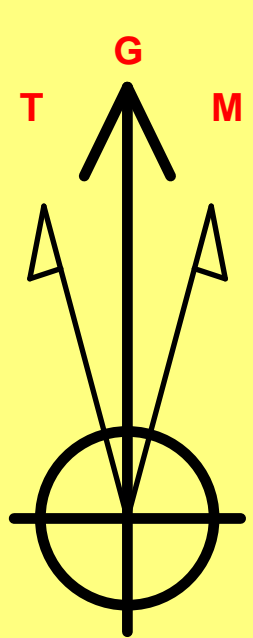


Lea County, NM (NAD 83 NME)

Date 14 State Com #901H

Plan #0.2



Azimuths to Grid North  
True North: -0.43°  
Magnetic North: 5.73°

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 5.73°  
To convert a Magnetic Direction to a True Direction, Add 6.16° East  
To convert a True Direction to a Grid Direction, Subtract 0.43°

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: #901H

KB = 26' @ 3816.0usft 3790.0  
Northing 536579.00 Easting 785604.00 Latitude 32° 28' 21.456 N Longitude 103° 32' 28.562 W

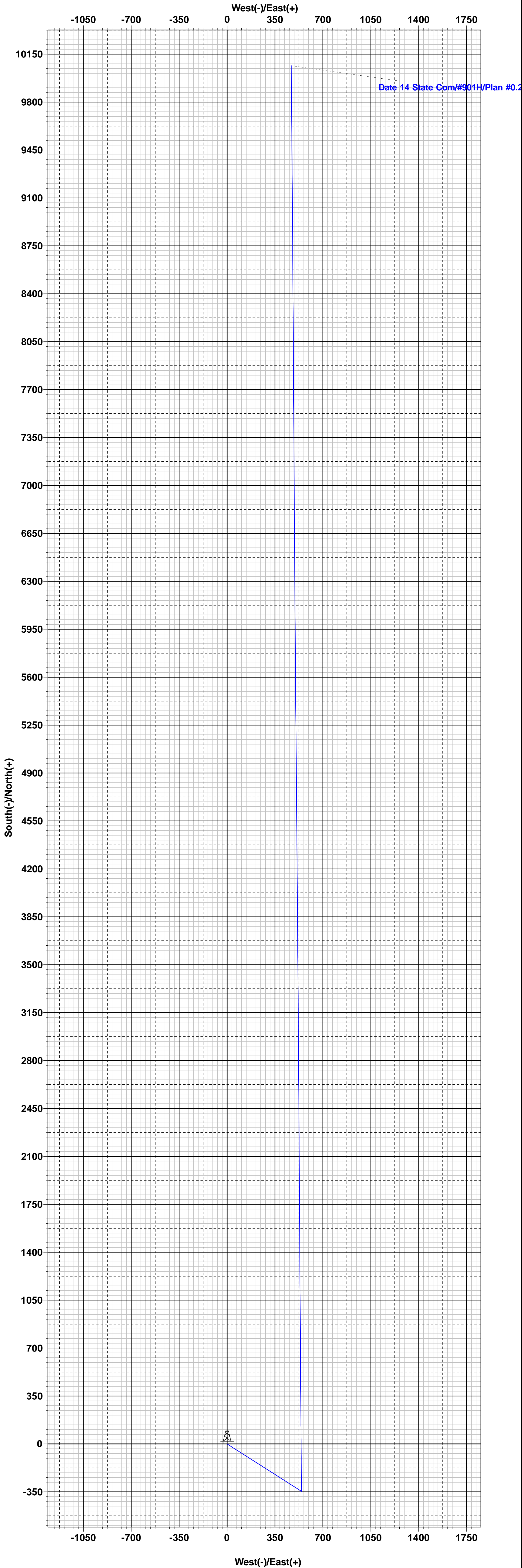
SECTION DETAILS

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	3123.0	0.00	0.00	3123.0	0.0	0.0	0.00	0.00	0.0	
3	3690.3	11.35	122.48	3686.6	-30.1	47.2	2.00	122.48	-27.8	
4	6405.1	11.35	122.48	6348.4	-316.9	497.8	0.00	0.00	-293.4	
5	6972.5	0.00	0.00	6912.0	-347.0	545.0	2.00	180.00	-321.3	
6	12208.0	0.00	0.00	12147.5	-347.0	545.0	0.00	0.00	-321.3	KOP(Date 14 State #901H)
7	12428.4	26.46	358.85	12360.2	-297.0	544.0	12.00	358.85	-271.4	FTP(Date 14 State #901H)
8	12957.9	90.00	359.63	12624.9	130.4	539.5	12.00	0.87	155.4	
9	15072.5	90.00	359.63	12625.0	2245.0	526.0	0.00	0.00	2267.0	PP1(Date 14 State Com #901H)
10	17716.6	90.00	359.50	12625.0	4889.0	506.0	0.01	-88.12	4907.3	PP2(Date 14 State Com #901H)
11	20354.7	90.00	359.68	12625.0	7527.0	487.0	0.01	91.44	7541.5	PP3(Date 14 State Com #901H)
12	22893.7	90.00	359.51	12625.0	10066.0	469.0	0.01	-88.44	10076.9	PBHL(Date 14 State #901H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP(Date 14 State #901H)	12147.5	-347.0	545.0	536232.00	786149.00
FTP(Date 14 State #901H)	12360.2	-297.0	544.0	536282.00	786148.00
PP1(Date 14 State Com #901H)	12625.0	2245.0	526.0	538824.00	786130.00
PP2(Date 14 State Com #901H)	12625.0	4889.0	506.0	541468.00	786110.00
PP3(Date 14 State Com #901H)	12625.0	7527.0	487.0	544106.00	786091.00
PBHL(Date 14 State #901H)	12625.0	10066.0	469.0	546645.00	786073.00

Vertical Section at 2.67°





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

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

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

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

WELL API NO. 30-025-54553
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name DATE 14 STATE COM
8. Well Number 901H
9. OGRID Number 7377
10. Pool name or Wildcat 98033 WC-025 G-10 S2133280; WOLFCAMP

<p>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.)</p>	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator EOG RESOURCES, INC	
3. Address of Operator P.O. BOX 2267, MIDLAND, TEXAS, 79702	
4. Well Location Unit Letter _____ M _____: _____ 399 _____ feet from the _____ SOUTH _____ line and _____ 2023 _____ feet from the _____ EAST _____ line Section 14 Township 21S Range 33E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3790' GR	

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

<p><b>NOTICE OF INTENTION TO:</b></p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>          TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input checked="" type="checkbox"/>          PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>          DOWNHOLE COMMINGLE <input type="checkbox"/>          CLOSED-LOOP SYSTEM <input type="checkbox"/>          OTHER: <input type="checkbox"/></p>		<p><b>SUBSEQUENT REPORT OF:</b></p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>          COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/>          CASING/CEMENT JOB <input type="checkbox"/>          OTHER: <input type="checkbox"/></p>	
--	--	--	--

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 901H API #: 30-025-54553

Change SHL from T-21-S, R-33-E, Sec 14, 399' FSL, 2122' FEL, LEA Co., NM, to T-21-S, R-33-E, Sec 14, 399' FSL, 2023' FEL, 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  Submit Electronically Via OCD Permitting	State of New Mexico  Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024	
		Submittal Type:	<input type="checkbox"/> Initial Submittal
			<input checked="" type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled	

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-54553</b>	Pool Code <b>: : 255</b>	Pool Name <b>Y ÔĖĖĖ ĖĖĖĖĖĖĖĖ ĖĖĖĖĖĖĖĖ</b>
Property Code <b>53; 7: 7</b>	Property Name <b>DATE 14 STATE COM</b>	Well Number <b>901H</b>
OGRID No. <b>7377</b>	Operator Name <b>EOG RESOURCES, INC.</b>	Ground Level Elevation <b>3790'</b>
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> 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
O	14	21-S	33-E	-	399' S	2023' E	N 32.4726267	W 103.5412689	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	1480' E	N 32.5002831	W 103.5395047	LEA

Dedicated Acres <b>640.00</b>	Infill or Defining Well <b>DEFINING</b>	Defining Well API	Overlapping Spacing Unit (Y/N) <b>N</b>	Consolidated Code <b>C</b>
Order Numbers <b>PENDING COMM AGREEMENT</b>			Well Setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> 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	1480' E	N 32.4716612	W 103.5395098	LEA


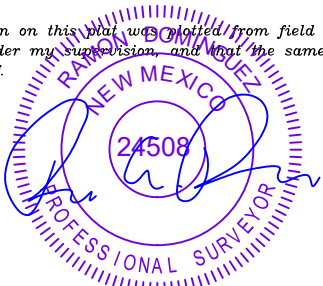
First Take Point (FTP)

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	1480' E	N 32.4717986	W 103.5395098	LEA

