Santa Fe Main Office
Phone: (505) 476-3441
General Information
Phone: (505) 629-6116

Online Phone Directory Visit:
https://www.emnrd.nm.gov/ocd/contact-us/

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised July 18, 2013

WELL API NO.
30-025-54503

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
DATE 14 STATE COM

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 603H

2. Name of Operator
EOG RESOURCES, INC

9. OGRID Number 7377

3. Address of Operator
P.O. BOX 2267, MIDLAND, TEXAS, 79702

10. Pool name or Wildcat
5535 BERRY; BONE SPRING, NORTH

4. Well Location
Unit Letter M : 968 feet from the SOUTH line and 862 feet from the WEST line
Section 14 Township 21S Range 33E NMPM County LEA

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3814' GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☒	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

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

Date 14 State Com 603H API #: 30-025-54503

Change SHL from T-21-S, R-33-E, Sec 14, 399' FSL, 2155' FEL, LEA Co., NM, to T-21-S, R-33-E, Sec 14, 968' FSL, 862' FWL, LEA Co., N.M.

Update casing and cement program to current design.

Spud Date: _____ Rig Release Date: _____

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kayla McConnell TITLE REGULATORY SPECIALIST DATE 11/26/25

Type or print name KAYLA MCCONNELL E-mail address: KAYLA_MCCONNELL@EOGRESOURCES.COM PHONE: 432-265-6804

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any):

C-102	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
Submit Electronically Via OCD Permitting		Submittal Type: ☐ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-54503	5535	BERRY; BONE SPRING, NORTH

Property Code	Property Name	Well Number
319585	DATE 14 STATE COM	603H

OGRID No.	Operator Name	Ground Level Elevation
7377	EOG RESOURCES, INC.	3814'

Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
M	14	21-S	33-E	-	968' S	862' W	N 32.4742226	W 103.5489793	LEA

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
B	11	21-S	33-E	-	100' N	2270' E	N 32.5002869	W 103.5420670	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
640.00	INFILL	30-025-54504 ~~DATE 14 STATE COM #204H~~	Y	C

Order Numbers: COMM AGREEMENT #205228

Well Setbacks are under Common Ownership: ☐ Yes ☐ No

Kick Off Point (KOP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
O	14	21-S	33-E	-	50' S	2270' E	N 32.4716714	W 103.5420713	LEA

First Take Point (FTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
O	14	21-S	33-E	-	100' S	2270' E	N 32.4718088	W 103.5420713	LEA

Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
B	11	21-S	33-E	-	100' N	2270' E	N 32.5002869	W 103.5420670	LEA

Unitized Area or Area of Uniform Intrest	Spacing Unity Type	Ground Floor Elevation
COMM AGREEMENT	☒ Horizontal ☐ Vertical	3839'

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief; and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Kayla McConnell — 11/26/25

Signature — Date

KAYLA MCCONNELL

Print Name

KAYLA_MCCONNELL@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.

RAMON DOMINGUEZ — NEW MEXICO — 24508 — PROFESSIONAL SURVEYOR

11/25/2025 6:47:52 PM

Signature and Seal of Professional Surveyor — Date

Certificate Number

Date of Survey: 10/12/2024

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C-102

Submit Electronically
Via OCD Permitting

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

Revised July 9, 2024

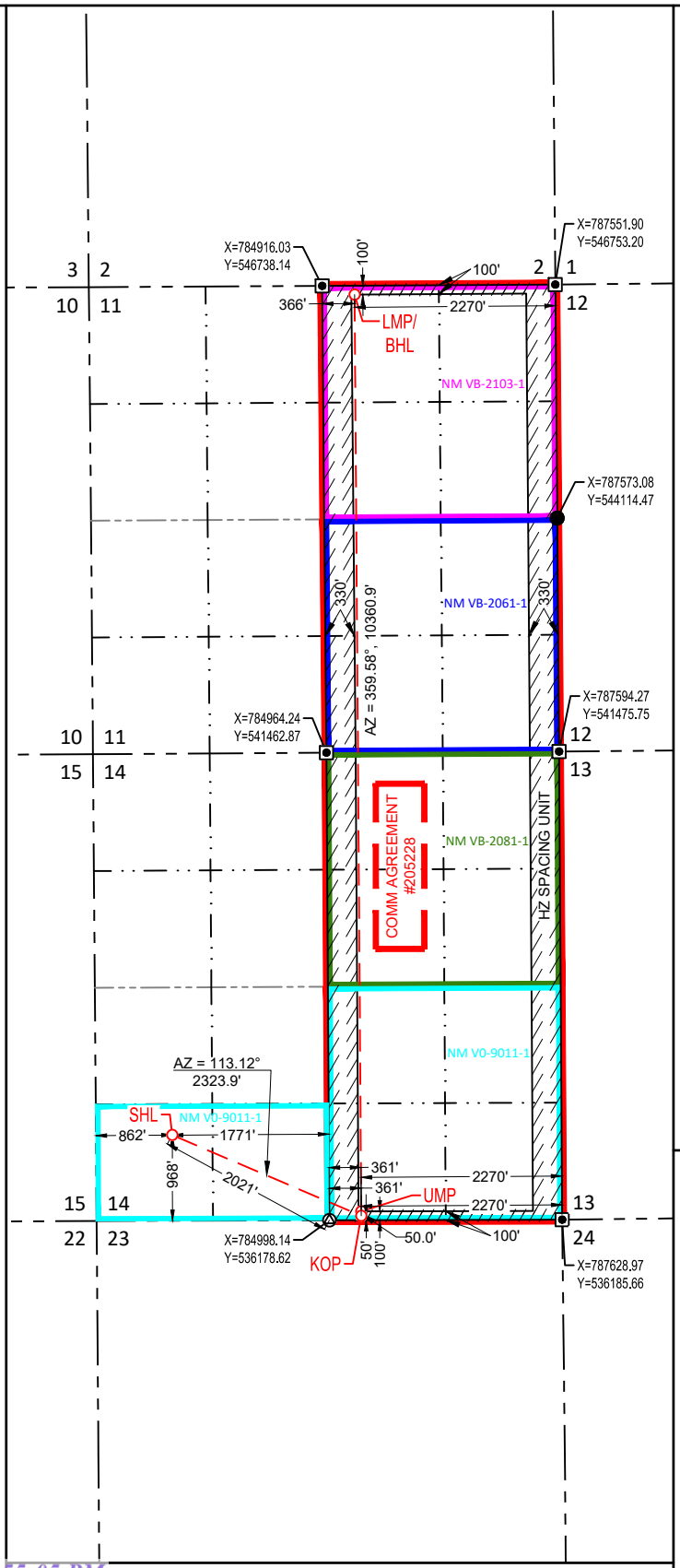
Submittal Type:
- ☐ Initial Submittal
- ☒ Amended Report
- ☐ As Drilled

Property Name and Well Number

DATE 14 STATE COM 603H

SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=783221 Y=537142
LAT.: N 32.4742226
LONG.: W 103.5489793
NAD 1927
X=742039 Y=537081
LAT.: N 32.4740992
LONG.: W 103.5484930
968' FSL 862' FWL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=785359 Y=536230
LAT.: N 32.4716714
LONG.: W 103.5420713
NAD 1927
X=744177 Y=536168
LAT.: N 32.4715479
LONG.: W 103.5415853
50' FSL 2270' FEL



UPPER MOST PERF. (UMP)
NEW MEXICO EAST
NAD 1983
X=785358 Y=536280
LAT.: N 32.4718088
LONG.: W 103.5420713
NAD 1927
X=744176 Y=536218
LAT.: N 32.4716854
LONG.: W 103.5415853
100' FSL 2270' FEL

LOWER MOST PERF. (LMP)
BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=785283 Y=546640
LAT.: N 32.5002869
LONG.: W 103.5420670
NAD 1927
X=744101 Y=546578
LAT.: N 32.5001635
LONG.: W 103.5415801
100' FNL 2270' FEL

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.

10/12/2024
Date of Survey
Signature and Seal of Professional Surveyor:

S:\SURVEY\COG_MIDLAND\DATE_STATE_COM\FINAL_PRODUCTS\5.0_DATE_14_STATE_COM_603H_C102_REV1.dwg CALEB OTTEN 11/25/2025 6:47 PM

