

Well Name: BOUDIN 4 2 FED COM	Well Location: T25S / R26E / SEC 04 / SWNE / 32.1618641 / -104.2946418	County or Parish/State: EDDY / NM
Well Number: 702H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM15296	Unit or CA Name:	Unit or CA Number:
US Well Number:	Operator: 3R OPERATING LLC	

Notice of Intent

Sundry ID: 2893354

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 01/29/2026

Time Sundry Submitted: 10:08

Date proposed operation will begin: 01/29/2026

Procedure Description: This sundry notice revises the Surface Hole Location of the BOUDIN 4 2 FED COM 702H AAPD (10400102558) from • 1570' FNL & 1595' FEL (SW/4-NE/4), Section 4-25S-26E NMPM, Eddy County, NM (Fee Surface, 32.1621719, -104.2945423) to • 1645' FNL & 1615' FEL (SW/4-NE/4), Section 4-25S-26E NMPM, Eddy County, NM (Fee Surface, 32.1619657, -104.2946087). No additional surface disturbance is associated with this revision. The lateral wellbore and drilling operations for this well will remain the same as the original AAPD. Please see attachments for more detailed information.

NOI Attachments

Procedure Description

Boudin_4_2_Fed_Com_702H_APD_Rev01_RPT_20260129100137.pdf

Drilling_Plan_Boudin_702H_1_28_26_SHL_SUNDRY_20260129100131.pdf

BOUDIN_NORTH_WELLPAD_20260129100117.pdf

BOUDIN_4_2_FED_COM_702H_20260129100047.pdf

Boudin_4_2_FED_COM_702H__SHL_Sundry_1.29.26_20260129095748.pdf

Well Name: BOUDIN 4 2 FED COM

Well Location: T25S / R26E / SEC 04 / SWNE / 32.1618641 / -104.2946418

County or Parish/State: EDDY / NM

Well Number: 702H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM15296

Unit or CA Name:

Unit or CA Number:

US Well Number:

Operator: 3R OPERATING LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: JAKE ROGERS

Signed on: JAN 29, 2026 10:02 AM

Name: 3R OPERATING LLC

Title: PERMITTING SPECIALIST

Street Address: 3909 N CLASSEN BLVD

City: OKLAHOMA CITY State: OK

Phone: (405) 286-9326

Email address: JROGERS@REAGANSMITH.COM

Field

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: CWALLS@BLM.GOV

Disposition: Approved

Disposition Date: 02/13/2026

Signature: Chris Walls

Form 3160-5
(October 2024)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		
	Title	
Signature	Date	

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by		
	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

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

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

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

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

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SWNE / 1570 FNL / 1595 FEL / TWSP: 25S / RANGE: 26E / SECTION: 04 / LAT: 32.1618641 / LONG: -104.2946418 (TVD: 0 feet, MD: 0 feet)

PPP: SWNE / 1980 FNL / 2310 FEL / TWSP: 25S / RANGE: 26E / SECTION: 04 / LAT: 32.16105 / LONG: -104.2968618 (TVD: 8598 feet, MD: 9017 feet)

PPP: SENE / 1978 FNL / 1315 FEL / TWSP: 25S / RANGE: 26E / SECTION: 03 / LAT: 32.1610135 / LONG: -104.2766174 (TVD: 8598 feet, MD: 16298 feet)

PPP: SWNE / 1978 FNL / 2641 FWL / TWSP: 25S / RANGE: 26E / SECTION: 03 / LAT: 32.1610215 / LONG: -104.2808645 (TVD: 8598 feet, MD: 13668 feet)

BHL: SENE / 1980 FNL / 330 FEL / TWSP: 25S / RANGE: 26E / SECTION: 02 / LAT: 32.1609735 / LONG: -104.2562423 (TVD: 8598 feet, MD: 21287 feet)

CONFIDENTIAL



3R Operating, LLC

3R Operating LLC

Eddy County_NM (N83-NME)

Boudin 4 2

Boudin 4 2 Fed Com 702H - Slot Boudin 702H

702H

Plan: APD-Rev01

Standard Planning Report

10 December, 2024



Planning Report

Database:	TZ USA 17.2	Local Co-ordinate Reference:	Well Boudin 4 2 Fed Com 702H - Slot Boudin 702H
Company:	3R Operating LLC	TVD Reference:	3333+25 @ 3358.00usft
Project:	Eddy County_NM (N83-NME)	MD Reference:	3333+25 @ 3358.00usft
Site:	Boudin 4 2	North Reference:	Grid
Well:	Boudin 4 2 Fed Com 702H	Survey Calculation Method:	Minimum Curvature
Wellbore:	702H		
Design:	APD-Rev01		

Project	Eddy County_NM (N83-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	Boudin 4 2				
Site Position:		Northing:	422,653.48 usft	Latitude:	32.16194671
From:	Map	Easting:	553,310.50 usft	Longitude:	-104.29464111
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	Boudin 4 2 Fed Com 702H - Slot Boudin 702H					
Well Position	+N/-S	0.00 usft	Northing:	422,623.44 usft	Latitude:	32.16186413
	+E/-W	0.00 usft	Easting:	553,310.30 usft	Longitude:	-104.29464179
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft	Ground Level:	3,333.00 usft
Grid Convergence:	0.02 °					

Wellbore	702H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	12/9/2024	6.46	59.62	47,022.12927114

Design	APD-Rev01			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	90.10

Plan Survey Tool Program	Date	12/10/2024		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	21,287.10 APD-Rev01 (702H)	OWSG MWD Rev 5	
			OWSG MWD - Standard	



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Company:	3R Operating LLC	TVD Reference:	3333+25 @ 3358.00usft
Project:	Eddy County_NM (N83-NME)	MD Reference:	3333+25 @ 3358.00usft
Site:	Boudin 4 2	North Reference:	Grid
Well:	Boudin 4 2 Fed Com 702H	Survey Calculation Method:	Minimum Curvature
Wellbore:	702H		
Design:	APD-Rev01		

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,733.95	11.01	252.87	2,729.44	-20.70	-67.18	1.50	1.50	0.00	252.87	
7,258.33	11.01	252.87	7,170.56	-275.15	-892.87	0.00	0.00	0.00	0.00	
7,992.28	0.00	0.00	7,900.00	-295.85	-960.05	1.50	-1.50	0.00	180.00	
8,117.32	0.00	0.00	8,025.04	-295.85	-960.05	0.00	0.00	0.00	0.00	
9,017.32	90.00	90.10	8,598.00	-296.83	-387.09	10.00	10.00	10.01	90.10	
13,667.83	90.00	90.10	8,598.00	-304.74	4,263.41	0.00	0.00	0.00	0.00	03-PPP2(B-702H)
14,982.08	90.00	90.10	8,598.00	-306.96	5,577.66	0.00	0.00	0.00	0.00	04-PPP3(B-702H)
16,297.43	90.00	90.10	8,598.00	-309.18	6,893.01	0.00	0.00	0.00	0.00	05-PPP4(B-702H)
18,956.43	90.00	90.10	8,598.00	-313.67	9,552.00	0.00	0.00	0.00	0.00	06-PPP5(B-702H)
21,287.10	90.00	90.10	8,598.00	-317.60	11,882.67	0.00	0.00	0.00	0.00	08-PBHL(B-702H)



Planning Report

Database:	TZ USA 17.2	Local Co-ordinate Reference:	Well Boudin 4 2 Fed Com 702H - Slot Boudin 702H
Company:	3R Operating LLC	TVD Reference:	3333+25 @ 3358.00usft
Project:	Eddy County_NM (N83-NME)	MD Reference:	3333+25 @ 3358.00usft
Site:	Boudin 4 2	North Reference:	Grid
Well:	Boudin 4 2 Fed Com 702H	Survey Calculation Method:	Minimum Curvature
Wellbore:	702H		
Design:	APD-Rev01		

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)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,788.00	0.00	0.00	1,788.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lamar										
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,843.00	0.00	0.00	1,843.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Delaware										
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	1.50	252.87	2,099.99	-0.39	-1.25	-1.25	1.50	1.50	0.00	0.00
2,200.00	3.00	252.87	2,199.91	-1.54	-5.00	-5.00	1.50	1.50	0.00	0.00
2,300.00	4.50	252.87	2,299.69	-3.47	-11.25	-11.25	1.50	1.50	0.00	0.00
2,400.00	6.00	252.87	2,399.27	-6.16	-20.00	-19.99	1.50	1.50	0.00	0.00
2,500.00	7.50	252.87	2,498.57	-9.62	-31.23	-31.21	1.50	1.50	0.00	0.00
2,600.00	9.00	252.87	2,597.54	-13.85	-44.94	-44.92	1.50	1.50	0.00	0.00
2,700.00	10.50	252.87	2,696.09	-18.84	-61.13	-61.09	1.50	1.50	0.00	0.00
2,733.95	11.01	252.87	2,729.44	-20.70	-67.18	-67.14	1.50	1.50	0.00	0.00
2,800.00	11.01	252.87	2,794.28	-24.42	-79.23	-79.19	0.00	0.00	0.00	0.00
2,900.00	11.01	252.87	2,892.44	-30.04	-97.48	-97.43	0.00	0.00	0.00	0.00
3,000.00	11.01	252.87	2,990.60	-35.66	-115.73	-115.67	0.00	0.00	0.00	0.00
3,100.00	11.01	252.87	3,088.76	-41.29	-133.98	-133.91	0.00	0.00	0.00	0.00
3,200.00	11.01	252.87	3,186.92	-46.91	-152.23	-152.15	0.00	0.00	0.00	0.00
3,300.00	11.01	252.87	3,285.07	-52.54	-170.48	-170.39	0.00	0.00	0.00	0.00
3,400.00	11.01	252.87	3,383.23	-58.16	-188.73	-188.63	0.00	0.00	0.00	0.00
3,500.00	11.01	252.87	3,481.39	-63.78	-206.98	-206.87	0.00	0.00	0.00	0.00
3,600.00	11.01	252.87	3,579.55	-69.41	-225.23	-225.11	0.00	0.00	0.00	0.00
3,700.00	11.01	252.87	3,677.71	-75.03	-243.48	-243.35	0.00	0.00	0.00	0.00
3,800.00	11.01	252.87	3,775.87	-80.66	-261.73	-261.59	0.00	0.00	0.00	0.00
3,900.00	11.01	252.87	3,874.03	-86.28	-279.98	-279.83	0.00	0.00	0.00	0.00
4,000.00	11.01	252.87	3,972.19	-91.90	-298.23	-298.07	0.00	0.00	0.00	0.00
4,100.00	11.01	252.87	4,070.35	-97.53	-316.48	-316.31	0.00	0.00	0.00	0.00
4,200.00	11.01	252.87	4,168.51	-103.15	-334.73	-334.55	0.00	0.00	0.00	0.00
4,300.00	11.01	252.87	4,266.67	-108.77	-352.98	-352.79	0.00	0.00	0.00	0.00
4,400.00	11.01	252.87	4,364.83	-114.40	-371.23	-371.03	0.00	0.00	0.00	0.00
4,500.00	11.01	252.87	4,462.99	-120.02	-389.48	-389.27	0.00	0.00	0.00	0.00
4,600.00	11.01	252.87	4,561.15	-125.65	-407.73	-407.51	0.00	0.00	0.00	0.00
4,700.00	11.01	252.87	4,659.31	-131.27	-425.98	-425.75	0.00	0.00	0.00	0.00



Planning Report

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Company:	3R Operating LLC	TVD Reference:	3333+25 @ 3358.00usft
Project:	Eddy County_NM (N83-NME)	MD Reference:	3333+25 @ 3358.00usft
Site:	Boudin 4 2	North Reference:	Grid
Well:	Boudin 4 2 Fed Com 702H	Survey Calculation Method:	Minimum Curvature
Wellbore:	702H		
Design:	APD-Rev01		