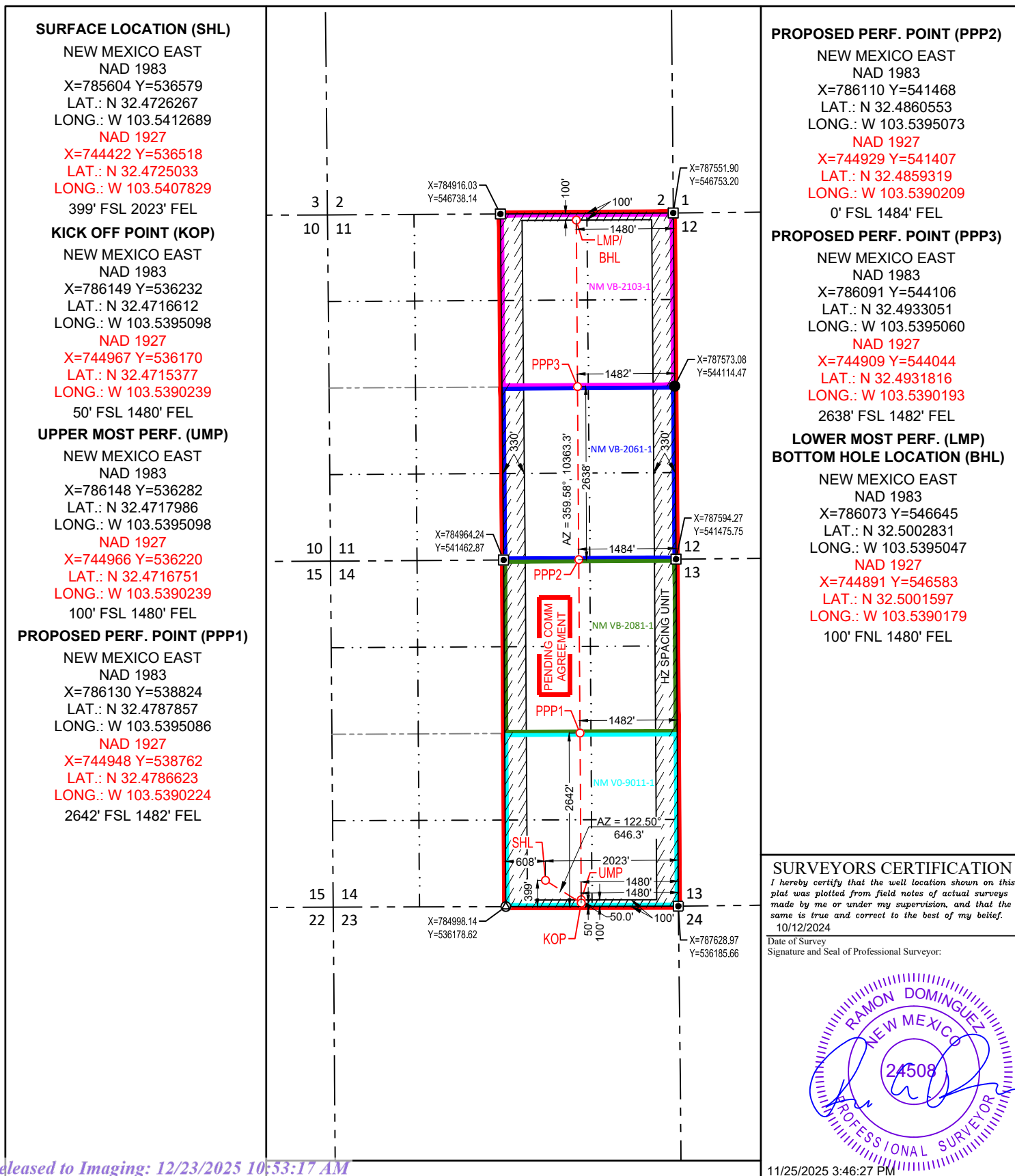
Last Take Point (LTP)

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	1480' E	N 32.5002831	W 103.5395047	LEA

Unitized Area or Area of Uniform Intrest <b>COMM AGREEMENT</b>	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation <b>3815'</b>
---	--	--

<b>OPERATOR CERTIFICATION</b>  <i>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.</i>  <i>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.</i>   <b>11/26/25</b>		<b>SURVEYORS CERTIFICATION</b>  <i>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.</i>   <b>11/25/2025 3:46:26 PM</b>	
Signature <b>KAYLA MCCONNELL</b>		Signature and Seal of Professional Surveyor	
Date		Date	
Print Name <b>KAYLA_MCCONNELL@EOGRESOURCES.COM</b>		Certificate Number	Date of Survey <b>10/12/2024</b>
E-mail Address			

<b>C-102</b> Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>		Revised July 9, 2024	
			Submittal Type: <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled	
	Property Name and Well Number <div style="text-align: center;">DATE 14 STATE COM 901H</div>			



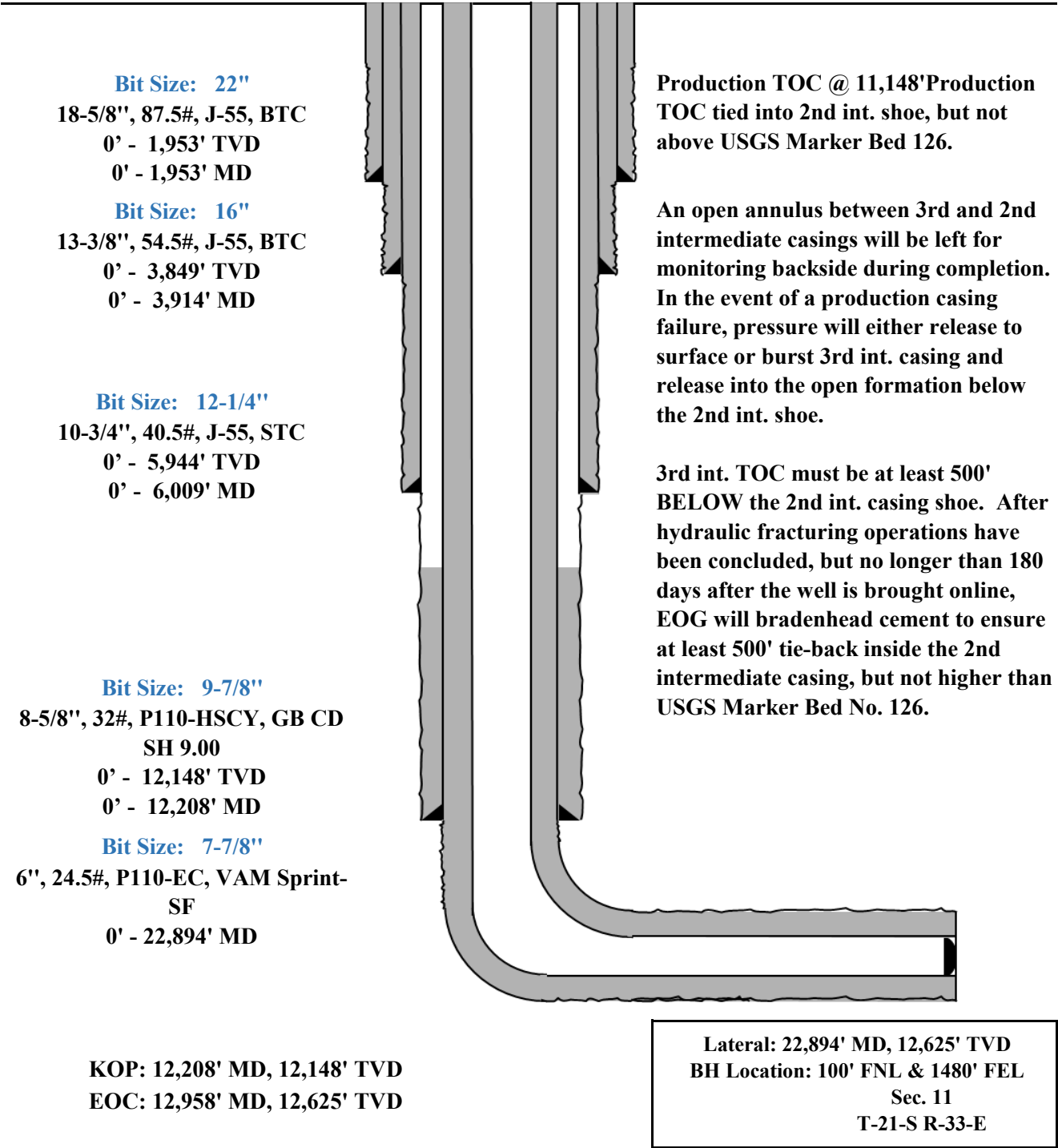


Date 14 State Com #901H  
LEA County, New Mexico  
Proposed Wellbore  
Design B

KB: 3815'  
GL: 3790'

399' FSL  
2023' FEL  
Section 14  
T-21-S, R-33-E

API: 30-025-54553





## Date 14 State Com #901H

## Permit Information:

Well Name: Date 14 State Com #901H

Location:

SHL: 399' FSL &amp; 2023' FEL, Section 14, T-21-S, R-33-E, LEA Co., N.M.

BHL: 100' FNL &amp; 1480' FEL, Section 11, T-21-S, R-33-E, LEA Co., N.M.