eog resources

Date 14 State Com 603H

968' FSL
862' FWL
Section 14
T-21-S, R-33-E

Proposed Wellbore

30-025-54503

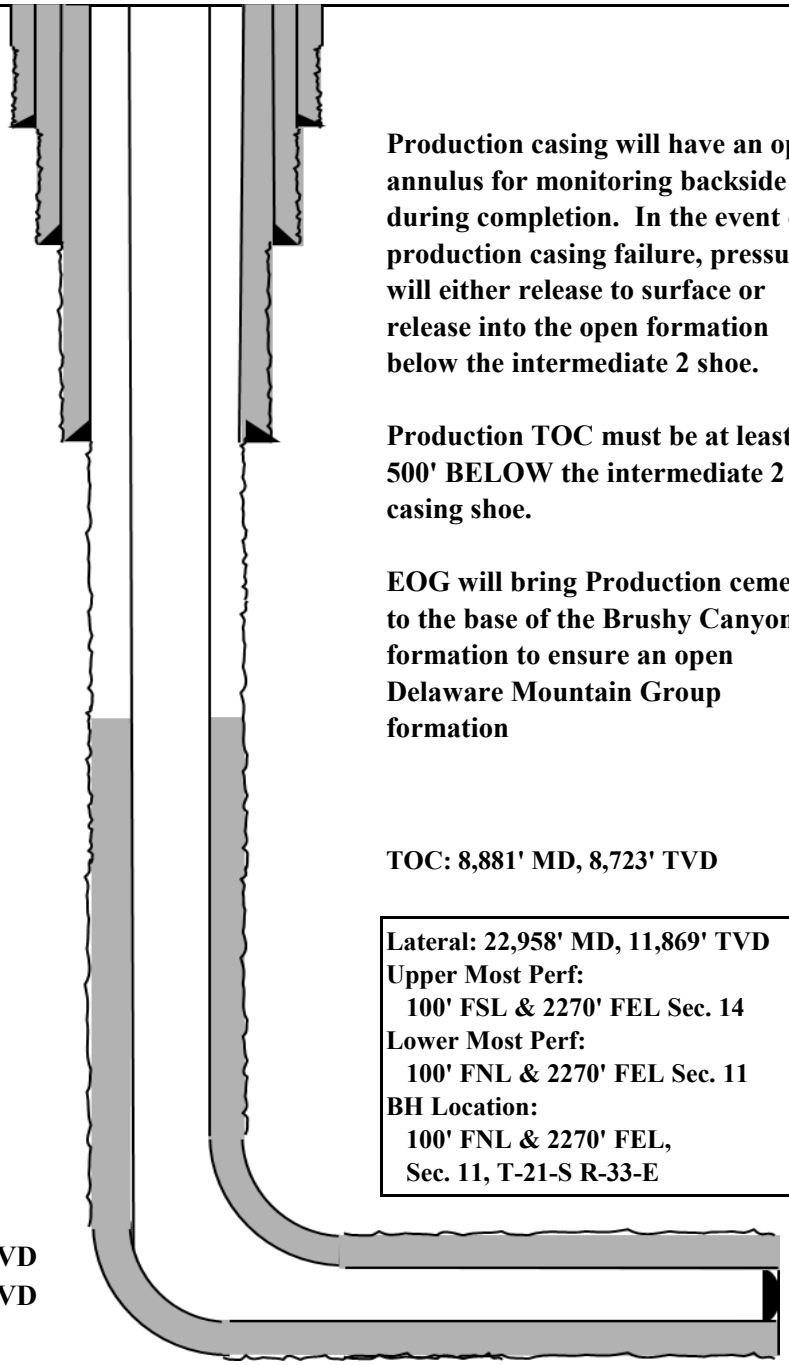
KB: 3839'
GL: 3814'

Bit Size: 16"
13-3/8", 54.5#, J-55, STC
@ 0' - 1,953' MD
@ 0' - 1,953' TVD

Bit Size: 12-1/4"
10-3/4", 45.5#, HCL80, BTC-SC
@ 0' - 4,007' MD
@ 0' - 3,849' TVD

Bit Size: 9-7/8"
8-5/8", 32#, J-55, BTC-SC
@ 0' - 6,102' MD
@ 0' - 5,944' TVD

Bit Size: 7-7/8"
6", 25.5#, P110-MS, VAM Sprint-TC
@ 0' - 12,276' MD
@ 0' - 11,392' TVD
6", 24.5#, P110-EC, VAM Sprint-TC
@ 12,276' - 22,958' MD



Production casing will have an open annulus for monitoring backside during completion. In the event of a production casing failure, pressure will either release to surface or release into the open formation below the intermediate 2 shoe.

Production TOC must be at least 500' BELOW the intermediate 2 casing shoe.

EOG will bring Production cement to the base of the Brushy Canyon formation to ensure an open Delaware Mountain Group formation

TOC: 8,881' MD, 8,723' TVD

Lateral: 22,958' MD, 11,869' TVD
Upper Most Perf:
100' FSL & 2270' FEL Sec. 14
Lower Most Perf:
100' FNL & 2270' FEL Sec. 11
BH Location:
100' FNL & 2270' FEL,
Sec. 11, T-21-S R-33-E

KOP: 12,276' MD, 11,392' TVD
EOC: 13,026' MD, 11,869' TVD

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Date 14 State Com 603H

4. 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
16"	0	1,953	0	1,953	13-3/8"	54.5#	J-55	STC
12-1/4"	0	4,007	0	3,849	10-3/4"	45.5#	HCL80	BTC-SC
9-7/8"	0	6,102	0	5,944	8-5/8"	32#	J-55	BTC-SC
7-7/8"	0	12,276	0	11,392	6"	25.5#	P110-MS	VAM Sprint-TC
7-7/8"	12,276	22,958	11,392	11,869	6"	24.5#	P110-EC	VAM Sprint-TC

**For highlighted rows above, variance is requested to run entire string of either 6" 25.5# or 6" 24.5# casing string above due to availablility.

Well is in the KPLA. EOG is aware of the updates to the KPLA requirements resulting in Order R-111-Q, and plans to comply with Order R-111-Q. EOG will monitor and meet the anticollision requirements of R-111-Q. EOG will also monitor the production by 2nd intermediate annulus during frac operations as per design specifications in the Order.

5. CEMENTING PROGRAM:

Depth	No. Sacks	Wt. ppg	Yld Ft3/sk	Slurry Description
1,953' 13-3/8"	510	13.2	1.73	Lead: Class C/H + Additives (TOC @ Surface)
	132	14.8	1.34	Tail: Class C/H + Additives (TOC @ 1,562' TVD)
3,849' 10-3/4"	811	12.7	1.11	Lead: Class C/H + Additives (High Sulface Resistance slurry, min 10% BWOW Salt) + Expansive Additives (TOC @ Surface)
	175	14.8	1.50	Tail: Class C /H + Additives (High Sulface Resistance slurry, min 10% BWOW Salt) + Expansive Additives (TOC @ 3,079' TVD)
5,944' 8-5/8"	749	14.2	1.11	1st Stage (Tail): Class C/H + Additives + Expansive Additives (TOC @ 4,755')
	129	14.8	1.50	2nd Stage: Class C/H + Additives + Expansion Additives (TOC @ surface)
22,958' 6"x6"	1553	13.2	1.52	Class C/H + Additives (TOC @ 8,723' - NO EXCESS)

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Date 14 State Com 603H

6. MUD PROGRAM

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,953' Surface	Fresh - Gel	8.6-8.8	28-34	N/c
1,953' – 3,849' 1st Int.	Brine	9.4-10.8	28-34	N/c
3,849' - 5,944' 2nd Int.	Fresh - Gel	8.6-9.2	28-34	N/c - 6
5,944' TVD – 22,958' MD Lateral	Oil Base	8.8-9.5	58-68	N/c - 6

7. 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.

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Date 14 State Com 603H

Potash Area Requirements

(A) Since this well is in the Potash Area – R111-Q requires that a monitored open annulus shall incorporated during completion by leaving the annulus between the 2nd intermediate and production casing strings un-cemented and monitored.

1) The top of cement in the annulus between the 2nd intermediate and production casing strings shall stand uncemented at least 500 feet below the 2nd intermediate casing shoe. Zero percent excess shall be pumped on the production cementing slurry to ensure no tie-back into the intermediate casing shoe.
2) Not less than two (2) weeks prior to commencing hydraulic fracturing operations on wells of this design, EOG will provide notice to operators of offset wells actively producing from the Delaware Mountain Group located within one (1) mile of subject well's surface hole location. During hydraulic fracturing operations, the pump pressure and annulus between the intermediate and production casing strings shall be continuously monitored for signs of production casing failure.
3) After hydraulic fracturing operations have been concluded and no longer than 180 days after the well is brought online, EOG will bradenhead cement to ensure at least 500 ft tie-back has been established inside the 2nd intermediate string but not higher than USGS Marker Bed No. 126.
4) The top of cement may be estimated through pumped displacement volumes or with the use of a fluid shot tool prior to filling backside with fluid.

(B) Drilling Fluid for 1st Intermediate Hole Section
The fluid used while drilling the salt section shall consist of water, to which has been added sufficient salts of a character common to the zone penetrated to completely saturate the mixture or non-aqueous drill fluid. Other additives may be added to the fluid by the operator to address any specific well control problem. This requirement is specifically intended to prevent enlarged bore holes.

(C) Notificaiton Requirements to Potash Operator
EOG shall notify both potash operators as soon as possibly if any of the following conditions are encountered during operations:

1) Indication of any well collision event
2) Suspected well fluid flow (oil, gas, produced water) outside of casing
3) Sustained annulus pressure between 1st intermediate and next innermost casing string in excess of 500 psi above the baseline pressure of the well, or above 1500 psi total
4) Increasing pressure buildup rates (psi/day) across multiple successive bleed-off cycles on the annulus between the 1st intermediate and next innermost casing during well production
5) Sustained losses in excess of 50% through the salt formation during drilling.

(D) See attached 4-string Design.

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Date 14 State Com #603H

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.

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Date 14 State Com #603H

- 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.

