

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Melanie A. Kenderdine
Deputy Secretary – Designate

Ben Shelton
Deputy Secretary (Acting)

Gerasimos “Gerry” Razatos
Division Director (Acting)
Oil Conservation Division



Dakota Nahm
dakota@lario.net

Administrative Order NSP – 2245

ADMINISTRATIVE NON-STANDARD HORIZONTAL SPACING UNIT

Lario Oil & Gas Co. [OGRID 13089]

Close Encounters State Com Well No. 101H [30-025-52808]
Close Encounters State Com Well No. 102H [30-025-52809]
Close Encounters State Com Well No. 103H [30-025-52810]
Close Encounters State Com Well No. 104H [30-025-52811]
Close Encounters State Com Well No. 301H [30-025-52945]
Close Encounters State Com Well No. 302H [30-025-52946]
Close Encounters State Com Well No. 303H [30-025-52947]
Close Encounters State Com Well No. 304H [30-025-52948]
All of Section 13 & S/2 Section 12, T18S R34E, Lea County, N.M.

Reference is made to your application received on December 19th, 2024.

You have requested approval of a non-standard horizontal spacing unit to be included in your proposed horizontal spacing unit, as follows:

Proposed Horizontal Spacing Unit:

Description	Acres	Pool	Pool Code
All of SEC 13	960	Wildcat; Bone Spring	97930
S/2 of SEC 12			

NSP - 2245
Lario Oil and Gas Co.
Page 2 of 2

You have requested an exception pursuant to Rule 19.15.16.15(A)(3) NMAC, to approve a non-standard horizontal spacing unit consisting of the entire area described above as the horizontal spacing unit. The proposed horizontal spacing unit does not consist of a quarter - quarter section or equivalent in both sections, as required by Rule 19.15.16.15(B)(1)(C) NMAC.

We understand that you are seeking this exception for an allowance to create a non-standard horizontal spacing unit, comprised of the Proposed Horizontal Spacing Unit referenced above within Lea County, New Mexico.

The Division understands you have given notice of this application to all operators or owners who are "affected persons," as defined in Paragraph (8) Subsection A of 19.15.2.7 NMAC, in all adjoining units which are being excluded.

You have requested this non-standard horizontal spacing unit to maximize efficiency and reduce surface disturbance. This approval will prevent waste within the proposed HSU of Section 13 and the S/2 of Section 12 underlying the Bone Spring formation.

Pursuant to the authority conferred by Division Rule 19.15.16.15(B)(5) NMAC, the above-described **non-standard horizontal spacing unit is hereby approved**. Further, the Applicant may add additional wells to the horizontal spacing unit. The additional well(s) shall be designated to the same horizontal spacing unit and pool/formation. Submit a Change of Plans to the OCD's permitting website. Once submitted, email the Action ID number to the following e-mail address: ocd.engineer@emnrd.nm.gov of notice for additional wells.

General Provisions

The above approvals are subject to your being in compliance with all other applicable Division rules, including, but not limited to Division Rule 19.15.5.9 NMAC.

Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.



Gerasimos Razatos
Division Director (Acting)
GR/lrl

Date: 2/17/2025

NSP - 2245

Revised March 23, 2017

ID NO. 414163

RECEIVED: 12/19/24	REVIEWER:	TYPE:	APP NO: pLEL2435860639
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Lario Oil & Gas Co.**OGRID Number:** 13089**Well Name:** Close Encounters State Com Wells**API:** 8 Wells (30-025) Pending Wells**Pool:** WC-025 G-06; S183518A; Bone Spring**Pool Code:** 97930

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL☐ NSP (PROJECT AREA)☒ NSP (PRORATION UNIT)☐ SD

B. Check one only for [I] or [II]

[I] Commingling – Storage – Measurement

☐ DHC☐ CTB☐ PLC☐ PC☐ OLS☐ OLM

[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX☐ PMX☐ SWD☐ IPI☐ EOR☐ PPR**2) NOTIFICATION REQUIRED TO:** Check those which apply.A. ☒ Offset operators or lease holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☒ Notification and/or concurrent approval by SLOE. ☐ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☐ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐

Notice Complete

☐Application
Content
Complete

3) CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Dakota Nahm

Print or Type Name

Dec. 19, 2024

Date

720-573-9816

Phone Number

dakota@lario.net

e-mail Address

Signature

LARIO OIL & GAS COMPANY

MAILING ADDRESS:
POST OFFICE BOX 29
DENVER, COLORADO 80201-0029



260 N JOSEPHINE, SUITE 400
DENVER, COLORADO 80206
(303) 595-8030
FAX (303) 595-4849

December 19, 2024

VIA ONLINE FILING

New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
Attn: Mr. Leonard Lowe
Engineering Bureau

Re: Application of Lario Oil and Gas Co. for Administrative Approval of a 960-Acre Non-Standard Horizontal Spacing Unit in the WC-025 G-06; S183518A; Bone Spring (Pool Code: 97930)

Dear Mr. Lowe,

Pursuant to 19.15.16.15(B)(5) NMAC, Lario Oil and Gas Co. (ORRID No. 13089) seeks administrative approval of a non-standard 960-acre horizontal spacing unit comprising All of Section 13 and the S/2 of Section 12, Township 18 South, Range 34 East, NMPM, Lea County, New Mexico. This proposed spacing unit will include the development of the following wells:

Close Encounters State Com #101H (API No. 30-025-52808)
Close Encounters State Com #102H (API No. 30-025-52809)
Close Encounters State Com #103H (API No. 30-025-52810)
Close Encounters State Com #104H (API No. 30-025-52811)
Close Encounters State Com #301H (API No. 30-025-52945)
Close Encounters State Com #302H (API No. 30-025-52946)
Close Encounters State Com #303H (API No. 30-025-52947)
Close Encounters State Com #304H (API No. 30-025-52948)

The Division has placed all wells in the WC-025 G-06 S183518A; Bone Spring (Pool Code: 97930), and the acreage in the non-standard spacing unit will be consolidated under a single Communitization Agreement.

Lario requests approval for this non-standard unit to enable efficient surface facility placement, reduced surface disturbance, and the consolidation of roads, tanks, and pipelines. These measures support effective well spacing, conservation, and waste prevention, while minimizing environmental impacts such as emissions from multiple tank batteries. The Division's rules encourage such developments to maximize efficiency and reduce surface disturbance in areas of common ownership.

The following exhibits are attached to this application:

- Exhibit A: Map of the proposed non-standard spacing unit and subject leases
- Exhibit B: Well Location and Acreage Dedication Plat (C-102) for each well in the unit.
- Exhibit C: Lease map showing notice tracts for the spacing unit.
- Exhibit D: Gunbarrel Diagram showing the Bone Spring target for the wells.
- Exhibit E: Spreadsheet of all affected parties in the offset acreage, including tracking information verifying certified mail delivery of this application and attachments. A copy of this application has also been provided to the State Land Office as state lands are involved.

Thank you for considering this application. If you have any questions or need additional information, please don't hesitate to email me at dakota@lario.net or call me at (720) 573-9816.

Sincerely,

LARIO OIL & GAS CO.

Dakota Nahm

Dakota Nahm
Landman

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div> Submittal Type: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> </div>
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WELL LOCATION INFORMATION

API Number 30-025-52808	Pool Code 97930	Pool Name WC-025 G-06; S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 101H
OGRID No. 13089	Operator Name LARIO OIL & GAS COMPANY	Ground Level Elevation 3977' GL
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		245' FSL	1961' FWL	32.7412351	-103.51604	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	12	18S	34E		2545' FSL	880' FWL	32.762075	-103.51959	LEA

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-23301			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	13	18S	34E		100' FSL	880' FWL	32.740821	-103.51955	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	13	18S	34E		600' FSL	880' FWL	32.742195	-103.51955	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	12	18S	34E		2495' FSL	880' FWL	32.761938	-103.51959	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3977' GL
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OPERATOR CERTIFICATIONS <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> <hr/> Signature _____ Date _____ Ryan Bruner <hr/> Printed Name ryanb@lario.net <hr/> Email Address	SURVEYOR CERTIFICATIONS <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> <hr/> Signature and Seal of Professional Surveyor _____ <div> <div>Certificate Number _____</div> <div>Date of Survey _____</div> </div>
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Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.

SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=792633 Y=634362
LAT.: N 32.7412351
LONG.: W 103.5160388
245' FSL 1961' FWL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=791554 Y=634204
LAT.: N 32.7408212
LONG.: W 103.5195539
100' FSL 880' FWL

FIRST TAKE POINT (FTP)
NEW MEXICO EAST
NAD 1983
X=791549 Y=634703
LAT.: N 32.7421954
LONG.: W 103.5195558
600' FSL 880' FWL

LAST TAKE POINT (LTP)
NEW MEXICO EAST
NAD 1983
X=791483 Y=641886
LAT.: N 32.7619376
LONG.: W 103.5195902
2495' FSL 880' FWL

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=791483 Y=641936
LAT.: N 32.7620750
LONG.: W 103.5195904
2545' FSL 880' FWL

OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

SURVEYORS CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Special Notes:
ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM OF 1983 EAST.
CONVERGENCE ANGLE IS SHOWN TO BE N+00.44194" W

EFFECTIVE LATERAL

SEC.	TH	FWL
SEC. 13	(SW4/SW4)	720.78'
SEC. 13	(NW4/SW4)	1320.79'
SEC. 13	(SW4/NW4)	1323.04'
SEC. 13	(NW4/NW4)	1323.04'
SEC. 12	(SW4/SW4)	1322.65'
SEC. 12	(SW4/SW4)	1172.65'
FTP-LTP		7182.95'

Grid Convergence: N +00.44194" W

Not To Scale

Signature _____ Date _____

Print Name _____

E-mail Address _____

[illegible]

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 52808		Pool Code 97930		WC-025 G-06 S183518A; BONE SPRING		Pool Name			
Property Code		Property Name CLOSE ENCOUNTERS STATE COM				Well Number 101H			
OGRID No. 13089		Operator Name LARIO OIL & GAS				Elevation 3977'			
Surface Location									
UL or lot no. N	Section 13	Township 18-S	Range 34-E	Lot Idn -	Feet from the 245'	North/South line SOUTH	Feet from the 1961'	East/West line WEST	County LEA
Bottom Hole Location If Different From Surface									
UL or lot no. L	Section 12	Township 18-S	Range 34-E	Lot Idn -	Feet from the 2545'	North/South line SOUTH	Feet from the 880'	East/West line WEST	County LEA
Dedicated Acres 960.00		Joint or Infill		Consolidated Code C		Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=792633 Y=634362
LAT.: N 32.7412351
LONG.: W 103.5160388
245' FSL 1961' FWL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=791554 Y=634204
LAT.: N 32.7408212
LONG.: W 103.5195539
100' FSL 880' FWL

FIRST TAKE POINT (FTP)
NEW MEXICO EAST
NAD 1983
X=791549 Y=634703
LAT.: N 32.7421954
LONG.: W 103.5195558
600' FSL 880' FWL

LAST TAKE POINT (LTP)
NEW MEXICO EAST
NAD 1983
X=791483 Y=641886
LAT.: N 32.7619376
LONG.: W 103.5195902
2495' FSL 880' FWL

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=791483 Y=641936
LAT.: N 32.7620750
LONG.: W 103.5195904
2545' FSL 880' FWL

OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Brian Wood
Signature
Date
4-1-24
BRIAN WOOD
Print Name
brian@permitswest.com
E-mail Address
505 466-8120

EFFECTIVE LATERAL

SEC. 13 (SW4/SW4)	720.78'
SEC. 13 (NW4/SW4)	1320.79'
SEC. 13 (SW4/NW4)	1323.04'
SEC. 13 (NW4/NW4)	1323.04'
SEC. 12 (SW4/SW4)	1322.65'
SEC. 12 (SW4/SW4)	1172.65'
FTP-LTP	7182.95'

Special Notes:
ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM OF 1983 EAST.
CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W

SURVEYORS CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
01/20/2024
Date of Survey
Signature and Seal of Professional Surveyor:
Ramon Dominguez
24508
PROFESSIONAL SURVEYOR
03/07/2024

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div> Submittal Type: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> </div>
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WELL LOCATION INFORMATION

API Number 30-025-52809	Pool Code 97930	Pool Name WC-025 G-06; S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 102H
OGRID No. 13089	Operator Name LARIO OIL & GAS COMPANY	Ground Level Elevation 3977' GL
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		270' FSL	1961' FWL	32.741304	-103.51604	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
K	12	18S	34E		2546' FSL	2147' FWL	32.762101	-103.51547	LEA

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-23301			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		100' FSL	2147' FWL	32.740838	-103.51544	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		600' FSL	2147' FWL	32.742213	-103.515434	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
K	12	18S	34E		2496' FSL	2147' FWL	32.761934	-103.515469	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3977' GL
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

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

Signature

Date

Ryan Bruner

Printed Name

ryanb@lario.net

Email Address

SURVEYOR CERTIFICATIONS

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.

Signature and Seal of Professional Surveyor

Certificate Number

Date of Survey

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.

NEW MEXICO EAST
NAD 1983
X=792633 Y=634387
LAT.: N 32.7413038
LONG.: W 103.5160392
270' FSL 1961' FWL

NEW MEXICO EAST
NAD 1983
X=792820 Y=634219
LAT.: N 32.7408382
LONG.: W 103.5154335
100' FSI 2147' FWI

NEW MEXICO EAST
NAD 1983
X=792816 Y=634719
LAT.: N 32.7422125
LONG.: W 103.5154353
600' FSL 2147' FWL

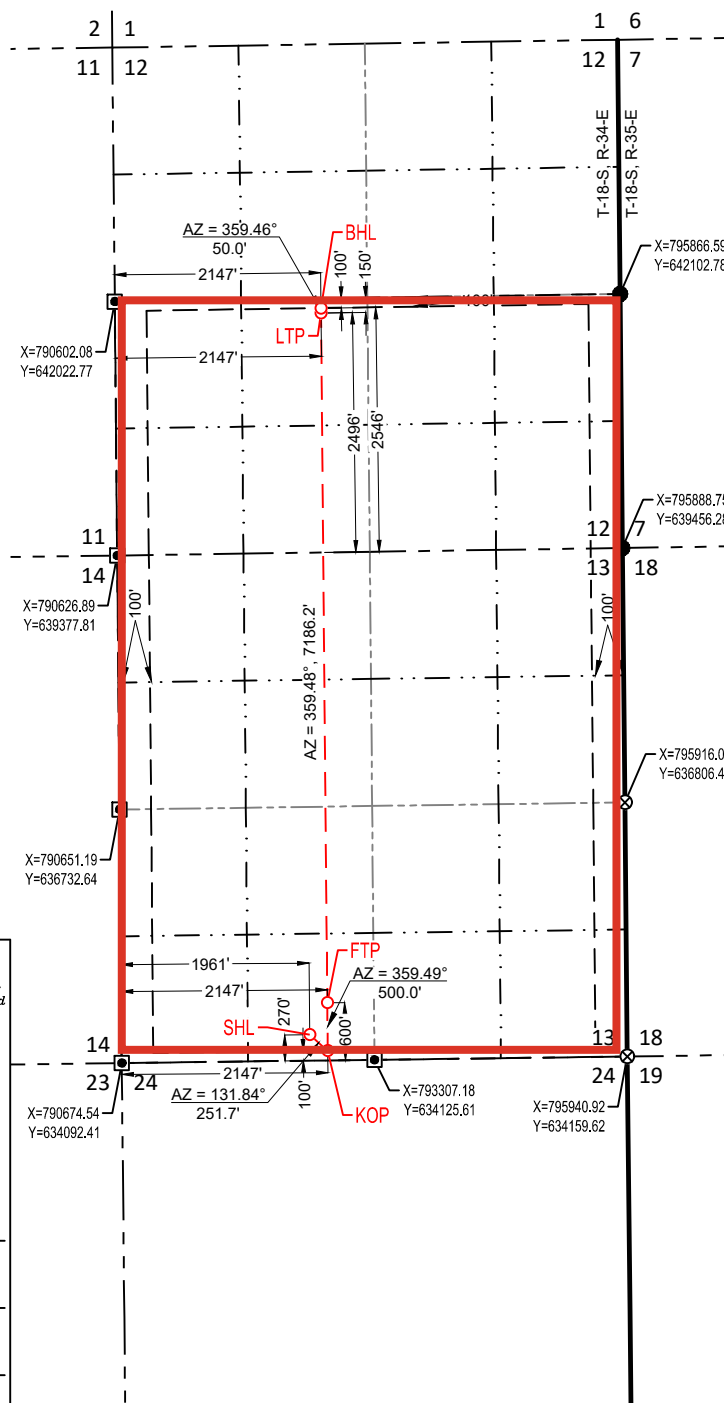
NEW MEXICO EAST
NAD 1983
X=792750 Y=641905
LAT.: N 32.7619637
LONG.: W 103.5154688
2496' FSL 2147' FWL

NEW MEXICO EAST
NAD 1983
X=792750 Y=641955
LAT.: N 32.7621011
LONG.: W 103.5154691
2546' FSL 2147' FWL

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-mail Address

EFFECTIVE LATERAL	
SEC. 13 (SE4/SW/4)	721.68'
SEC. 13 (NE4/SW/4)	1321.68'
SEC. 13 (SE4/NW/4)	1323.62'
SEC. 13 (NE4/NW/4)	1323.62'
SEC. 12 (SE4/SW/4)	1322.82'
SEC. 12 (NE4/SW/4)	1172.82'
FTP-LTP	7186.24'



Topographic
1983

GRID CONVERGENCE N +00.44194° W

GN

Not To Scale

ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT
TO THE NEW MEXICO STATE PLANE COORDINATE
SYSTEM OF 1983 EAST.

CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W

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.

Date of Survey _____
Signature and Seal of Professional Surveyor: _____

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div> Submittal Type: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> </div>
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WELL LOCATION INFORMATION

API Number 30-025-52810	Pool Code 97930	Pool Name WC-025 G-06; S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 103H
OGRID No. 13089	Operator Name LARIO OIL & GAS COMPANY	Ground Level Elevation 3977' GL
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		295' FSL	1961' FWL	32.741372	-103.51604	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
J	12	18S	34E		2546' FSL	1867' FEL	32.762127	-103.51140	LEA

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-23301			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	13	18S	34E		100' FSL	1867' FEL	32.740856	-103.51136	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	13	18S	34E		600' FSL	1867' FEL	32.742230	-103.511400	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
J	12	18S	34E		2496' FSL	1867' FEL	32.761989	-103.511400	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3977' GL
---	--	--

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

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

Signature

Date

Ryan Bruner

Printed Name

ryanb@lario.net

Email Address

SURVEYOR CERTIFICATIONS

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.

Signature and Seal of Professional Surveyor

Certificate Number

Date of Survey

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.

SURFACE LOCATION (SHL) NEW MEXICO EAST NAD 1983 X=792633 Y=634412 LAT.: N 32.7413724 LONG.: W 103.5160395 295' FSL 1961' FWL		<table border="1"><thead><tr><th colspan="2">EFFECTIVE LATERAL</th></tr></thead><tbody><tr><td>SEC. 13 (SW4/SE/4)</td><td>722.45'</td></tr><tr><td>SEC. 13 (NW4/SE/4)</td><td>1322.45'</td></tr><tr><td>SEC. 13 (SW4/NE/4)</td><td>1324.17'</td></tr><tr><td>SEC. 13 (NW4/NE/4)</td><td>1324.17'</td></tr><tr><td>SEC. 12 (SW4/SE/4)</td><td>1323.00'</td></tr><tr><td>SEC. 12 (NW4/SE/4)</td><td>1173.00'</td></tr><tr><td colspan="2">FTP-LTP</td><td>7189.24'</td></tr></tbody></table>	EFFECTIVE LATERAL		SEC. 13 (SW4/SE/4)	722.45'	SEC. 13 (NW4/SE/4)	1322.45'	SEC. 13 (SW4/NE/4)	1324.17'	SEC. 13 (NW4/NE/4)	1324.17'	SEC. 12 (SW4/SE/4)	1323.00'	SEC. 12 (NW4/SE/4)	1173.00'	FTP-LTP		7189.24'
EFFECTIVE LATERAL																			
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SEC. 12 (NW4/SE/4)	1173.00'																		
FTP-LTP		7189.24'																	
KICK OFF POINT (KOP) NEW MEXICO EAST NAD 1983 X=794073 Y=634236 LAT.: N 32.7408557 LONG.: W 103.5113595 100' FSL 1867' FEL	Special Notes: ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM OF 1983 EAST. CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W																		
FIRST TAKE POINT (FTP) NEW MEXICO EAST NAD 1983 X=794068 Y=634735 LAT.: N 32.7422299 LONG.: W 103.5113622 600' FSL 1867' FEL	SURVEYORS CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.																		
LAST TAKE POINT (LTP) NEW MEXICO EAST NAD 1983 X=794001 Y=641924 LAT.: N 32.7619893 LONG.: W 103.5113999 2496' FSL 1867' FEL	Date of Survey Signature and Seal of Professional Surveyor:																		
BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST NAD 1983 X=794001 Y=641974 LAT.: N 32.7621267 LONG.: W 103.5114000 2546' FSL 1867' FEL																			
OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.																			
Signature _____ Date _____ Print Name _____ E-mail Address _____																			

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

Released to Imaging: 2/19/2025 2:38:46 PM

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div> Submittal Type: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> </div>
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WELL LOCATION INFORMATION

API Number 30-025-52811	Pool Code 97930	Pool Name WC-025 G-06; S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 104H
OGRID No. 13089	Operator Name LARIO OIL & GAS COMPANY	Ground Level Elevation 3977' GL
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		320' FSL	1961' FWL	32.741441	-103.51604	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	12	18S	34E		2546' FSL	600' FEL	32.762125	-103.50728	LEA

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-23301			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	13	18S	34E		100' FSL	600' FEL	32.740874	-103.50724	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	13	18S	34E		600' FSL	600' FEL	32.742248	-103.507242	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	12	18S	34E		2496' FSL	600' FEL	32.762015	-103.507279	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3977' GL
---	--	--

OPERATOR CERTIFICATIONS <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> <hr/> Signature _____ Date _____ Ryan Bruner <hr/> Printed Name ryanb@lario.net <hr/> Email Address	SURVEYOR CERTIFICATIONS <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> <hr/> Signature and Seal of Professional Surveyor _____ <div> <div>Certificate Number _____</div> <div>Date of Survey _____</div> </div>
---	---

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SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=792632 Y=634437
LAT.: N 32.7414412
LONG.: W 103.5160399
320' FSL 1961' FWL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=795340 Y=634252
LAT.: N 32.7408735
LONG.: W 103.5072391
100' FSL 600' FEL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST
NAD 1983
X=795335 Y=634752
LAT.: N 32.7422478
LONG.: W 103.5072417
600' FSL 600' FEL

LAST TAKE POINT (LTP)

NEW MEXICO EAST
NAD 1983
X=795268 Y=641944
LAT.: N 32.7620151
LONG.: W 103.5072785
2496' FSL 600' FEL

BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=795267 Y=641994
LAT.: N 32.7621526
LONG.: W 103.5072786
2546' FSL 600' FEL

OPERATOR CERTIFICATION

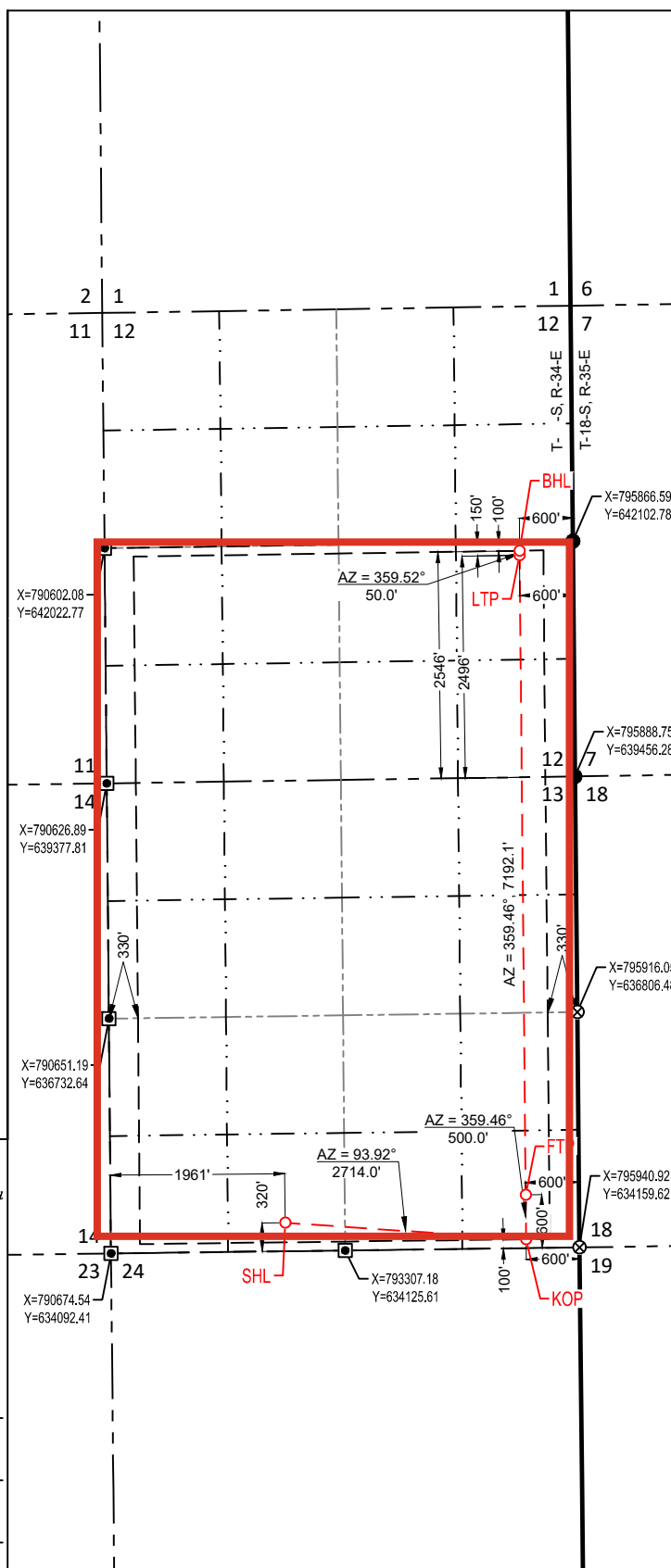
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Signature _____ Date _____

Print Name _____

E-mail Address _____

EFFECTIVE LATERAL	
SEC. 13 (SE4/SE/4)	723.15'
SEC. 13 (NE4/SE/4)	1323.16'
SEC. 13 (SE4/NE/4)	1324.72'
SEC. 13 (NE4/NE/4)	1324.72'
SEC. 12 (SE4/SE/4)	1323.20'
SEC. 12 (SE4/NE/4)	1173.19'
FTP-LTP	7192.14'

**Special Notes:**

ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM OF 1983 EAST.

CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W

SURVEYORS CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey _____
Signature and Seal of Professional Surveyor: _____

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 52811		Pool Code 97930		Pool Name WC-025 G-06 S183518A; BONE SPRING					
Property Code		Property Name CLOSE ENCOUNTERS STATE COM				Well Number 104H			
OGRID No. 13089		Operator Name LARIO OIL & GAS				Elevation 3976'			
Surface Location									
UL or lot no. N	Section 13	Township 18-S	Range 34-E	Lot Idn -	Feet from the 320'	North/South line SOUTH	Feet from the 1961'	East/West line WEST	County LEA
Bottom Hole Location If Different From Surface									
UL or lot no. I	Section 12	Township 18-S	Range 34-E	Lot Idn -	Feet from the 2546'	North/South line SOUTH	Feet from the 600'	East/West line EAST	County LEA
Dedicated Acres 960.00		Joint or Infill		Consolidated Code C		Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=792632 Y=634437
LAT.: N 32.7414412
LONG.: W 103.5160399
320' FSL 1961' FWL

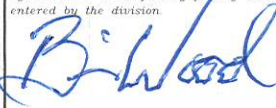
KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=795340 Y=634252
LAT.: N 32.7408735
LONG.: W 103.5072391
100' FSL 600' FEL

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NEW MEXICO EAST
NAD 1983
X=795335 Y=634752
LAT.: N 32.7422478
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NAD 1983
X=795268 Y=641944
LAT.: N 32.7620151
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NAD 1983
X=795267 Y=641994
LAT.: N 32.7621526
LONG.: W 103.5072786
2546' FSL 600' FEL

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4-1-24

Date

Signature

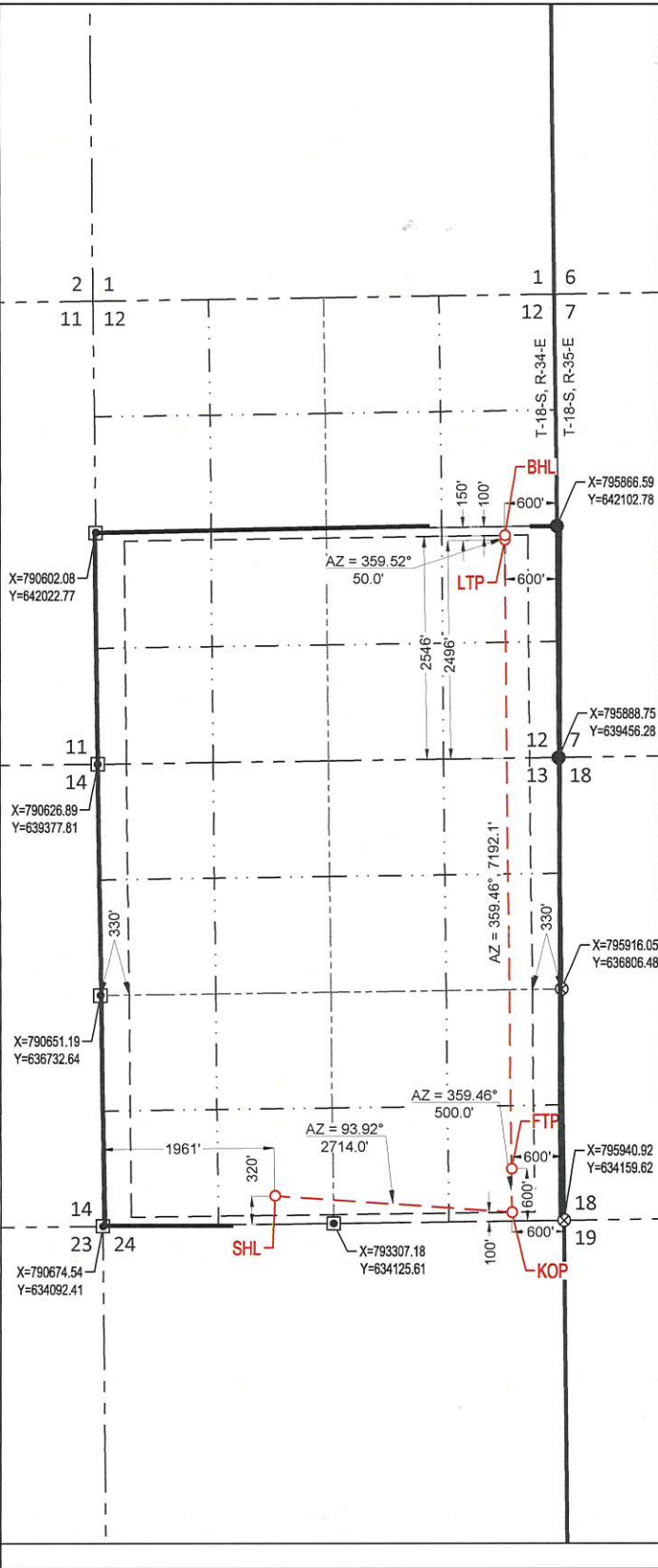
BRIAN WOOD

Print Name

brian@permitswest.com

E-mail Address

505 466-8120



EFFECTIVE LATERAL	
SEC. 13 (SE4/SE4)	723.15'
SEC. 13 (NE4/SE4)	1323.16'
SEC. 13 (SE4/NE4)	1324.72'
SEC. 13 (NE4/NE4)	1324.72'
SEC. 12 (SE4/SE4)	1323.20'
SEC. 12 (SE4/NE4)	1173.19'
FTP-LTP	7192.14'

TN

GN

GRID CONVERGENCE N +00.44194° W


LOGGRAPH

1983

1916

Not To Scale

Special Notes:
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CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W

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01/20/2024
Date of Survey
Signature and Seal of Professional Surveyor:

03/07/2024

Released to Imaging: 2/19/2025 2:38:46 PM

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	<input type="checkbox"/> Initial Submittal
			<input checked="" type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled	

