft

Northing	Easting	Latittude	Longitude
473833.00	784232.00	32° 18' 0.693 N	103° 32' 49.960 W

SECTION DETAILS

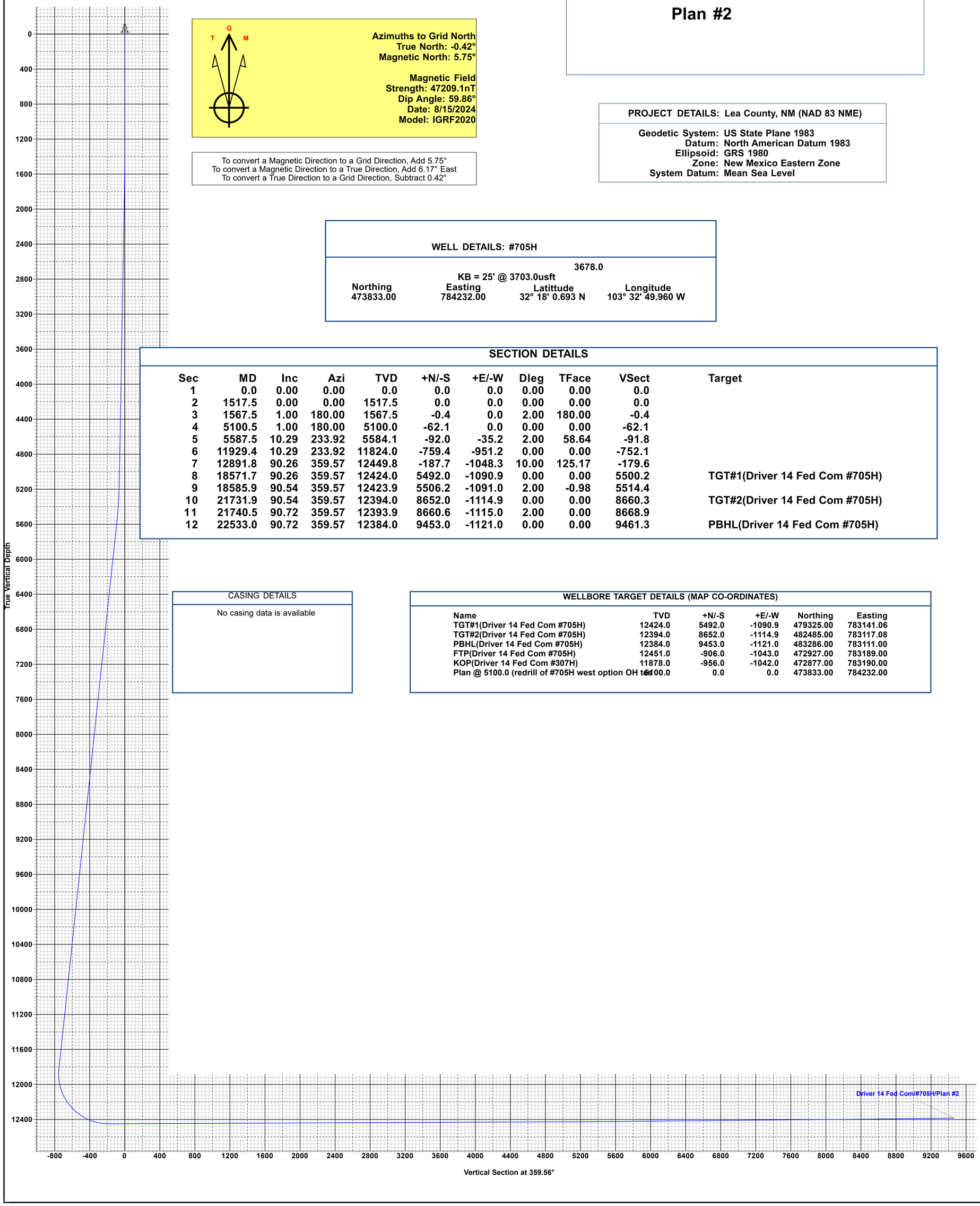
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1517.5	0.00	0.00	1517.5	0.0	0.0	0.00	0.00	0.0	
3	1567.5	1.00	180.00	1567.5	-0.4	0.0	2.00	180.00	-0.4	
4	5100.5	1.00	180.00	5100.0	-62.1	0.0	0.00	0.00	-62.1	
5	5587.5	10.29	233.92	5584.1	-92.0	-35.2	2.00	58.64	-91.8	
6	11929.4	10.29	233.92	11824.0	-759.4	-951.2	0.00	0.00	-752.1	
7	12891.8	90.26	359.57	12449.8	-187.7	-1048.3	10.00	125.17	-179.6	
8	18571.7	90.26	359.57	12424.0	5492.0	-1090.9	0.00	0.00	5500.2	TGT#1(Driver 14 Fed Com #705H)
9	18585.9	90.54	359.57	12423.9	5506.2	-1091.0	2.00	-0.98	5514.4	
10	21731.9	90.54	359.57	12394.0	8652.0	-1114.9	0.00	0.00	8660.3	TGT#2(Driver 14 Fed Com #705H)
11	21740.5	90.72	359.57	12393.9	8660.6	-1115.0	2.00	0.00	8668.9	
12	22533.0	90.72	359.57	12384.0	9453.0	-1121.0	0.00	0.00	9461.3	PBHL(Driver 14 Fed Com #705H)