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)	
4,800.00	11.01	252.87	4,757.47	-136.89	-444.23	-443.99	0.00	0.00	0.00	
4,900.00	11.01	252.87	4,855.63	-142.52	-462.48	-462.23	0.00	0.00	0.00	
5,000.00	11.01	252.87	4,953.79	-148.14	-480.73	-480.47	0.00	0.00	0.00	
5,100.00	11.01	252.87	5,051.95	-153.77	-498.98	-498.71	0.00	0.00	0.00	
5,200.00	11.01	252.87	5,150.11	-159.39	-517.23	-516.95	0.00	0.00	0.00	
5,300.00	11.01	252.87	5,248.27	-165.01	-535.48	-535.19	0.00	0.00	0.00	
5,320.10	11.01	252.87	5,268.00	-166.14	-539.15	-538.86	0.00	0.00	0.00	
Bone Spring										
5,400.00	11.01	252.87	5,346.43	-170.64	-553.73	-553.43	0.00	0.00	0.00	
5,500.00	11.01	252.87	5,444.59	-176.26	-571.98	-571.67	0.00	0.00	0.00	
5,600.00	11.01	252.87	5,542.75	-181.89	-590.23	-589.91	0.00	0.00	0.00	
5,700.00	11.01	252.87	5,640.91	-187.51	-608.48	-608.15	0.00	0.00	0.00	
5,800.00	11.01	252.87	5,739.07	-193.13	-626.73	-626.39	0.00	0.00	0.00	
5,900.00	11.01	252.87	5,837.23	-198.76	-644.98	-644.63	0.00	0.00	0.00	
6,000.00	11.01	252.87	5,935.39	-204.38	-663.23	-662.87	0.00	0.00	0.00	
6,100.00	11.01	252.87	6,033.54	-210.00	-681.48	-681.11	0.00	0.00	0.00	
6,200.00	11.01	252.87	6,131.70	-215.63	-699.73	-699.35	0.00	0.00	0.00	
6,300.00	11.01	252.87	6,229.86	-221.25	-717.98	-717.59	0.00	0.00	0.00	
6,328.66	11.01	252.87	6,258.00	-222.86	-723.21	-722.82	0.00	0.00	0.00	
1st Bone Spring Sand										
6,400.00	11.01	252.87	6,328.02	-226.88	-736.23	-735.83	0.00	0.00	0.00	
6,500.00	11.01	252.87	6,426.18	-232.50	-754.48	-754.07	0.00	0.00	0.00	
6,600.00	11.01	252.87	6,524.34	-238.12	-772.73	-772.31	0.00	0.00	0.00	
6,608.82	11.01	252.87	6,533.00	-238.62	-774.34	-773.92	0.00	0.00	0.00	
2nd Bone Spring Carb										
6,700.00	11.01	252.87	6,622.50	-243.75	-790.98	-790.55	0.00	0.00	0.00	
6,800.00	11.01	252.87	6,720.66	-249.37	-809.23	-808.79	0.00	0.00	0.00	
6,878.79	11.01	252.87	6,798.00	-253.80	-823.60	-823.16	0.00	0.00	0.00	
2nd Bone Spring Sand										
6,900.00	11.01	252.87	6,818.82	-255.00	-827.48	-827.03	0.00	0.00	0.00	
7,000.00	11.01	252.87	6,916.98	-260.62	-845.73	-845.27	0.00	0.00	0.00	
7,100.00	11.01	252.87	7,015.14	-266.24	-863.98	-863.51	0.00	0.00	0.00	
7,200.00	11.01	252.87	7,113.30	-271.87	-882.23	-881.75	0.00	0.00	0.00	
7,220.07	11.01	252.87	7,133.00	-273.00	-885.89	-885.41	0.00	0.00	0.00	
3rd Bone Spring Carb										
7,258.33	11.01	252.87	7,170.56	-275.15	-892.87	-892.39	0.00	0.00	0.00	
7,300.00	10.38	252.87	7,211.50	-277.43	-900.26	-899.78	1.50	-1.50	0.00	
7,400.00	8.88	252.87	7,310.09	-282.35	-916.26	-915.76	1.50	-1.50	0.00	
7,500.00	7.38	252.87	7,409.08	-286.52	-929.78	-929.27	1.50	-1.50	0.00	
7,600.00	5.88	252.87	7,508.41	-289.92	-940.82	-940.31	1.50	-1.50	0.00	
7,700.00	4.38	252.87	7,608.00	-292.56	-949.37	-948.86	1.50	-1.50	0.00	
7,800.00	2.88	252.87	7,707.80	-294.43	-955.43	-954.91	1.50	-1.50	0.00	
7,900.00	1.38	252.87	7,807.73	-295.52	-958.98	-958.47	1.50	-1.50	0.00	
7,992.28	0.00	0.00	7,900.00	-295.85	-960.05	-959.53	1.50	-1.50	0.00	
8,000.00	0.00	0.00	7,907.72	-295.85	-960.05	-959.53	0.00	0.00	0.00	
8,100.00	0.00	0.00	8,007.72	-295.85	-960.05	-959.53	0.00	0.00	0.00	
8,117.32	0.00	0.00	8,025.04	-295.85	-960.05	-959.53	0.00	0.00	0.00	
KOP: 8117.32' MD/ -959.53' VS/8025.04' TVD										
8,150.00	3.27	90.10	8,057.70	-295.85	-959.12	-958.60	10.00	10.00	0.00	
8,200.00	8.87	90.10	8,107.43	-295.86	-954.09	-953.58	10.00	10.00	0.00	
8,205.63	8.83	90.10	8,113.00	-295.86	-953.26	-952.74	10.00	10.00	0.00	
3rd Bone Spring Sand										



Planning Report

Database:	TZ USA 17.2	Local Co-ordinate Reference:	Well Boudin 4 2 Fed Com 702H - Slot Boudin 702H
Company:	3R Operating LLC	TVD Reference:	3333+25 @ 3358.00usft
Project:	Eddy County_NM (N83-NME)	MD Reference:	3333+25 @ 3358.00usft
Site:	Boudin 4 2	North Reference:	Grid
Well:	Boudin 4 2 Fed Com 702H	Survey Calculation Method:	Minimum Curvature
Wellbore:	702H		
Design:	APD-Rev01		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,250.00	13.27	90.10	8,156.54	-295.88	-944.76	-944.24	10.00	10.00	0.00	
8,300.00	18.27	90.10	8,204.64	-295.90	-931.17	-930.66	10.00	10.00	0.00	
8,350.00	23.27	90.10	8,251.38	-295.93	-913.45	-912.93	10.00	10.00	0.00	
8,400.00	28.27	90.10	8,296.39	-295.97	-891.72	-891.20	10.00	10.00	0.00	
8,450.00	33.27	90.10	8,339.34	-296.01	-866.15	-865.63	10.00	10.00	0.00	
8,500.00	38.27	90.10	8,379.90	-296.06	-836.93	-836.42	10.00	10.00	0.00	
8,550.00	43.27	90.10	8,417.75	-296.12	-804.30	-803.78	10.00	10.00	0.00	
8,600.00	48.27	90.10	8,452.62	-296.18	-768.48	-767.96	10.00	10.00	0.00	
8,639.70	52.24	90.10	8,478.00	-296.23	-737.96	-737.44	10.00	10.00	0.00	
Wolfcamp XY*										
8,650.00	53.27	90.10	8,484.23	-296.24	-729.76	-729.25	10.00	10.00	0.00	
8,666.82	54.95	90.10	8,494.10	-296.27	-716.13	-715.62	10.00	10.00	0.00	
01-KOP(B-702H)										
8,700.00	58.27	90.10	8,512.35	-296.31	-688.44	-687.92	10.00	10.00	0.00	
8,743.22	62.59	90.10	8,533.67	-296.38	-650.86	-650.34	10.00	10.00	0.00	
02-FTP(B-702H)										
8,750.00	63.27	90.10	8,536.76	-296.39	-644.82	-644.30	10.00	10.00	0.00	
8,800.00	68.27	90.10	8,557.28	-296.46	-599.24	-598.72	10.00	10.00	0.00	
8,850.00	73.27	90.10	8,573.74	-296.54	-552.05	-551.53	10.00	10.00	0.00	
8,900.00	78.27	90.10	8,586.03	-296.63	-503.60	-503.08	10.00	10.00	0.00	
8,950.00	83.27	90.10	8,594.05	-296.71	-454.26	-453.74	10.00	10.00	0.00	
9,000.00	88.27	90.10	8,597.74	-296.80	-404.41	-403.89	10.00	10.00	0.00	
9,017.32	90.00	90.10	8,598.00	-296.83	-387.09	-386.57	10.00	10.00	0.00	
EOC: 9017.32' MD/ -386.58' VS/8598.00' TVD - Target CL										
9,100.00	90.00	90.10	8,598.00	-296.97	-304.41	-303.90	0.00	0.00	0.00	
9,200.00	90.00	90.10	8,598.00	-297.14	-204.41	-203.90	0.00	0.00	0.00	
9,300.00	90.00	90.10	8,598.00	-297.31	-104.41	-103.90	0.00	0.00	0.00	
9,400.00	90.00	90.10	8,598.00	-297.48	-4.41	-3.90	0.00	0.00	0.00	
9,500.00	90.00	90.10	8,598.00	-297.65	95.59	96.10	0.00	0.00	0.00	
9,600.00	90.00	90.10	8,598.00	-297.82	195.59	196.10	0.00	0.00	0.00	
9,700.00	90.00	90.10	8,598.00	-297.99	295.59	296.10	0.00	0.00	0.00	
9,800.00	90.00	90.10	8,598.00	-298.16	395.59	396.10	0.00	0.00	0.00	
9,900.00	90.00	90.10	8,598.00	-298.33	495.58	496.10	0.00	0.00	0.00	
10,000.00	90.00	90.10	8,598.00	-298.50	595.58	596.10	0.00	0.00	0.00	
10,100.00	90.00	90.10	8,598.00	-298.67	695.58	696.10	0.00	0.00	0.00	
10,200.00	90.00	90.10	8,598.00	-298.84	795.58	796.10	0.00	0.00	0.00	
10,300.00	90.00	90.10	8,598.00	-299.01	895.58	896.10	0.00	0.00	0.00	
10,400.00	90.00	90.10	8,598.00	-299.18	995.58	996.10	0.00	0.00	0.00	
10,500.00	90.00	90.10	8,598.00	-299.35	1,095.58	1,096.10	0.00	0.00	0.00	
10,600.00	90.00	90.10	8,598.00	-299.52	1,195.58	1,196.10	0.00	0.00	0.00	
10,700.00	90.00	90.10	8,598.00	-299.69	1,295.58	1,296.10	0.00	0.00	0.00	
10,800.00	90.00	90.10	8,598.00	-299.86	1,395.58	1,396.10	0.00	0.00	0.00	
10,900.00	90.00	90.10	8,598.00	-300.03	1,495.58	1,496.10	0.00	0.00	0.00	
11,000.00	90.00	90.10	8,598.00	-300.20	1,595.58	1,596.10	0.00	0.00	0.00	
11,100.00	90.00	90.10	8,598.00	-300.37	1,695.58	1,696.10	0.00	0.00	0.00	
11,200.00	90.00	90.10	8,598.00	-300.54	1,795.58	1,796.10	0.00	0.00	0.00	
11,300.00	90.00	90.10	8,598.00	-300.71	1,895.58	1,896.10	0.00	0.00	0.00	
11,400.00	90.00	90.10	8,598.00	-300.88	1,995.58	1,996.10	0.00	0.00	0.00	
11,500.00	90.00	90.10	8,598.00	-301.05	2,095.58	2,096.10	0.00	0.00	0.00	
11,600.00	90.00	90.10	8,598.00	-301.22	2,195.58	2,196.10	0.00	0.00	0.00	
11,700.00	90.00	90.10	8,598.00	-301.39	2,295.58	2,296.10	0.00	0.00	0.00	
11,800.00	90.00	90.10	8,598.00	-301.56	2,395.58	2,396.10	0.00	0.00	0.00	
11,900.00	90.00	90.10	8,598.00	-301.73	2,495.58	2,496.10	0.00	0.00	0.00	



Planning Report

Database:	TZ USA 17.2	Local Co-ordinate Reference:	Well Boudin 4 2 Fed Com 702H - Slot Boudin 702H
Company:	3R Operating LLC	TVD Reference:	3333+25 @ 3358.00usft
Project:	Eddy County_NM (N83-NME)	MD Reference:	3333+25 @ 3358.00usft
Site:	Boudin 4 2	North Reference:	Grid
Well:	Boudin 4 2 Fed Com 702H	Survey Calculation Method:	Minimum Curvature
Wellbore:	702H		
Design:	APD-Rev01		