## Casing Program:

Hole Size	Interval MD From (ft) To (ft)		Interval TVD From (ft) To (ft)		Csg OD	Weight	Grade	Conn
22"	0	1,953	0	1,953	18-5/8"	87.5#	J-55	BTC
16"	0	3,914	0	3,849	13-3/8"	54.5#	J-55	BTC
12-1/4"	0	6,009	0	5,944	10-3/4"	40.5#	J-55	STC
9-7/8"	0	12,208	0	12,148	8-5/8"	32#	P110-HSCY	GB CD SH 9.00
7-7/8"	0	22,894	0	12,625	6"	24.5#	P110-EC	VAM Sprint-SF

## Cementing Program:

Depth	No. Sacks	Wt. ppg	Yld Ft3/sk	Slurry Description
1,953'	1130	13.5	1.73	Lead: Class C/H + additives (TOC @ Surface)
Surface: 18-5/8"	290	14.8	1.34	Tail: Class C/H + additives
1st Int.: 13-3/8"	1400	12.7	2.22	1st Stage Lead: Class C/H + additives
3,849'	980	14.8	1.33	1st Stage Tail: Class C/H + additives
2nd Int.: 10-3/4"	790	12.7	2.22	2nd Stage Lead: Class C/H + additives
5,944'	430	14.8	1.32	2nd Stage Tail: Class C/H + additives
3rd Int.: 8-5/8"	600	14.8	1.20	Class C/H + additives (TOC @ 8,323') 0% Excess to Brushy
12,148'	Post completions, a bradenhead squeeze will be performed to ensure at least 500' of tie-back inside the 2nd intermediate string, but no higher than USGS Marker Bed No. 126.			
22,894'	1410	13.2	1.71	Class C/H + additives (TOC @ 11,148') 0% Excess to Brushy

## Mud Program:

Depth (TVD)	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,953'	Fresh - Gel	8.6-8.8	28-34	N/c
1,953' – 3,849'	Brine	10.0-10.2	28-34	N/c
3,849' – 5,944'	Fresh - Gel	8.7-9.4	58-68	N/c - 6
5,944' – 12,148'	Cut Brine	8.7-9.4	58-68	N/c - 6
12,148' – 22,894' Lateral	Oil Base	10.0-14.0	58-68	4 - 6



**Date 14 State Com 901H**

**TUBING REQUIREMENTS**

EOG respectfully requests an exception to the following NMOCD rule:

- 19.15.16.10 Casing AND TUBING REQUIREMENTS:  
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.

**Date 14 State Com 901H****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 1st and 2nd intermediate casing strings un-cemented and monitored inside the 1st intermediate string.
- 1) The top of cement in the annulus between the 2nd and 3rd intermediate casing strings shall stand uncemented at least 500 feet below the 2nd intermediate casing shoe. Zero percent excess shall be pumped on the 3rd intermediate 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.





Date 14 State Com #901H

## Hydrogen Sulfide Plan Summary

A. All personnel shall receive proper H<sub>2</sub>S 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/Escapes 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

■ H<sub>2</sub>S 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.



**Date 14 State Com #901H**

■ **Mud program:**

The mud program has been designed to minimize the volume of H<sub>2</sub>S circulated to surface. The operator will have the necessary mud products to minimize hazards while drilling in H<sub>2</sub>S 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 H<sub>2</sub>S service.

■ **Communication:**

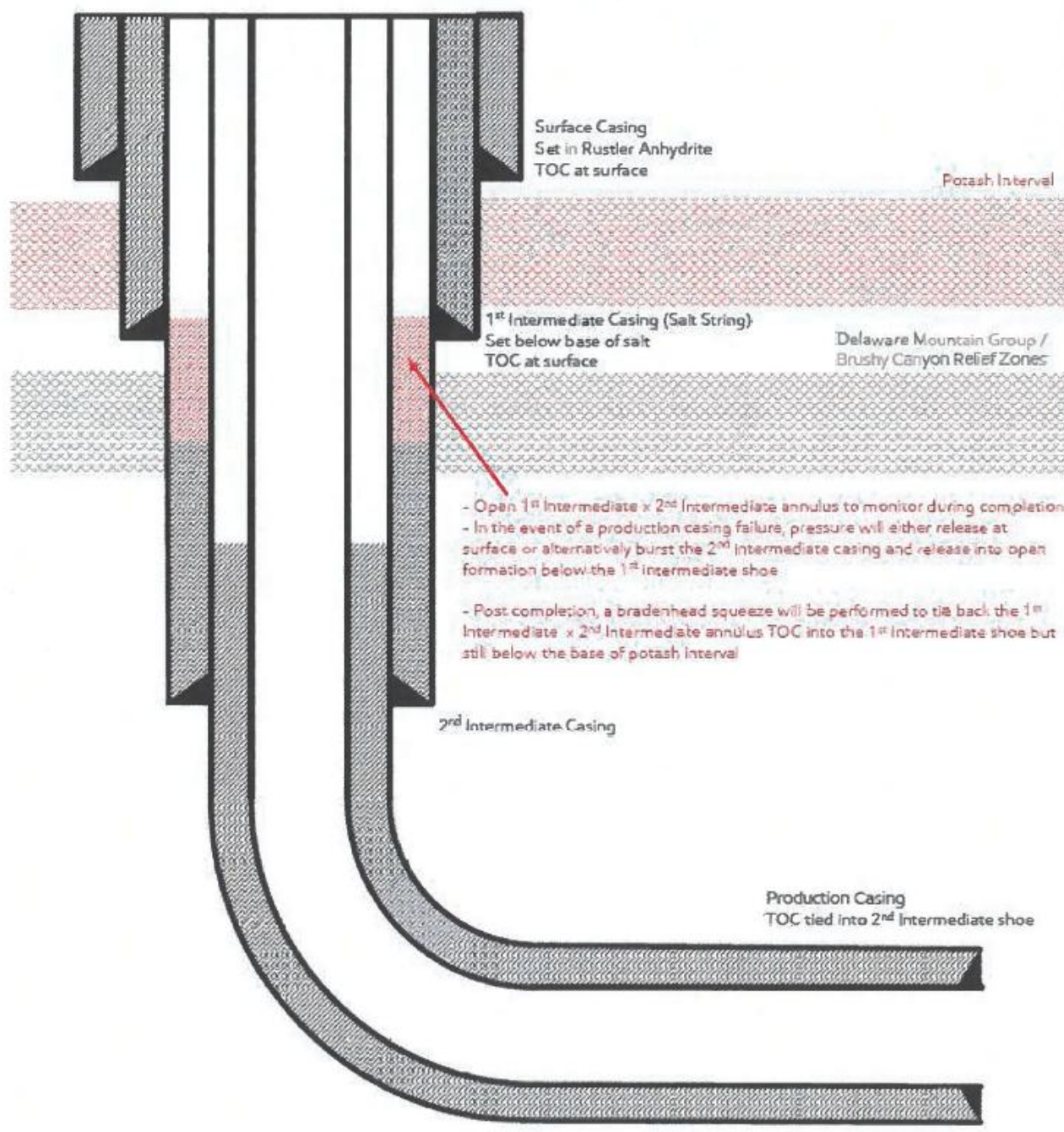
Communication will be via cell phones and land lines where available.



### Date 14 State Com #901H

The 4-string design below will be utilized, modified to a 5-string, and leaving the annulus between the 3rd and 2nd intermediate casings open.

## 4-String Design – Open 1<sup>st</sup> Int x 2<sup>nd</sup> Int Annulus (ICP 2 below relief zone)



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



**Date 14 State Com #901H**  
**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.**

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EOG / Midland Office (432) 686-3600

**Safety:**

---

Brian Chandler (HSE Manager) Office (432) 686-3695

Cell (817) 239-0251





Date 14 State Com #901H

**GEOLOGIC NAME OF SURFACE FORMATION:**

Permian

**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	12,625'

**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





### 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 901H**

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 occur 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 additional centralizers 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 incorporate 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.

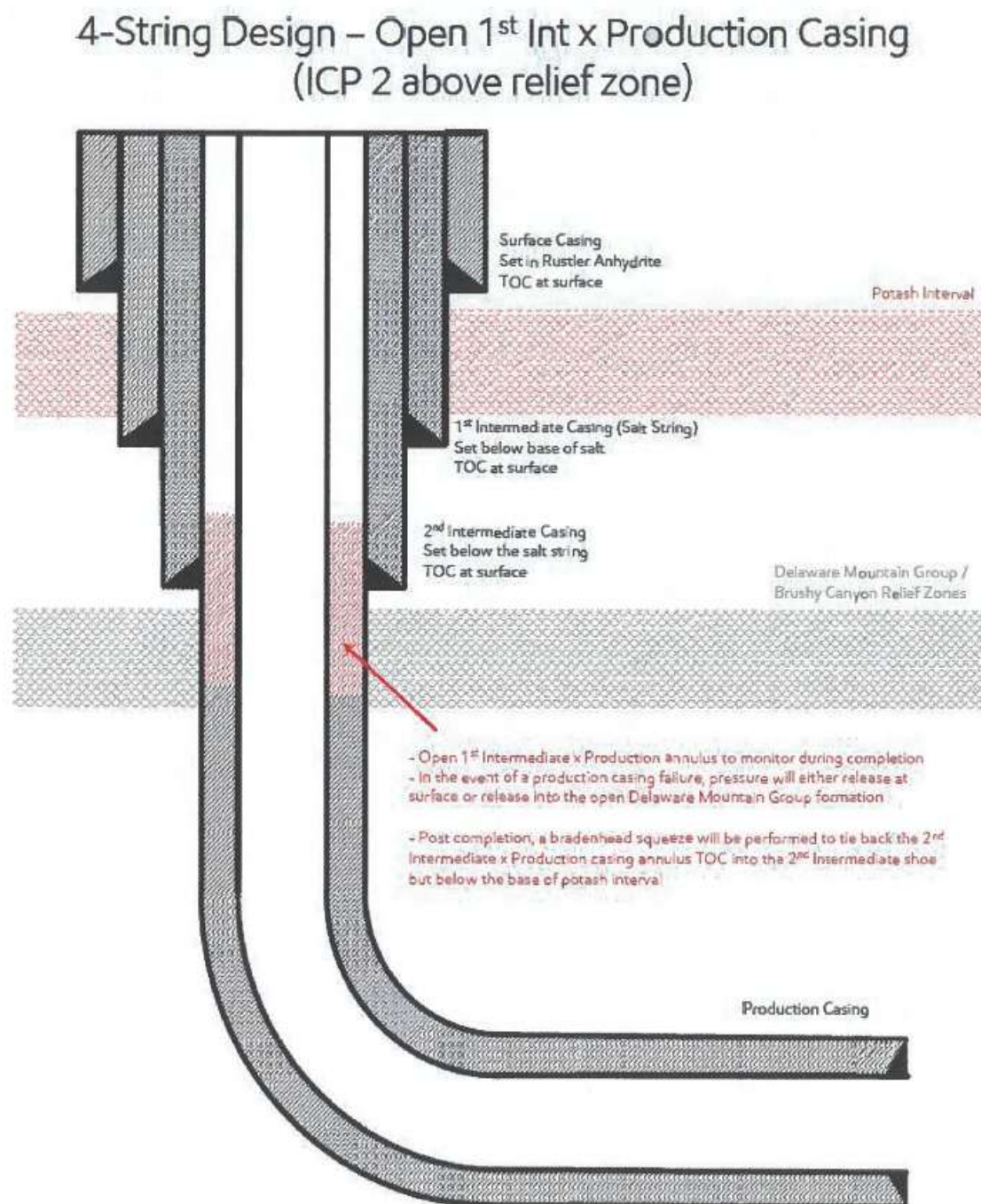
EOG will incorporate a modified method C(5)(c)(ii) for the 5 string designs, leaving the annulus between the 2nd and 3rd intermediates open and monitored. The top of the 3rd intermediate cement will be at least 500 ft below the 2nd intermediate casing point, and ZERO EXCESS will be pumped to ensure no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