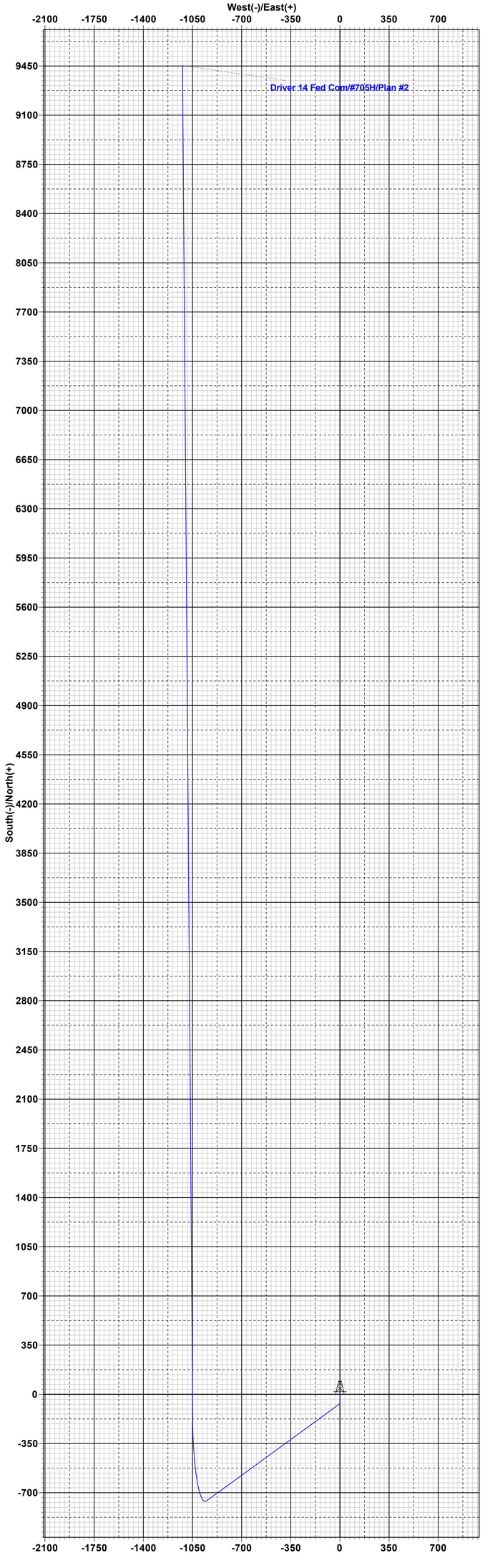
CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
TGT#1(Driver 14 Fed Com #705H)	12424.0	5492.0	-1090.9	479325.00	783141.06
TGT#2(Driver 14 Fed Com #705H)	12394.0	8652.0	-1114.9	482485.00	783117.08
PBHL(Driver 14 Fed Com #705H)	12384.0	9453.0	-1121.0	483286.00	783111.00
FTP(Driver 14 Fed Com #705H)	12451.0	-906.0	-1043.0	472927.00	783189.00
KOP(Driver 14 Fed Com #307H)	11878.0	-956.0	-1042.0	472877.00	783190.00
Plan @ 5100.0 (redrill of #705H west option OH ta	5100.0	0.0	0.0	473833.00	784232.00





Lea County, NM (NAD 83 NME)
Driver 14 Fed Com
#705H
OH
Plan #2
14:52, July 10 2024

DRIVER 14 FED COM 705H API #: 30-025-*** Variances**

EOG respectfully requests the below variances to be applied to the above well:

- Variance is requested to waive the centralizer requirements for the intermediate casing in the intermediate hole. An expansion additive will be utilized, in the cement slurry, for the entire length of the intermediate interval to maximize cement bond and zonal isolation.
- Variance is also requested to waive the centralizer requirements for the production casing in the production hole. An expansion additive will be utilized, in the cement slurry, for the entire length of the production interval to maximize cement bond and zonal isolation.
- EOG requests a variance to set the intermediate casing shoe in the Bone Spring formation or the Wolfcamp formation, depending on depletion in the area and well conditions. EOG will monitor the well and ensure the well is static before casing operations begin.

- Variance is requested to use a co-flex line between the BOP and choke manifold (instead of using a 4" OD steel line).
- Variance is requested to use a 5,000 psi annular BOP with the 10,000 psi BOP stack.
- 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 1,500 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.

EOG requests the additional variance(s) in the attached document(s):

- EOG BLM Variance 2a - Inermediate Bradenhead Cement
- EOG BLM Variance 3a_b - BOP Break-test and Offline Intermediate Cement

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 364531

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 364531
	Action Type: [C-101] BLM - Federal/Indian Land Lease (Form 3160-3)

CONDITIONS

Created By	Condition	Condition Date
pkautz	Will require a File As Drilled C-102 and a Directional Survey with the C-104	7/16/2024
pkautz	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	7/16/2024
pkautz	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	7/16/2024
pkautz	Cement is required to circulate on both surface and intermediate1 strings of casing	7/16/2024
pkautz	If cement does not circulate on any string, a CBL is required for that string of casing	7/16/2024