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-52945	Pool Code 97930	Pool Name WC-025 G06 S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 301H
OGRID No. 13089	Operator Name LARIO OIL & GAS	Ground Level Elevation 3977'
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
N	13	18-S	34-E	-	220' S	1961' W	N 32.7411663	W 103.5160382	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
M	12	18-S	34-E	-	1273' N	330' W	N 32.7585660	W 103.5213733	LEA

Dedicated Acres 960.00	Infill or Defining Well -	Defining Well API -	Overlapping Spacing Unit (Y/N) N -	Consolidated Code C -
Order Numbers R-23301			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
N	13	18-S	34-E	-	100' S	330' W	N 32.7408137	W 103.5213425	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
M	13	18-S	34-E	-	100' S	330' W	N 32.7408137	W 103.5213425	LEA

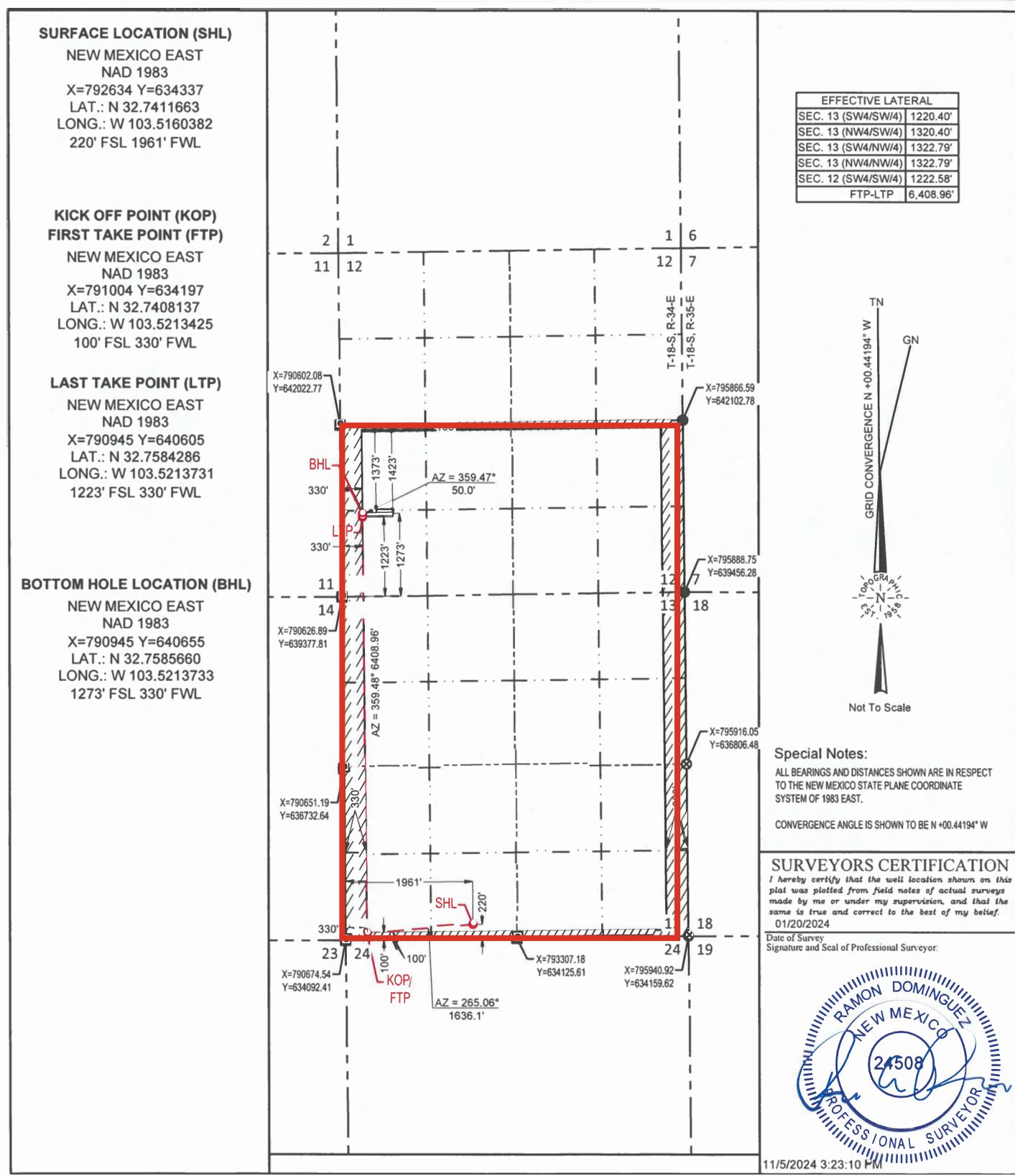
Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
M	12	18-S	34-E	-	1223' S	330' W	N 32.7584286	W 103.5213731	LEA

Unitized Area or Area of Uniform Intrest	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3977'
--	--	---------------------------------

OPERATOR CERTIFICATION <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> Signature  Date 11/26/24 Ryan Bruner Print Name ryanb@lario.net E-mail Address		SURVEYORS CERTIFICATION <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>  11/5/2024 3:23:09 PM Signature and Seal of Professional Surveyor Date Certificate Number Date of Survey 01/20/2024	
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C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submit Type:	<input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled
Property Name and Well Number CLOSE ENCOUNTERS STATE COM 301H			



DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
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1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
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Phone: (505) 476-3460 Fax: (505) 476-3462

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

Released to Imaging: 2/19/2025 2:38:46 PM

Revised August 1, 2011

Submit one copy to appropriate
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 52945	Pool Code 97930	Pool Name WC-025 G-06 S183518A; BONE SPRING
Property Code	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 301H
OGRID No. 13089	Operator Name LARIO OIL & GAS	Elevation 3977'

Surface Location

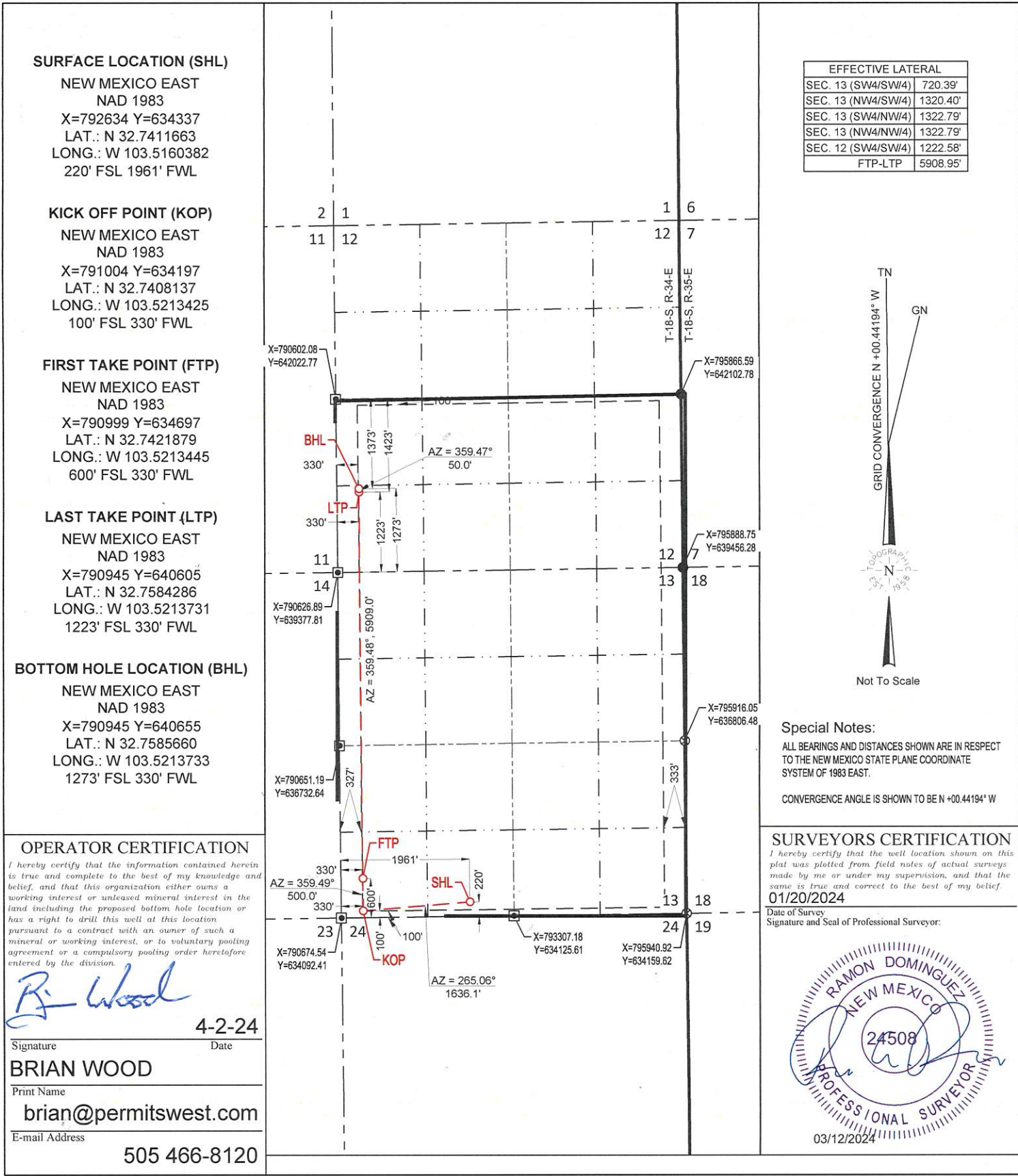
UL or lot no. N	Section 13	Township 18-S	Range 34-E	Lot Idn -	Feet from the 220'	North/South line SOUTH	Feet from the 1961'	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot no. M	Section 12	Township 18-S	Range 34-E	Lot Idn -	Feet from the 1273'	North/South line SOUTH	Feet from the 330'	East/West line WEST	County LEA
--------------------	---------------	------------------	---------------	--------------	------------------------	---------------------------	-----------------------	------------------------	---------------

Dedicated Acres 960.00	Joint or Infill	Consolidated Code C	Order No.
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Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div> Submittal Type: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> </div>
---	---	---

WELL LOCATION INFORMATION

API Number 30-025-52946	Pool Code 97930	Pool Name WC-025 G-06; S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 302H
OGRID No. 13089	Operator Name LARIO OIL & GAS COMPANY	Ground Level Elevation 3977' GL
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		195' FSL	1961' FWL	32.741098	-103.51604	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	12	18S	34E		1273' FSL	1570' FWL	32.758591	-103.51734	LEA

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-23301			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		100' FSL	1570' FWL	32.740830	-103.51731	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		600' FSL	1570' FWL	32.7422047	-103.517312	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	12	18S	34E		1223' FSL	1570' FWL	32.758454	-103.517340	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3977' GL
---	--	--

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

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

Signature

Date

Ryan Bruner

Printed Name

ryanb@lario.net

Email Address

SURVEYOR CERTIFICATIONS

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.

Signature and Seal of Professional Surveyor

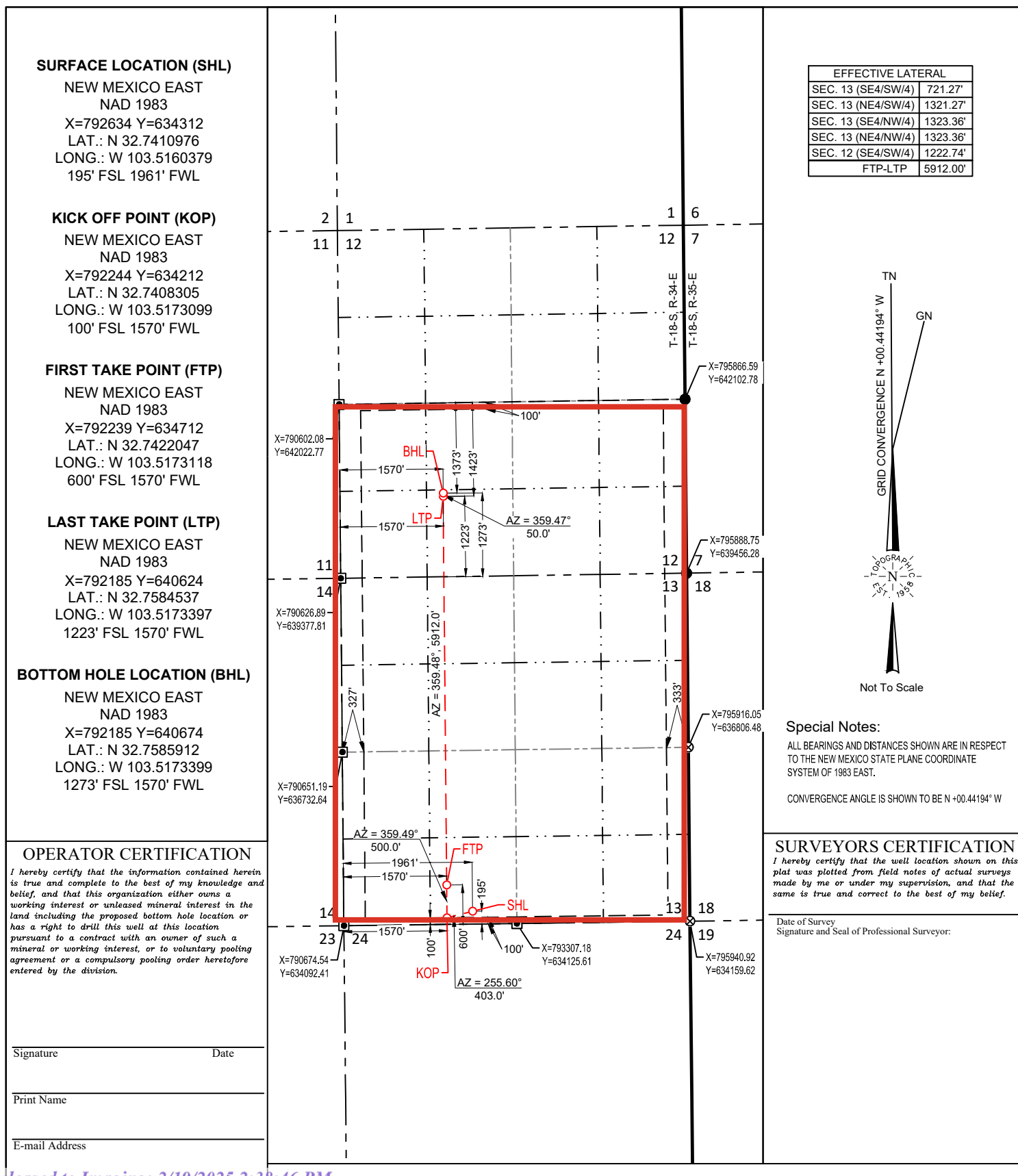
Certificate Number

Date of Survey

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.



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DISTRICT II
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Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 52946		Pool Code 97930		WC-025 G-06 S183518A; BONE SPRING		Pool Name			
Property Code		CLOSE ENCOUNTERS STATE COM				Well Number 302H			
OGRID No. 13089		Operator Name LARIO OIL & GAS				Elevation 3977'			
Surface Location									
UL or lot no. N	Section 13	Township 18-S	Range 34-E	Lot Idn -	Feet from the 195'	North/South line SOUTH	Feet from the 1961'	East/West line WEST	County LEA
Bottom Hole Location If Different From Surface									
UL or lot no. N	Section 12	Township 18-S	Range 34-E	Lot Idn -	Feet from the 1273'	North/South line SOUTH	Feet from the 1570'	East/West line WEST	County LEA
Dedicated Acres 960.00		Joint or Infill		Consolidated Code C		Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=792634 Y=634312
LAT.: N 32.7410976
LONG.: W 103.5160379
195' FSL 1961' FWL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=792244 Y=634212
LAT.: N 32.7408305
LONG.: W 103.5173099
100' FSL 1570' FWL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST
NAD 1983
X=792239 Y=634712
LAT.: N 32.7422047
LONG.: W 103.5173118
600' FSL 1570' FWL

LAST TAKE POINT (LTP)


NEW MEXICO EAST
NAD 1983
X=792185 Y=640624
LAT.: N 32.7584537
LONG.: W 103.5173397
1223' FSL 1570' FWL

BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=792185 Y=640674
LAT.: N 32.7585912
LONG.: W 103.5173399
1273' FSL 1570' FWL

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.