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.

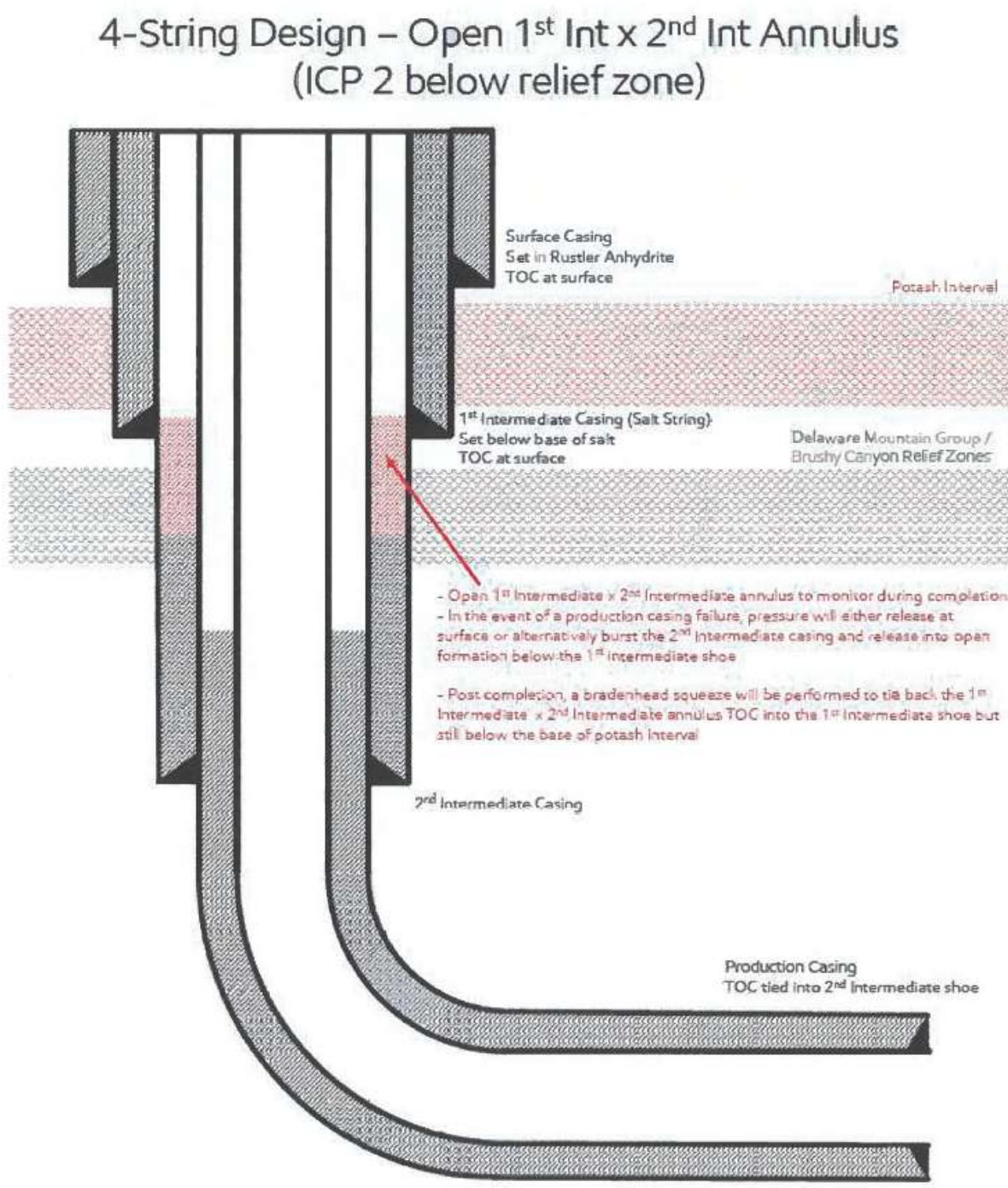


[Figure E] 4 String – Uncemented Annulus between 2<sup>nd</sup> Intermediate and Production Casing Strings



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 1<sup>st</sup> and 2<sup>nd</sup> Intermediate casing strings

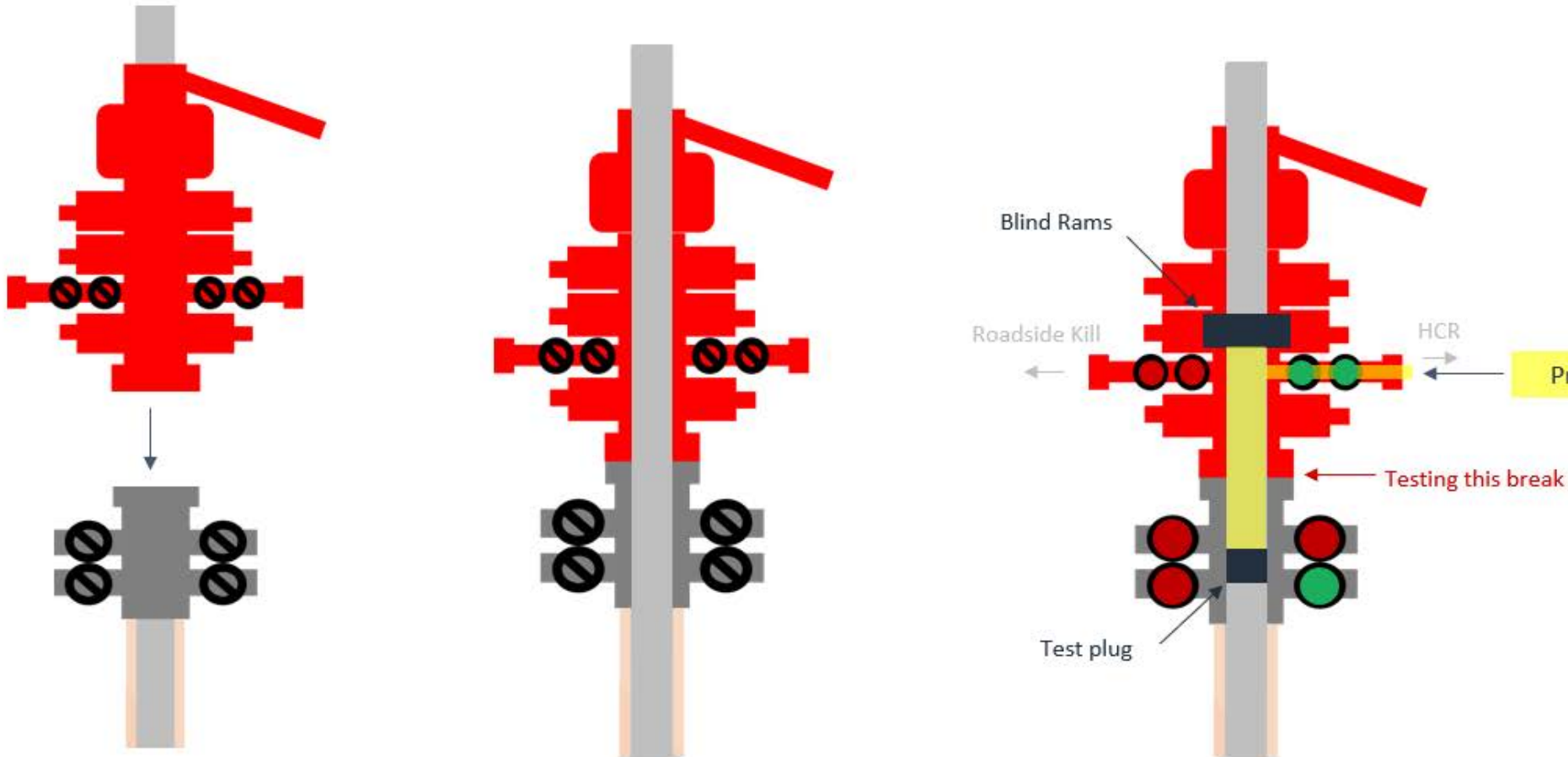
**Break-test BOP & Offline Cementing:**

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 ð during each full BOPE test
  - Upper Pipe Rams ð On trip ins where FIT required
  - Blind Rams ð Every trip
  - Lower Pipe Rams ð 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)