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)
12,000.00	90.00	90.10	8,598.00	-301.90	2,595.58	2,596.10	0.00	0.00	0.00
12,100.00	90.00	90.10	8,598.00	-302.07	2,695.58	2,696.10	0.00	0.00	0.00
12,200.00	90.00	90.10	8,598.00	-302.24	2,795.58	2,796.10	0.00	0.00	0.00
12,300.00	90.00	90.10	8,598.00	-302.41	2,895.58	2,896.10	0.00	0.00	0.00
12,400.00	90.00	90.10	8,598.00	-302.58	2,995.58	2,996.10	0.00	0.00	0.00
12,500.00	90.00	90.10	8,598.00	-302.75	3,095.58	3,096.10	0.00	0.00	0.00
12,600.00	90.00	90.10	8,598.00	-302.92	3,195.58	3,196.10	0.00	0.00	0.00
12,700.00	90.00	90.10	8,598.00	-303.09	3,295.58	3,296.10	0.00	0.00	0.00
12,800.00	90.00	90.10	8,598.00	-303.26	3,395.58	3,396.10	0.00	0.00	0.00
12,900.00	90.00	90.10	8,598.00	-303.43	3,495.58	3,496.10	0.00	0.00	0.00
13,000.00	90.00	90.10	8,598.00	-303.60	3,595.58	3,596.10	0.00	0.00	0.00
13,100.00	90.00	90.10	8,598.00	-303.77	3,695.58	3,696.10	0.00	0.00	0.00
13,200.00	90.00	90.10	8,598.00	-303.94	3,795.58	3,796.10	0.00	0.00	0.00
13,300.00	90.00	90.10	8,598.00	-304.11	3,895.58	3,896.10	0.00	0.00	0.00
13,400.00	90.00	90.10	8,598.00	-304.28	3,995.58	3,996.10	0.00	0.00	0.00
13,500.00	90.00	90.10	8,598.00	-304.45	4,095.58	4,096.10	0.00	0.00	0.00
13,600.00	90.00	90.10	8,598.00	-304.62	4,195.58	4,196.10	0.00	0.00	0.00
13,667.83	90.00	90.10	8,598.00	-304.74	4,263.41	4,263.94	0.00	0.00	0.00
03-PPP2(B-702H)									
13,667.97	90.00	90.10	8,598.00	-304.74	4,263.55	4,264.07	0.00	0.00	0.00
Enter NMNM 015296: 13667.97' MD									
13,700.00	90.00	90.10	8,598.00	-304.79	4,295.58	4,296.10	0.00	0.00	0.00
13,800.00	90.00	90.10	8,598.00	-304.96	4,395.58	4,396.10	0.00	0.00	0.00
13,900.00	90.00	90.10	8,598.00	-305.14	4,495.58	4,496.10	0.00	0.00	0.00
14,000.00	90.00	90.10	8,598.00	-305.31	4,595.58	4,596.10	0.00	0.00	0.00
14,100.00	90.00	90.10	8,598.00	-305.48	4,695.58	4,696.10	0.00	0.00	0.00
14,200.00	90.00	90.10	8,598.00	-305.65	4,795.58	4,796.10	0.00	0.00	0.00
14,300.00	90.00	90.10	8,598.00	-305.82	4,895.58	4,896.10	0.00	0.00	0.00
14,400.00	90.00	90.10	8,598.00	-305.99	4,995.58	4,996.10	0.00	0.00	0.00
14,500.00	90.00	90.10	8,598.00	-306.16	5,095.58	5,096.10	0.00	0.00	0.00
14,600.00	90.00	90.10	8,598.00	-306.33	5,195.58	5,196.10	0.00	0.00	0.00
14,700.00	90.00	90.10	8,598.00	-306.50	5,295.58	5,296.10	0.00	0.00	0.00
14,800.00	90.00	90.10	8,598.00	-306.67	5,395.58	5,396.10	0.00	0.00	0.00
14,900.00	90.00	90.10	8,598.00	-306.84	5,495.58	5,496.10	0.00	0.00	0.00
14,981.54	90.00	90.10	8,598.00	-306.98	5,577.12	5,577.64	0.00	0.00	0.00
Exit NMNM 015296: 14981.54' MD									
14,982.08	90.00	90.10	8,598.00	-306.96	5,577.66	5,578.19	0.00	0.00	0.00
04-PPP3(B-702H)									
15,000.00	90.00	90.10	8,598.00	-306.99	5,595.58	5,596.10	0.00	0.00	0.00
15,100.00	90.00	90.10	8,598.00	-307.16	5,695.58	5,696.10	0.00	0.00	0.00
15,200.00	90.00	90.10	8,598.00	-307.33	5,795.58	5,796.10	0.00	0.00	0.00
15,300.00	90.00	90.10	8,598.00	-307.50	5,895.58	5,896.10	0.00	0.00	0.00
15,400.00	90.00	90.10	8,598.00	-307.67	5,995.58	5,996.10	0.00	0.00	0.00
15,500.00	90.00	90.10	8,598.00	-307.84	6,095.58	6,096.10	0.00	0.00	0.00
15,600.00	90.00	90.10	8,598.00	-308.01	6,195.58	6,196.10	0.00	0.00	0.00
15,700.00	90.00	90.10	8,598.00	-308.18	6,295.58	6,296.10	0.00	0.00	0.00
15,800.00	90.00	90.10	8,598.00	-308.35	6,395.58	6,396.10	0.00	0.00	0.00
15,900.00	90.00	90.10	8,598.00	-308.52	6,495.58	6,496.11	0.00	0.00	0.00
16,000.00	90.00	90.10	8,598.00	-308.69	6,595.58	6,596.11	0.00	0.00	0.00
16,100.00	90.00	90.10	8,598.00	-308.86	6,695.58	6,696.11	0.00	0.00	0.00
16,200.00	90.00	90.10	8,598.00	-309.03	6,795.58	6,796.11	0.00	0.00	0.00
16,297.43	90.00	90.10	8,598.00	-309.18	6,893.01	6,893.54	0.00	0.00	0.00



Planning Report

Database:	TZ USA 17.2	Local Co-ordinate Reference:	Well Boudin 4 2 Fed Com 702H - Slot Boudin 702H
Company:	3R Operating LLC	TVD Reference:	3333+25 @ 3358.00usft
Project:	Eddy County_NM (N83-NME)	MD Reference:	3333+25 @ 3358.00usft
Site:	Boudin 4 2	North Reference:	Grid
Well:	Boudin 4 2 Fed Com 702H	Survey Calculation Method:	Minimum Curvature
Wellbore:	702H		
Design:	APD-Rev01		

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)	
05-PPP4(B-702H)										
16,297.75	90.00	90.10	8,598.00	-309.18	6,893.33	6,893.86	0.00	0.00	0.00	
Enter MNM 019836: 16297.75' MD										
16,300.00	90.00	90.10	8,598.00	-309.18	6,895.58	6,896.11	0.00	0.00	0.00	
16,400.00	90.00	90.10	8,598.00	-309.35	6,995.58	6,996.11	0.00	0.00	0.00	
16,500.00	90.00	90.10	8,598.00	-309.52	7,095.58	7,096.11	0.00	0.00	0.00	
16,600.00	90.00	90.10	8,598.00	-309.69	7,195.58	7,196.11	0.00	0.00	0.00	
16,700.00	90.00	90.10	8,598.00	-309.87	7,295.58	7,296.11	0.00	0.00	0.00	
16,800.00	90.00	90.10	8,598.00	-310.04	7,395.58	7,396.11	0.00	0.00	0.00	
16,900.00	90.00	90.10	8,598.00	-310.21	7,495.58	7,496.11	0.00	0.00	0.00	
17,000.00	90.00	90.10	8,598.00	-310.38	7,595.57	7,596.11	0.00	0.00	0.00	
17,100.00	90.00	90.10	8,598.00	-310.55	7,695.57	7,696.11	0.00	0.00	0.00	
17,200.00	90.00	90.10	8,598.00	-310.72	7,795.57	7,796.11	0.00	0.00	0.00	
17,300.00	90.00	90.10	8,598.00	-310.89	7,895.57	7,896.11	0.00	0.00	0.00	
17,400.00	90.00	90.10	8,598.00	-311.06	7,995.57	7,996.11	0.00	0.00	0.00	
17,500.00	90.00	90.10	8,598.00	-311.23	8,095.57	8,096.11	0.00	0.00	0.00	
17,600.00	90.00	90.10	8,598.00	-311.40	8,195.57	8,196.11	0.00	0.00	0.00	
17,700.00	90.00	90.10	8,598.00	-311.57	8,295.57	8,296.11	0.00	0.00	0.00	
17,800.00	90.00	90.10	8,598.00	-311.74	8,395.57	8,396.11	0.00	0.00	0.00	
17,900.00	90.00	90.10	8,598.00	-311.91	8,495.57	8,496.11	0.00	0.00	0.00	
18,000.00	90.00	90.10	8,598.00	-312.08	8,595.57	8,596.11	0.00	0.00	0.00	
18,100.00	90.00	90.10	8,598.00	-312.25	8,695.57	8,696.11	0.00	0.00	0.00	
18,200.00	90.00	90.10	8,598.00	-312.42	8,795.57	8,796.11	0.00	0.00	0.00	
18,300.00	90.00	90.10	8,598.00	-312.59	8,895.57	8,896.11	0.00	0.00	0.00	
18,400.00	90.00	90.10	8,598.00	-312.76	8,995.57	8,996.11	0.00	0.00	0.00	
18,500.00	90.00	90.10	8,598.00	-312.93	9,095.57	9,096.11	0.00	0.00	0.00	
18,600.00	90.00	90.10	8,598.00	-313.10	9,195.57	9,196.11	0.00	0.00	0.00	
18,700.00	90.00	90.10	8,598.00	-313.27	9,295.57	9,296.11	0.00	0.00	0.00	
18,800.00	90.00	90.10	8,598.00	-313.44	9,395.57	9,396.11	0.00	0.00	0.00	
18,900.00	90.00	90.10	8,598.00	-313.61	9,495.57	9,496.11	0.00	0.00	0.00	
18,956.28	90.00	90.10	8,598.00	-313.71	9,551.85	9,552.39	0.00	0.00	0.00	
Exit MNM 019836: 18956.28' MD										
18,956.43	90.00	90.10	8,598.00	-313.67	9,552.00	9,552.53	0.00	0.00	0.00	
06-PPP5(B-702H)										
19,000.00	90.00	90.10	8,598.00	-313.74	9,595.57	9,596.11	0.00	0.00	0.00	
19,100.00	90.00	90.10	8,598.00	-313.91	9,695.57	9,696.11	0.00	0.00	0.00	
19,200.00	90.00	90.10	8,598.00	-314.08	9,795.57	9,796.11	0.00	0.00	0.00	
19,300.00	90.00	90.10	8,598.00	-314.25	9,895.57	9,896.11	0.00	0.00	0.00	
19,400.00	90.00	90.10	8,598.00	-314.42	9,995.57	9,996.11	0.00	0.00	0.00	
19,500.00	90.00	90.10	8,598.00	-314.60	10,095.57	10,096.11	0.00	0.00	0.00	
19,600.00	90.00	90.10	8,598.00	-314.77	10,195.57	10,196.11	0.00	0.00	0.00	
19,700.00	90.00	90.10	8,598.00	-314.94	10,295.57	10,296.11	0.00	0.00	0.00	
19,800.00	90.00	90.10	8,598.00	-315.11	10,395.57	10,396.11	0.00	0.00	0.00	
19,900.00	90.00	90.10	8,598.00	-315.28	10,495.57	10,496.11	0.00	0.00	0.00	
20,000.00	90.00	90.10	8,598.00	-315.45	10,595.57	10,596.11	0.00	0.00	0.00	
20,100.00	90.00	90.10	8,598.00	-315.62	10,695.57	10,696.11	0.00	0.00	0.00	
20,200.00	90.00	90.10	8,598.00	-315.79	10,795.57	10,796.11	0.00	0.00	0.00	
20,300.00	90.00	90.10	8,598.00	-315.96	10,895.57	10,896.11	0.00	0.00	0.00	
20,400.00	90.00	90.10	8,598.00	-316.13	10,995.57	10,996.11	0.00	0.00	0.00	
20,500.00	90.00	90.10	8,598.00	-316.30	11,095.57	11,096.11	0.00	0.00	0.00	
20,600.00	90.00	90.10	8,598.00	-316.47	11,195.57	11,196.11	0.00	0.00	0.00	
20,700.00	90.00	90.10	8,598.00	-316.64	11,295.57	11,296.11	0.00	0.00	0.00	