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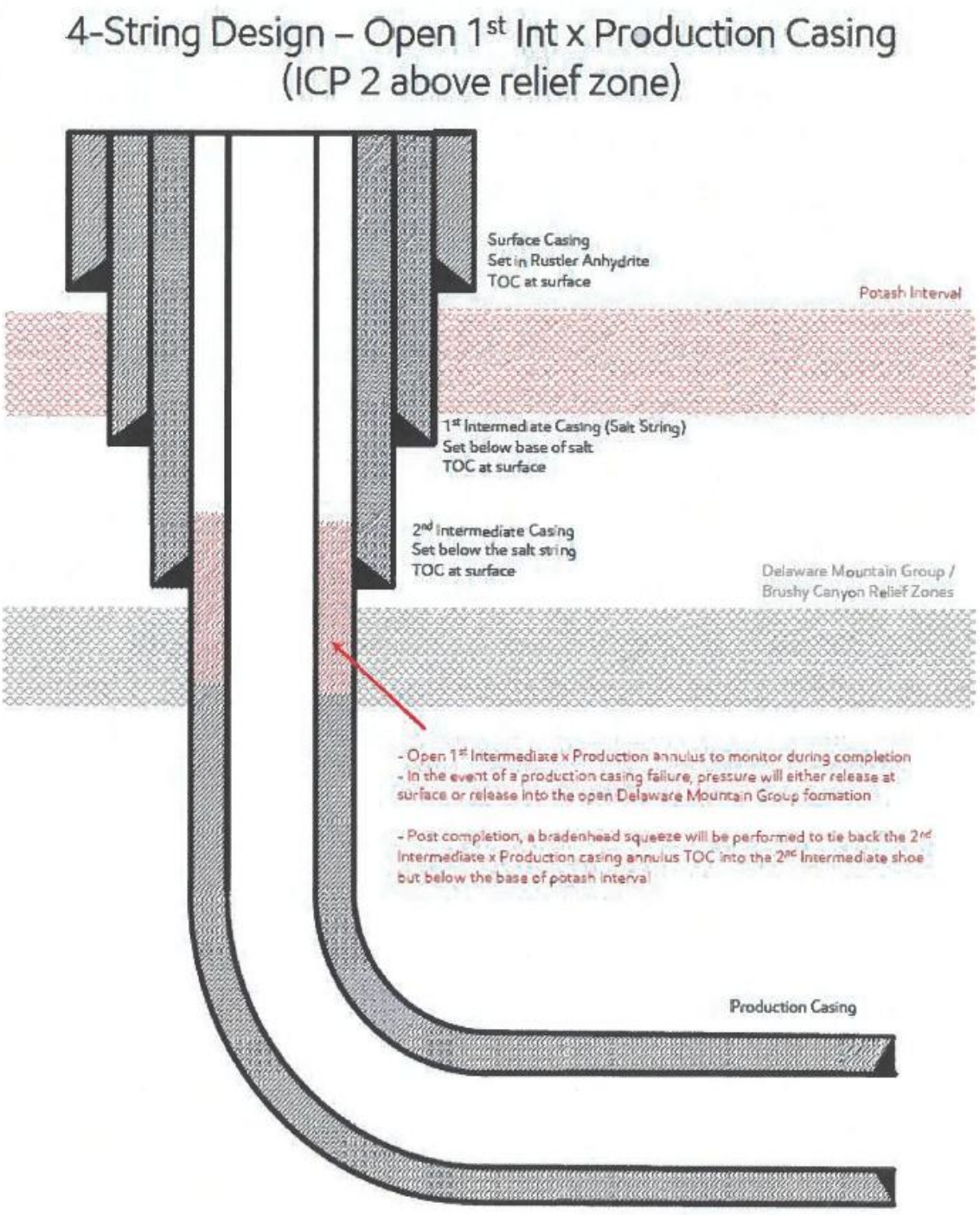
Date 14 State Com #603H



[Figure E] 4 String – Uncemented Annulus between 2nd Intermediate and Production Casing Strings

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Date 14 State Com #603H

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
NMOCD Inspection Group - South		(575) 626-0830
U.S. Dept. of Labor		(575) 887-1174
EOG Resources, Inc.		
EOG / Midland	Office	(432) 686-3600
Safety:		
Brian Chandler (HSE Manager)	Office	(432) 686-3695
	Cell	(817) 239-0251

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Date 14 State Com 603H

1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Rustler	1,883'
Tamarisk Anhydrite	1,990'
Top of Salt	2,320'
Marker Bed 126	3,123'
Capitan	3,949'
Base of Capitan	5,609'
Bell Canyon	5,750'
Cherry Canyon	5,894'
Brushy Canyon	6,912'
Bone Spring Lime	8,823'
Leonard (Avalon) Shale	9,049'
1st Bone Spring Sand	9,993'
2nd Bone Spring Shale	10,219'
2nd Bone Spring Sand	10,562'
3rd Bone Spring Carb	11,076'
3rd Bone Spring Sand	11,633'
Wolfcamp	11,869'
TD	11,869'

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

Upper Permian Sands	0- 400’	Fresh Water
Base of Capitan	5,609'	Oil
Cherry Canyon	5,894'	Oil
Brushy Canyon	6,912'	Oil
Bone Spring Lime	8,823'	Oil
Leonard (Avalon) Shale	9,049'	Oil
1st Bone Spring Sand	9,993'	Oil
2nd Bone Spring Shale	10,219'	Oil
2nd Bone Spring Sand	10,562'	Oil

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EOG Batch Casing

Pad Name: Date 14 State SUNDRY

SHL: Section 14, Township 21-S, Range 33-E, LEA County, NM

Well Name	API #	Surface		Intermediate 1		Intermediate 2		Intermediate 3		Production	
		MD	TVD	MD	TVD	MD	TVD	MD	TVD	MD	TVD
Date 14 State Com #204H	30-025-54504	1,953	1,953	3,849	3,849	6,062	5,944	N/A	N/A	20,049	9,735
Date 14 State Com #205H	30-025-54507	1,953	1,953	4,205	3,849	6,300	5,944	N/A	N/A	20,259	9,735
Date 14 State Com #504H	30-025-54514	1,953	1,953	3,951	3,849	6,046	5,944	N/A	N/A	20,875	10,575
Date 14 State Com #603H	30-025-54503	1,953	1,953	4,007	3,849	6,102	5,944	N/A	N/A	22,958	11,869
Date 14 State Com #801H	30-025-54552	1,953	1,953	3,962	3,849	6,057	5,944	11,749	11,649	22,430	12,126
Date 14 State Com #901H	30-025-54553	1,953	1,953	3,914	3,849	6,009	5,944	12,208	12,148	22,894	12,625

Date 14 State Com 603H

EOG is aware of the updates to the KPLA requirements in R-111-Q and plans to comply with the R-111-Q order. Anticollision requirements will be monitored and met.

R-111-Q Casing and Cementing Requirements:

The surface casing string shall have at least the following centralization program:

- One centralizer per joint across the shoe track
- One centralizer per 2 joints from casing shoe to the top of useable fresh water
- Not less than one centralizer every 3 joints for surface casing

A casing pressure test shall be made before drilling below the casing seat or at the time of plug bump. The casing shall be tested to 0.22 psi/ft of casing string length or 1500 psi, whichever is greater, but not to exceed 70% of casing burst. If a drop of 10% or more should occure within 30 minutes, corrective measures shall be applied. Shoe integrity shall be verified via a formation integrity test (FIT).

The well path may be deviated from vertical after completely penetrating USGS Marker Bed No. 126

The 1st intermediate casing string shall be set at least 100 ft below the base of the salt interval and above the highest known oil/gas zone, and have at least the following centralization program:

- One centralizer per joint across the shoe track and not less than 1 centralizer every 3 joints to surface
- EOG will confirm the effectiveness of centralization program with cement placement simulations
- The Division (NMOCD) may require addional centalizers on the salt string, if it deems it necessary

The 1st intermediate cement slurry shall have the following characteristics:

- Cement will be a high sulfate resistance (HSR) slurry
- Include a minimum of 10% BWOW salt
- Include an expansion additive (1-3% BWO Magnesium Oxide or equivalent)

The 2nd intermediate casing string is required in areas of the Capitan Reef (unless exempted by the Division), and shall be set 150 ft above the Base of the Capitan formation.

EOG will incoporate method C(5)(c)(iii) for the 4 string designs, leaving the annulus between the 2nd intermediate and the production string open and monitored. The top of production cement will be at least 500 ft below the 2nd intermediate casing point, and ZERO EXCESS will be pumped to ensure no tie-back into the 2nd intermediate.

EOG will incoporate a modified method C(5)(c)(ii) for the 5 string designs, leaving the annulus between the 2nd and 3rd intermediates open and monitored. The top of the 3rd intermediate cement will be at least 500 ft below the 2nd intermediate casing point, and ZERO EXCESS will be pumped to ensure no tie-back into the 2nd intermediate.

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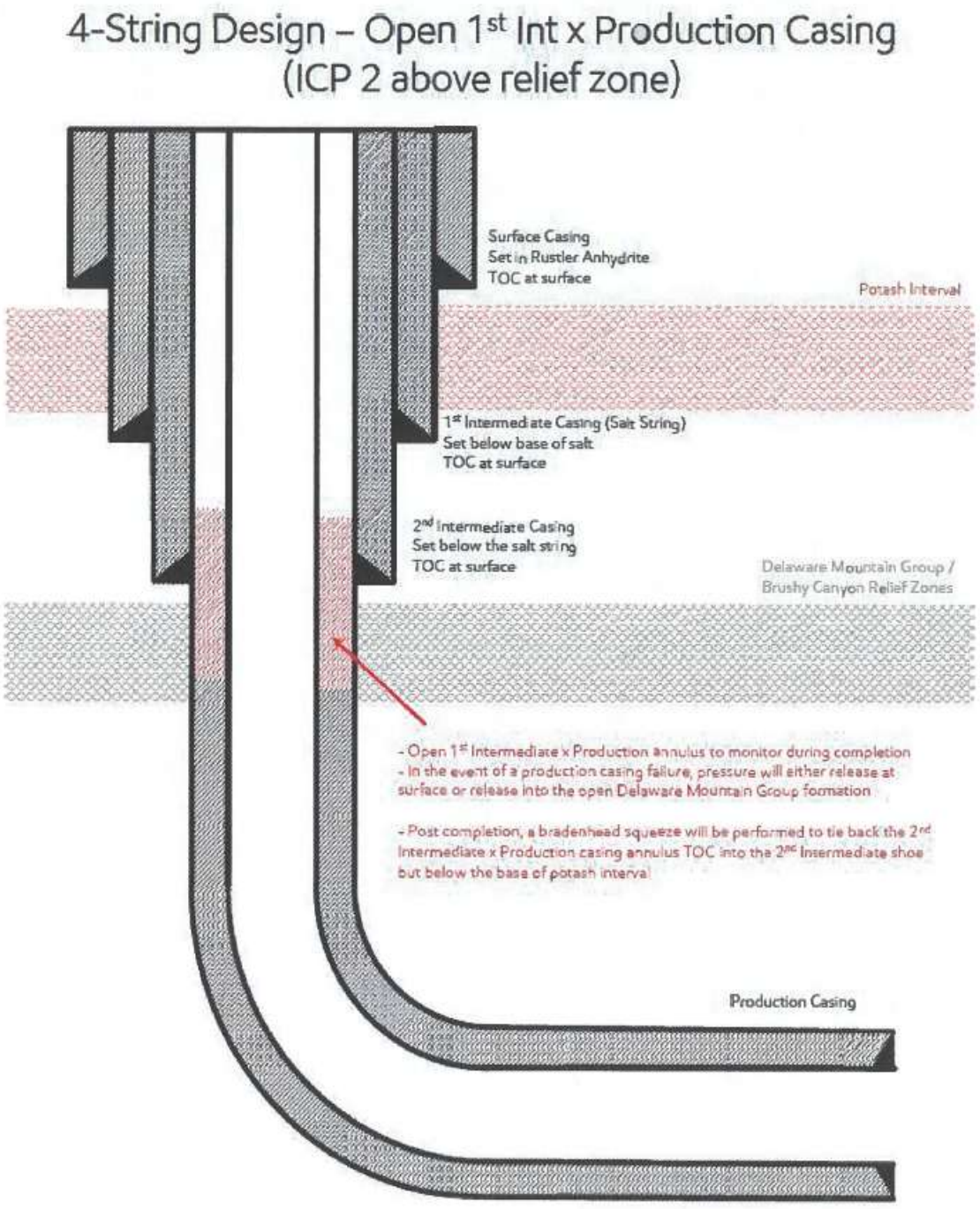
After hydraulic fracturing operations have been concluded/no more than 180 days after the well is brought online, EOG will bradenhead cement to ensure at least 500 ft of tie-back inside the 2nd intermediate casing, but not higher than USGS Marker Bed No. 126., and at least 50' above the Capitan formation.