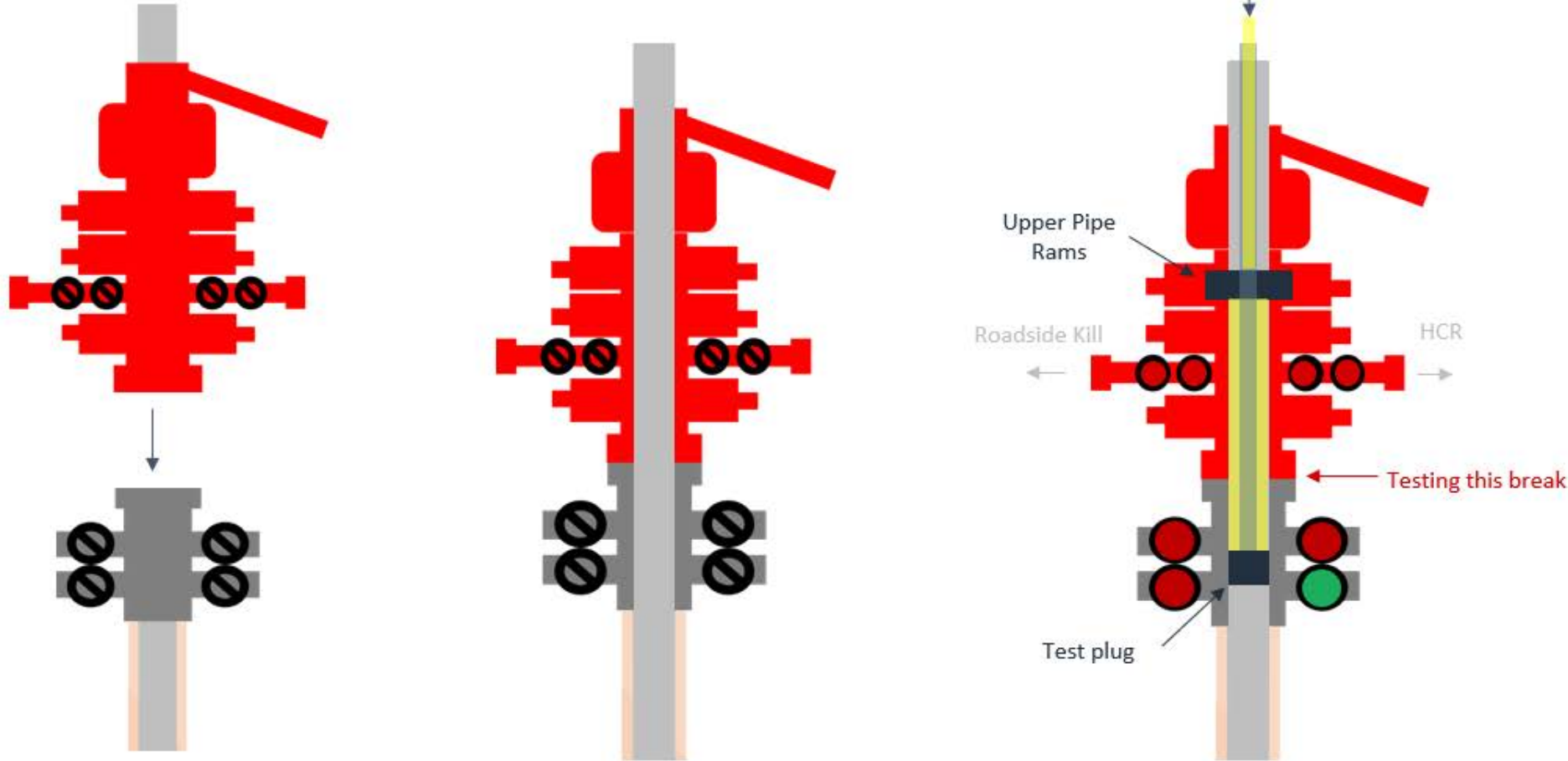


## Steps

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

#901H

OH

Plan: Plan #0.2

## Standard Planning Report

25 November, 2025



## Planning Report

<b>Database:</b>	EDT_18	<b>Local Co-ordinate Reference:</b>	Well #901H
<b>Company:</b>	Midland	<b>TVD Reference:</b>	KB = 26' @ 3816.0usft
<b>Project:</b>	Lea County, NM (NAD 83 NME)	<b>MD Reference:</b>	KB = 26' @ 3816.0usft
<b>Site:</b>	Date 14 State Com	<b>North Reference:</b>	Grid
<b>Well:</b>	#901H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #0.2		

<b>Project</b>	Lea County, NM (NAD 83 NME)		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	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	#901H					
Well Position	+N/-S	0.0 usft	Northing:	536,579.00 usft	Latitude:	32° 28' 21.456 N
	+E/-W	0.0 usft	Easting:	785,604.00 usft	Longitude:	103° 32' 28.562 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,790.0 usft
Grid Convergence:		0.43 °				

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2020	10/23/2024	6.16	60.02	47,290.94093511

<b>Design</b>	Plan #0.2				
<b>Audit Notes:</b>					
<b>Version:</b>		<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.0	0.0	0.0	2.67	

<b>Plan Survey Tool Program</b>	<b>Date</b>	11/25/2025			
<b>Depth From (usft)</b>	<b>Depth To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>	
1	0.0	22,880.1	Plan #0.2 (OH)	EOG MWD+IFR1	
				MWD + IFR1	



## Planning Report

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<b>Company:</b>	Midland	<b>TVD Reference:</b>	KB = 26' @ 3816.0usft
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<b>Site:</b>	Date 14 State Com	<b>North Reference:</b>	Grid
<b>Well:</b>	#901H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	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	
3,690.3	11.35	122.48	3,686.6	-30.1	47.2	2.00	2.00	0.00	122.48	
6,405.1	11.35	122.48	6,348.4	-316.9	497.8	0.00	0.00	0.00	0.00	
6,972.5	0.00	0.00	6,912.0	-347.0	545.0	2.00	-2.00	0.00	180.00	
12,208.0	0.00	0.00	12,147.5	-347.0	545.0	0.00	0.00	0.00	0.00	KOP(Date 14 State #1
12,428.4	26.46	358.85	12,360.2	-297.0	544.0	12.00	12.00	-0.52	358.85	FTP(Date 14 State #9
12,957.9	90.00	359.63	12,624.9	130.4	539.5	12.00	12.00	0.15	0.87	
15,072.5	90.00	359.63	12,625.0	2,245.0	526.0	0.00	0.00	0.00	0.00	PP1(Date 14 State Cc
17,716.6	90.00	359.50	12,625.0	4,889.0	506.0	0.01	0.00	-0.01	-88.12	PP2(Date 14 State Cc
20,354.7	90.00	359.68	12,625.0	7,527.0	487.0	0.01	0.00	0.01	91.44	PP3(Date 14 State Cc
22,893.7	90.00	359.51	12,625.0	10,066.0	469.0	0.01	0.00	-0.01	-88.44	PBHL(Date 14 State #





## Planning Report

<b>Database:</b>	EDT_18	<b>Local Co-ordinate Reference:</b>	Well #901H
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<b>Site:</b>	Date 14 State Com	<b>North Reference:</b>	Grid
<b>Well:</b>	#901H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	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	1.54	122.48	3,200.0	-0.6	0.9	-0.5	2.00	2.00	0.00
3,300.0	3.54	122.48	3,299.9	-2.9	4.6	-2.7	2.00	2.00	0.00
3,400.0	5.54	122.48	3,399.6	-7.2	11.3	-6.7	2.00	2.00	0.00
3,500.0	7.54	122.48	3,498.9	-13.3	20.9	-12.3	2.00	2.00	0.00
3,600.0	9.54	122.48	3,597.8	-21.3	33.4	-19.7	2.00	2.00	0.00
3,690.3	11.35	122.48	3,686.6	-30.1	47.2	-27.8	2.00	2.00	0.00
3,700.0	11.35	122.48	3,696.1	-31.1	48.8	-28.8	0.00	0.00	0.00
3,800.0	11.35	122.48	3,794.2	-41.7	65.4	-38.6	0.00	0.00	0.00
3,900.0	11.35	122.48	3,892.2	-52.2	82.0	-48.4	0.00	0.00	0.00
4,000.0	11.35	122.48	3,990.2	-62.8	98.6	-58.1	0.00	0.00	0.00
4,100.0	11.35	122.48	4,088.3	-73.4	115.2	-67.9	0.00	0.00	0.00
4,200.0	11.35	122.48	4,186.3	-83.9	131.8	-77.7	0.00	0.00	0.00
4,300.0	11.35	122.48	4,284.4	-94.5	148.4	-87.5	0.00	0.00	0.00
4,400.0	11.35	122.48	4,382.4	-105.1	165.0	-97.3	0.00	0.00	0.00
4,500.0	11.35	122.48	4,480.5	-115.6	181.6	-107.0	0.00	0.00	0.00
4,600.0	11.35	122.48	4,578.5	-126.2	198.2	-116.8	0.00	0.00	0.00
4,700.0	11.35	122.48	4,676.6	-136.8	214.8	-126.6	0.00	0.00	0.00
4,800.0	11.35	122.48	4,774.6	-147.3	231.4	-136.4	0.00	0.00	0.00
4,900.0	11.35	122.48	4,872.7	-157.9	248.0	-146.2	0.00	0.00	0.00
5,000.0	11.35	122.48	4,970.7	-168.5	264.6	-156.0	0.00	0.00	0.00
5,100.0	11.35	122.48	5,068.7	-179.0	281.2	-165.7	0.00	0.00	0.00