Planning Report

Database:	TZ USA 17.2	Local Co-ordinate Reference:	Well Boudin 4 2 Fed Com 702H - Slot Boudin 702H
Company:	3R Operating LLC	TVD Reference:	3333+25 @ 3358.00usft
Project:	Eddy County_NM (N83-NME)	MD Reference:	3333+25 @ 3358.00usft
Site:	Boudin 4 2	North Reference:	Grid
Well:	Boudin 4 2 Fed Com 702H	Survey Calculation Method:	Minimum Curvature
Wellbore:	702H		
Design:	APD-Rev01		

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)	
20,800.00	90.00	90.10	8,598.00	-316.81	11,395.57	11,396.11	0.00	0.00	0.00	
20,900.00	90.00	90.10	8,598.00	-316.98	11,495.57	11,496.11	0.00	0.00	0.00	
21,000.00	90.00	90.10	8,598.00	-317.15	11,595.57	11,596.11	0.00	0.00	0.00	
21,100.00	90.00	90.10	8,598.00	-317.32	11,695.57	11,696.11	0.00	0.00	0.00	
21,200.00	90.00	90.10	8,598.00	-317.49	11,795.57	11,796.11	0.00	0.00	0.00	
21,287.10	90.00	90.10	8,598.00	-317.64	11,882.67	11,883.21	0.00	0.00	0.00	
TD: 21287.10' MD/ 11883.20' VS/8598.00' TVD - 07-LTP(B-702H) - 08-PBHL(B-702H)										

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
03-PPP2(B-702H) - plan hits target center - Point	0.00	0.00	8,598.00	-304.74	4,263.41	422,318.70	557,573.71	32.16102146	-104.28086455
04-PPP3(B-702H) - plan hits target center - Point	0.00	0.00	8,598.00	-306.96	5,577.66	422,316.48	558,887.96	32.16101352	-104.27661744
06-PPP5(B-702H) - plan hits target center - Point	0.00	0.00	8,598.00	-313.67	9,552.00	422,309.77	562,862.30	32.16098867	-104.26377402
01-KOP(B-702H) - plan misses target center by 125.68usft at 8666.82usft MD (8494.09 TVD, -296.27 N, -716.13 E) - Point	0.00	0.00	8,598.00	-296.17	-786.83	422,327.27	552,523.47	32.16105073	-104.29718485
07-LTP(B-702H) - plan misses target center by 0.04usft at 21287.10usft MD (8598.00 TVD, -317.64 N, 11882.67 E) - Point	0.00	0.00	8,598.00	-317.60	11,882.67	422,305.84	565,192.97	32.16097350	-104.25624226
08-PBHL(B-702H) - plan misses target center by 0.04usft at 21287.10usft MD (8598.00 TVD, -317.64 N, 11882.67 E) - Point	0.00	0.00	8,598.00	-317.60	11,882.67	422,305.84	565,192.97	32.16097350	-104.25624226
02-FTP(B-702H) - plan misses target center by 73.72usft at 8743.22usft MD (8533.67 TVD, -296.38 N, -650.86 E) - Point	0.00	0.00	8,598.00	-296.39	-686.86	422,327.05	552,623.44	32.16105003	-104.29686178
05-PPP4(B-702H) - plan hits target center - Point	0.00	0.00	8,598.00	-309.18	6,893.01	422,314.26	560,203.31	32.16100544	-104.27236677



Planning Report

Database:	TZ USA 17.2	Local Co-ordinate Reference:	Well Boudin 4 2 Fed Com 702H - Slot Boudin 702H
Company:	3R Operating LLC	TVD Reference:	3333+25 @ 3358.00usft
Project:	Eddy County_NM (N83-NME)	MD Reference:	3333+25 @ 3358.00usft
Site:	Boudin 4 2	North Reference:	Grid
Well:	Boudin 4 2 Fed Com 702H	Survey Calculation Method:	Minimum Curvature
Wellbore:	702H		
Design:	APD-Rev01		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,788.00	1,788.00	Lamar				
1,843.00	1,843.00	Delaware				
5,320.10	5,268.00	Bone Spring				
6,328.66	6,258.00	1st Bone Spring Sand				
6,608.82	6,533.00	2nd Bone Spring Carb				
6,878.79	6,798.00	2nd Bone Spring Sand				
7,220.07	7,133.00	3rd Bone Spring Carb				
8,205.63	8,113.00	3rd Bone Spring Sand				
8,639.70	8,478.00	Wolfcamp XY*				
9,017.32	8,598.00	Target CL				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
8,117.32	8,025.04	-295.85	-960.05	KOP: 8117.32' MD/ -959.53' VS/8025.04' TVD	
9,017.32	8,598.00	-296.83	-387.09	EOC: 9017.32' MD/ -386.58' VS/8598.00' TVD	
13,667.97	8,598.00	-304.74	4,263.55	Enter NMNM 015296: 13667.97' MD	
14,981.54	8,598.00	-306.98	5,577.12	Exit NMNM 015296: 14981.54' MD	
16,297.75	8,598.00	-309.18	6,893.33	Enter NMNM 019836: 16297.75' MD	
18,956.28	8,598.00	-313.71	9,551.85	Exit NMNM 019836: 18956.28' MD	
21,287.10	8,598.00	-317.64	11,882.67	TD: 21287.10' MD/ 11883.20' VS/8598.00' TVD	

1.28.26: SHL Revised



Drilling Plan

Operator

3R Operating, LLC

Project Name

BOUDIN 4 2 FED COM 702H

SHL: 1645' FNL & 1615' FEL of Section 04-25S-26E, Eddy County, NM

BHL: 1980' FNL & 330' FEL of Section 02-25S-26E, Eddy County, NM

Prepared By

Reagan Smith, Inc.

Submitted To

Bureau of Land Management - Carlsbad Field Office

Please address any questions, inquiries, or deficiency statements to
Scott St. John and Monica Smith Griffin at the address below:

Reagan Smith
3909 N. Classen Blvd.
Oklahoma City, OK 73118
(405) 286-9326

1.0 Estimated Formation Tops

Formation	Depth	Primary Lithology	Primary Mineral Resources
Surface/Permian	GL	Sandstone	Usable Water
Castille	25	Alluvium	Usable Water
Lamar	1,788	Limestone	None
Delaware	1,843	Limestone, Sandstone, Shale	None
Bone Spring	5,268	Limestone	Nat. Gas, Oil
1st Bone Spring	6,258	Sandstone	Nat. Gas, Oil
2nd Bone Spring	6,798	Sandstone	Nat. Gas, Oil
3rd Bone Spring	8,113	Sandstone	Nat. Gas, Oil
Wolfcamp	8,478	Limestone, Sandstone, Shale	Nat. Gas, Oil

Total Depth and Target Formation

Total Vertical Depth (ft): 8,598

Total Measured Depth (ft): 21,287

Target Formation: Wolfcamp

2.0 Estimated Depths of Oil & Gas

Substance	Depth (ft)
Top of Hydrocarbons	5,268
Bottom of Hydrocarbons	TD

3.0 Pressure Control Equipment

Ten thousand (10M) psi working pressure Blind Rams & Pipe Rams and a five thousand (5M) psi Annular Preventer will be installed on all casing. Two (2) chokes, with at least one (1) being a remotely controlled hydraulic choke, will be used.

A variance to the requirement of a rigid steel line connecting the BOP to the choke manifold is requested. Specifications for the flex hose are provided with the BOP schematic in the exhibit section.

Operator testing procedures will meet minimum standards for well control equipment testing per CFR § 3172.6(b)(9). Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing if BOP stack is not isolated from casing. Annular type preventers shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

In addition, the BOP equipment will be tested after any repairs to the equipment and prior to drilling out below any casing string. Pipe rams, blind rams, and annular preventer will be activated on each trip and weekly BOP drills will be held with each crew.

Floor safety valves that are fully open and sized to fit drill pipe and collars will be available on the rig floor in the open position when the Kelly is not in use.

4.0 Proposed Casing and Design Analysis

4.1 Proposed Casing Program

Interval	Length (ft)	Size (in)	Weight/ft (lbs)	Grade	Thread	Condition	Hole size (in)
Surface	480	13.375	48	H-40	STC	NEW	17.5
Inter.	1,745	9.625	36	J-55	BTC	NEW	12.25
Prod.	21,287	5.5	20	P110	BTC	NEW	8.75

4.2 Casing Specifications

Interval	Total Vertical Depth (TVD)	Total Measured Depth (MD)	Weight/ft (lbs)	Grade	Collapse (psi)	Internal Yld (psi)	Body Yld Strength (psi)	Joint Strength (psi)
Surface	480	480	48	H-40	770	1,730	541,000	322,000
Inter.	1,745	1,745	36	J-55	2,020	3,520	564,000	639,000
Prod.	8,598	21,287	20	P110	11,080	12,640	641,000	667,000

5.0 Proposed Cement Program

Surface Casing Cement

Lead/Tail	TOC (MD)	Bottom of Cmt (MD)	Density (lbs/gal)	Yield (ft ³ /sk)	Excess (%)	Volume (ft ³)	# of Sks Cmt
Sur. Lead	0	180	13.50	1.79	100	251	140
Sur. Tail	180	480	14.80	1.33	100	418	314

Lead Cmt Type: Class C
 Lead Additives: 4% Gel + 5% Salt +0.2% SA-1 + 0.25pps Pol-E Flake + 0.005gps NOFoam V1A
 Tail Cmt Type: Class C
 Tail Additives: 1% calcium chloride + 0.005gps NoFoam V1A

Intermediate Casing Cement

Lead/Tail	TOC (MD)	Bottom of Cmt (MD)	Density (lbs/gal)	Yield (ft ³ /sk)	Excess (%)	Volume (ft ³)	# of Sks Cmt
Int. Lead	0	1,245	12.70	1.53	50	589	385
Int. Tail	1,245	1,745	14.80	1.33	50	235	177

Lead Cmt Type: 40% Class C + 60% POZ
 Lead Additives: 5% Salt + 1% SMS + 2% CS-9 + 0.1% R-1300 + 0.25pps Pol-E Flake + 0.005gps NoFoam V1A
 Tail Cmt Type: Class C
 Tail Additives: 1% calcium chloride + 0.005gps NoFoam V1A

Production Casing Cement

Lead/Tail	TOC (MD)	Bottom of Cmt (MD)	Density (lbs/gal)	Yield (ft ³ /sk)	Excess (%)	Volume (ft ³)	# of Sk Cmt
Prod. Lead	0	7,617	10.70	3.34	15	2,214	663
Prod. Tail	7,617	21,287	13.50	1.54	15	3,972	2,579

Lead Cmt Type: 100% ProLite
Lead Additives: 5pps Plexcrete STE + 2% SMS + 0.1% RKCAS-100 + .85% R-1300 + 0.2% FL-24 + .25pps Pol-E Flake + 0.005gps NoFoam V1A
Tail Cmt Type: 50% Class H + 50% B POZ
Tail Additives: 6% Gell + 5% Slat + .2% SMS + .55% FR-5 + .4% FL-24 + 0.005gps NoFoam V1A

* Operator reserves the right to change cement designs as hole conditions may warrant

6.0 Proposed Mud Program

Interval	Top (MD)	Bottom (MD)	Type	Max. Mud Weight	Min. Mud Weight	Viscosity (cP)	Formation Fracture Gradient	Fluid Loss
Surface	0	480	FW	9.2	8.4	32-36	0.75	NC
Inter.	480	1,745	FW	8.6	8.4	28-30	0.75	NC
Prod.	1,745	21,287	OBM	9.6	9.2	50-70	0.75	8-10 cc

Mud weight increases at shoe depths are for pressure control. Mud weight increases in the curve and lateral section of the hole are for hole stability, not pressure control. Mud weight assumptions for casing load designs exceed anticipated maximum mud weight for balanced drilling in all hole sections. Expected mud weights in producing formation will be 0.5 to 1.0 lbs/gal greater than formation pressure (i.e. overbalanced drilling).

The mud system will run as a closed loop system with PVT monitoring. All drill cuttings and liquid mud will be hauled to an approved site for disposal or soil farmed upon receiving appropriate approval.

An industry accepted medium will be stored on location in the event that there is a loss of circulation in the well bore.