See Attached Figure E from R-111-Q for 4 String - Uncemented Annulus WBD.



[Figure E] 4 String – Uncemented Annulus between 2nd Intermediate and Production Casing Strings

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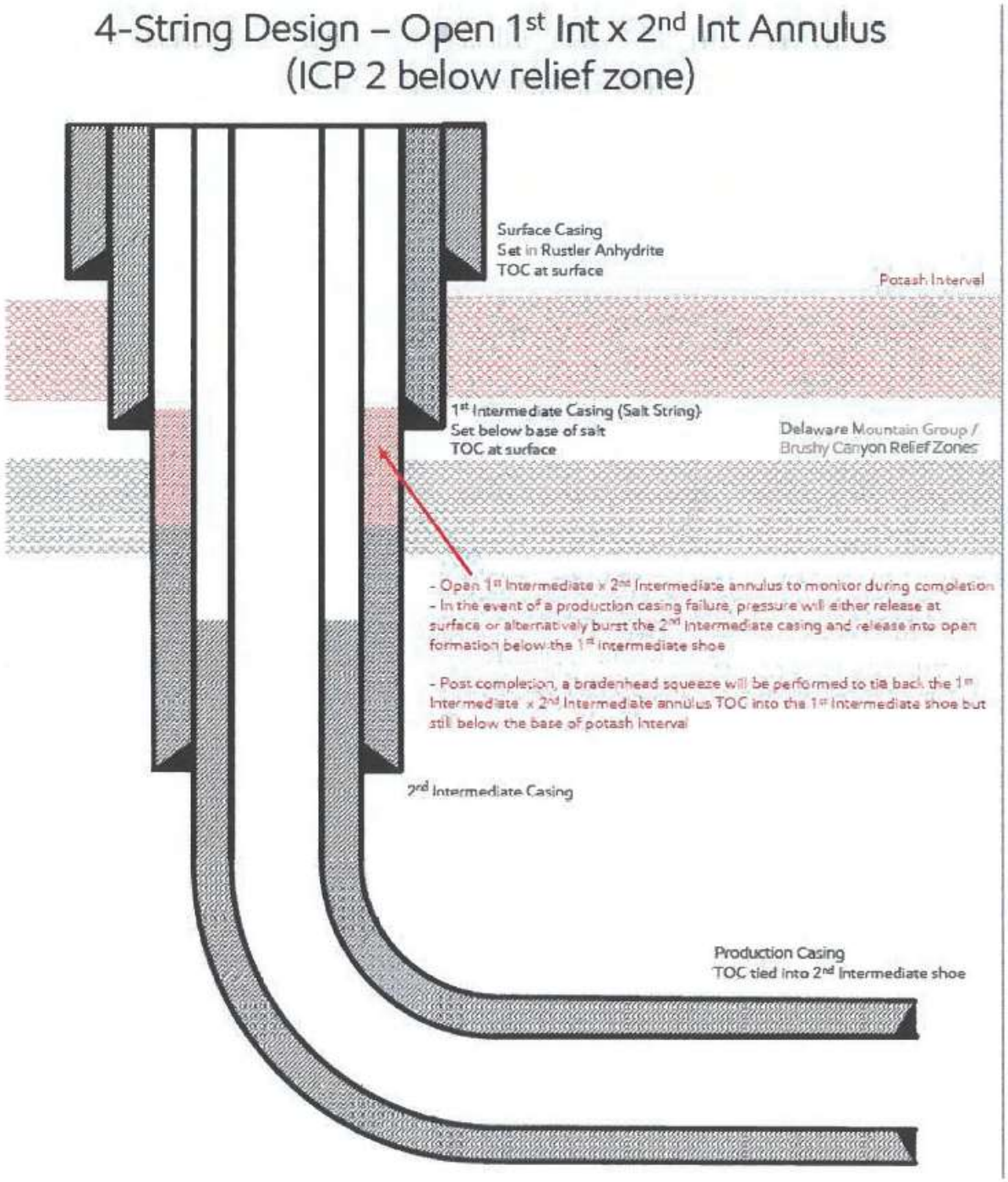
After hydraulic fracturing operations have been concluded/no more than 180 days after the well is brought online, EOG will bradenhead cement to ensure at least 500 ft of tie-back between the 3rd and the 2nd intermediate casings, but not higher than USGS Marker Bed No. 126, and at least 50' above the Capitan formation.

See Attached Figure D from R-111-Q. This design will be modified for EOG's 5 string designs, where the annulus between the 3rd and 2nd intermediate casings will be left open below the 2nd intermediate casing shoe.



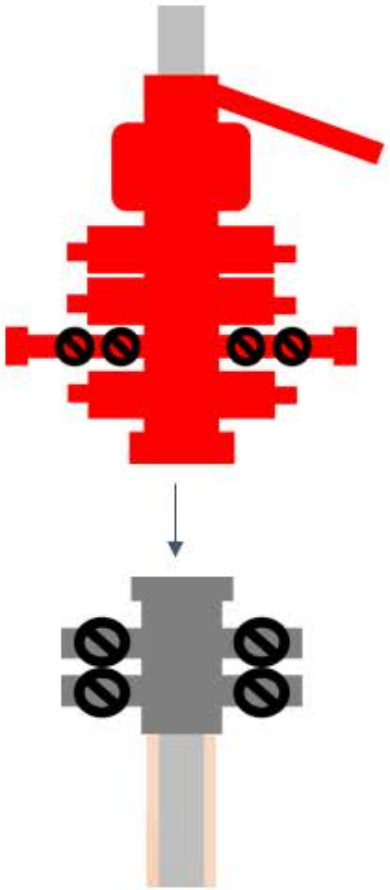
[Figure D] 4 String – Uncemented annulus between 1st and 2nd Intermediate casing strings

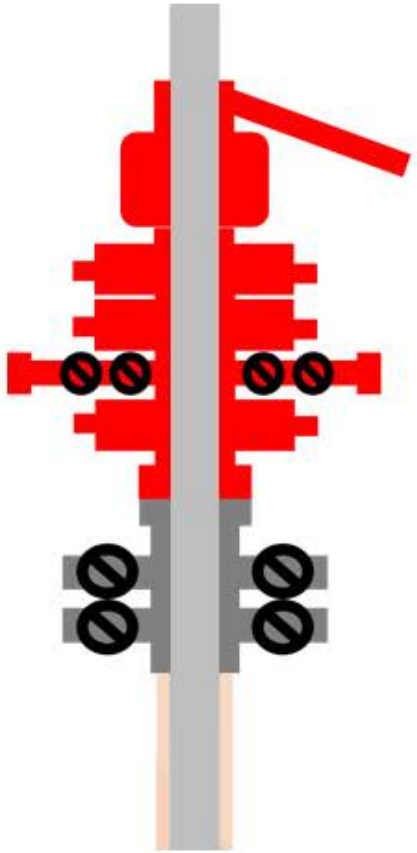
Break-test BOP & Offline Cementing:

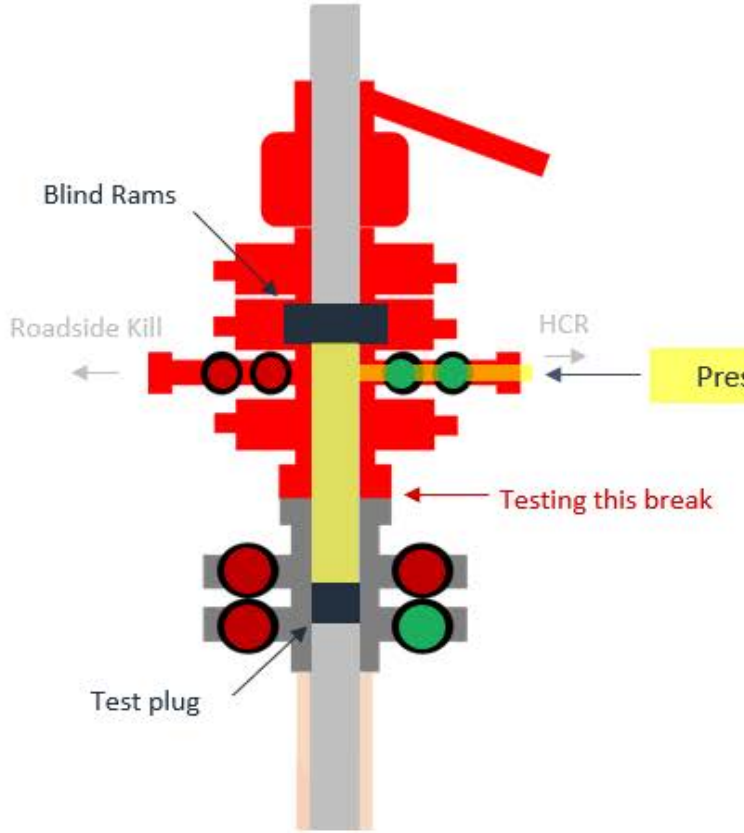
EOG Resources Inc. (EOG) respectfully requests a variance from the minimum standards for well control equipment testing of ECFR Title 43 Part 3172.6(b)(9)(iv) to allow a testing schedule of the blow out preventer (BOP) and blow out prevention equipment (BOPE) along with Batch Drilling & Offline cement operations to include the following:

- Full BOPE test at first installation on the pad.
- Full BOPE test every 30 days.
- This test will be conducted for 5M rated hole intervals only.
- Each rig requesting the break-test variance is capable of picking up the BOP without damaging components using winches, following API Standard 53, Well Control Equipment Systems for Drilling Wells (Fifth edition, December 2018, Annex C. Table C.4) which recognizes break testing as an acceptable practice.
- Function tests will be performed on the following BOP elements:
    - Annular à during each full BOPE test
    - Upper Pipe Rams à On trip ins where FIT required
    - Blind Rams à Every trip
    - Lower Pipe Rams à during each full BOPE test
- Break testing BOP and BOPE coupled with batch drilling operations and option to offline cement and/or remediate (if needed) any surface or intermediate sections, according to attached offline cementing support documentation.
- After the well section is secured, the BOP will be disconnected from the wellhead and walked with the rig to another well on the pad.
- TA cap will also be installed per Wellhead vendor procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops.