## Planning Report

<b>Database:</b>	EDT_18	<b>Local Co-ordinate Reference:</b>	Well #901H
<b>Company:</b>	Midland	<b>TVD Reference:</b>	KB = 26' @ 3816.0usft
<b>Project:</b>	Lea County, NM (NAD 83 NME)	<b>MD Reference:</b>	KB = 26' @ 3816.0usft
<b>Site:</b>	Date 14 State Com	<b>North Reference:</b>	Grid
<b>Well:</b>	#901H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	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)
5,200.0	11.35	122.48	5,166.8	-189.6	297.8	-175.5	0.00	0.00	0.00
5,300.0	11.35	122.48	5,264.8	-200.2	314.4	-185.3	0.00	0.00	0.00
5,400.0	11.35	122.48	5,362.9	-210.7	331.0	-195.1	0.00	0.00	0.00
5,500.0	11.35	122.48	5,460.9	-221.3	347.6	-204.9	0.00	0.00	0.00
5,600.0	11.35	122.48	5,559.0	-231.9	364.2	-214.7	0.00	0.00	0.00
5,700.0	11.35	122.48	5,657.0	-242.4	380.7	-224.4	0.00	0.00	0.00
5,800.0	11.35	122.48	5,755.1	-253.0	397.3	-234.2	0.00	0.00	0.00
5,900.0	11.35	122.48	5,853.1	-263.6	413.9	-244.0	0.00	0.00	0.00
6,000.0	11.35	122.48	5,951.2	-274.1	430.5	-253.8	0.00	0.00	0.00
6,100.0	11.35	122.48	6,049.2	-284.7	447.1	-263.6	0.00	0.00	0.00
6,200.0	11.35	122.48	6,147.2	-295.3	463.7	-273.4	0.00	0.00	0.00
6,300.0	11.35	122.48	6,245.3	-305.8	480.3	-283.1	0.00	0.00	0.00
6,405.1	11.35	122.48	6,348.4	-316.9	497.8	-293.4	0.00	0.00	0.00
6,500.0	9.45	122.48	6,441.7	-326.1	512.2	-301.9	2.00	-2.00	0.00
6,600.0	7.45	122.48	6,540.6	-334.0	524.6	-309.2	2.00	-2.00	0.00
6,700.0	5.45	122.48	6,640.0	-340.0	534.1	-314.8	2.00	-2.00	0.00
6,800.0	3.45	122.48	6,739.6	-344.2	540.6	-318.7	2.00	-2.00	0.00
6,900.0	1.45	122.48	6,839.5	-346.5	544.2	-320.8	2.00	-2.00	0.00
6,972.5	0.00	0.00	6,912.0	-347.0	545.0	-321.3	2.00	-2.00	0.00
7,000.0	0.00	0.00	6,939.5	-347.0	545.0	-321.3	0.00	0.00	0.00
7,100.0	0.00	0.00	7,039.5	-347.0	545.0	-321.3	0.00	0.00	0.00
7,200.0	0.00	0.00	7,139.5	-347.0	545.0	-321.3	0.00	0.00	0.00
7,300.0	0.00	0.00	7,239.5	-347.0	545.0	-321.3	0.00	0.00	0.00
7,400.0	0.00	0.00	7,339.5	-347.0	545.0	-321.3	0.00	0.00	0.00
7,500.0	0.00	0.00	7,439.5	-347.0	545.0	-321.3	0.00	0.00	0.00
7,600.0	0.00	0.00	7,539.5	-347.0	545.0	-321.3	0.00	0.00	0.00
7,700.0	0.00	0.00	7,639.5	-347.0	545.0	-321.3	0.00	0.00	0.00
7,800.0	0.00	0.00	7,739.5	-347.0	545.0	-321.3	0.00	0.00	0.00
7,900.0	0.00	0.00	7,839.5	-347.0	545.0	-321.3	0.00	0.00	0.00
8,000.0	0.00	0.00	7,939.5	-347.0	545.0	-321.3	0.00	0.00	0.00
8,100.0	0.00	0.00	8,039.5	-347.0	545.0	-321.3	0.00	0.00	0.00
8,200.0	0.00	0.00	8,139.5	-347.0	545.0	-321.3	0.00	0.00	0.00
8,300.0	0.00	0.00	8,239.5	-347.0	545.0	-321.3	0.00	0.00	0.00
8,400.0	0.00	0.00	8,339.5	-347.0	545.0	-321.3	0.00	0.00	0.00
8,500.0	0.00	0.00	8,439.5	-347.0	545.0	-321.3	0.00	0.00	0.00
8,600.0	0.00	0.00	8,539.5	-347.0	545.0	-321.3	0.00	0.00	0.00
8,700.0	0.00	0.00	8,639.5	-347.0	545.0	-321.3	0.00	0.00	0.00
8,800.0	0.00	0.00	8,739.5	-347.0	545.0	-321.3	0.00	0.00	0.00
8,900.0	0.00	0.00	8,839.5	-347.0	545.0	-321.3	0.00	0.00	0.00
9,000.0	0.00	0.00	8,939.5	-347.0	545.0	-321.3	0.00	0.00	0.00
9,100.0	0.00	0.00	9,039.5	-347.0	545.0	-321.3	0.00	0.00	0.00
9,200.0	0.00	0.00	9,139.5	-347.0	545.0	-321.3	0.00	0.00	0.00
9,300.0	0.00	0.00	9,239.5	-347.0	545.0	-321.3	0.00	0.00	0.00
9,400.0	0.00	0.00	9,339.5	-347.0	545.0	-321.3	0.00	0.00	0.00
9,500.0	0.00	0.00	9,439.5	-347.0	545.0	-321.3	0.00	0.00	0.00
9,600.0	0.00	0.00	9,539.5	-347.0	545.0	-321.3	0.00	0.00	0.00
9,700.0	0.00	0.00	9,639.5	-347.0	545.0	-321.3	0.00	0.00	0.00
9,800.0	0.00	0.00	9,739.5	-347.0	545.0	-321.3	0.00	0.00	0.00
9,900.0	0.00	0.00	9,839.5	-347.0	545.0	-321.3	0.00	0.00	0.00
10,000.0	0.00	0.00	9,939.5	-347.0	545.0	-321.3	0.00	0.00	0.00
10,100.0	0.00	0.00	10,039.5	-347.0	545.0	-321.3	0.00	0.00	0.00
10,200.0	0.00	0.00	10,139.5	-347.0	545.0	-321.3	0.00	0.00	0.00
10,300.0	0.00	0.00	10,239.5	-347.0	545.0	-321.3	0.00	0.00	0.00
10,400.0	0.00	0.00	10,339.5	-347.0	545.0	-321.3	0.00	0.00	0.00