4-2-24

Signature

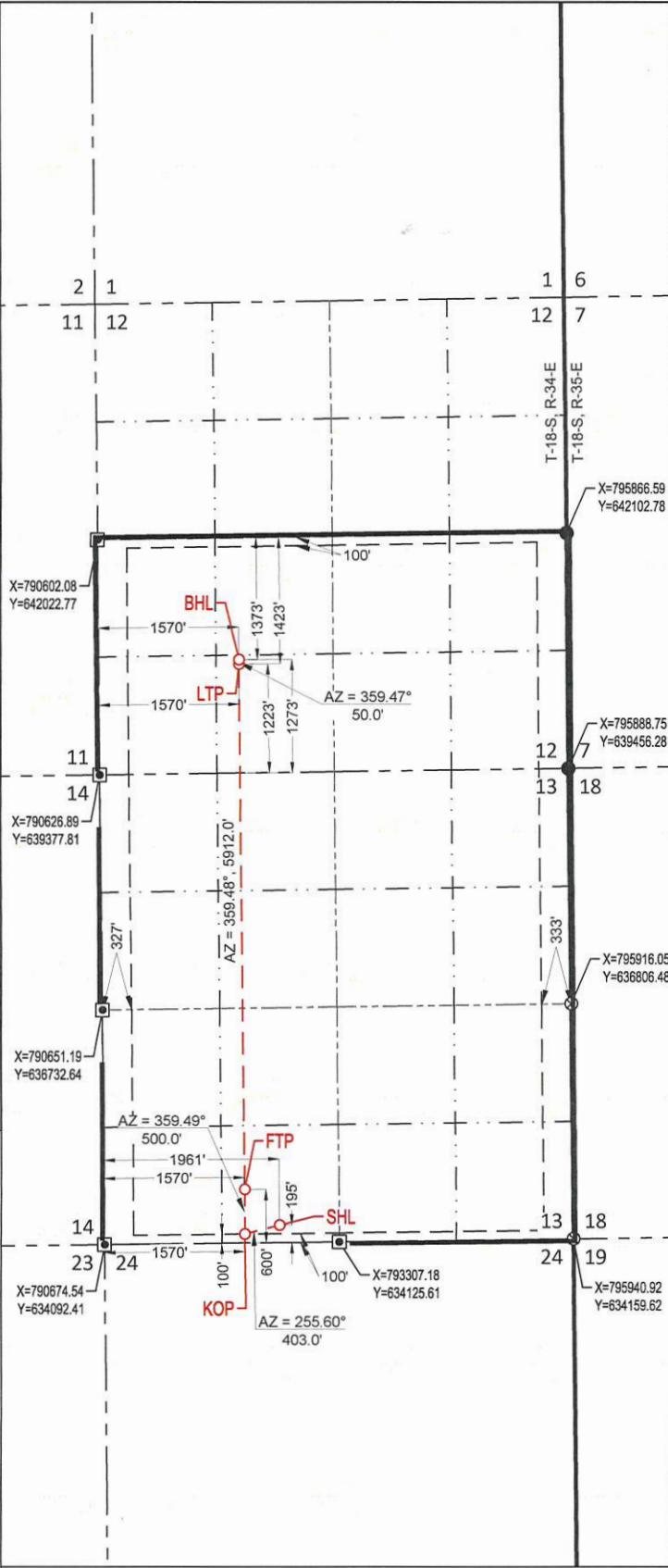
Date

Print Name

brian@permitswest.com

E-mail Address

505 466-8120



EFFECTIVE LATERAL	
SEC. 13 (SE4/SW4)	721.27'
SEC. 13 (NE4/SW4)	1321.27'
SEC. 13 (SE4/NW4)	1323.36'
SEC. 13 (NE4/NW4)	1323.36'
SEC. 12 (SE4/SW4)	1222.74'
FTP-LTP	5912.00'

GRID CONVERGENCE N +00.44194" W

Not To Scale

Special Notes:

ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM OF 1983 EAST.

CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194" W


SURVEYORS CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

01/20/2024

Date of Survey

Signature and Seal of Professional Surveyor:



Released to Imaging: 2/19/2025 2:38:46 PM

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div> Submittal Type: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> </div>
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WELL LOCATION INFORMATION

API Number 30-025-52947	Pool Code 97930	Pool Name WC-025 G-06; S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 303H
OGRID No. 13089	Operator Name LARIO OIL & GAS COMPANY	Ground Level Elevation 3977' GL
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		170' FSL	1961' FWL	32.741029	-103.51604	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	12	18S	34E		1273' FSL	2389' FEL	32.758618	-103.51309	LEA

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-23301			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	13	18S	34E		100' FSL	2390' FEL	32.740848	-103.51306	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	13	18S	34E		600' FSL	2390' FEL	32.742223	-103.513063	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	12	18S	34E		1223' FSL	2389' FEL	32.758480	-103.513094	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3977' GL
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OPERATOR CERTIFICATIONS <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> <hr/> Signature _____ Date _____ Ryan Bruner <hr/> Printed Name _____ ryanb@lario.net <hr/> Email Address _____	SURVEYOR CERTIFICATIONS <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> <hr/> Signature and Seal of Professional Surveyor _____ <div> <div>Certificate Number _____</div> <div>Date of Survey _____</div> </div>
---	---

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SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=792634 Y=634287
LAT.: N 32.7410290
LONG.: W 103.5160376
170' FSL 1961' FWL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=793550 Y=634229
LAT.: N 32.7408482
LONG.: W 103.5130604
100' FSL 2390' FEL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST
NAD 1983
X=793545 Y=634729
LAT.: N 32.742225
LONG.: W 103.5130630
600' FSL 2390' FEL

LAST TAKE POINT (LTP)

NEW MEXICO EAST
NAD 1983
X=793490 Y=640644
LAT.: N 32.7584800
LONG.: W 103.5130944
1223' FSL 2389' FEL

BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=793490 Y=640694
LAT.: N 32.7586175
LONG.: W 103.5130947
1273' FSL 2389' FEL

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature
Date

Print Name

E-mail Address

EFFECTIVE LATERAL	
SEC. 13 (SW4/SE/4)	722.16'
SEC. 13 (NW4/SE/4)	1322.16'
SEC. 13 (SW4/NE/4)	1323.95'
SEC. 13 (NW4/NE/4)	1323.95'
SEC. 12 (SW4/SE/4)	1222.92'
FTP-LTP	5915.14'

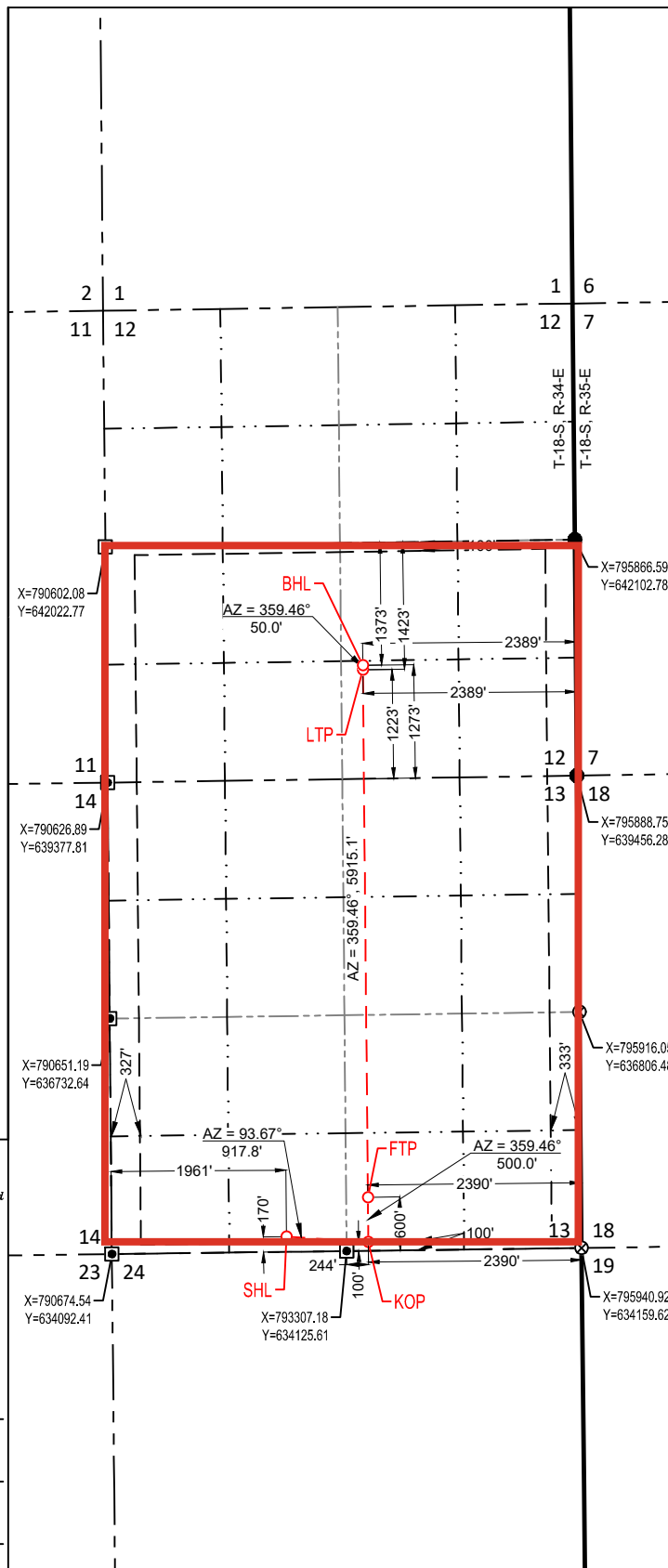


Diagram illustrating the relationship between True North (TN), Grid North (GN), and Magnetic North (N). The diagram shows a vertical line for TN, a slightly tilted line for GN, and a circular compass rose for N. The text "GRID CONVERGENCE N+00.44194° W" is written vertically next to the TN line. The compass rose is labeled "Topographic" and "N".

Special Notes:

ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT
TO THE NEW MEXICO STATE PLANE COORDINATE
SYSTEM OF 1983 EAST.

CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W

SURVEYORS CERTIFICATION

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Date of Survey
Signature and Seal of Professional Surveyor:

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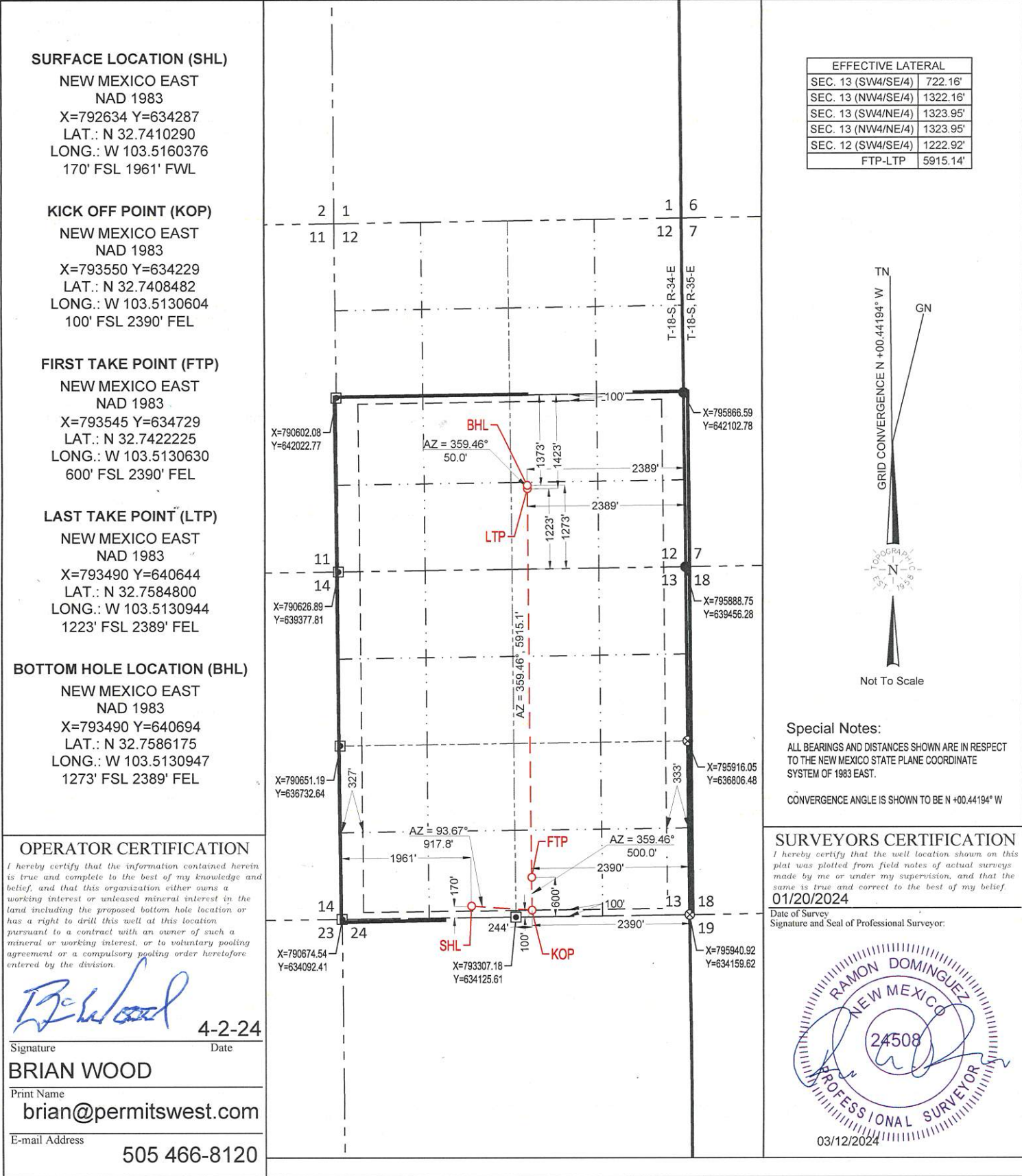
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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 52947		Pool Code 97930		WC-025 G-06 S183518A; BONE SPRING		Pool Name			
Property Code		Property Name CLOSE ENCOUNTERS STATE COM				Well Number 303H			
OGRID No. 13089		Operator Name LARIO OIL & GAS				Elevation 3977'			
Surface Location									
UL or lot no. N	Section 13	Township 18-S	Range 34-E	Lot Idn -	Feet from the 170'	North/South line SOUTH	Feet from the 1961'	East/West line WEST	County LEA
Bottom Hole Location If Different From Surface									
UL or lot no. O	Section 12	Township 18-S	Range 34-E	Lot Idn -	Feet from the 1273'	North/South line SOUTH	Feet from the 2389'	East/West line EAST	County LEA
Dedicated Acres 960.00		Joint or Infill		Consolidated Code C		Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div> Submittal Type: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> </div>
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WELL LOCATION INFORMATION

API Number 30-025-52948	Pool Code 97930	Pool Name WC-025 G-06; S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 304H
OGRID No. 13089	Operator Name LARIO OIL & GAS COMPANY	Ground Level Elevation 3977' GL
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		145' FSL	1961' FWL	32.740960	-103.51604	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	12	18S	34E		1273' FSL	1069' FEL	32.758644	-103.50880	LEA

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-23301			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		100' FSL	1070' FEL	32.740867	-103.50877	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	13	18S	34E		600' FSL	1070' FEL	32.742241	-103.508770	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	12	18S	34E		1223' FSL	1069' FEL	32.758506	-103.508801	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3977' GL
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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.