Break Test Diagram (HCR valve)



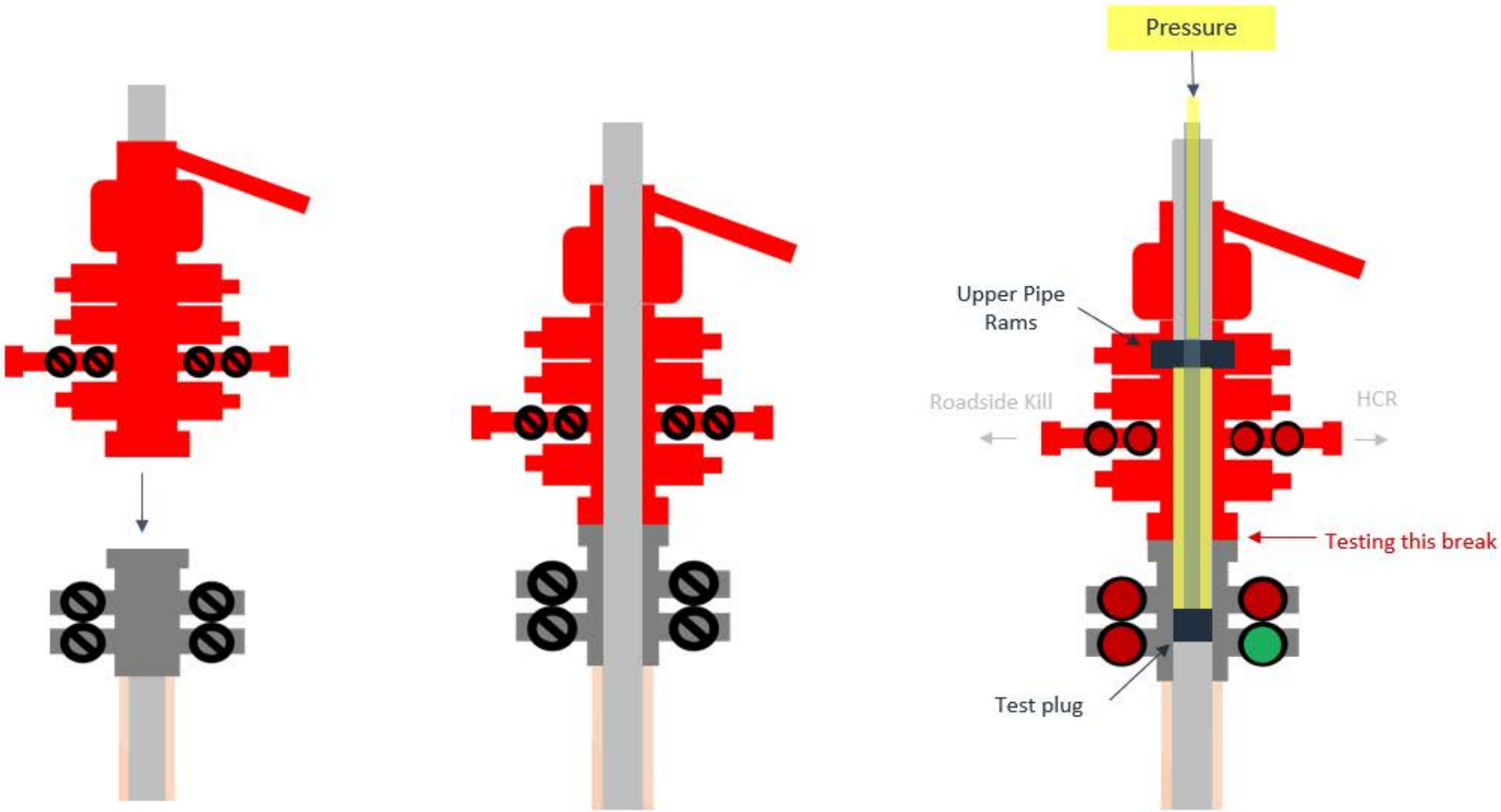




Steps

1. Set plug in wellhead (lower barrier)
2. Close Blind Rams (upper barrier)
3. Close roadside kill
4. Open HCR (pressure application)
5. Open wellhead valves below test plug to ensure if leak past test plug, pressure won't be applied to wellbore
6. Tie BOP testers high pressure line to main choke manifold crown valve
7. Pressure up to test break
8. Bleed test pressure from BOP testing unit

Break Test Diagram (Test Joint)



Steps

1. Set plug in with test joint wellhead (lower barrier)
2. Close Upper Pipe Rams (upper barrier)
3. Close roadside kill
4. Close HCR
5. Open wellhead valves below test plug to ensure if leak past test plug, pressure won't be applied to wellbore
6. Tie BOP testers high pressure line to top of test joint
7. Pressure up to test break
8. Bleed test pressure from BOP testing unit

Midland

Lea County, NM (NAD 83 NME)
Date 14 State Com
#603H

OH

Plan: Plan #0.2

Standard Planning Report

25 November, 2025

eog resources

Planning Report

Database:	EDT_18	**Local Co-ordinate Reference:**	Well #603H
Company:	Midland	**TVD Reference:**	KB = 26' @ 3840.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26' @ 3840.0usft
Site:	Date 14 State Com	**North Reference:**	Grid
Well:	#603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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 Date 14 State Com

Site Position:		**Northing:**	536,428.00 usft	**Latitude:**	32° 28' 19.914 N
From:	Map	**Easting:**	786,265.00 usft	**Longitude:**	103° 32' 20.860 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "		

Well #603H

Well Position	**+N/-S**	0.0 usft	**Northing:**	537,142.00 usft	**Latitude:**	32° 28' 27.201 N
	+E/-W	0.0 usft	**Easting:**	783,221.00 usft	**Longitude:**	103° 32' 56.330 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,814.0 usft
Grid Convergence:		0.42 °				

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	10/23/2024	6.16	60.02	47,290.94643156

Design Plan #0.2

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	12.25

Plan Survey Tool Program **Date** 11/25/2025

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	22,958.4	Plan #0.2 (OH)	EOG MWD+IFR1	
				MWD + IFR1	

eog resources

Planning Report

Database:	EDT_18	**Local Co-ordinate Reference:**	Well #603H
Company:	Midland	**TVD Reference:**	KB = 26' @ 3840.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26' @ 3840.0usft
Site:	Date 14 State Com	**North Reference:**	Grid
Well:	#603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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	
3,123.0	0.00	0.00	3,123.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,335.5	59.64	113.10	4,957.0	-412.5	967.0	2.70	2.70	0.00	113.10	
5,592.6	59.64	113.10	5,087.0	-499.5	1,171.0	0.00	0.00	0.00	0.00	
7,805.1	0.00	0.00	6,921.0	-912.0	2,138.0	2.70	-2.70	0.00	180.00	
12,275.6	0.00	0.00	11,391.5	-912.0	2,138.0	0.00	0.00	0.00	0.00	KOP(Date 14 State #(
12,496.1	26.46	358.85	11,604.2	-862.0	2,137.0	12.00	12.00	-0.52	358.85	FTP(Date 14 State #6
13,025.6	90.00	359.59	11,868.9	-434.6	2,132.3	12.00	12.00	0.14	0.83	
22,958.4	90.00	359.59	11,869.0	9,498.0	2,062.0	0.00	0.00	0.00	0.00	PBHL(Date 14 State #

eog resources

Planning Report

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Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26' @ 3840.0usft
Site:	Date 14 State Com	**North Reference:**	Grid
Well:	#603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,123.0	0.00	0.00	3,123.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	2.08	113.10	3,200.0	-0.5	1.3	-0.3	2.70	2.70	0.00
3,300.0	4.77	113.10	3,299.8	-2.9	6.8	-1.4	2.70	2.70	0.00
3,400.0	7.47	113.10	3,399.2	-7.1	16.6	-3.4	2.70	2.70	0.00
3,500.0	10.16	113.10	3,498.0	-13.1	30.7	-6.3	2.70	2.70	0.00
3,600.0	12.86	113.10	3,596.0	-20.9	49.0	-10.0	2.70	2.70	0.00
3,700.0	15.55	113.10	3,692.9	-30.5	71.6	-14.7	2.70	2.70	0.00
3,800.0	18.25	113.10	3,788.6	-41.9	98.3	-20.1	2.70	2.70	0.00
3,900.0	20.95	113.10	3,882.8	-55.1	129.2	-26.4	2.70	2.70	0.00
4,000.0	23.64	113.10	3,975.3	-70.0	164.1	-33.6	2.70	2.70	0.00
4,100.0	26.34	113.10	4,066.0	-86.6	202.9	-41.5	2.70	2.70	0.00
4,200.0	29.03	113.10	4,154.5	-104.8	245.7	-50.3	2.70	2.70	0.00
4,300.0	31.73	113.10	4,240.8	-124.6	292.2	-59.8	2.70	2.70	0.00
4,400.0	34.42	113.10	4,324.5	-146.0	342.4	-70.1	2.70	2.70	0.00
4,500.0	37.12	113.10	4,405.7	-169.0	396.1	-81.1	2.70	2.70	0.00
4,600.0	39.82	113.10	4,484.0	-193.4	453.3	-92.8	2.70	2.70	0.00
4,700.0	42.51	113.10	4,559.2	-219.2	513.9	-105.2	2.70	2.70	0.00
4,800.0	45.21	113.10	4,631.3	-246.4	577.6	-118.2	2.70	2.70	0.00
4,900.0	47.90	113.10	4,700.1	-274.9	644.4	-131.9	2.70	2.70	0.00
5,000.0	50.60	113.10	4,765.4	-304.6	714.1	-146.2	2.70	2.70	0.00
5,100.0	53.29	113.10	4,827.0	-335.5	786.5	-161.0	2.70	2.70	0.00
5,200.0	55.99	113.10	4,884.9	-367.5	861.5	-176.3	2.70	2.70	0.00