## Planning Report

<b>Database:</b>	EDT_18	<b>Local Co-ordinate Reference:</b>	Well #901H
<b>Company:</b>	Midland	<b>TVD Reference:</b>	KB = 26' @ 3816.0usft
<b>Project:</b>	Lea County, NM (NAD 83 NME)	<b>MD Reference:</b>	KB = 26' @ 3816.0usft
<b>Site:</b>	Date 14 State Com	<b>North Reference:</b>	Grid
<b>Well:</b>	#901H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	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	10,439.5	-347.0	545.0	-321.3	0.00	0.00	0.00
10,600.0	0.00	0.00	10,539.5	-347.0	545.0	-321.3	0.00	0.00	0.00
10,700.0	0.00	0.00	10,639.5	-347.0	545.0	-321.3	0.00	0.00	0.00
10,800.0	0.00	0.00	10,739.5	-347.0	545.0	-321.3	0.00	0.00	0.00
10,900.0	0.00	0.00	10,839.5	-347.0	545.0	-321.3	0.00	0.00	0.00
11,000.0	0.00	0.00	10,939.5	-347.0	545.0	-321.3	0.00	0.00	0.00
11,100.0	0.00	0.00	11,039.5	-347.0	545.0	-321.3	0.00	0.00	0.00
11,200.0	0.00	0.00	11,139.5	-347.0	545.0	-321.3	0.00	0.00	0.00
11,300.0	0.00	0.00	11,239.5	-347.0	545.0	-321.3	0.00	0.00	0.00
11,400.0	0.00	0.00	11,339.5	-347.0	545.0	-321.3	0.00	0.00	0.00
11,500.0	0.00	0.00	11,439.5	-347.0	545.0	-321.3	0.00	0.00	0.00
11,600.0	0.00	0.00	11,539.5	-347.0	545.0	-321.3	0.00	0.00	0.00
11,700.0	0.00	0.00	11,639.5	-347.0	545.0	-321.3	0.00	0.00	0.00
11,800.0	0.00	0.00	11,739.5	-347.0	545.0	-321.3	0.00	0.00	0.00
11,900.0	0.00	0.00	11,839.5	-347.0	545.0	-321.3	0.00	0.00	0.00
12,000.0	0.00	0.00	11,939.5	-347.0	545.0	-321.3	0.00	0.00	0.00
12,100.0	0.00	0.00	12,039.5	-347.0	545.0	-321.3	0.00	0.00	0.00
12,208.0	0.00	0.00	12,147.5	-347.0	545.0	-321.3	0.00	0.00	0.00
12,225.0	2.05	358.85	12,164.5	-346.7	545.0	-321.0	12.00	12.00	0.00
12,250.0	5.05	358.85	12,189.5	-345.2	545.0	-319.4	12.00	12.00	0.00
12,275.0	8.05	358.85	12,214.3	-342.3	544.9	-316.6	12.00	12.00	0.00
12,300.0	11.05	358.85	12,239.0	-338.2	544.8	-312.4	12.00	12.00	0.00
12,325.0	14.05	358.85	12,263.4	-332.7	544.7	-307.0	12.00	12.00	0.00
12,350.0	17.05	358.85	12,287.5	-326.0	544.6	-300.3	12.00	12.00	0.00
12,375.0	20.05	358.85	12,311.2	-318.1	544.4	-292.4	12.00	12.00	0.00
12,400.0	23.05	358.85	12,334.4	-308.9	544.2	-283.2	12.00	12.00	0.00
12,425.0	26.05	358.85	12,357.1	-298.5	544.0	-272.9	12.00	12.00	0.00
12,428.4	26.46	358.85	12,360.2	-297.0	544.0	-271.4	12.00	12.00	0.00
12,450.0	29.05	358.94	12,379.3	-286.9	543.8	-261.3	12.00	12.00	0.38
12,475.0	32.05	359.01	12,400.8	-274.2	543.6	-248.6	12.00	12.00	0.32
12,500.0	35.05	359.08	12,421.7	-260.4	543.4	-234.9	12.00	12.00	0.27
12,525.0	38.05	359.14	12,441.7	-245.5	543.1	-220.0	12.00	12.00	0.23
12,550.0	41.05	359.19	12,461.0	-229.6	542.9	-204.1	12.00	12.00	0.20
12,575.0	44.05	359.23	12,479.4	-212.7	542.7	-187.2	12.00	12.00	0.18
12,600.0	47.05	359.27	12,496.9	-194.9	542.4	-169.4	12.00	12.00	0.16
12,625.0	50.05	359.31	12,513.5	-176.1	542.2	-150.7	12.00	12.00	0.14
12,650.0	53.05	359.34	12,529.0	-156.6	542.0	-131.2	12.00	12.00	0.13
12,675.0	56.05	359.37	12,543.5	-136.2	541.7	-110.9	12.00	12.00	0.12
12,700.0	59.05	359.40	12,556.9	-115.1	541.5	-89.8	12.00	12.00	0.11
12,725.0	62.05	359.43	12,569.2	-93.4	541.3	-68.1	12.00	12.00	0.11
12,750.0	65.05	359.45	12,580.4	-71.0	541.1	-45.7	12.00	12.00	0.10
12,775.0	68.05	359.48	12,590.3	-48.0	540.9	-22.8	12.00	12.00	0.10
12,800.0	71.05	359.50	12,599.0	-24.6	540.6	0.6	12.00	12.00	0.09
12,825.0	74.05	359.52	12,606.5	-0.8	540.4	24.4	12.00	12.00	0.09
12,850.0	77.05	359.55	12,612.8	23.4	540.2	48.5	12.00	12.00	0.09
12,875.0	80.05	359.57	12,617.7	47.9	540.1	73.0	12.00	12.00	0.08
12,900.0	83.05	359.59	12,621.4	72.7	539.9	97.7	12.00	12.00	0.08
12,925.0	86.05	359.61	12,623.8	97.5	539.7	122.6	12.00	12.00	0.08
12,950.0	89.05	359.63	12,624.9	122.5	539.5	147.5	12.00	12.00	0.08
12,957.9	90.00	359.63	12,624.9	130.4	539.5	155.4	12.00	12.00	0.08
13,000.0	90.00	359.63	12,624.9	172.5	539.2	197.4	0.00	0.00	0.00
13,100.0	90.00	359.63	12,624.9	272.5	538.6	297.3	0.00	0.00	0.00
13,200.0	90.00	359.63	12,624.9	372.5	537.9	397.1	0.00	0.00	0.00
13,300.0	90.00	359.63	12,624.9	472.5	537.3	497.0	0.00	0.00	0.00



## Planning Report

<b>Database:</b>	EDT_18	<b>Local Co-ordinate Reference:</b>	Well #901H
<b>Company:</b>	Midland	<b>TVD Reference:</b>	KB = 26' @ 3816.0usft
<b>Project:</b>	Lea County, NM (NAD 83 NME)	<b>MD Reference:</b>	KB = 26' @ 3816.0usft
<b>Site:</b>	Date 14 State Com	<b>North Reference:</b>	Grid
<b>Well:</b>	#901H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	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)
13,400.0	90.00	359.63	12,624.9	572.5	536.7	596.9	0.00	0.00	0.00
13,500.0	90.00	359.63	12,624.9	672.5	536.0	696.7	0.00	0.00	0.00
13,600.0	90.00	359.63	12,624.9	772.5	535.4	796.6	0.00	0.00	0.00
13,700.0	90.00	359.63	12,624.9	872.5	534.7	896.4	0.00	0.00	0.00
13,800.0	90.00	359.63	12,625.0	972.5	534.1	996.3	0.00	0.00	0.00
13,900.0	90.00	359.63	12,625.0	1,072.5	533.5	1,096.2	0.00	0.00	0.00
14,000.0	90.00	359.63	12,625.0	1,172.5	532.8	1,196.0	0.00	0.00	0.00
14,100.0	90.00	359.63	12,625.0	1,272.5	532.2	1,295.9	0.00	0.00	0.00
14,200.0	90.00	359.63	12,625.0	1,372.5	531.6	1,395.7	0.00	0.00	0.00
14,300.0	90.00	359.63	12,625.0	1,472.5	530.9	1,495.6	0.00	0.00	0.00
14,400.0	90.00	359.63	12,625.0	1,572.5	530.3	1,595.5	0.00	0.00	0.00
14,500.0	90.00	359.63	12,625.0	1,672.5	529.6	1,695.3	0.00	0.00	0.00
14,600.0	90.00	359.63	12,625.0	1,772.5	529.0	1,795.2	0.00	0.00	0.00
14,700.0	90.00	359.63	12,625.0	1,872.5	528.4	1,895.0	0.00	0.00	0.00
14,800.0	90.00	359.63	12,625.0	1,972.5	527.7	1,994.9	0.00	0.00	0.00
14,900.0	90.00	359.63	12,625.0	2,072.5	527.1	2,094.8	0.00	0.00	0.00
15,000.0	90.00	359.63	12,625.0	2,172.5	526.5	2,194.6	0.00	0.00	0.00
15,072.5	90.00	359.63	12,625.0	2,245.0	526.0	2,267.0	0.00	0.00	0.00
15,100.0	90.00	359.63	12,625.0	2,272.5	525.8	2,294.5	0.01	0.00	-0.01
15,200.0	90.00	359.63	12,625.0	2,372.5	525.2	2,394.3	0.01	0.00	-0.01
15,300.0	90.00	359.62	12,625.0	2,472.5	524.5	2,494.2	0.01	0.00	-0.01
15,400.0	90.00	359.62	12,625.0	2,572.5	523.9	2,594.1	0.01	0.00	-0.01
15,500.0	90.00	359.61	12,625.0	2,672.5	523.2	2,693.9	0.01	0.00	-0.01
15,600.0	90.00	359.61	12,625.0	2,772.5	522.5	2,793.8	0.01	0.00	-0.01
15,700.0	90.00	359.60	12,625.0	2,872.5	521.8	2,893.6	0.01	0.00	-0.01
15,800.0	90.00	359.60	12,625.0	2,972.5	521.1	2,993.5	0.01	0.00	-0.01
15,900.0	90.00	359.59	12,625.0	3,072.4	520.4	3,093.3	0.01	0.00	-0.01
16,000.0	90.00	359.59	12,625.0	3,172.4	519.7	3,193.2	0.01	0.00	-0.01
16,100.0	90.00	359.58	12,625.0	3,272.4	519.0	3,293.1	0.01	0.00	-0.01
16,200.0	90.00	359.58	12,625.0	3,372.4	518.2	3,392.9	0.01	0.00	-0.01
16,300.0	90.00	359.57	12,625.0	3,472.4	517.5	3,492.8	0.01	0.00	-0.01
16,400.0	90.00	359.57	12,625.0	3,572.4	516.7	3,592.6	0.01	0.00	-0.01
16,500.0	90.00	359.56	12,625.0	3,672.4	516.0	3,692.5	0.01	0.00	-0.01
16,600.0	90.00	359.56	12,625.0	3,772.4	515.2	3,792.3	0.01	0.00	-0.01
16,700.0	90.00	359.55	12,625.0	3,872.4	514.4	3,892.2	0.01	0.00	-0.01
16,800.0	90.00	359.55	12,625.0	3,972.4	513.6	3,992.0	0.01	0.00	-0.01
16,900.0	90.00	359.54	12,625.0	4,072.4	512.8	4,091.9	0.01	0.00	-0.01
17,000.0	90.00	359.54	12,625.0	4,172.4	512.0	4,191.7	0.01	0.00	-0.01
17,100.0	90.00	359.53	12,625.0	4,272.4	511.2	4,291.6	0.01	0.00	-0.01
17,200.0	90.00	359.53	12,625.0	4,372.4	510.4	4,391.4	0.01	0.00	-0.01
17,300.0	90.00	359.52	12,625.0	4,472.4	509.6	4,491.3	0.01	0.00	-0.01
17,400.0	90.00	359.51	12,625.0	4,572.4	508.7	4,591.1	0.01	0.00	-0.01
17,500.0	90.00	359.51	12,625.0	4,672.4	507.9	4,691.0	0.01	0.00	-0.01
17,600.0	90.00	359.50	12,625.0	4,772.4	507.0	4,790.8	0.01	0.00	-0.01
17,700.0	90.00	359.50	12,625.0	4,872.4	506.1	4,890.7	0.01	0.00	-0.01
17,716.6	90.00	359.50	12,625.0	4,889.0	506.0	4,907.3	0.01	0.00	-0.01
17,800.0	90.00	359.50	12,625.0	4,972.4	505.3	4,990.5	0.01	0.00	0.01
17,900.0	90.00	359.51	12,625.0	5,072.4	504.4	5,090.4	0.01	0.00	0.01
18,000.0	90.00	359.52	12,625.0	5,172.4	503.6	5,190.2	0.01	0.00	0.01
18,100.0	90.00	359.52	12,625.0	5,272.4	502.7	5,290.1	0.01	0.00	0.01
18,200.0	90.00	359.53	12,625.0	5,372.4	501.9	5,389.9	0.01	0.00	0.01
18,300.0	90.00	359.54	12,625.0	5,472.4	501.1	5,489.8	0.01	0.00	0.01
18,400.0	90.00	359.54	12,625.0	5,572.4	500.3	5,589.6	0.01	0.00	0.01
18,500.0	90.00	359.55	12,625.0	5,672.4	499.5	5,689.5	0.01	0.00	0.01