7.0 Drilling Design Analysis

7.1 Casing Safety Factors

*See separate SF attachment

Interval	Burst Safety Factor	Collapse Safety Factor	Pipe Body Tensile Safety Factor	Joint Tension Safety Factor
Surface	8.06	3.59	23.48	13.98
Inter.	4.51	5.18	10.17	8.98
Prod.	2.94	2.58	3.73	3.88

7.2 Casing Design Assumptions

7.2.1 Surface Casing Design Assumptions

Burst Design Assumptions:

Calculations assume complete evacuation behind pipe.

Collapse Design Assumptions:

Calculations assume complete evacuation behind pipe.

Tension Design Assumptions:

Calculations assume string held in suspension to TVD.

7.2.2 Intermediate Casing Design Assumptions

Burst Design Assumptions:

Calculations assume complete evacuation behind pipe.

Collapse Design Assumptions:

Calculations assume complete evacuation behind pipe.

Tension Design Assumptions:

Calculations assume string held in suspension to TVD.

7.2.3 Production Casing Design Assumptions

Burst Design Assumptions:

Calculations assume complete evacuation behind pipe. Safety factor calculated using offset pressure gradient variance factor of a maximum of 0.22psi/ft.

Collapse Design Assumptions:

Calculations assume complete evacuation behind pipe. Safety factor calculated using offset pressure gradient variance factor of a maximum of 0.22psi/ft.

Tension Design Assumptions:

Calculations assume string held in suspension to TVD.

8.0 Completion Program and Casing Design

Hydraulic fracturing will occur through the production casing. The burst design calculation assumes TOC at 0 ft., therefore, the backside of the production casing is not evacuated. The maximum pumping pressure is 9500 psi with a maximum proppant fluid weight of 9.5 lbs/gal.

Upon request, operator will provide proof of cement bonding by bond log. Operator is responsible for log interpretation and certification prior to frac treatment.

Upon request, operator will provide estimated fracture lengths, flowback storage, volumes of fluids and amount of sand to be used, and number of stages of frac procedure. Furthermore, a report of the annulus pressures before and after each stage of treatment may be requested by the BLM. The report may include chemical additives (other than proprietary), dissolved solids in frac fluid, and depth of perforations.

9.0 Drilling Evaluation Program**Required Testing, Logging, and Coring procedures noted below:**

- * Mud Logging/Gamma Ray/MWD – (MWD on horizontal wells only).
- * Open hole logs (GR/SP/DIL/LDT/CNL/ML) from TD (horizontal well - vertical portion of hole) to the top of the uppermost potential hydrocarbon intervals
- * Open hole logs (GR/SP/DIL) from the top of the uppermost hydrocarbon interval to the base of the surface casing and (GR) log from base of surface casing to surface.
- * Cased hole CBL on production casing.

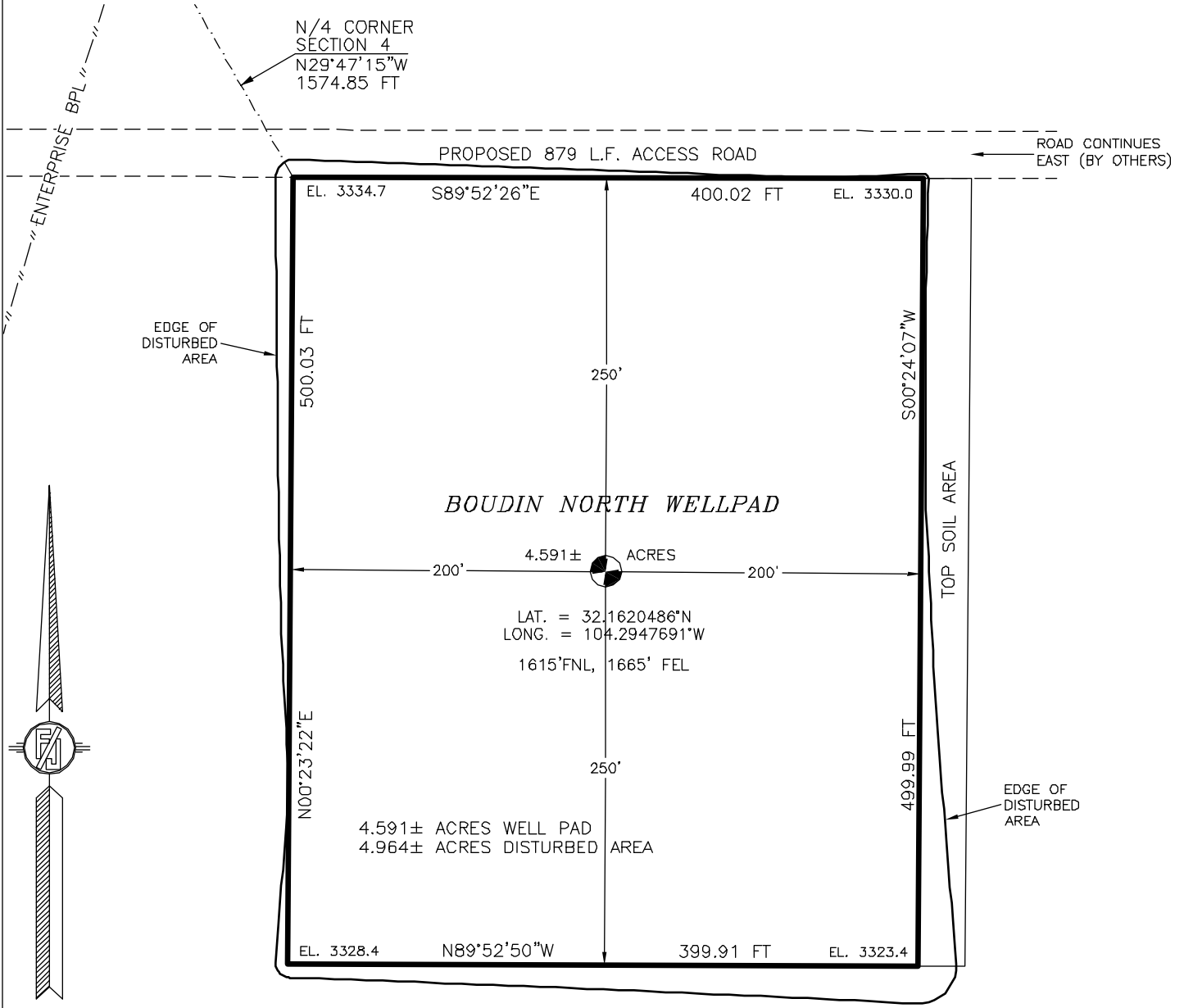
Note: The above referenced logging requirements are mandatory unless:

- 1) The well is located off unit, or
- 2) The operator can provide the BLM adequate geologic information in which they based the location and drilling of the well, or
- 3) The operator can provide the BLM logging data from a well that is within a 1-mile radius from the proposed surface hole location. The logging data can be no more than 30 years old and must be at least to TD of the proposed well.

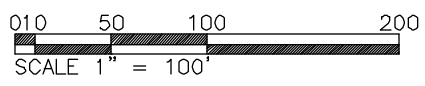
10.0 Downhole Conditions

Zones of Possible Lost Circulation:	N/A	
Zones of Possible Abnormal Pressure:	N/A	
Maximum Bottom Hole Temperature:	180	degrees F
Maximum Bottom Hole Pressure:	4,292	psi
Maximum Anticipated Surface Pressure:	2,401	psi

**BOUDIN NORTH WELLPAD
3R OPERATING, LLC**
 IN THE NE/4 SW/4 NW/4 OF
 SECTION 4, TOWNSHIP 25 SOUTH, RANGE 26 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
 JANUARY 27, 2026



SEE NEXT SHEET (2-7) FOR DESCRIPTION



GENERAL NOTES

- 1.) THE INTENT OF THIS SURVEY IS TO ACQUIRE A BUSINESS LEASE FOR THE PURPOSE OF BUILDING A WELL PAD
 - 2.) BASIS OF BEARING IS NEW MEXICO STATE PLANE EAST ZONE MODIFIED TO THE SURFACE (NAD83), COORDINATES ARE NAD 83, ELEVATIONS ARE NAVD 88
- DRIVING DIRECTIONS:** FROM THE INTERSECTION OF U.S. HWY. 62 AND MEANS ROAD, GO SOUTHEAST AND SOUTH APPROX 1.8 MILES TO A "Y" INTERSECTION, TAKE LEFT FORK (SOUTHEAST) CONTINUE ON MEANS ROAD (CALICHE) AND GO APPROX. 0.2 MILES, TURN LEFT ON CALICHE ROAD END GO EAST APPROX. 0.68 MILES TO A "Y" INTERSECTION, TAKE RIGHT FORK AND CONTINUE SOUTHEAST APPROX. 0.72 MILES TO A "Y" INTERSECTION, TAKE RIGHT FORK AND CONTINUE SOUTHEAST ON CALICHE ROAD APPROX. 0.53 MILES TO A ROAD SURVEY ON LEFT (EAST) FOLLOW ROAD SURVEY EAST APPROX. 450' TO THE NORTHWEST PAD CORNER FOR THIS LOCATION.

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 27th DAY OF JANUARY 2026

FILIMON F. JARAMILLO
 12797
 NEW MEXICO PROFESSIONAL SURVEYOR

MADRON SURVEYING, INC.
 301 SOUTH CANAL
 CARLSBAD, NEW MEXICO 88220
 Phone (575) 234-3327

SURVEY NO. 10361B

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3327

BOUDIN NORTH WELLPAD
 3R OPERATING, LLC
 IN THE NE/4 SW/4 NW/4 OF
 SECTION 4, TOWNSHIP 25 SOUTH, RANGE 26 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
 JANUARY 27, 2026

DESCRIPTION

A CERTAIN PIECE OR PARCEL OF LAND AND REAL ESTATE LYING IN FEE LAND IN THE NE/4 SW/4 NW/4 OF SECTION 4, TOWNSHIP 25 SOUTH, RANGE 26 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

BEGINNING AT THE NORTHWEST CORNER OF THE PARCEL, WHENCE THE NORTH QUARTER CORNER OF SECTION 4, TOWNSHIP 25 SOUTH, RANGE 26 EAST, N.M.P.M. BEARS N29°47'15"W, A DISTANCE OF 1574.85 FEET;

THENCE S89°52'26"E A DISTANCE OF 400.02 FEET TO THE NORTHEAST CORNER OF THE PARCEL;
 THENCE S00°24'07"W A DISTANCE OF 499.99 FEET TO THE SOUTHEAST CORNER OF THE PARCEL;
 THENCE N89°52'50"W A DISTANCE OF 399.91 FEET TO THE SOUTHWEST CORNER OF THE PARCEL;
 THENCE N00°23'22"E A DISTANCE OF 500.03 FEET TO THE NORTHWEST CORNER OF THE PARCEL, THE POINT OF BEGINNING;
 CONTAINING 4.591 ACRES MORE OR LESS.