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Planning Report

Database:	EDT_18	**Local Co-ordinate Reference:**	Well #603H
Company:	Midland	**TVD Reference:**	KB = 26' @ 3840.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26' @ 3840.0usft
Site:	Date 14 State Com	**North Reference:**	Grid
Well:	#603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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)
5,300.0	58.69	113.10	4,938.8	-400.5	938.9	-192.2	2.70	2.70	0.00
5,335.5	59.64	113.10	4,957.0	-412.5	967.0	-197.9	2.70	2.70	0.00
5,400.0	59.64	113.10	4,989.6	-434.3	1,018.2	-208.4	0.00	0.00	0.00
5,500.0	59.64	113.10	5,040.2	-468.2	1,097.5	-224.7	0.00	0.00	0.00
5,592.6	59.64	113.10	5,087.0	-499.5	1,171.0	-239.7	0.00	0.00	0.00
5,600.0	59.44	113.10	5,090.7	-502.0	1,176.9	-240.9	2.70	-2.70	0.00
5,700.0	56.75	113.10	5,143.6	-535.3	1,255.0	-256.9	2.70	-2.70	0.00
5,800.0	54.05	113.10	5,200.3	-567.6	1,330.7	-272.4	2.70	-2.70	0.00
5,900.0	51.36	113.10	5,260.9	-598.8	1,403.8	-287.4	2.70	-2.70	0.00
6,000.0	48.66	113.10	5,325.2	-628.9	1,474.3	-301.8	2.70	-2.70	0.00
6,100.0	45.97	113.10	5,393.0	-657.7	1,541.9	-315.6	2.70	-2.70	0.00
6,200.0	43.27	113.10	5,464.1	-685.3	1,606.5	-328.9	2.70	-2.70	0.00
6,300.0	40.57	113.10	5,538.5	-711.5	1,668.0	-341.4	2.70	-2.70	0.00
6,400.0	37.88	113.10	5,616.0	-736.3	1,726.1	-353.3	2.70	-2.70	0.00
6,500.0	35.18	113.10	5,696.4	-759.7	1,780.9	-364.5	2.70	-2.70	0.00
6,600.0	32.49	113.10	5,779.4	-781.5	1,832.1	-375.0	2.70	-2.70	0.00
6,700.0	29.79	113.10	5,865.0	-801.8	1,879.6	-384.8	2.70	-2.70	0.00
6,800.0	27.10	113.10	5,952.9	-820.5	1,923.4	-393.7	2.70	-2.70	0.00
6,900.0	24.40	113.10	6,043.0	-837.5	1,963.4	-401.9	2.70	-2.70	0.00
7,000.0	21.70	113.10	6,135.0	-852.9	1,999.4	-409.3	2.70	-2.70	0.00
7,100.0	19.01	113.10	6,228.7	-866.5	2,031.4	-415.8	2.70	-2.70	0.00
7,200.0	16.31	113.10	6,324.0	-878.4	2,059.3	-421.5	2.70	-2.70	0.00
7,300.0	13.62	113.10	6,420.6	-888.6	2,083.0	-426.4	2.70	-2.70	0.00
7,400.0	10.92	113.10	6,518.3	-896.9	2,102.6	-430.4	2.70	-2.70	0.00
7,500.0	8.23	113.10	6,616.9	-903.4	2,117.9	-433.5	2.70	-2.70	0.00
7,600.0	5.53	113.10	6,716.2	-908.1	2,128.9	-435.8	2.70	-2.70	0.00
7,700.0	2.83	113.10	6,815.9	-911.0	2,135.6	-437.2	2.70	-2.70	0.00
7,805.1	0.00	0.00	6,921.0	-912.0	2,138.0	-437.6	2.70	-2.70	0.00
7,900.0	0.00	0.00	7,015.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
8,000.0	0.00	0.00	7,115.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
8,100.0	0.00	0.00	7,215.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
8,200.0	0.00	0.00	7,315.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
8,300.0	0.00	0.00	7,415.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
8,400.0	0.00	0.00	7,515.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
8,500.0	0.00	0.00	7,615.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
8,600.0	0.00	0.00	7,715.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
8,700.0	0.00	0.00	7,815.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
8,800.0	0.00	0.00	7,915.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
8,900.0	0.00	0.00	8,015.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
9,000.0	0.00	0.00	8,115.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
9,100.0	0.00	0.00	8,215.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
9,200.0	0.00	0.00	8,315.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
9,300.0	0.00	0.00	8,415.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
9,400.0	0.00	0.00	8,515.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
9,500.0	0.00	0.00	8,615.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
9,600.0	0.00	0.00	8,715.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
9,700.0	0.00	0.00	8,815.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
9,800.0	0.00	0.00	8,915.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
9,900.0	0.00	0.00	9,015.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
10,000.0	0.00	0.00	9,115.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
10,100.0	0.00	0.00	9,215.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
10,200.0	0.00	0.00	9,315.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
10,300.0	0.00	0.00	9,415.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
10,400.0	0.00	0.00	9,515.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00

eog resources

Planning Report

Database:	EDT_18	**Local Co-ordinate Reference:**	Well #603H
Company:	Midland	**TVD Reference:**	KB = 26' @ 3840.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26' @ 3840.0usft
Site:	Date 14 State Com	**North Reference:**	Grid
Well:	#603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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	0.00	0.00	9,615.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
10,600.0	0.00	0.00	9,715.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
10,700.0	0.00	0.00	9,815.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
10,800.0	0.00	0.00	9,915.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
10,900.0	0.00	0.00	10,015.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
11,000.0	0.00	0.00	10,115.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
11,100.0	0.00	0.00	10,215.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
11,200.0	0.00	0.00	10,315.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
11,300.0	0.00	0.00	10,415.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
11,400.0	0.00	0.00	10,515.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
11,500.0	0.00	0.00	10,615.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
11,600.0	0.00	0.00	10,715.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
11,700.0	0.00	0.00	10,815.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
11,800.0	0.00	0.00	10,915.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
11,900.0	0.00	0.00	11,015.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
12,000.0	0.00	0.00	11,115.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
12,100.0	0.00	0.00	11,215.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
12,200.0	0.00	0.00	11,315.9	-912.0	2,138.0	-437.6	0.00	0.00	0.00
12,275.6	0.00	0.00	11,391.5	-912.0	2,138.0	-437.6	0.00	0.00	0.00
12,300.0	2.93	358.85	11,415.9	-911.4	2,138.0	-437.0	12.00	12.00	0.00
12,325.0	5.93	358.85	11,440.8	-909.4	2,137.9	-435.2	12.00	12.00	0.00
12,350.0	8.93	358.85	11,465.6	-906.2	2,137.9	-432.0	12.00	12.00	0.00
12,375.0	11.93	358.85	11,490.2	-901.7	2,137.8	-427.6	12.00	12.00	0.00
12,400.0	14.93	358.85	11,514.5	-895.9	2,137.7	-422.0	12.00	12.00	0.00
12,425.0	17.93	358.85	11,538.4	-888.8	2,137.5	-415.1	12.00	12.00	0.00
12,450.0	20.93	358.85	11,562.0	-880.5	2,137.4	-407.0	12.00	12.00	0.00
12,475.0	23.93	358.85	11,585.1	-871.0	2,137.2	-397.7	12.00	12.00	0.00
12,496.1	26.46	358.85	11,604.2	-862.0	2,137.0	-389.0	12.00	12.00	0.00
12,500.0	26.93	358.87	11,607.7	-860.2	2,137.0	-387.3	12.00	12.00	0.38
12,525.0	29.93	358.95	11,629.7	-848.3	2,136.7	-375.7	12.00	12.00	0.34
12,550.0	32.93	359.03	11,651.0	-835.3	2,136.5	-363.0	12.00	12.00	0.28
12,575.0	35.93	359.09	11,671.6	-821.2	2,136.3	-349.3	12.00	12.00	0.24
12,600.0	38.93	359.14	11,691.5	-806.0	2,136.0	-334.5	12.00	12.00	0.21
12,625.0	41.93	359.18	11,710.5	-789.8	2,135.8	-318.7	12.00	12.00	0.18
12,650.0	44.93	359.23	11,728.7	-772.6	2,135.6	-301.9	12.00	12.00	0.16
12,675.0	47.93	359.26	11,745.9	-754.5	2,135.3	-284.3	12.00	12.00	0.15
12,700.0	50.93	359.30	11,762.1	-735.5	2,135.1	-265.8	12.00	12.00	0.13
12,725.0	53.93	359.33	11,777.4	-715.7	2,134.9	-246.5	12.00	12.00	0.12
12,750.0	56.93	359.35	11,791.6	-695.1	2,134.6	-226.4	12.00	12.00	0.11
12,775.0	59.93	359.38	11,804.7	-673.8	2,134.4	-205.6	12.00	12.00	0.11
12,800.0	62.93	359.41	11,816.6	-651.9	2,134.1	-184.2	12.00	12.00	0.10
12,825.0	65.93	359.43	11,827.4	-629.3	2,133.9	-162.3	12.00	12.00	0.09
12,850.0	68.93	359.45	11,837.0	-606.2	2,133.7	-139.7	12.00	12.00	0.09
12,875.0	71.93	359.47	11,845.4	-582.7	2,133.5	-116.8	12.00	12.00	0.09
12,900.0	74.93	359.50	11,852.5	-558.7	2,133.3	-93.4	12.00	12.00	0.08
12,925.0	77.93	359.52	11,858.4	-534.4	2,133.0	-69.7	12.00	12.00	0.08
12,950.0	80.93	359.54	11,862.9	-509.8	2,132.8	-45.7	12.00	12.00	0.08
12,975.0	83.93	359.56	11,866.2	-485.1	2,132.6	-21.6	12.00	12.00	0.08
13,000.0	86.93	359.57	11,868.2	-460.1	2,132.5	2.7	12.00	12.00	0.08
13,025.6	90.00	359.59	11,868.9	-434.6	2,132.3	27.7	12.00	12.00	0.08
13,100.0	90.00	359.59	11,868.9	-360.2	2,131.7	100.3	0.00	0.00	0.00
13,200.0	90.00	359.59	11,868.9	-260.2	2,131.0	197.9	0.00	0.00	0.00
13,300.0	90.00	359.59	11,868.9	-160.2	2,130.3	295.4	0.00	0.00	0.00
13,400.0	90.00	359.59	11,868.9	-60.2	2,129.6	393.0	0.00	0.00	0.00