## Planning Report

<b>Database:</b>	EDT_18	<b>Local Co-ordinate Reference:</b>	Well #901H
<b>Company:</b>	Midland	<b>TVD Reference:</b>	KB = 26' @ 3816.0usft
<b>Project:</b>	Lea County, NM (NAD 83 NME)	<b>MD Reference:</b>	KB = 26' @ 3816.0usft
<b>Site:</b>	Date 14 State Com	<b>North Reference:</b>	Grid
<b>Well:</b>	#901H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	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)
18,600.0	90.00	359.56	12,625.0	5,772.4	498.7	5,789.3	0.01	0.00	0.01
18,700.0	90.00	359.56	12,625.0	5,872.4	498.0	5,889.2	0.01	0.00	0.01
18,800.0	90.00	359.57	12,625.0	5,972.4	497.2	5,989.0	0.01	0.00	0.01
18,900.0	90.00	359.58	12,625.0	6,072.4	496.5	6,088.9	0.01	0.00	0.01
19,000.0	90.00	359.58	12,625.0	6,172.4	495.7	6,188.7	0.01	0.00	0.01
19,100.0	90.00	359.59	12,625.0	6,272.3	495.0	6,288.6	0.01	0.00	0.01
19,200.0	90.00	359.60	12,625.0	6,372.3	494.3	6,388.4	0.01	0.00	0.01
19,300.0	90.00	359.61	12,625.0	6,472.3	493.6	6,488.3	0.01	0.00	0.01
19,400.0	90.00	359.61	12,625.0	6,572.3	492.9	6,588.2	0.01	0.00	0.01
19,500.0	90.00	359.62	12,625.0	6,672.3	492.3	6,688.0	0.01	0.00	0.01
19,600.0	90.00	359.63	12,625.0	6,772.3	491.6	6,787.9	0.01	0.00	0.01
19,700.0	90.00	359.63	12,625.0	6,872.3	491.0	6,887.7	0.01	0.00	0.01
19,800.0	90.00	359.64	12,625.0	6,972.3	490.3	6,987.6	0.01	0.00	0.01
19,900.0	90.00	359.65	12,625.0	7,072.3	489.7	7,087.5	0.01	0.00	0.01
20,000.0	90.00	359.65	12,625.0	7,172.3	489.1	7,187.3	0.01	0.00	0.01
20,100.0	90.00	359.66	12,625.0	7,272.3	488.5	7,287.2	0.01	0.00	0.01
20,200.0	90.00	359.67	12,625.0	7,372.3	487.9	7,387.0	0.01	0.00	0.01
20,300.0	90.00	359.67	12,625.0	7,472.3	487.3	7,486.9	0.01	0.00	0.01
20,354.7	90.00	359.68	12,625.0	7,527.0	487.0	7,541.5	0.01	0.00	0.01
20,400.0	90.00	359.67	12,625.0	7,572.3	486.7	7,586.8	0.01	0.00	-0.01
20,500.0	90.00	359.67	12,625.0	7,672.3	486.2	7,686.6	0.01	0.00	-0.01
20,600.0	90.00	359.66	12,625.0	7,772.3	485.6	7,786.5	0.01	0.00	-0.01
20,700.0	90.00	359.65	12,625.0	7,872.3	485.0	7,886.4	0.01	0.00	-0.01
20,800.0	90.00	359.65	12,625.0	7,972.3	484.4	7,986.2	0.01	0.00	-0.01
20,900.0	90.00	359.64	12,625.0	8,072.3	483.7	8,086.1	0.01	0.00	-0.01
21,000.0	90.00	359.63	12,625.0	8,172.3	483.1	8,185.9	0.01	0.00	-0.01
21,100.0	90.00	359.63	12,625.0	8,272.3	482.5	8,285.8	0.01	0.00	-0.01
21,200.0	90.00	359.62	12,625.0	8,372.3	481.8	8,385.7	0.01	0.00	-0.01
21,300.0	90.00	359.61	12,625.0	8,472.3	481.2	8,485.5	0.01	0.00	-0.01
21,400.0	90.00	359.61	12,625.0	8,572.3	480.5	8,585.4	0.01	0.00	-0.01
21,500.0	90.00	359.60	12,625.0	8,672.3	479.8	8,685.2	0.01	0.00	-0.01
21,600.0	90.00	359.60	12,625.0	8,772.3	479.1	8,785.1	0.01	0.00	-0.01
21,700.0	90.00	359.59	12,625.0	8,872.3	478.4	8,884.9	0.01	0.00	-0.01
21,800.0	90.00	359.58	12,625.0	8,972.3	477.6	8,984.8	0.01	0.00	-0.01
21,900.0	90.00	359.58	12,625.0	9,072.3	476.9	9,084.7	0.01	0.00	-0.01
22,000.0	90.00	359.57	12,625.0	9,172.3	476.2	9,184.5	0.01	0.00	-0.01
22,100.0	90.00	359.56	12,625.0	9,272.3	475.4	9,284.4	0.01	0.00	-0.01
22,200.0	90.00	359.56	12,625.0	9,372.3	474.6	9,384.2	0.01	0.00	-0.01
22,300.0	90.00	359.55	12,625.0	9,472.3	473.9	9,484.1	0.01	0.00	-0.01
22,400.0	90.00	359.54	12,625.0	9,572.3	473.1	9,583.9	0.01	0.00	-0.01
22,500.0	90.00	359.54	12,625.0	9,672.3	472.3	9,683.8	0.01	0.00	-0.01
22,600.0	90.00	359.53	12,625.0	9,772.3	471.5	9,783.6	0.01	0.00	-0.01
22,700.0	90.00	359.52	12,625.0	9,872.3	470.6	9,883.5	0.01	0.00	-0.01
22,800.0	90.00	359.52	12,625.0	9,972.3	469.8	9,983.3	0.01	0.00	-0.01
22,893.7	90.00	359.51	12,625.0	10,066.0	469.0	10,076.9	0.01	0.00	-0.01





## Planning Report

<b>Database:</b>	EDT_18	<b>Local Co-ordinate Reference:</b>	Well #901H
<b>Company:</b>	Midland	<b>TVD Reference:</b>	KB = 26' @ 3816.0usft
<b>Project:</b>	Lea County, NM (NAD 83 NME)	<b>MD Reference:</b>	KB = 26' @ 3816.0usft
<b>Site:</b>	Date 14 State Com	<b>North Reference:</b>	Grid
<b>Well:</b>	#901H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	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 #901 - plan hits target center - Point	0.00	0.00	12,147.5	-347.0	545.0	536,232.00	786,149.00	32° 28' 17.983 N	103° 32' 22.231 W
FTP(Date 14 State #901 - plan hits target center - Point	0.00	0.00	12,360.2	-297.0	544.0	536,282.00	786,148.00	32° 28' 18.478 N	103° 32' 22.238 W
PP2(Date 14 State Com - plan hits target center - Point	0.00	0.00	12,625.0	4,889.0	506.0	541,468.00	786,110.00	32° 29' 9.794 N	103° 32' 22.232 W
PP1(Date 14 State Com - plan hits target center - Point	0.00	0.00	12,625.0	2,245.0	526.0	538,824.00	786,130.00	32° 28' 43.631 N	103° 32' 22.228 W
PP3(Date 14 State Com - plan hits target center - Point	0.00	0.00	12,625.0	7,527.0	487.0	544,106.00	786,091.00	32° 29' 35.898 N	103° 32' 22.224 W
PBHL(Date 14 State #901 - plan hits target center - Point	0.00	0.00	12,625.0	10,066.0	469.0	546,645.00	786,073.00	32° 30' 1.022 N	103° 32' 22.214 W

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 530346

COMMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 530346
	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's ability to proxy in adjacent acreage.	12/16/2025

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Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 530346
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	All previous COA's still apply.	12/16/2025