GENERAL NOTES

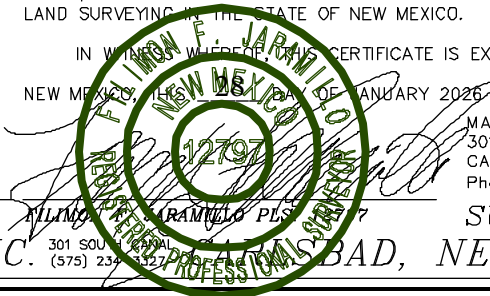
1.) THE INTENT OF THIS SURVEY IS TO ACQUIRE A BUSINESS LEASE FOR THE PURPOSE OF BUILDING A WELL PAD

2.) BASIS OF BEARING IS NEW MEXICO STATE PLANE EAST ZONE MODIFIED TO THE SURFACE (NAD83), COORDINATES ARE NAD 83, ELEVATIONS ARE NAVD 88

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 27th DAY OF JANUARY 2026



MADRON SURVEYING, INC.
 301 SOUTH CANAL
 CARLSBAD, NEW MEXICO 88220
 Phone (575) 234-3327

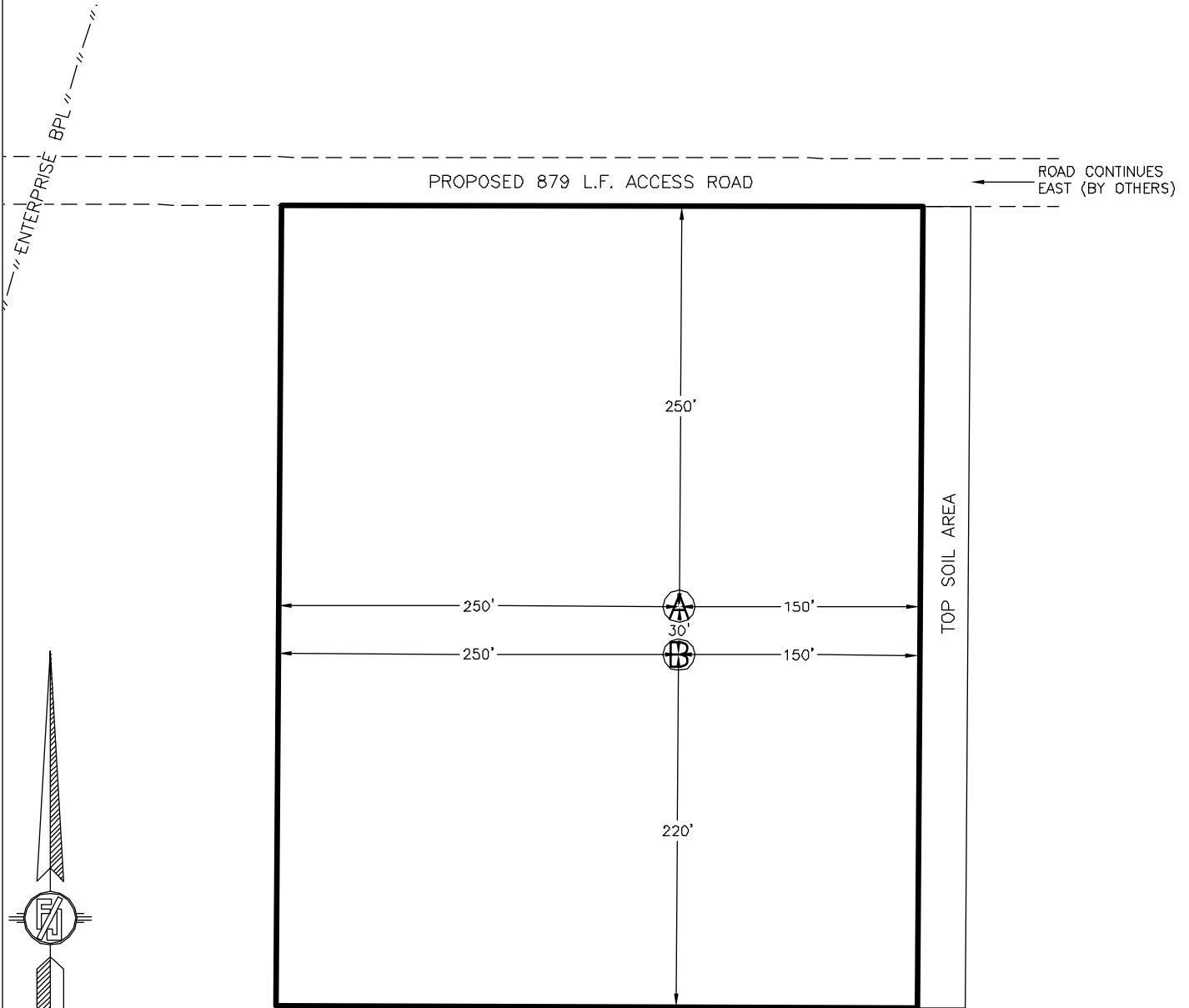
SURVEY NO. 10361B

SHEET: 2-7

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3327

BOUDIN NORTH WELLPAD
 3R OPERATING, LLC
 IN THE NE/4 SW/4 NW/4 OF
 SECTION 4, TOWNSHIP 25 SOUTH, RANGE 26 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
 JANUARY 27, 2026

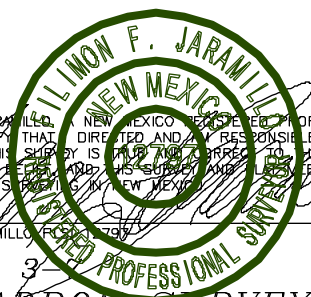
SITE MAP



Ⓐ BOUDIN 4 2
 FED COM 701H Ⓑ BOUDIN 4 2
 FED COM 702H

I, FILIMON F. JARAMILLO, a duly licensed and registered professional surveyor in the State of New Mexico, do hereby certify that I directed and am responsible for this survey, that this survey is true and correct to the best of my knowledge and belief, and that this survey meets the minimum standards for surveys in New Mexico.

FILIMON F. JARAMILLO, P.S.



0 10 50 100 200
 SCALE 1" = 100'

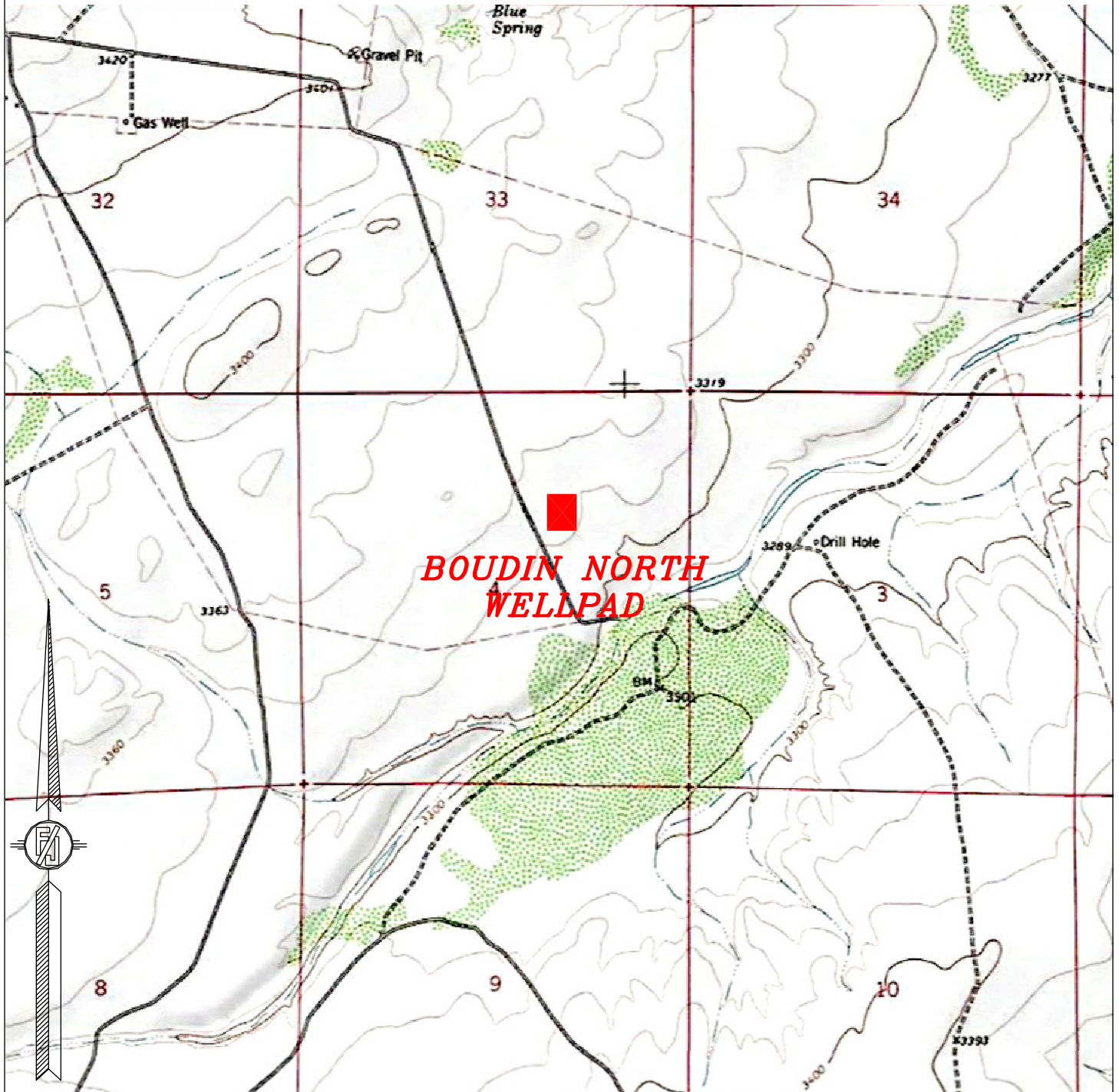
SHEET: 3

SURVEY NO. 10361B

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
 (575) 234-3327

BOUDIN NORTH WELLPAD
 3R OPERATING, LLC
 IN THE NE/4 SW/4 NW/4 OF
 SECTION 4, TOWNSHIP 25 SOUTH, RANGE 26 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
 JANUARY 27, 2026

LOCATION VERIFICATION MAP



USGS QUAD MAP:
BLAKC RIVER VILLAGE

NOT TO SCALE

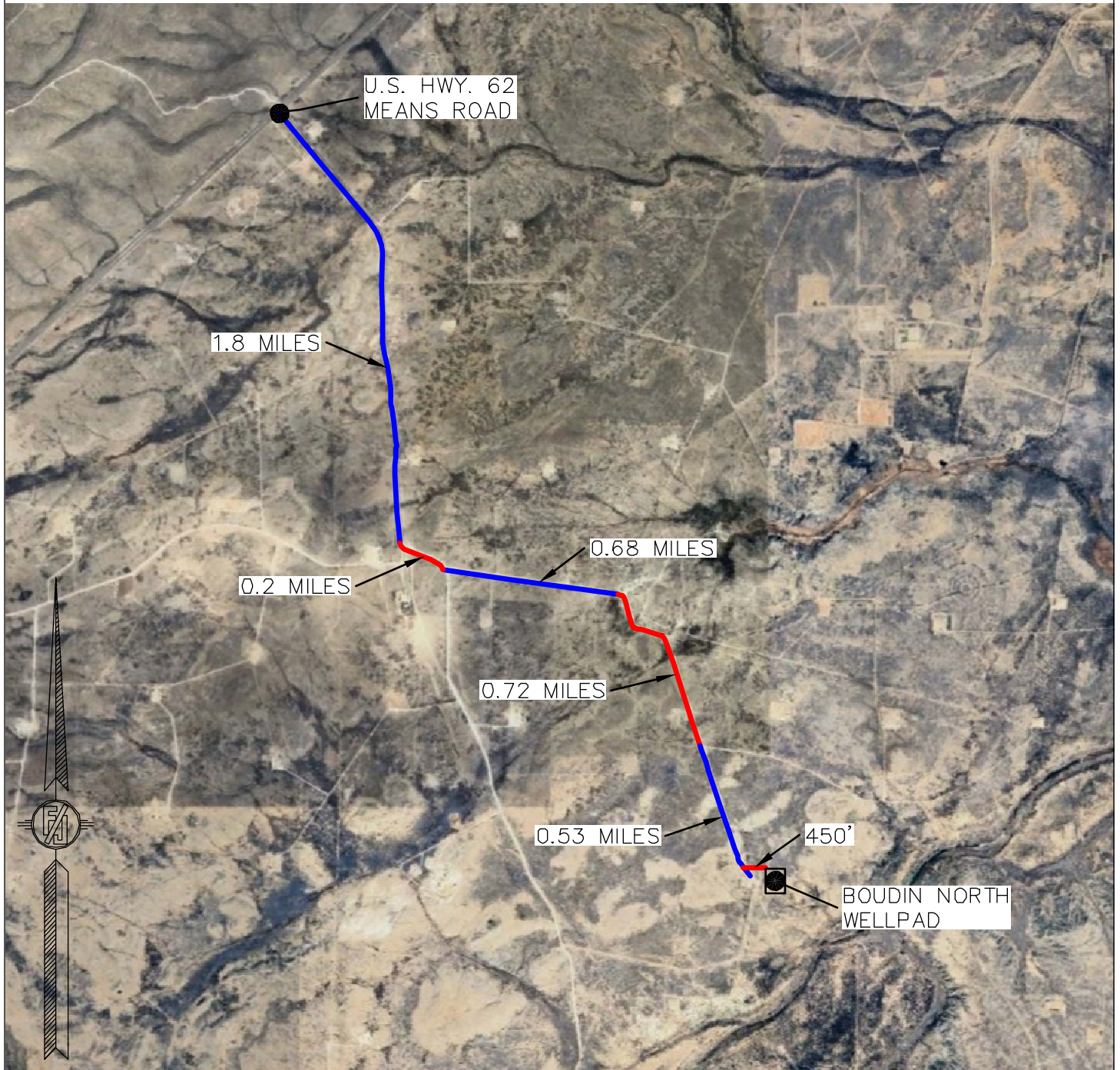
SHEET: 4-7

SURVEY NO. 10361B

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3327

BOUDIN NORTH WELLPAD
 3R OPERATING, LLC
 IN THE NE/4 SW/4 NW/4 OF
 SECTION 4, TOWNSHIP 25 SOUTH, RANGE 26 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
 JANUARY 27, 2026