eog resources

Planning Report

Database:	EDT_18	**Local Co-ordinate Reference:**	Well #603H
Company:	Midland	**TVD Reference:**	KB = 26' @ 3840.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26' @ 3840.0usft
Site:	Date 14 State Com	**North Reference:**	Grid
Well:	#603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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)
13,500.0	90.00	359.59	11,868.9	39.8	2,128.9	490.6	0.00	0.00	0.00
13,600.0	90.00	359.59	11,868.9	139.8	2,128.2	588.2	0.00	0.00	0.00
13,700.0	90.00	359.59	11,868.9	239.8	2,127.5	685.7	0.00	0.00	0.00
13,800.0	90.00	359.59	11,868.9	339.8	2,126.8	783.3	0.00	0.00	0.00
13,900.0	90.00	359.59	11,868.9	439.8	2,126.1	880.9	0.00	0.00	0.00
14,000.0	90.00	359.59	11,868.9	539.8	2,125.4	978.4	0.00	0.00	0.00
14,100.0	90.00	359.59	11,868.9	639.8	2,124.7	1,076.0	0.00	0.00	0.00
14,200.0	90.00	359.59	11,868.9	739.8	2,124.0	1,173.6	0.00	0.00	0.00
14,300.0	90.00	359.59	11,868.9	839.8	2,123.3	1,271.2	0.00	0.00	0.00
14,400.0	90.00	359.59	11,868.9	939.8	2,122.5	1,368.7	0.00	0.00	0.00
14,500.0	90.00	359.59	11,868.9	1,039.8	2,121.8	1,466.3	0.00	0.00	0.00
14,600.0	90.00	359.59	11,868.9	1,139.8	2,121.1	1,563.9	0.00	0.00	0.00
14,700.0	90.00	359.59	11,868.9	1,239.8	2,120.4	1,661.4	0.00	0.00	0.00
14,800.0	90.00	359.59	11,868.9	1,339.8	2,119.7	1,759.0	0.00	0.00	0.00
14,900.0	90.00	359.59	11,868.9	1,439.8	2,119.0	1,856.6	0.00	0.00	0.00
15,000.0	90.00	359.59	11,868.9	1,539.8	2,118.3	1,954.1	0.00	0.00	0.00
15,100.0	90.00	359.59	11,868.9	1,639.8	2,117.6	2,051.7	0.00	0.00	0.00
15,200.0	90.00	359.59	11,868.9	1,739.8	2,116.9	2,149.3	0.00	0.00	0.00
15,300.0	90.00	359.59	11,868.9	1,839.8	2,116.2	2,246.9	0.00	0.00	0.00
15,400.0	90.00	359.59	11,868.9	1,939.8	2,115.5	2,344.4	0.00	0.00	0.00
15,500.0	90.00	359.59	11,868.9	2,039.8	2,114.8	2,442.0	0.00	0.00	0.00
15,600.0	90.00	359.59	11,868.9	2,139.8	2,114.1	2,539.6	0.00	0.00	0.00
15,700.0	90.00	359.59	11,868.9	2,239.8	2,113.4	2,637.1	0.00	0.00	0.00
15,800.0	90.00	359.59	11,868.9	2,339.8	2,112.6	2,734.7	0.00	0.00	0.00
15,900.0	90.00	359.59	11,868.9	2,439.8	2,111.9	2,832.3	0.00	0.00	0.00
16,000.0	90.00	359.59	11,868.9	2,539.8	2,111.2	2,929.9	0.00	0.00	0.00
16,100.0	90.00	359.59	11,868.9	2,639.8	2,110.5	3,027.4	0.00	0.00	0.00
16,200.0	90.00	359.59	11,868.9	2,739.8	2,109.8	3,125.0	0.00	0.00	0.00
16,300.0	90.00	359.59	11,868.9	2,839.8	2,109.1	3,222.6	0.00	0.00	0.00
16,400.0	90.00	359.59	11,868.9	2,939.8	2,108.4	3,320.1	0.00	0.00	0.00
16,500.0	90.00	359.59	11,868.9	3,039.8	2,107.7	3,417.7	0.00	0.00	0.00
16,600.0	90.00	359.59	11,868.9	3,139.7	2,107.0	3,515.3	0.00	0.00	0.00
16,700.0	90.00	359.59	11,868.9	3,239.7	2,106.3	3,612.9	0.00	0.00	0.00
16,800.0	90.00	359.59	11,868.9	3,339.7	2,105.6	3,710.4	0.00	0.00	0.00
16,900.0	90.00	359.59	11,868.9	3,439.7	2,104.9	3,808.0	0.00	0.00	0.00
17,000.0	90.00	359.59	11,868.9	3,539.7	2,104.2	3,905.6	0.00	0.00	0.00
17,100.0	90.00	359.59	11,869.0	3,639.7	2,103.4	4,003.1	0.00	0.00	0.00
17,200.0	90.00	359.59	11,869.0	3,739.7	2,102.7	4,100.7	0.00	0.00	0.00
17,300.0	90.00	359.59	11,869.0	3,839.7	2,102.0	4,198.3	0.00	0.00	0.00
17,400.0	90.00	359.59	11,869.0	3,939.7	2,101.3	4,295.9	0.00	0.00	0.00
17,500.0	90.00	359.59	11,869.0	4,039.7	2,100.6	4,393.4	0.00	0.00	0.00
17,600.0	90.00	359.59	11,869.0	4,139.7	2,099.9	4,491.0	0.00	0.00	0.00
17,700.0	90.00	359.59	11,869.0	4,239.7	2,099.2	4,588.6	0.00	0.00	0.00
17,800.0	90.00	359.59	11,869.0	4,339.7	2,098.5	4,686.1	0.00	0.00	0.00
17,900.0	90.00	359.59	11,869.0	4,439.7	2,097.8	4,783.7	0.00	0.00	0.00
18,000.0	90.00	359.59	11,869.0	4,539.7	2,097.1	4,881.3	0.00	0.00	0.00
18,100.0	90.00	359.59	11,869.0	4,639.7	2,096.4	4,978.9	0.00	0.00	0.00
18,200.0	90.00	359.59	11,869.0	4,739.7	2,095.7	5,076.4	0.00	0.00	0.00
18,300.0	90.00	359.59	11,869.0	4,839.7	2,095.0	5,174.0	0.00	0.00	0.00
18,400.0	90.00	359.59	11,869.0	4,939.7	2,094.3	5,271.6	0.00	0.00	0.00
18,500.0	90.00	359.59	11,869.0	5,039.7	2,093.5	5,369.1	0.00	0.00	0.00
18,600.0	90.00	359.59	11,869.0	5,139.7	2,092.8	5,466.7	0.00	0.00	0.00
18,700.0	90.00	359.59	11,869.0	5,239.7	2,092.1	5,564.3	0.00	0.00	0.00
18,800.0	90.00	359.59	11,869.0	5,339.7	2,091.4	5,661.8	0.00	0.00	0.00