SURFACE LOCATION (SHL) NEW MEXICO EAST NAD 1983 X=792635 Y=634262 LAT.: N 32.7409602 LONG.: W 103.5160372 145' FSL 1961' FWL	<p>Grid Convergence: N +00.44194° W</p> <p>Not To Scale</p>	<table border="1"><thead><tr><th colspan="2">EFFECTIVE LATERAL</th></tr></thead><tbody><tr><td>SEC. 13 (SE4/SE/4)</td><td>722.89'</td></tr><tr><td>SEC. 13 (NE4/SE/4)</td><td>1322.89'</td></tr><tr><td>SEC. 13 (SE4/NE/4)</td><td>1324.51'</td></tr><tr><td>SEC. 13 (NE4/NE/4)</td><td>1324.51'</td></tr><tr><td>SEC. 12 (SE4/SE/4)</td><td>1223.12'</td></tr><tr><td colspan="2">FTP-LTP</td><td>5917.92'</td></tr></tbody></table>	EFFECTIVE LATERAL		SEC. 13 (SE4/SE/4)	722.89'	SEC. 13 (NE4/SE/4)	1322.89'	SEC. 13 (SE4/NE/4)	1324.51'	SEC. 13 (NE4/NE/4)	1324.51'	SEC. 12 (SE4/SE/4)	1223.12'	FTP-LTP		5917.92'
EFFECTIVE LATERAL																	
SEC. 13 (SE4/SE/4)		722.89'															
SEC. 13 (NE4/SE/4)		1322.89'															
SEC. 13 (SE4/NE/4)		1324.51'															
SEC. 13 (NE4/NE/4)	1324.51'																
SEC. 12 (SE4/SE/4)	1223.12'																
FTP-LTP		5917.92'															
KICK OFF POINT (KOP) NEW MEXICO EAST NAD 1983 X=794870 Y=634246 LAT.: N 32.7408669 LONG.: W 103.5087676 100' FSL 1070' FEL																	
FIRST TAKE POINT (FTP) NEW MEXICO EAST NAD 1983 X=794865 Y=634746 LAT.: N 32.7422412 LONG.: W 103.5087702 600' FSL 1070' FEL																	
LAST TAKE POINT (LTP) NEW MEXICO EAST NAD 1983 X=794810 Y=640663 LAT.: N 32.7585064 LONG.: W 103.5088008 1223' FSL 1069' FEL																	
BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST NAD 1983 X=794809 Y=640713 LAT.: N 32.7586439 LONG.: W 103.5088011 1273' FSL 1069' FEL																	
OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.	Special Notes: ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM OF 1983 EAST. CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W	SURVEYORS CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.															
Signature _____ Date _____ Print Name _____ E-mail Address _____	Date of Survey _____ Signature and Seal of Professional Surveyor: _____																

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Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Released to Imaging: 2/19/2025 2:38:46 PM
Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 52948	Pool Code 97930	WC-025 G-06 S183518A;	Pool Name BONE SPRING
Property Code	Property Name CLOSE ENCOUNTERS STATE COM		Well Number 304H
OGRID No. 13089	Operator Name LARIO OIL & GAS		Elevation 3977'

Surface Location

UL or lot no. N	Section 13	Township 18-S	Range 34-E	Lot Idn -	Feet from the 145'	North/South line SOUTH	Feet from the 1961'	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot no. P	Section 12	Township 18-S	Range 34-E	Lot Idn -	Feet from the 1273'	North/South line SOUTH	Feet from the 1069'	East/West line EAST	County LEA
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Dedicated Acres 960.00	Joint or Infill	Consolidated Code C	Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

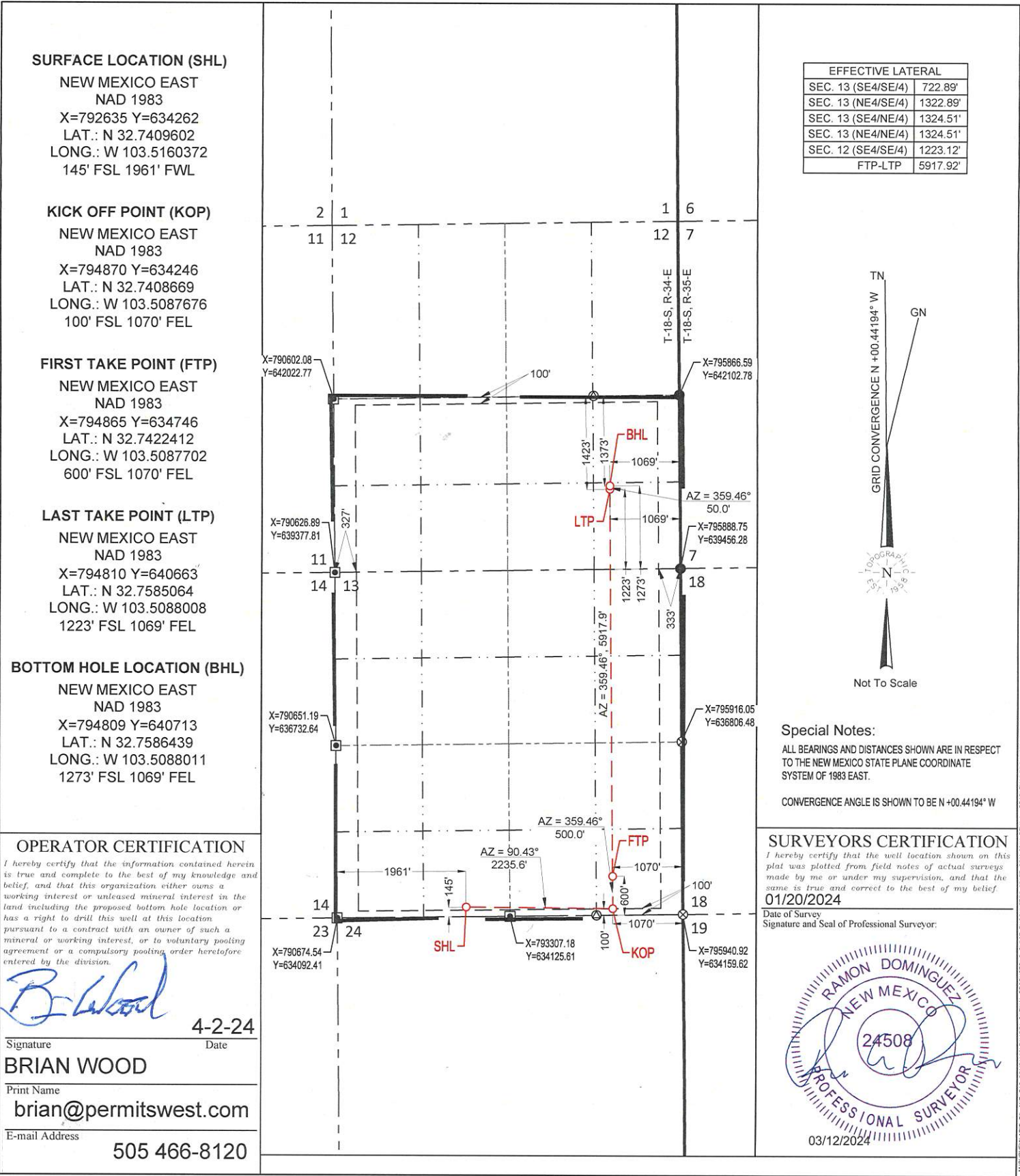


EXHIBIT A

Proposed Non-Standard Horizontal Spacing Unit
Close Encounters State Com
S/2 of Section 12 & ALL of 13 Section, T18S R34E
BONE SPRING FORMATION

960 Acres in Spacing Unit

<div>Tract 3 NM State B012580003 SW/4 12-18S-34E 160 ac.</div>	<div>Tract 1 NM State B009360026 N/2SE/4 12-18S-34E 80 ac.</div>	
	<div>Tract 2 NM State B009360026 S/2SE/4 12-18S-34E 80 ac.</div>	
<div>Tract 7 NM State VC11940000 SW/4 13-18S-34E 160 ac.</div>	<div>Tract 5 NM State VC06380003 W/2NE/4 13-18S-34E 80 ac.</div>	<div>Tract 4 NM State V065640000 E/2NE/4 13-18S-34E 80 ac.</div>
<div>Tract 6 NM State VC06370003 S/2 13-18S-34E 320 ac.</div>		

Recapitulation		
Tract Number	Number of Acres Committed	Percentage of Interest in Communitized Area
1	80	0.083333333
2	80	0.083333333
3	160	0.166666667
4	80	0.083333333
5	80	0.083333333
6	320	0.333333333
7	160	0.166666667
TOTAL:	960	1

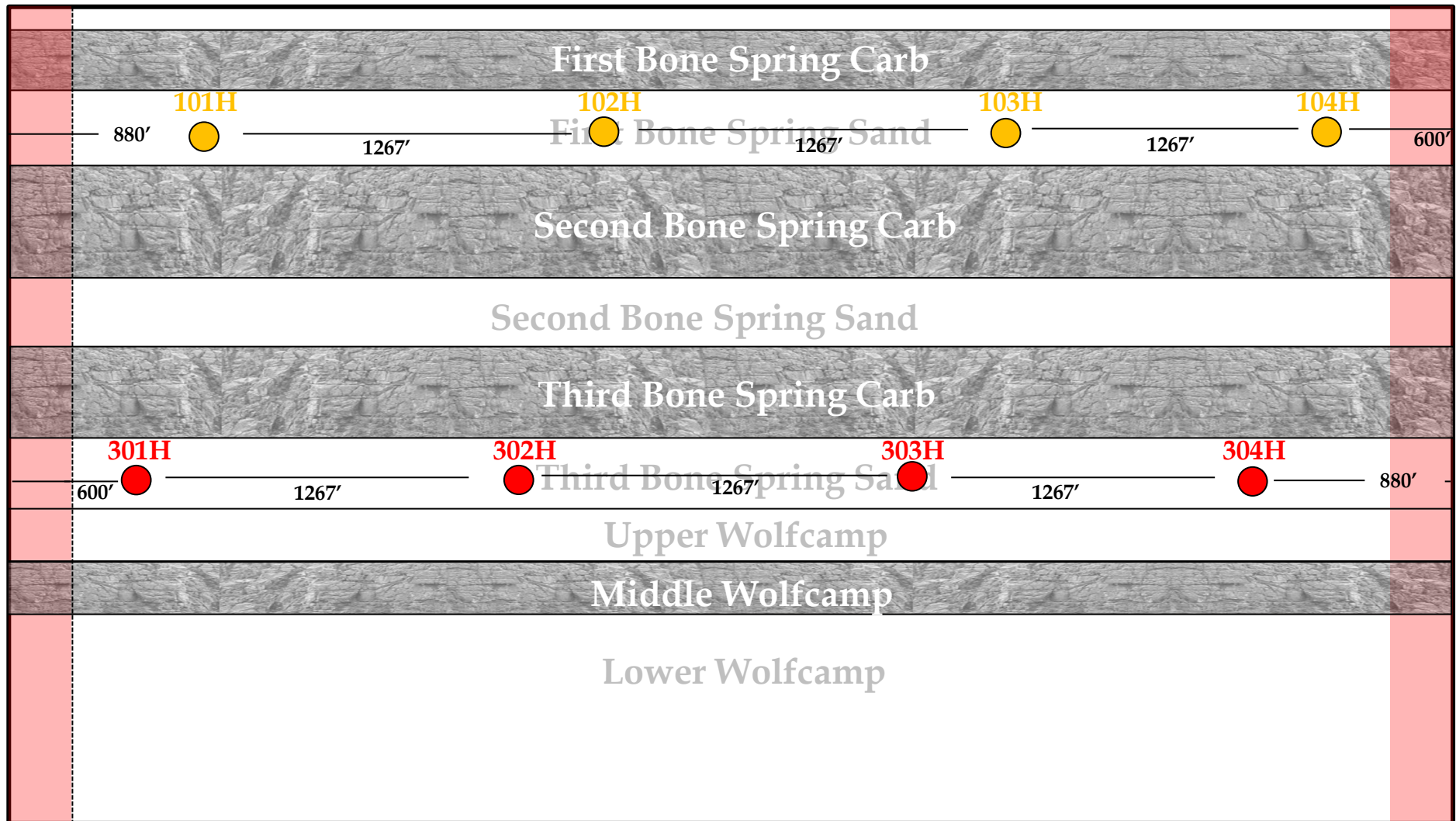
EXHIBIT C

SENE 11-18S-34E S2NW 12-18S-34E NMSLO B0-1258-3		S2NE 12-18S-34E NMSLO B0-0936-27		Lot 2 (SWNW) 7-18S-35E NMSLO E0-6002-7
E2SW 11-18S-34E NMSLO B0-1258-3		S/2 of Section 12-T18S-R34E Lea County		Lot 3 (NWSW), Lot 4 (SWSW) 7-18S-35E NMSLO E0-6002-6
E2NE 14-18S-34E NMSLO VC-1195				Lot 1 (NWNW), Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) 18-18S-35E NMSLO VB-1325
		ALL of Section 13-T18S-R34E Lea County		
E2SE 14-18S-34E NMSLO B0-3011-3				
NENE 23-18S-34E NMSLO VB-2276-1	N2N2 24-18S-34E NMSLO VB-1876-3			Lot 1 (NWNW) 19-18S-35E NMSLO VB-1499-4

960 ACRE NON STANDARD SPACING UNIT S2 12-18S-34E, AND ALL 13-18S-34E
SENE 11-18S-R34E S2NW 12-18S-R34E NMSLO - B0-1258-3 MorningStar Operatong LLC WI
S2NE 12-18S-35E NMSLO - BO-0936-27 Cross Timbers Energy, LLC WI
Lot 4 (NWSW) 7-18S-35E NMSLO - E0-6002-7 Chase Oil Corporation WI DiaKan Minerals, LLC WI Ventana Minerals, LLC WI RDC Minerals, LLC WI
Lot 3 (NWSW), Lot 4 (SWSW) 7-18S-35E NMSLO - E0-6002-6 Chase Oil Corporation WI DiaKan Minerals, LLC WI Ventana Minerals, LLC WI RDC Minerals, LLC WI
Lot 1 (NWNW), Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) 18-18S-35E NMSLO - VB-1325 Franklin Mountain Energy 3, LLC WI Loma Hombre Energy, LLC WI DSD Energy II, LLC WI Cavalry Resources LLC WI
Lot 1 (NWNW) 19-18S-35E NMSLO - VB-1499-4 Franklin Mountain Energy 3, LLC WI
N2N2 24-18S-34E NMSLO - VB-1876-3 Franklin Mountain Energy 3, LLC WI
NENE 23-18S-34E NMSLO - VB-2276-1 Matador Resources Company WI Marathon Oil Permian, LLC WI
E2SE 11-18S-34E NMSLO - B0-3011-3 Lario Oil & Gas Co. WI
E2NE 11-18S-34E NMSLO - VC-1195 Lario Oil & Gas Co. WI
SWNW, E2SW 11-18S-34E NMSLO - B0-1258-3 Lario Oil & Gas Co. WI MorningStar Operatong LLC WI

EXHIBIT D

Close Encounters State Com Unit Development (Gunbarrel View)



5280'

Interest Type	Affected Party	Location of Affected Acreage	Date letter Sent	Mail Tracking Number	
Working Interest	Cross Timbers Energy LLC 400 West 7th Street, Fort Worth, Texas 76102	S2NE Section 12-T18S-R35E	12/19/2024	921489014298	0411 4922 28
Working Interest	Chase Oil Corporation 113252 Lovington Hwy Artesia, NM 88210	Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 7-T18S- R35E	12/19/2024	921489014298	04114920 82
Working Interest	DiaKan Minerals, LLC P. O. Box 693 Artesia, NM 88211	Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 7-T18S- R35E	12/19/2024	921489014298	04114920 99
Working Interest	RDC Minerals, LLC P. O. Box 297 Artesia, NM 88211	Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 7-T18S- R35E	12/19/2024	921489014298	04114921 5
Working Interest	Ventana Minerals, LLC P. O. Box 359 Artesia, NM 88211- 0359	Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 7-T18S- R35E	12/19/2024	921489014298	04114921 12
Working Interest	Franklin Mountain Energy 3, LLC 44 Cook Street, Suite 1000 Denver, Colorado 80206	Lot 1 (NWNW), Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 18-T18S-R35E Lot 1 (NWNW) Section 19-T18S- R35E N2N2 Section 24-T18S-R34E	12/19/2024	921489014298	04114922 55
Working Interest	MorningStar Operating, LLC 400 West 7th Street Fort Worth, TX 76102	Lot 1 (NWNW), Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 18-T18S-R35E SENE, E2SW Section 11-T18S- R34E S2NW Section 12-T18S-R34E	12/19/2024	921489014298	04114921 36
Working Interest	DSD Energy II, LLC 1150 N. Kimbell Avenue, Suite 100 Southlake, TX 76092	Lot 1 (NWNW), Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 18-T18S-R35E	12/19/2024	921489014298	04114921 43
Working Interest	Loma Hombre Energy, LLC P.O. Box 50187 Midland, Texas 79710	Lot 1 (NWNW), Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 18-T18S-R35E	12/19/2024	921489014298	04114922 42

Working Interest	Matador Resources Company One Lincoln Centre 5400 Lydon B Johnson Fwy Suite 1500 Dallas, TX 75240	NENE Section 23-18S-34E	12/19/2024	921489014298	04114921 67
Working Interest	Marathon Oil Permian, LLC 990 Town and Country Blvd Houston, TX 77024	NENE Section 23-18S-34E	12/19/2024	921489014298	04114921 74
Working Interest	Lario Oil & Gas Co. P. O. Box 29 Denver, CO 80201	E2SE, N2NW Section 14-18S-34E	12/19/2024	921489014298	04114921 81
Royalty Interest	New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe, NM 87501	Royalty Interest-ALL LANDS	12/19/2024	921489014298	04114921 98

LARIO OIL & GAS COMPANY

MAILING ADDRESS:
POST OFFICE BOX 29
DENVER, COLORADO 80201-0029



260 N JOSEPHINE, SUITE 400
DENVER, COLORADO 80206
(303) 595-8030
FAX (303) 595-4849

December 19, 2024

VIA CERTIFIED MAIL

TO: ALL AFFECTED PARTIES

Re: Application of Lario Oil and Gas Co. for Administrative Approval of a 960-Acre Non-Standard Horizontal Spacing Unit in the WC-025 G-06; S183518A; Bone Spring (Pool Code: 97930) comprised of All of Section 13 and the S/2 of Section 12, Township 18 South, Range 34 East, NMPM, Lea County, New Mexico.