AERIAL ACCESS ROUTE MAP



NOT TO SCALE
 AERIAL PHOTO:
 GOOGLE EARTH

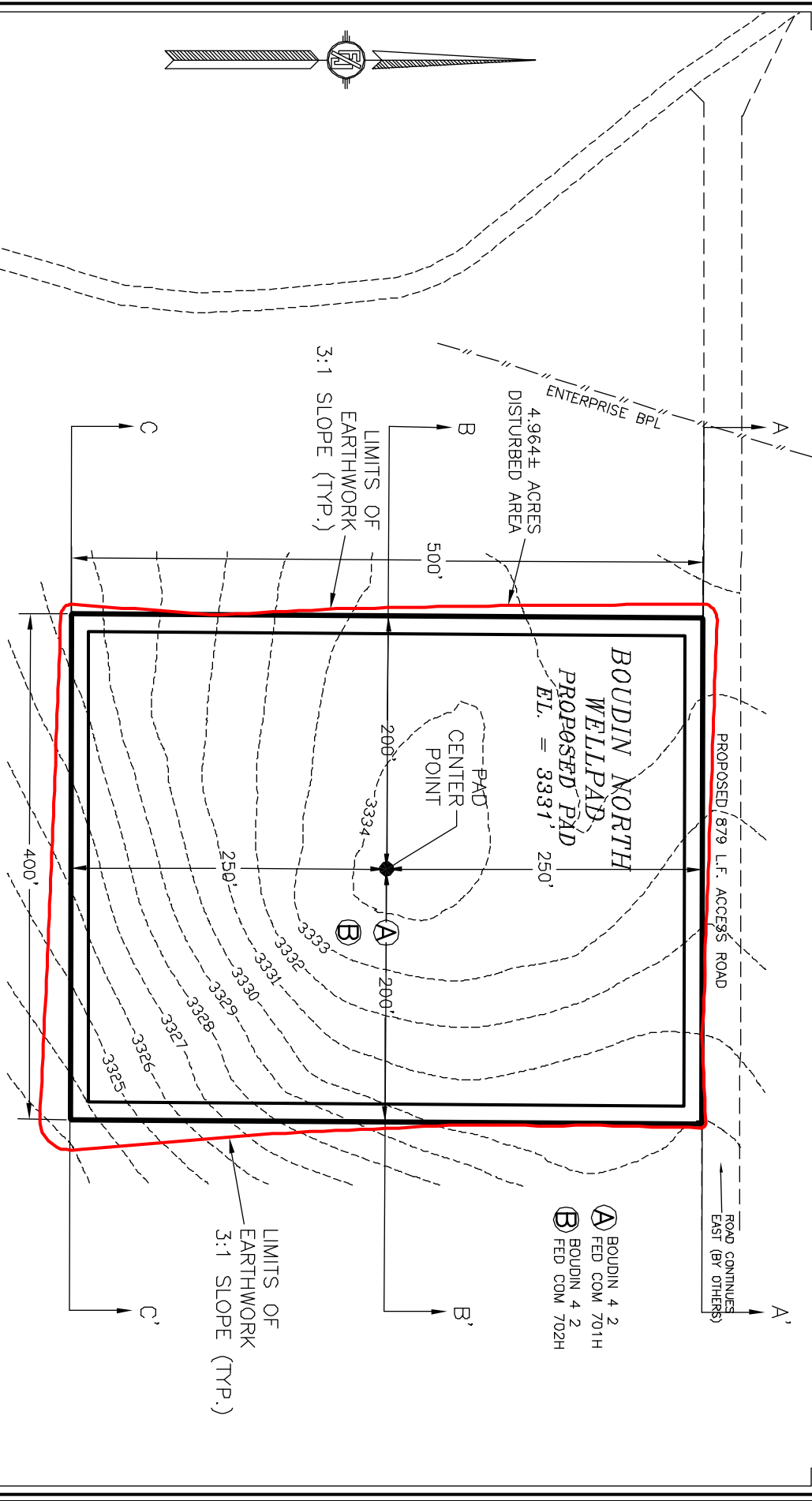
DRIVING DIRECTIONS: FROM THE INTERSECTION OF U.S. HWY. 62 AND MEANS ROAD, GO SOUTHEAST AND SOUTH APPROX 1.8 MILES TO A "Y" INTERSECTION, TAKE LEFT FORK (SOUTHEAST) CONTINUE ON MEANS ROAD (CALICHE) AND GO APPROX. 0.2 MILES, TURN LEFT ON CALICHE ROAD END GO EAST APPROX. 0.68 MILES TO A "Y" INTERSECTION, TAKE RIGHT FORK AND CONTINUE SOUTHEAST APPROX. 0.72 MILES TO A "Y" INTERSECTION, TAKE RIGHT FORK AND CONTINUE SOUTHEAST ON CALICHE ROAD APPROX. 0.53 MILES TO A ROAD SURVEY ON LEFT (EAST) FOLLOW ROAD SURVEY EAST APPROX. 450' TO THE NORTHWEST PAD CORNER FOR THIS LOCATION.

SHEET: 5-7

SURVEY NO. 10361B

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
 (575) 234-3327

PLAN VIEW



- Ⓐ BOUDIN 4 2
FED COM 701H
- Ⓑ BOUDIN 4 2
FED COM 702H

I, FILMON F. JARAMA, NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I HAVE PERSONALLY AND RESPONSIBLY CONDUCTED THIS SURVEY, THAT I AM A LICENSED SURVEYOR AND THAT THIS SURVEY AND PLAN MEET THE MINIMUM STANDARDS FOR THE STATE OF NEW MEXICO.



3R OPERATING, LLC
 PAD ELEVATIONS AND CROSS SECTIONS
 FOR BOUDIN NORTH WELLPAD
 SECTION 4, TOWNSHIP 26 SOUTH,
 RANGE 36 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO

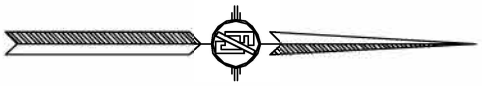
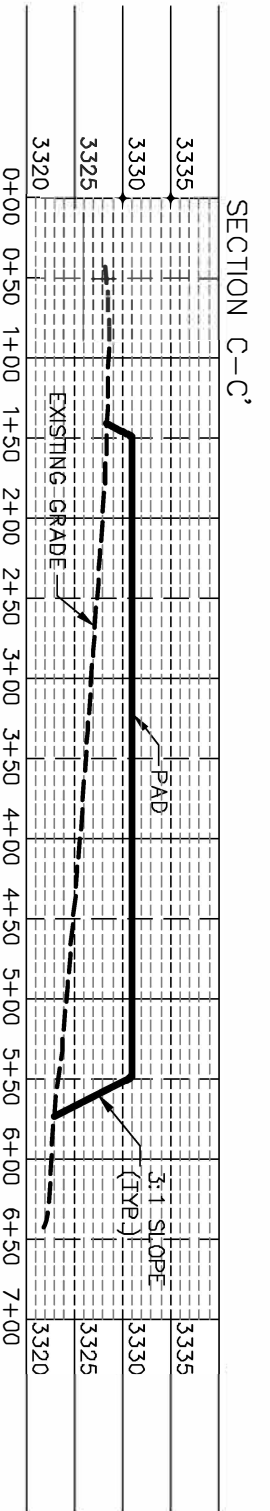
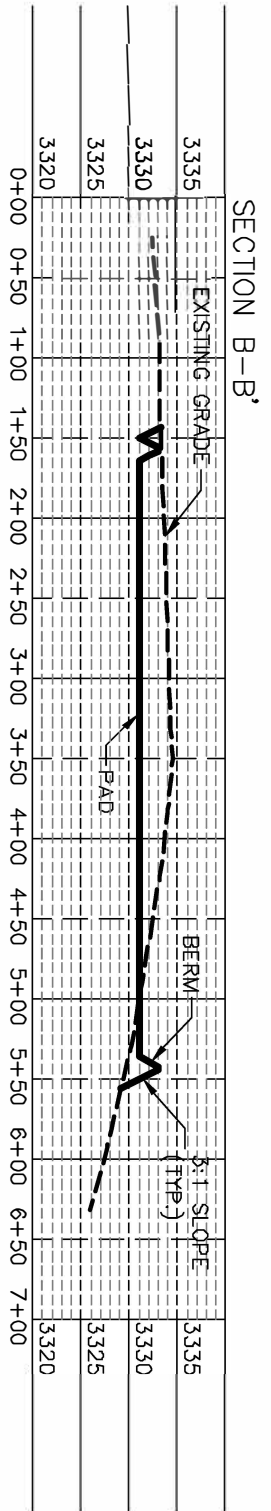
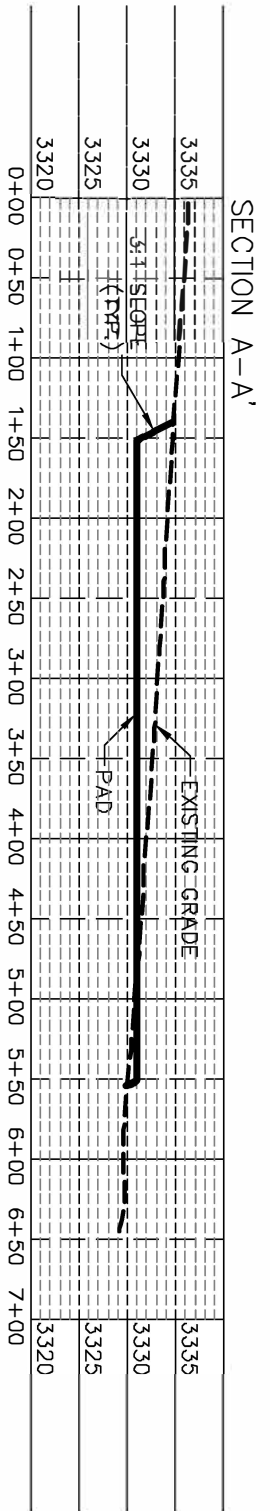
SCALE 1" = 120'

CUT	FILL	NET
3995 CU. YD	7624 CU. YD	2371 CU. YD (CUT)

EARTHWORK QUANTITIES ARE ESTIMATED

JANUARY 27, 2026
 301 SOUTH CANAL CARLSBAD, NEW MEXICO SURVEY NO. 10361B
 SHEET 6-7

CROSS-SECTIONS



I, FILMON F. JARAMA, NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFICATE NO. 12297, HEREBY CERTIFY THAT THIS SURVEY, THE PLAN AND ELEVATIONS THEREON, AND THE BEST OF MY KNOWLEDGE AND BELIEF, MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



3R OPERATING, LLC
PAD ELEVATIONS AND CROSS SECTIONS
FOR BOUDIN NORTH WELLPAD
 SECTION 4, TOWNSHIP 25 SOUTH,
 RANGE 36 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO

0/2 60 120 240

SCALE 1" = 120' - 1" = 20' VER

CUT	FILL	NET
9995 CU. YD	7624 CU. YD	2371 CU. YD (CUT)