eog resources

Planning Report

Database:	EDT_18	**Local Co-ordinate Reference:**	Well #603H
Company:	Midland	**TVD Reference:**	KB = 26' @ 3840.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26' @ 3840.0usft
Site:	Date 14 State Com	**North Reference:**	Grid
Well:	#603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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)
18,900.0	90.00	359.59	11,869.0	5,439.7	2,090.7	5,759.4	0.00	0.00	0.00
19,000.0	90.00	359.59	11,869.0	5,539.7	2,090.0	5,857.0	0.00	0.00	0.00
19,100.0	90.00	359.59	11,869.0	5,639.7	2,089.3	5,954.6	0.00	0.00	0.00
19,200.0	90.00	359.59	11,869.0	5,739.7	2,088.6	6,052.1	0.00	0.00	0.00
19,300.0	90.00	359.59	11,869.0	5,839.7	2,087.9	6,149.7	0.00	0.00	0.00
19,400.0	90.00	359.59	11,869.0	5,939.7	2,087.2	6,247.3	0.00	0.00	0.00
19,500.0	90.00	359.59	11,869.0	6,039.7	2,086.5	6,344.8	0.00	0.00	0.00
19,600.0	90.00	359.59	11,869.0	6,139.7	2,085.8	6,442.4	0.00	0.00	0.00
19,700.0	90.00	359.59	11,869.0	6,239.7	2,085.1	6,540.0	0.00	0.00	0.00
19,800.0	90.00	359.59	11,869.0	6,339.7	2,084.3	6,637.6	0.00	0.00	0.00
19,900.0	90.00	359.59	11,869.0	6,439.7	2,083.6	6,735.1	0.00	0.00	0.00
20,000.0	90.00	359.59	11,869.0	6,539.7	2,082.9	6,832.7	0.00	0.00	0.00
20,100.0	90.00	359.59	11,869.0	6,639.7	2,082.2	6,930.3	0.00	0.00	0.00
20,200.0	90.00	359.59	11,869.0	6,739.7	2,081.5	7,027.8	0.00	0.00	0.00
20,300.0	90.00	359.59	11,869.0	6,839.7	2,080.8	7,125.4	0.00	0.00	0.00
20,400.0	90.00	359.59	11,869.0	6,939.7	2,080.1	7,223.0	0.00	0.00	0.00
20,500.0	90.00	359.59	11,869.0	7,039.7	2,079.4	7,320.6	0.00	0.00	0.00
20,600.0	90.00	359.59	11,869.0	7,139.6	2,078.7	7,418.1	0.00	0.00	0.00
20,700.0	90.00	359.59	11,869.0	7,239.6	2,078.0	7,515.7	0.00	0.00	0.00
20,800.0	90.00	359.59	11,869.0	7,339.6	2,077.3	7,613.3	0.00	0.00	0.00
20,900.0	90.00	359.59	11,869.0	7,439.6	2,076.6	7,710.8	0.00	0.00	0.00
21,000.0	90.00	359.59	11,869.0	7,539.6	2,075.9	7,808.4	0.00	0.00	0.00
21,100.0	90.00	359.59	11,869.0	7,639.6	2,075.1	7,906.0	0.00	0.00	0.00
21,200.0	90.00	359.59	11,869.0	7,739.6	2,074.4	8,003.6	0.00	0.00	0.00
21,300.0	90.00	359.59	11,869.0	7,839.6	2,073.7	8,101.1	0.00	0.00	0.00
21,400.0	90.00	359.59	11,869.0	7,939.6	2,073.0	8,198.7	0.00	0.00	0.00
21,500.0	90.00	359.59	11,869.0	8,039.6	2,072.3	8,296.3	0.00	0.00	0.00
21,600.0	90.00	359.59	11,869.0	8,139.6	2,071.6	8,393.8	0.00	0.00	0.00
21,700.0	90.00	359.59	11,869.0	8,239.6	2,070.9	8,491.4	0.00	0.00	0.00
21,800.0	90.00	359.59	11,869.0	8,339.6	2,070.2	8,589.0	0.00	0.00	0.00
21,900.0	90.00	359.59	11,869.0	8,439.6	2,069.5	8,686.6	0.00	0.00	0.00
22,000.0	90.00	359.59	11,869.0	8,539.6	2,068.8	8,784.1	0.00	0.00	0.00
22,100.0	90.00	359.59	11,869.0	8,639.6	2,068.1	8,881.7	0.00	0.00	0.00
22,200.0	90.00	359.59	11,869.0	8,739.6	2,067.4	8,979.3	0.00	0.00	0.00
22,300.0	90.00	359.59	11,869.0	8,839.6	2,066.7	9,076.8	0.00	0.00	0.00
22,400.0	90.00	359.59	11,869.0	8,939.6	2,066.0	9,174.4	0.00	0.00	0.00
22,500.0	90.00	359.59	11,869.0	9,039.6	2,065.2	9,272.0	0.00	0.00	0.00
22,600.0	90.00	359.59	11,869.0	9,139.6	2,064.5	9,369.5	0.00	0.00	0.00
22,700.0	90.00	359.59	11,869.0	9,239.6	2,063.8	9,467.1	0.00	0.00	0.00
22,800.0	90.00	359.59	11,869.0	9,339.6	2,063.1	9,564.7	0.00	0.00	0.00
22,900.0	90.00	359.59	11,869.0	9,439.6	2,062.4	9,662.3	0.00	0.00	0.00
22,958.4	90.00	359.59	11,869.0	9,498.0	2,062.0	9,719.3	0.00	0.00	0.00

eog resources

Planning Report

Database:	EDT_18	**Local Co-ordinate Reference:**	Well #603H
Company:	Midland	**TVD Reference:**	KB = 26' @ 3840.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 26' @ 3840.0usft
Site:	Date 14 State Com	**North Reference:**	Grid
Well:	#603H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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
KOP(Date 14 State #603 - plan hits target center - Point	0.00	0.00	11,391.5	-912.0	2,138.0	536,230.00	785,359.00	32° 28' 18.021 N	103° 32' 31.452 W
FTP(Date 14 State #603 - plan hits target center - Point	0.00	0.00	11,604.2	-862.0	2,137.0	536,280.00	785,358.00	32° 28' 18.516 N	103° 32' 31.460 W
PBHL(Date 14 State #60 - plan hits target center - Point	0.00	0.00	11,869.0	9,498.0	2,062.0	546,640.00	785,283.00	32° 30' 1.030 N	103° 32' 31.438 W

Lea County, NM (NAD 83 NME)

Date 14 State Com #603H

Plan #0.2

Azimuths to Grid North
True North: -0.42°
Magnetic North: 5.74°

Magnetic Field
Strength: 47290.9nT
Dip Angle: 60.02°
Date: 10/23/2024
Model: IGRF2020

To convert a Magnetic Direction to a Grid Direction, Add 5.74°
To convert a Magnetic Direction to a True Direction, Add 6.16° 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: #603H

3814.0
KB = 26' @ 3840.0usft

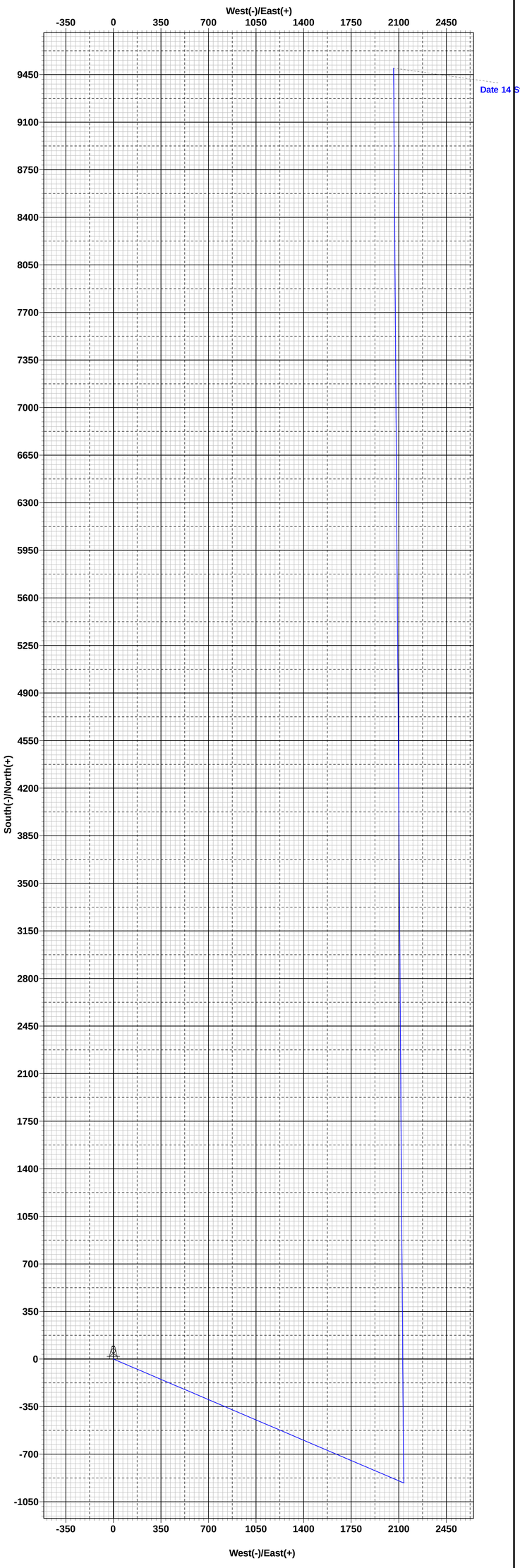
Northing	Easting	Latittude	Longitude
537142.00	783221.00	32° 28' 27.201 N	103° 32' 56.330 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DIeg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3123.0	0.00	0.00	3123.0	0.0	0.0	0.00	0.00	0.0	
3	5335.5	59.64	113.10	4957.0	-412.5	967.0	2.70	113.10	-197.9	
4	5592.6	59.64	113.10	5087.0	-499.5	1171.0	0.00	0.00	-239.7	
5	7805.1	0.00	0.00	6921.0	-912.0	2138.0	2.70	180.00	-437.6	
6	12275.6	0.00	0.00	11391.5	-912.0	2138.0	0.00	0.00	-437.6	KOP(Date 14 State #603H)
7	12496.1	26.46	358.85	11604.2	-862.0	2137.0	12.00	358.85	-389.0	FTP(Date 14 State #603H)
8	13025.6	90.00	359.59	11868.9	-434.6	2132.3	12.00	0.83	27.7	
9	22958.4	90.00	359.59	11869.0	9498.0	2062.0	0.00	0.00	9719.3	PBHL(Date 14 State #603H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP(Date 14 State #603H)	11391.5	-912.0	2138.0	536230.00	785359.00
FTP(Date 14 State #603H)	11604.2	-862.0	2137.0	536280.00	785358.00
PBHL(Date 14 State #603H)	11869.0	9498.0	2062.0	546640.00	785283.00



Lea County, NM (NAD 83 NME)
Date 14 State Com
#603H
OH
Plan #0.2
15:37, November 25 2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 530344

COMMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 530344
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
matthew.gomez	NSP no longer required due to defining well proxying in adjacent acreage into a standard spacing unit.	12/23/2025

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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	7377
	Action Number: 530344
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	All previous COA's still apply.	12/23/2025
matthew.gomez	Should the producing interval penetrate the Wolfcamp formation, a second pool must be added via a [C-103] NOI Change of Plans (C-103A) and a DHC must be approved prior to producing the well.	12/23/2025