To Whom It May Concern:

Enclosed is a copy of the referenced application, filed with the New Mexico Oil Conservation Division on this date. You are being sent a copy of this application per OCD's requirements to notify the interest owners in the affected offset acreage. Any objections to this application must be submitted in writing within 20 days from the date the Division receives this application at 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objections are filed within this time frame, the Division may grant administrative approval of the application. The application has been filed as of this date. This application amends what was sent on 12/6 to add the Division's updated C-102 forms.

If you have any questions, feel free to email me at dakota@lario.net or call me at (720) 573-9816.

Sincerely,

LARIO OIL & GAS CO.

Dakota Nahm

Dakota Nahm
Landman

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div> Submittal Type: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> </div>
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WELL LOCATION INFORMATION

API Number 30-025-52808	Pool Code 97930	Pool Name WC-025 G-06; S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 101H
OGRID No. 13089	Operator Name LARIO OIL & GAS COMPANY	Ground Level Elevation 3977' GL
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		245' FSL	1961' FWL	32.7412351	-103.51604	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	12	18S	34E		2545' FSL	880' FWL	32.762075	-103.51959	LEA

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-23301			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	13	18S	34E		100' FSL	880' FWL	32.740821	-103.51955	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	13	18S	34E		600' FSL	880' FWL	32.742195	-103.51955	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	12	18S	34E		2495' FSL	880' FWL	32.761938	-103.51959	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3977' GL
---	--	--

OPERATOR CERTIFICATIONS <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> <hr/> Signature _____ Date _____ Ryan Bruner <hr/> Printed Name ryanb@lario.net <hr/> Email Address	SURVEYOR CERTIFICATIONS <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> <hr/> Signature and Seal of Professional Surveyor _____ <div> <div>Certificate Number _____</div> <div>Date of Survey _____</div> </div>
---	---

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.

SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=792633 Y=634362
LAT.: N 32.7412351
LONG.: W 103.5160388
245' FSL 1961' FWL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=791554 Y=634204
LAT.: N 32.7408212
LONG.: W 103.5195539
100' FSL 880' FWL

FIRST TAKE POINT (FTP)
NEW MEXICO EAST
NAD 1983
X=791549 Y=634703
LAT.: N 32.7421954
LONG.: W 103.5195558
600' FSL 880' FWL

LAST TAKE POINT (LTP)
NEW MEXICO EAST
NAD 1983
X=791483 Y=641886
LAT.: N 32.7619376
LONG.: W 103.5195902
2495' FSL 880' FWL

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=791483 Y=641936
LAT.: N 32.7620750
LONG.: W 103.5195904
2545' FSL 880' FWL

OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

SURVEYORS CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Special Notes:
ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM OF 1983 EAST.
CONVERGENCE ANGLE IS SHOWN TO BE N+00.44194" W

EFFECTIVE LATERAL

SEC. 13 (SW4/SW4)	720.78'
SEC. 13 (NW4/SW4)	1320.79'
SEC. 13 (SW4/NW4)	1323.04'
SEC. 13 (NW4/NW4)	1323.04'
SEC. 12 (SW4/SW4)	1322.65'
SEC. 12 (SW4/SW4)	1172.65'
FTP-LTP	7182.95'

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 52808		Pool Code 97930		WC-025 G-06 S183518A; BONE SPRING		Pool Name			
Property Code		Property Name CLOSE ENCOUNTERS STATE COM				Well Number 101H			
OGRID No. 13089		Operator Name LARIO OIL & GAS				Elevation 3977'			
Surface Location									
UL or lot no. N	Section 13	Township 18-S	Range 34-E	Lot Idn -	Feet from the 245'	North/South line SOUTH	Feet from the 1961'	East/West line WEST	County LEA
Bottom Hole Location If Different From Surface									
UL or lot no. L	Section 12	Township 18-S	Range 34-E	Lot Idn -	Feet from the 2545'	North/South line SOUTH	Feet from the 880'	East/West line WEST	County LEA
Dedicated Acres 960.00		Joint or Infill		Consolidated Code C		Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=792633 Y=634362
LAT.: N 32.7412351
LONG.: W 103.5160388
245' FSL 1961' FWL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=791554 Y=634204
LAT.: N 32.7408212
LONG.: W 103.5195539
100' FSL 880' FWL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST
NAD 1983
X=791549 Y=634703
LAT.: N 32.7421954
LONG.: W 103.5195558
600' FSL 880' FWL

LAST TAKE POINT (LTP)


NEW MEXICO EAST
NAD 1983
X=791483 Y=641886
LAT.: N 32.7619376
LONG.: W 103.5195902
2495' FSL 880' FWL

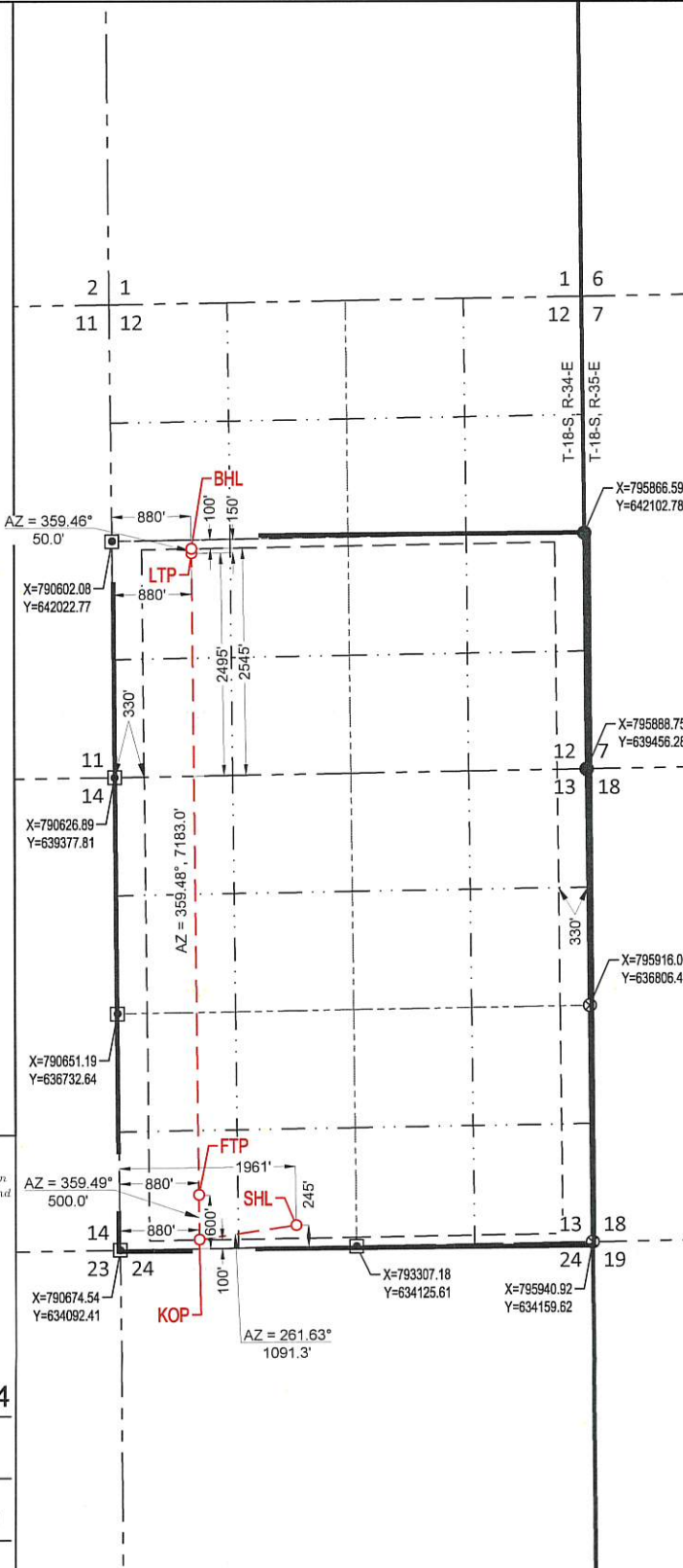
BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=791483 Y=641936
LAT.: N 32.7620750
LONG.: W 103.5195904
2545' FSL 880' FWL

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.



4-1-24
Signature Date
BRIAN WOOD
Print Name
brian@permitswest.com
E-mail Address
505 466-8120



EFFECTIVE LATERAL

SEC. 13 (SW4/SW4)	720.78'
SEC. 13 (NW4/SW4)	1320.79'
SEC. 13 (SW4/NW4)	1323.04'
SEC. 13 (NW4/NW4)	1323.04'
SEC. 12 (SW4/SW4)	1322.65'
SEC. 12 (SW4/SW4)	1172.65'
FTP-LTP	7182.95'

Special Notes:
ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM OF 1983 EAST.
CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W

SURVEYORS CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
01/20/2024
Date of Survey
Signature and Seal of Professional Surveyor:

03/07/2024

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div> Submittal Type: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> </div>
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WELL LOCATION INFORMATION

API Number 30-025-52809	Pool Code 97930	Pool Name WC-025 G-06; S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 102H
OGRID No. 13089	Operator Name LARIO OIL & GAS COMPANY	Ground Level Elevation 3977' GL
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		270' FSL	1961' FWL	32.741304	-103.51604	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
K	12	18S	34E		2546' FSL	2147' FWL	32.762101	-103.51547	LEA

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-23301			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		100' FSL	2147' FWL	32.740838	-103.51544	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		600' FSL	2147' FWL	32.742213	-103.515434	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
K	12	18S	34E		2496' FSL	2147' FWL	32.761934	-103.515469	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3977' GL
---	--	--

OPERATOR CERTIFICATIONS <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> <hr/> Signature _____ Date _____ Ryan Bruner <hr/> Printed Name _____ ryanb@lario.net <hr/> Email Address _____	SURVEYOR CERTIFICATIONS <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> <hr/> Signature and Seal of Professional Surveyor _____ <div> <div>Certificate Number _____</div> <div>Date of Survey _____</div> </div>
---	---

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.

NEW MEXICO EAST
NAD 1983
X=792633 Y=634387
LAT.: N 32.7413038
LONG.: W 103.5160392
270' FSL 1961' FWL

NEW MEXICO EAST
NAD 1983
X=792820 Y=634219
LAT.: N 32.7408382
LONG.: W 103.5154335
100' FSI 2147' FWI

NEW MEXICO EAST
NAD 1983
X=792816 Y=634719
LAT.: N 32.7422125
LONG.: W 103.5154353
600' FSL 2147' FWL

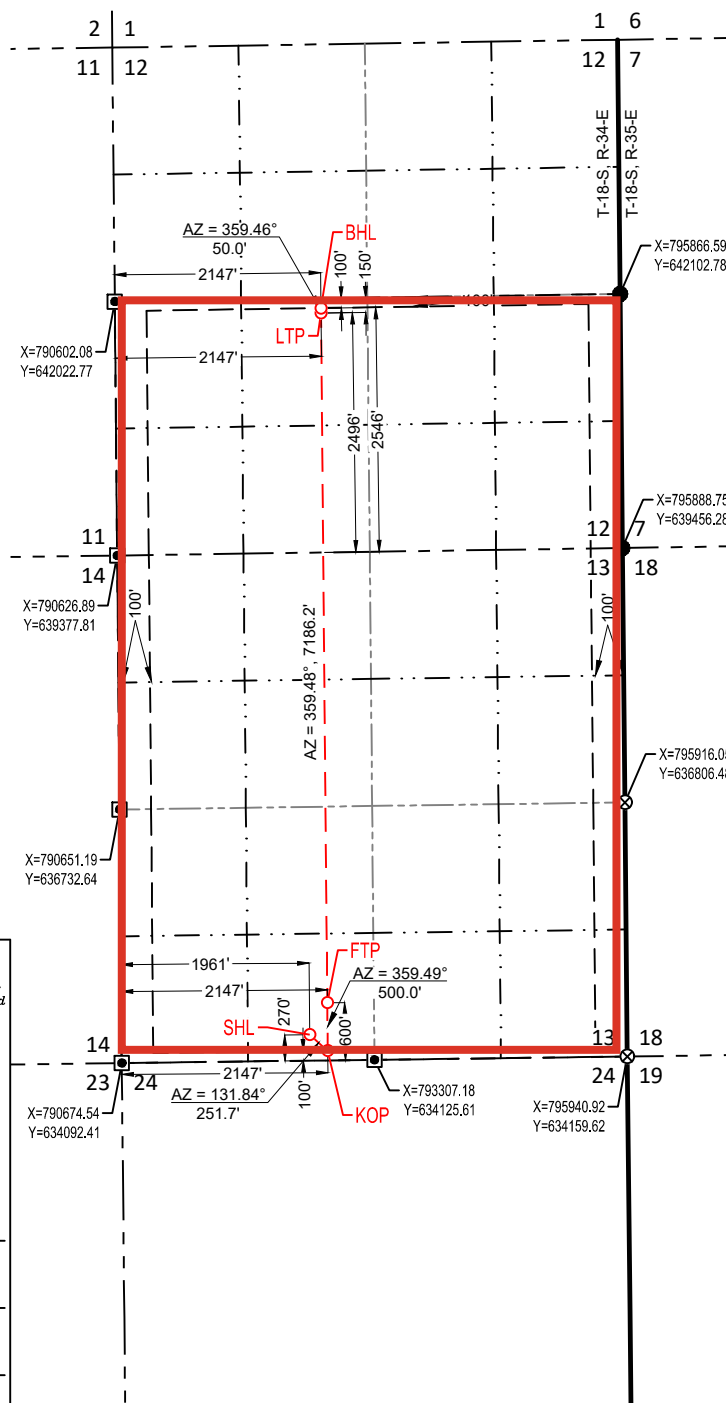
NEW MEXICO EAST
NAD 1983
X=792750 Y=641905
LAT.: N 32.7619637
LONG.: W 103.5154688
2496' FSL 2147' FWL

NEW MEXICO EAST
NAD 1983
X=792750 Y=641955
LAT.: N 32.7621011
LONG.: W 103.5154691
2546' FSL 2147' FWL

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-mail Address

EFFECTIVE LATERAL	
SEC. 13 (SE4/SW/4)	721.68'
SEC. 13 (NE4/SW/4)	1321.68'
SEC. 13 (SE4/NW/4)	1323.62'
SEC. 13 (NE4/NW/4)	1323.62'
SEC. 12 (SE4/SW/4)	1322.82'
SEC. 12 (NE4/SW/4)	1172.82'
FTP-LTP	7186.24'



Topographic
1983

GRID CONVERGENCE N +00.44194° W

GN

Not To Scale

ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT
TO THE NEW MEXICO STATE PLANE COORDINATE
SYSTEM OF 1983 EAST.

CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W

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.