EARTHWORK QUANTITIES ARE ESTIMATED

FILMON F. JARAMA, REGISTERED PROFESSIONAL SURVEYOR, NO. 12297, STATE OF NEW MEXICO

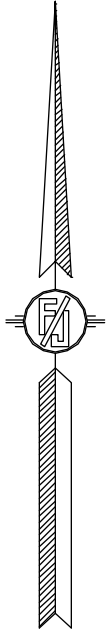
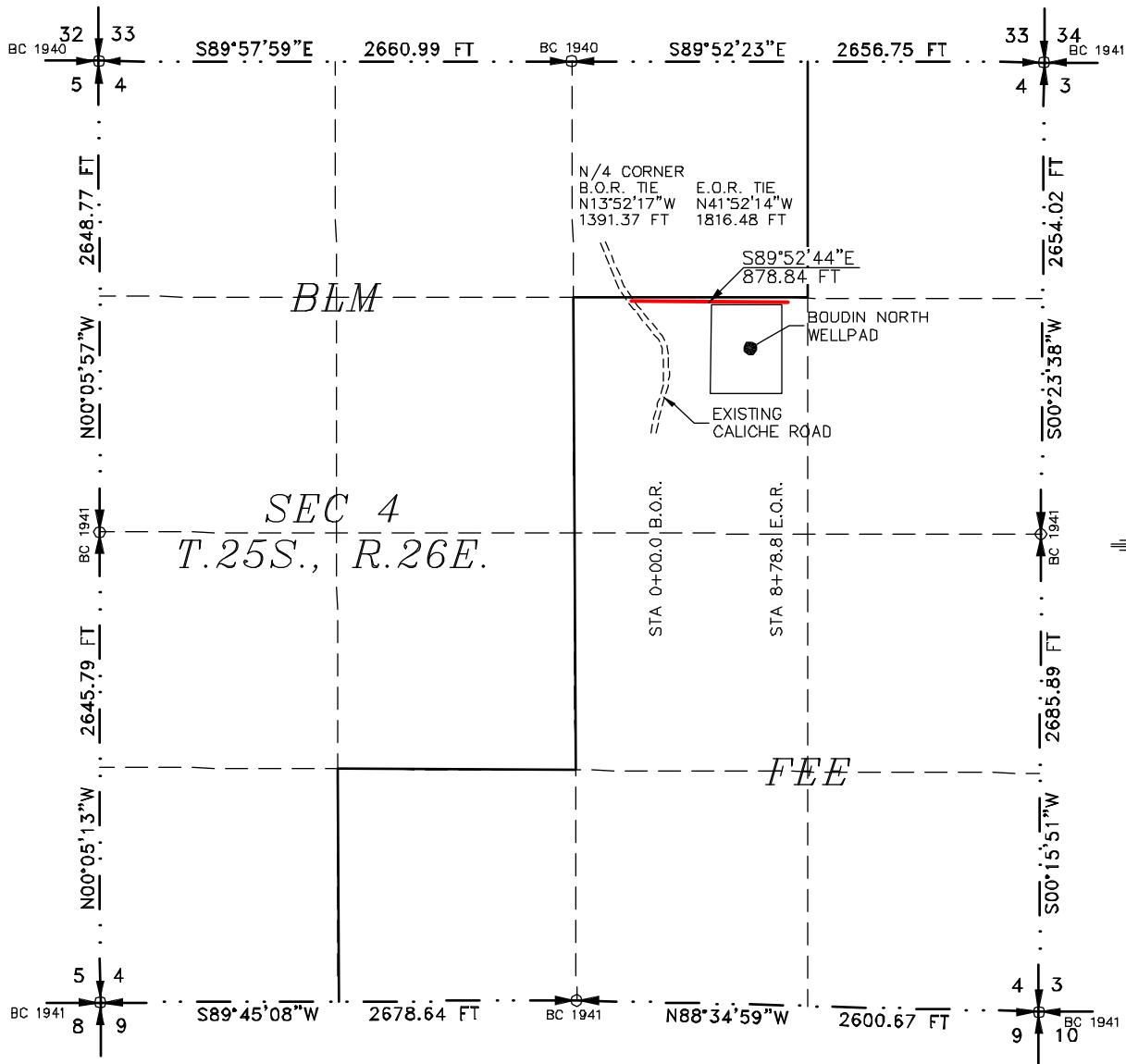
3R OPERATING, LLC
 301 SOUTH CANAL, CARLSBAD, NEW MEXICO
 (575) 234-5327

JANUARY 27, 2026

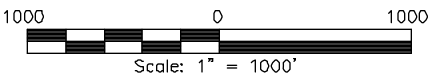
SHEET 7-7
 SURVEY NO. 10361B

ACCESS ROAD PLAT
ACCESS ROAD FOR BOUDIN NORTH WELLPAD

3R OPERATING, LLC
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 4, TOWNSHIP 25 SOUTH, RANGE 26 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
JANUARY 27, 2026



SEE NEXT SHEET (X-2) FOR DESCRIPTION



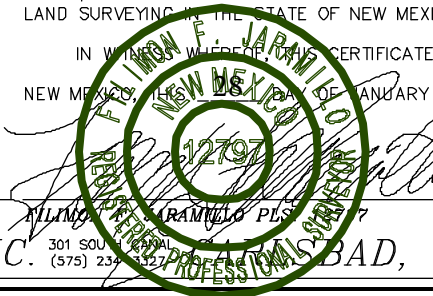
GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, ON 27 JANUARY 2026



MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3327

SURVEY NO. 10361B

SHEET: 1-2

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3327

ACCESS ROAD PLAT
ACCESS ROAD FOR BOUDIN NORTH WELLPAD

3R OPERATING, LLC
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 4, TOWNSHIP 25 SOUTH, RANGE 26 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
JANUARY 27, 2026

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING FEE LAND IN SECTION 4, TOWNSHIP 25 SOUTH, RANGE 26 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SW/4 NE/4 OF SAID SECTION 4, TOWNSHIP 25 SOUTH, RANGE 26 EAST, N.M.P.M., WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 4, TOWNSHIP 25 SOUTH, RANGE 26 EAST, N.M.P.M. BEARS N13°52'17"W, A DISTANCE OF 1391.37 FEET;
THENCE S89°52'44"E A DISTANCE OF 878.84 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 4, TOWNSHIP 25 SOUTH, RANGE 26 EAST, N.M.P.M. BEARS N41°52'14"W, A DISTANCE OF 1816.48 FEET;

SAID STRIP OF LAND BEING 878.84 FEET OR 53.26 RODS IN LENGTH, CONTAINING 0.605 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 NE/4 878.84 L.F. 53.26 RODS 0.605 ACRES

GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, ON 27 JANUARY 2026



MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3327

SURVEY NO. 10361B

SHEET: 2-2

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3327

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

BOUDIN 4 2 FED COM 702H
EL. = 3333.7

GEODETTIC COORDINATES

NAD 83 NMSP EAST
SURFACE LOCATION
1645' FNL, 1615' FEL
N.=422660.38
E.=553320.52
LAT.=32.1619657°N
LONG.=104.2946087°W

KICK OFF POINT
1980' FNL, 2410' FEL
N.=422327.27
E.=552523.47
LAT.=32.1610507°N
LONG.=104.2971848°W

FIRST TAKE POINT
1980' FNL, 2310' FEL
N.=422327.05
E.=552623.44
LAT.=32.1610500°N
LONG.=104.2968618°W

LAST TAKE POINT
1980' FNL, 330' FEL
N.=422305.84
E.=565192.97
LAT.=32.1609735°N
LONG.=104.2562423°W

BOTTOM OF HOLE
1980' FNL, 330' FEL
N.=422305.84
E.=565192.97
LAT.=32.1609735°N
LONG.=104.2562423°W

PPP2
1978' FNL, 2641' FWL
N.=422318.70
E.=557573.71
LAT.=32.1610215°N
LONG.=104.2808645°W

PPP3
1978' FNL, 1315' FEL
N.=422316.48
E.=558887.96
LAT.=32.1610135°N
LONG.=104.2766174°W

PPP4
1979' FNL, 0' FEL
N.=422314.26
E.=560203.31
LAT.=32.1610054°N
LONG.=104.2723668°W

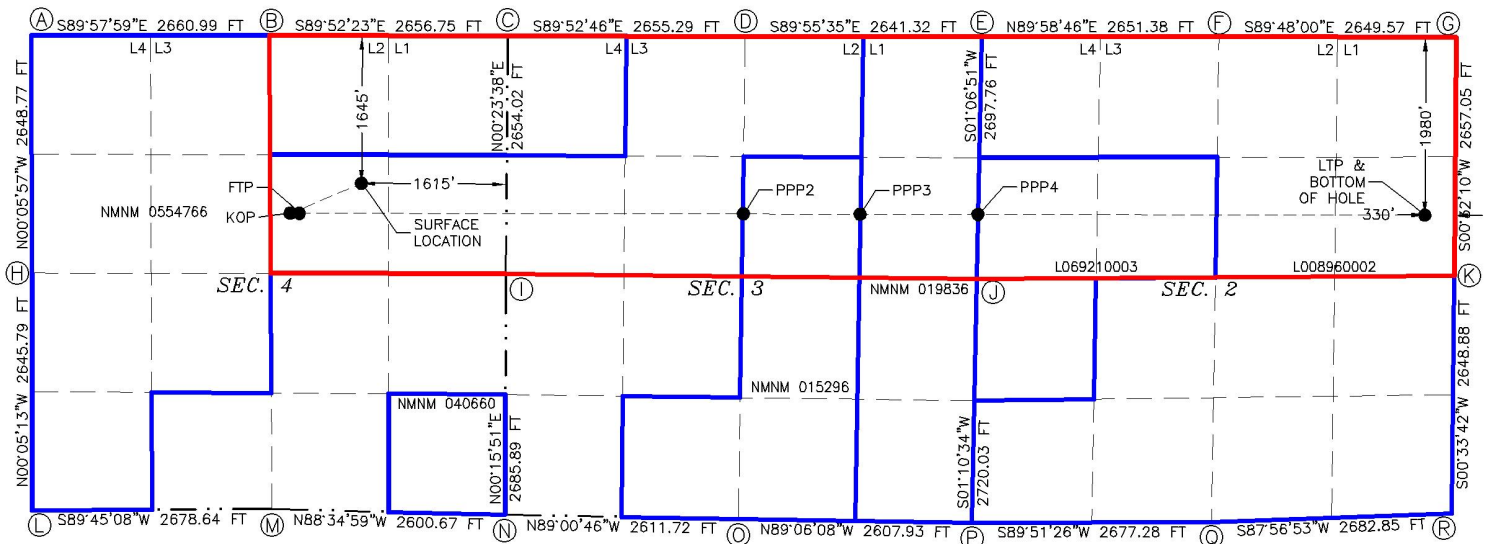
PPP5
1984' FNL, 2659' FWL
N.=422309.77
E.=562862.30
LAT.=32.1609887°N
LONG.=104.2637740°W

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

A	N.=424308.86	E.=549630.09
B	N.=424307.30	E.=552290.42
C	N.=424301.41	E.=554946.51
D	N.=424295.83	E.=557601.13
E	N.=424292.44	E.=560241.79
F	N.=424293.38	E.=562892.51
G	N.=424284.14	E.=565541.41
H	N.=421660.76	E.=549634.68
I	N.=421648.11	E.=554928.26
J	N.=421595.85	E.=560189.34
K	N.=421627.87	E.=565516.56
L	N.=419015.63	E.=549638.69
M	N.=419027.21	E.=552316.64
N	N.=418962.92	E.=554915.87
O	N.=418917.93	E.=557526.56
P	N.=418877.08	E.=560133.52
Q	N.=418883.74	E.=562810.12
R	N.=418979.78	E.=565490.59

LEGEND

- SECTION LINE
- - - QUARTER LINE
- LEASE LINE
- - - - - WELL PATH



Sundry ID: 2893354

3R Operating, LLC

BOUDIN 4 2 FED COM 702H

SHL REVISION

APD ID: 10400102558

3R Operating requests to revise the Surface Hole Location as follows:

Point	From (Old)	To (New)
SHL	1570' FNL & 1595' FEL (SW/4-NE/4) 32.1621719, -104.2945423 Section 4-25S-26E NMPM, Eddy County, NM Fee Surface	1645' FNL & 1615' FEL (SW/4-NE/4) 32.1619657, -104.2946087 Section 4-25S-26E NMPM, Eddy County, NM Fee Surface

This sundry notice revises the Surface Hole Location of the BOUDIN 4 2 FED COM 702H AAPD (10400102558). No additional surface disturbance is associated with this revision. The lateral wellbore and drilling operations for this well will remain the same as the original AAPD. Please see attachments for more detailed information.

Please see the following related Sundry Notices:

Sundry ID: **2893334** – Revises SHL location of the BOUDIN 4 2 FED COM 701H.

Additional attachments to this sundry:

1. Revised C-102 Plat
2. Revised Well Pad Plats
3. Drilling Plan (revised SHL)
4. Directional Survey

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

CONDITIONS

Action 557590

CONDITIONS

Operator: 3R Operating, LLC 20405 State Highway 249 Houston, TX 77070	OGRID: 331569
	Action Number: 557590
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	3/23/2026