Date of Survey
Signature and Seal of Professional Surveyor:

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

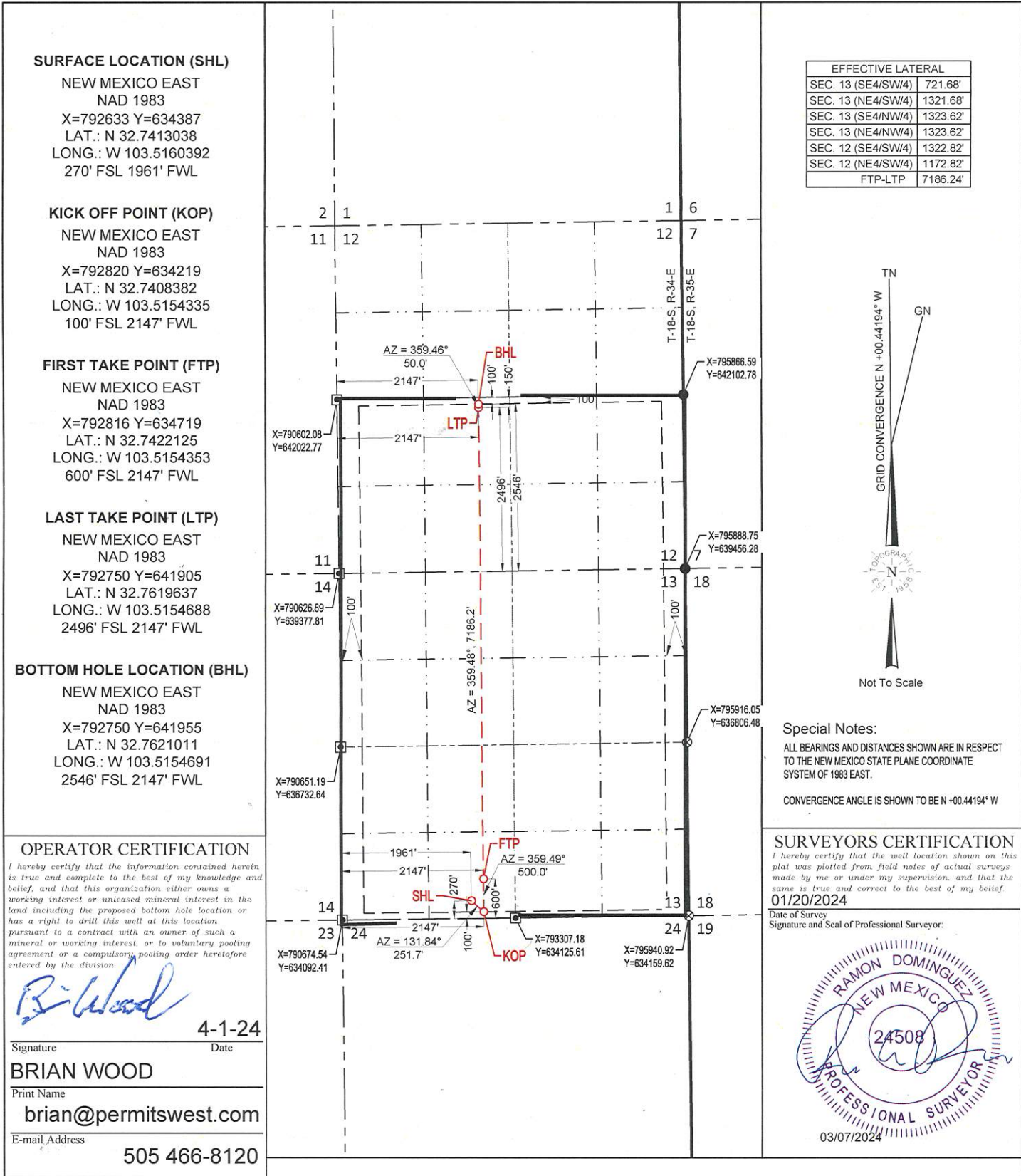
WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 52809	Pool Code 97930	WC-025 G-06 S183518A; BONE SPRING	Pool Name
Property Code	Property Name CLOSE ENCOUNTERS STATE COM		Well Number 102H
OGRID No. 13089	Operator Name LARIO OIL & GAS		Elevation 3977'

Surface Location									
UL or lot no. N	Section 13	Township 18-S	Range 34-E	Lot Idn -	Feet from the 270'	North/South line SOUTH	Feet from the 1961'	East/West line WEST	County LEA

Bottom Hole Location If Different From Surface									
UL or lot no. K	Section 12	Township 18-S	Range 34-E	Lot Idn -	Feet from the 2546'	North/South line SOUTH	Feet from the 2147'	East/West line WEST	County LEA
Dedicated Acres 960.00	Joint or Infill	Consolidated Code C	Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div> Submittal Type: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> </div>
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WELL LOCATION INFORMATION

API Number 30-025-52810	Pool Code 97930	Pool Name WC-025 G-06; S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 103H
OGRID No. 13089	Operator Name LARIO OIL & GAS COMPANY	Ground Level Elevation 3977' GL
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		295' FSL	1961' FWL	32.741372	-103.51604	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
J	12	18S	34E		2546' FSL	1867' FEL	32.762127	-103.51140	LEA

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-23301			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	13	18S	34E		100' FSL	1867' FEL	32.740856	-103.51136	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	13	18S	34E		600' FSL	1867' FEL	32.742230	-103.511400	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
J	12	18S	34E		2496' FSL	1867' FEL	32.761989	-103.511400	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3977' GL
---	--	--

OPERATOR CERTIFICATIONS <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> <hr/> Signature _____ Date _____ Ryan Bruner <hr/> Printed Name ryanb@lario.net <hr/> Email Address	SURVEYOR CERTIFICATIONS <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> <hr/> Signature and Seal of Professional Surveyor _____ <div> <div>Certificate Number _____</div> <div>Date of Survey _____</div> </div>
---	---

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=792633 Y=634412
LAT.: N 32.7413724
LONG.: W 103.5160395
295' FSL 1961' FWL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=794073 Y=634236
LAT.: N 32.7408557
LONG.: W 103.5113595
100' FSL 1867' FEL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST
NAD 1983
X=794068 Y=634735
LAT.: N 32.7422299
LONG.: W 103.5113622
600' FSL 1867' FEL

LAST TAKE POINT (LTP)

NEW MEXICO EAST
NAD 1983
X=794001 Y=641924
LAT.: N 32.7619893
LONG.: W 103.5113999
2496' FSL 1867' FEL

BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=794001 Y=641974
LAT.: N 32.7621267
LONG.: W 103.5114000
2546' FSL 1867' FEL

OPERATOR CERTIFICATION

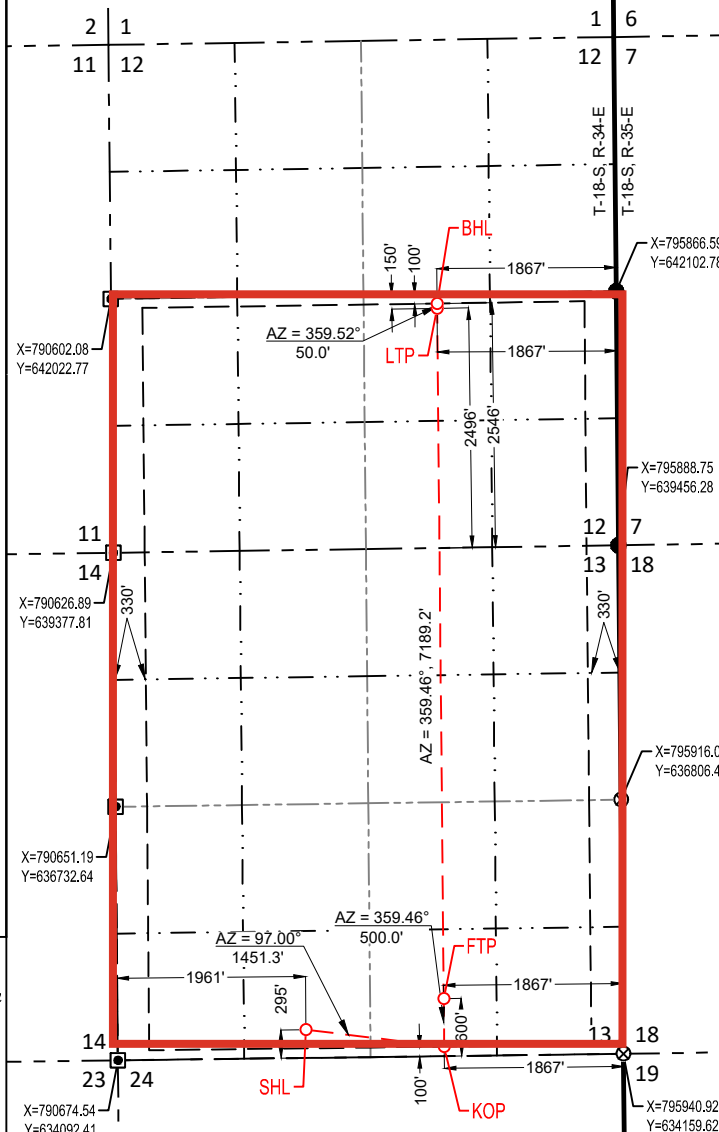
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature
Date

Print Name

E-mail Address

EFFECTIVE LATERAL	
SEC. 13 (SW4/SE/4)	722.45'
SEC. 13 (NW4/SE/4)	1322.45'
SEC. 13 (SW4/NE/4)	1324.17'
SEC. 13 (NW4/NE/4)	1324.17'
SEC. 12 (SW4/SE/4)	1323.00'
SEC. 12 (NW4/SE/4)	1173.00'
FTP-LTP	7189.24'



Special Notes:

ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT
TO THE NEW MEXICO STATE PLANE COORDINATE
SYSTEM OF 1983 EAST.

CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W

SURVEYORS CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor:

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

Released to Imaging: 2/19/2025 2:38:46 PM

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div> Submittal Type: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> </div>
---	---	---

WELL LOCATION INFORMATION

API Number 30-025-52811	Pool Code 97930	Pool Name WC-025 G-06; S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 104H
OGRID No. 13089	Operator Name LARIO OIL & GAS COMPANY	Ground Level Elevation 3977' GL
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		320' FSL	1961' FWL	32.741441	-103.51604	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	12	18S	34E		2546' FSL	600' FEL	32.762125	-103.50728	LEA

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-23301			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	13	18S	34E		100' FSL	600' FEL	32.740874	-103.50724	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	13	18S	34E		600' FSL	600' FEL	32.742248	-103.507242	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	12	18S	34E		2496' FSL	600' FEL	32.762015	-103.507279	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3977' GL
---	--	--

OPERATOR CERTIFICATIONS <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> <hr/> Signature _____ Date _____ Ryan Bruner <hr/> Printed Name ryanb@lario.net <hr/> Email Address	SURVEYOR CERTIFICATIONS <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> <hr/> Signature and Seal of Professional Surveyor _____ <div> <div>Certificate Number _____</div> <div>Date of Survey _____</div> </div>
---	---

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SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=792632 Y=634437
LAT.: N 32.7414412
LONG.: W 103.5160399
320' FSL 1961' FWL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=795340 Y=634252
LAT.: N 32.7408735
LONG.: W 103.5072391
100' FSL 600' FEL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST
NAD 1983
X=795335 Y=634752
LAT.: N 32.7422478
LONG.: W 103.5072417
600' FSL 600' FEL

LAST TAKE POINT (LTP)

NEW MEXICO EAST
NAD 1983
X=795268 Y=641944
LAT.: N 32.7620151
LONG.: W 103.5072785
2496' FSL 600' FEL

BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=795267 Y=641994
LAT.: N 32.7621526
LONG.: W 103.5072786
2546' FSL 600' FEL

OPERATOR CERTIFICATION

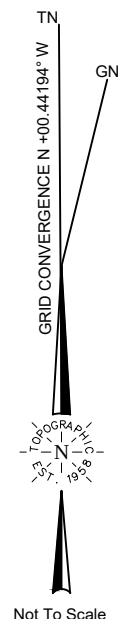
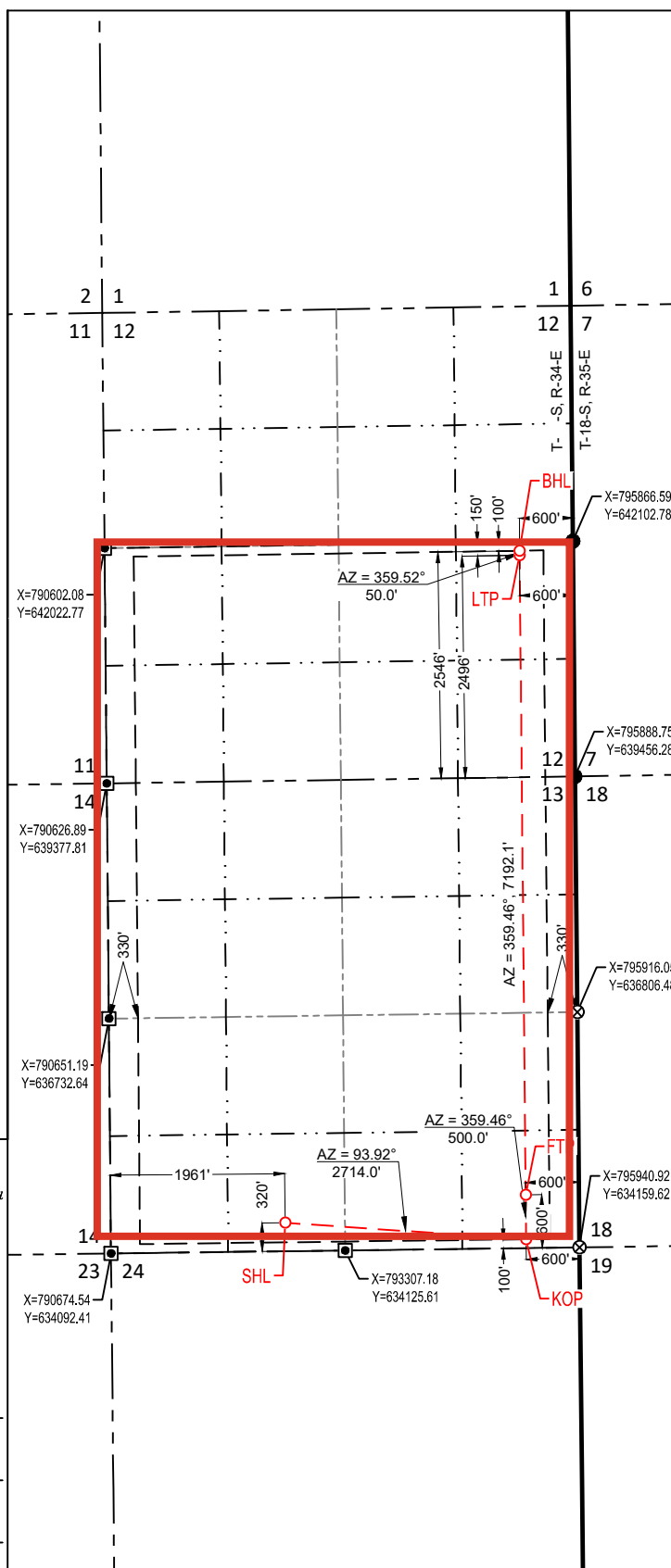
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Signature _____ Date _____

Print Name _____

E-mail Address _____

EFFECTIVE LATERAL	
SEC. 13 (SE4/SE/4)	723.15'
SEC. 13 (NE4/SE/4)	1323.16'
SEC. 13 (SE4/NE/4)	1324.72'
SEC. 13 (NE4/NE/4)	1324.72'
SEC. 12 (SE4/SE/4)	1323.20'
SEC. 12 (SE4/NE/4)	1173.19'
FTP-LTP	7192.14'

**Special Notes:**

ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM OF 1983 EAST.

CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W

SURVEYORS CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey _____
Signature and Seal of Professional Surveyor: _____

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 52811		Pool Code 97930		Pool Name WC-025 G-06 S183518A; BONE SPRING					
Property Code		Property Name CLOSE ENCOUNTERS STATE COM				Well Number 104H			
OGRID No. 13089		Operator Name LARIO OIL & GAS				Elevation 3976'			
Surface Location									
UL or lot no. N	Section 13	Township 18-S	Range 34-E	Lot Idn -	Feet from the 320'	North/South line SOUTH	Feet from the 1961'	East/West line WEST	County LEA
Bottom Hole Location If Different From Surface									
UL or lot no. I	Section 12	Township 18-S	Range 34-E	Lot Idn -	Feet from the 2546'	North/South line SOUTH	Feet from the 600'	East/West line EAST	County LEA
Dedicated Acres 960.00		Joint or Infill		Consolidated Code C		Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=792632 Y=634437
LAT.: N 32.7414412
LONG.: W 103.5160399
320' FSL 1961' FWL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=795340 Y=634252
LAT.: N 32.7408735
LONG.: W 103.5072391
100' FSL 600' FEL

FIRST TAKE POINT (FTP)
NEW MEXICO EAST
NAD 1983
X=795335 Y=634752
LAT.: N 32.7422478
LONG.: W 103.5072417
600' FSL 600' FEL

LAST TAKE POINT (LTP)
NEW MEXICO EAST
NAD 1983
X=795268 Y=641944
LAT.: N 32.7620151
LONG.: W 103.5072785
2496' FSL 600' FEL

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=795267 Y=641994
LAT.: N 32.7621526
LONG.: W 103.5072786
2546' FSL 600' FEL

OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location, or has a right to drill this well at this location, pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Brian Wood
4-1-24
Signature Date
BRIAN WOOD
Print Name
brian@permitswest.com
E-mail Address
505 466-8120

EFFECTIVE LATERAL

SEC. 13 (SE4/SE4)	723.15'
SEC. 13 (NE4/SE4)	1323.16'
SEC. 13 (SE4/NE4)	1324.72'
SEC. 13 (NE4/NE4)	1324.72'
SEC. 12 (SE4/SE4)	1323.20'
SEC. 12 (SE4/NE4)	1173.19'
FTP-LTP	7192.14'

Special Notes:
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CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W

SURVEYORS CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
01/20/2024
Date of Survey
Signature and Seal of Professional Surveyor:

03/07/2024

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	<input type="checkbox"/> Initial Submittal
			<input checked="" type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled	

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-52945	Pool Code 97930	Pool Name WC-025 G06 S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 301H
OGRID No. 13089	Operator Name LARIO OIL & GAS	Ground Level Elevation 3977'
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
N	13	18-S	34-E	-	220' S	1961' W	N 32.7411663	W 103.5160382	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
M	12	18-S	34-E	-	1273' N	330' W	N 32.7585660	W 103.5213733	LEA

Dedicated Acres 960.00	Infill or Defining Well -	Defining Well API -	Overlapping Spacing Unit (Y/N) N -	Consolidated Code C -
Order Numbers R-23301			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
N	13	18-S	34-E	-	100' S	330' W	N 32.7408137	W 103.5213425	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
M	13	18-S	34-E	-	100' S	330' W	N 32.7408137	W 103.5213425	LEA

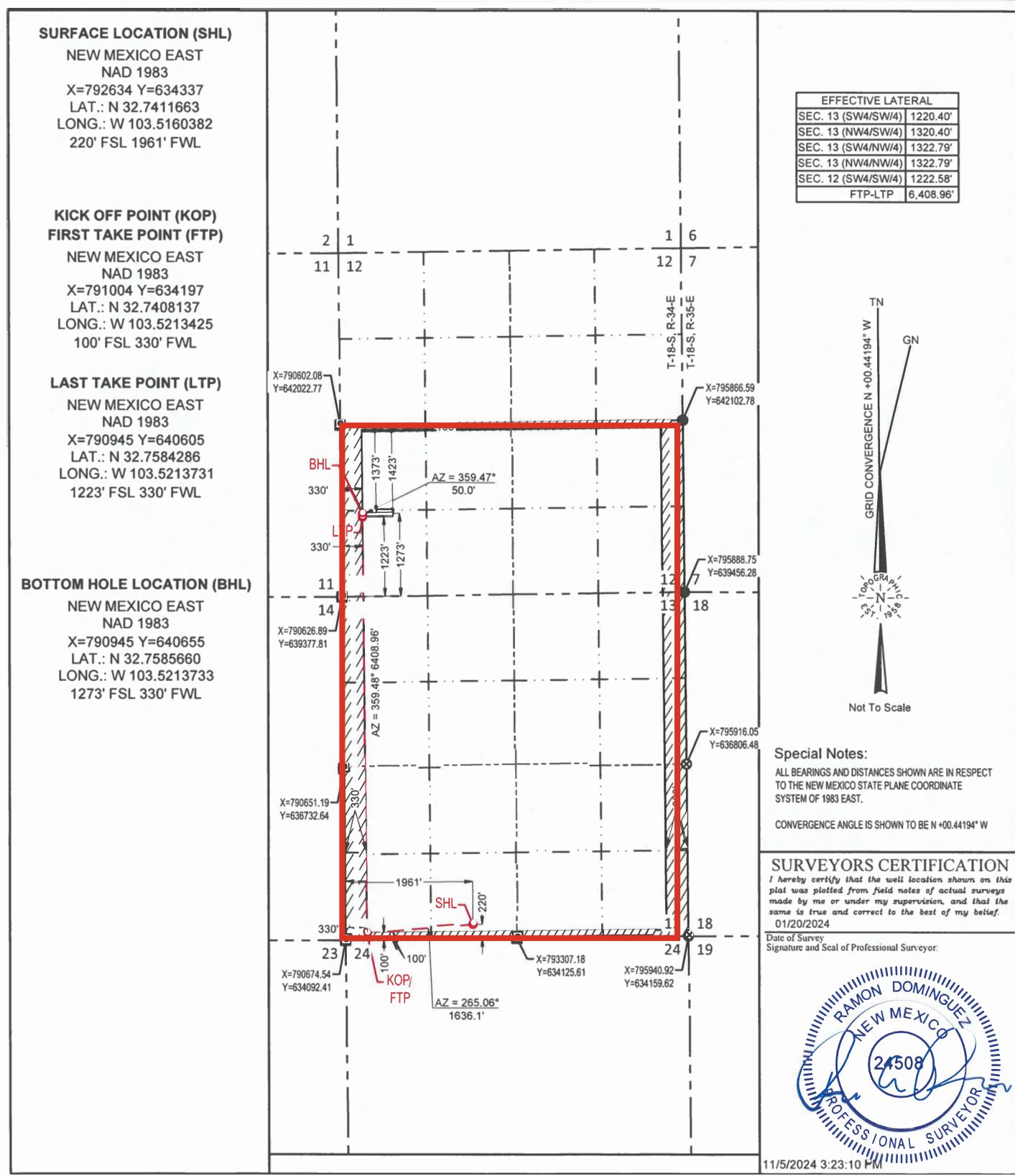
Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
M	12	18-S	34-E	-	1223' S	330' W	N 32.7584286	W 103.5213731	LEA

Unitized Area or Area of Uniform Intrest	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation 3977'
--	--	---------------------------------

OPERATOR CERTIFICATION <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> Signature: <u>Ryan Bruner</u> Date: <u>11/26/24</u> Print Name: <u>ryanb@lario.net</u> E-mail Address: <u>ryanb@lario.net</u>		SURVEYORS CERTIFICATION <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>  11/5/2024 3:23:09 PM Signature and Seal of Professional Surveyor: <u>Ramon Dominguez</u> Date: <u>11/5/2024</u> Certificate Number: <u>24508</u> Date of Survey: <u>01/20/2024</u>	
--	--	---	--

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submit Type:	<input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled
Property Name and Well Number CLOSE ENCOUNTERS STATE COM 301H			



DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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Revised August 1, 2011

Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 52945	Pool Code 97930	Pool Name WC-025 G-06 S183518A; BONE SPRING
Property Code	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 301H
OGRID No. 13089	Operator Name LARIO OIL & GAS	Elevation 3977'

Surface Location

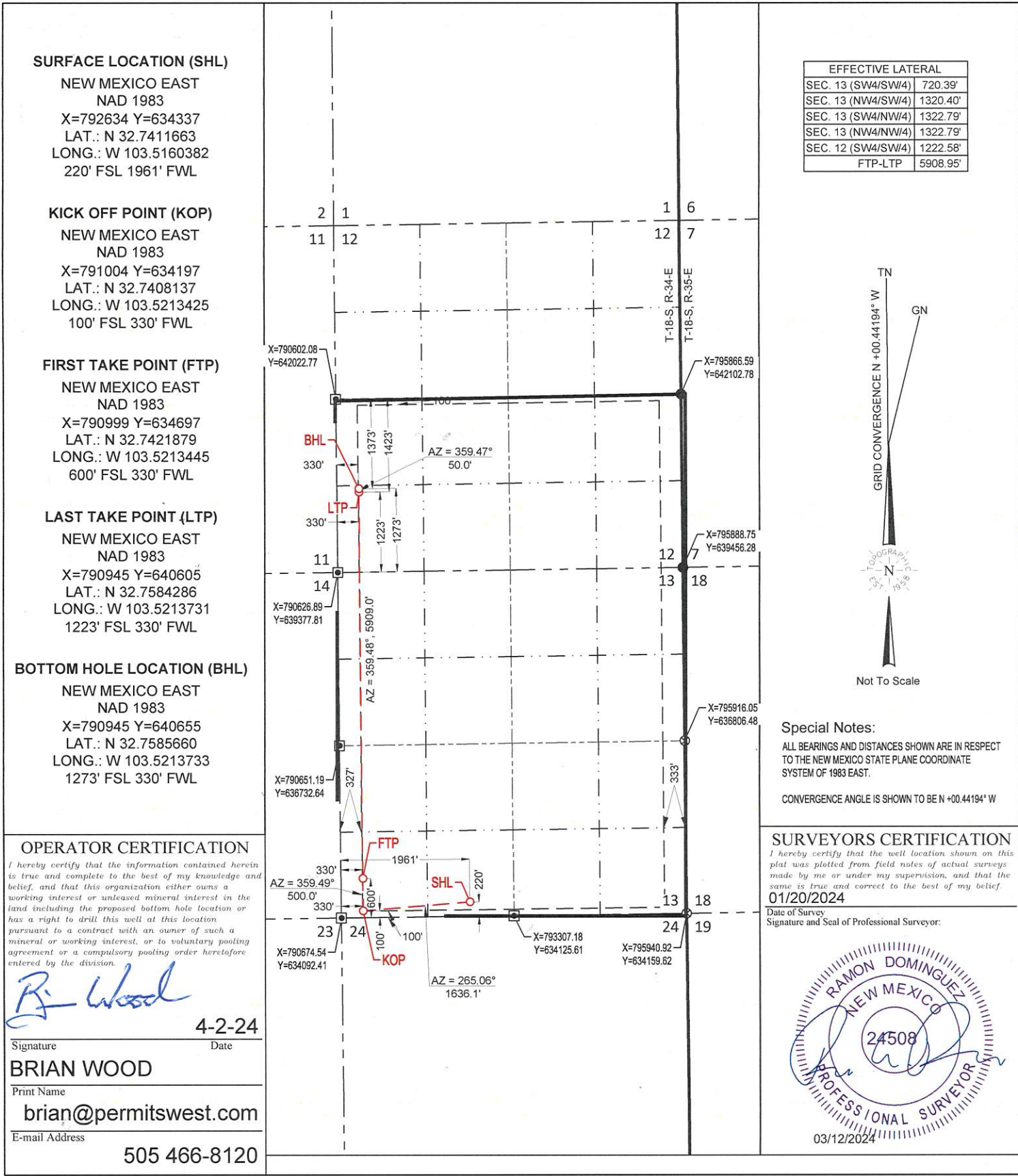
UL or lot no. N	Section 13	Township 18-S	Range 34-E	Lot Idn -	Feet from the 220'	North/South line SOUTH	Feet from the 1961'	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot no. M	Section 12	Township 18-S	Range 34-E	Lot Idn -	Feet from the 1273'	North/South line SOUTH	Feet from the 330'	East/West line WEST	County LEA
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Dedicated Acres 960.00	Joint or Infill	Consolidated Code C	Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div> Submittal Type: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> </div>
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WELL LOCATION INFORMATION

API Number 30-025-52946	Pool Code 97930	Pool Name WC-025 G-06; S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 302H
OGRID No. 13089	Operator Name LARIO OIL & GAS COMPANY	Ground Level Elevation 3977' GL
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		195' FSL	1961' FWL	32.741098	-103.51604	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	12	18S	34E		1273' FSL	1570' FWL	32.758591	-103.51734	LEA

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-23301			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		100' FSL	1570' FWL	32.740830	-103.51731	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		600' FSL	1570' FWL	32.7422047	-103.517312	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	12	18S	34E		1223' FSL	1570' FWL	32.758454	-103.517340	LEA

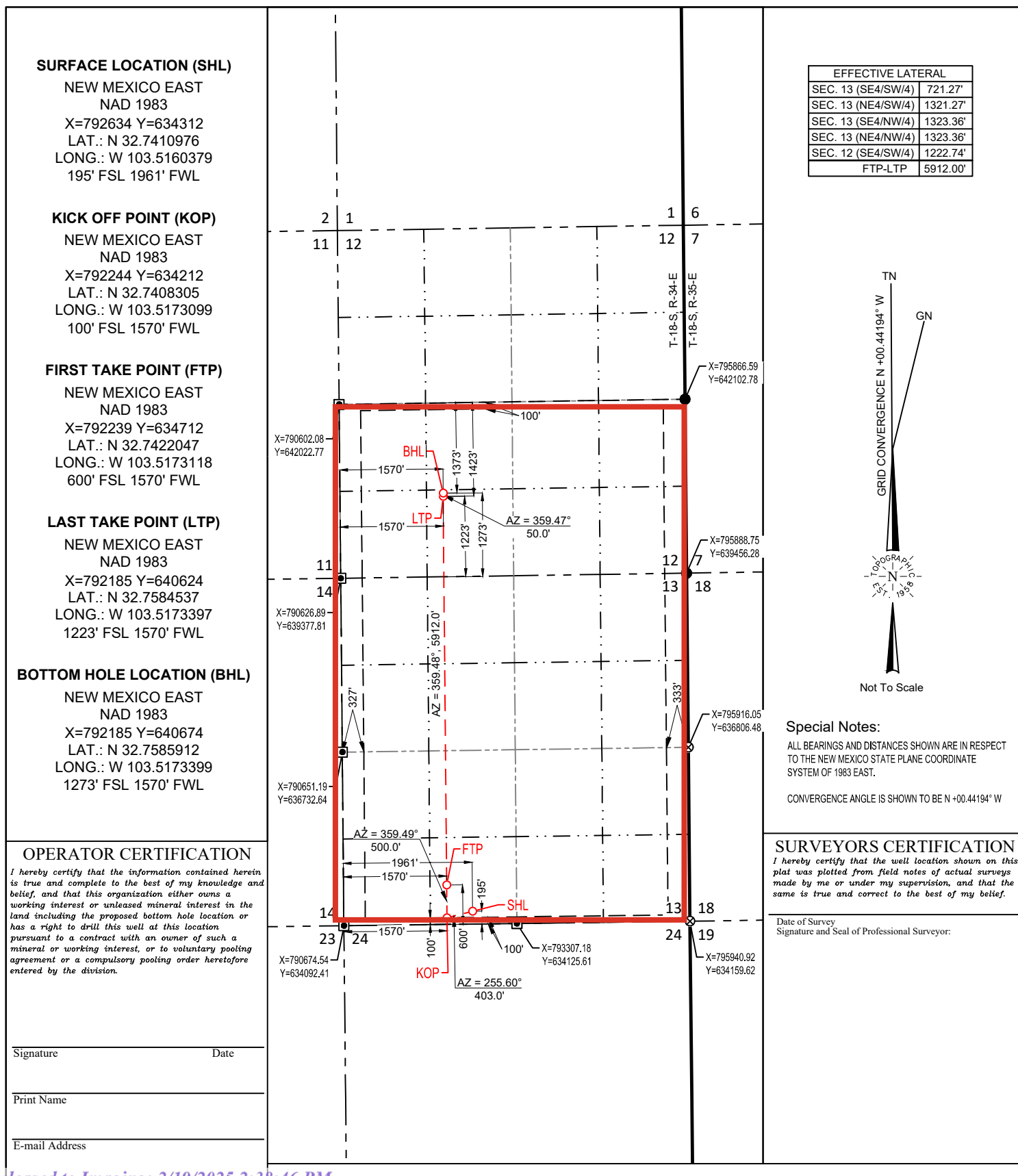
Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3977' GL
---	--	--

OPERATOR CERTIFICATIONS <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> <div> <div>Signature</div> <div>Date</div> </div> <div> Ryan Bruner <div>Printed Name</div> </div> <div> ryanb@lario.net <div>Email Address</div> </div>	SURVEYOR CERTIFICATIONS <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> <div> <div>Signature and Seal of Professional Surveyor</div> <div> <div>Certificate Number</div> <div>Date of Survey</div> </div> </div>
--	--

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.



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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 52946		Pool Code 97930		WC-025 G-06 S183518A; BONE SPRING		Pool Name			
Property Code		Property Name CLOSE ENCOUNTERS STATE COM				Well Number 302H			
OGRID No. 13089		Operator Name LARIO OIL & GAS				Elevation 3977'			
Surface Location									
UL or lot no. N	Section 13	Township 18-S	Range 34-E	Lot Idn -	Feet from the 195'	North/South line SOUTH	Feet from the 1961'	East/West line WEST	County LEA
Bottom Hole Location If Different From Surface									
UL or lot no. N	Section 12	Township 18-S	Range 34-E	Lot Idn -	Feet from the 1273'	North/South line SOUTH	Feet from the 1570'	East/West line WEST	County LEA
Dedicated Acres 960.00		Joint or Infill		Consolidated Code C		Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=792634 Y=634312
LAT.: N 32.7410976
LONG.: W 103.5160379
195' FSL 1961' FWL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=792244 Y=634212
LAT.: N 32.7408305
LONG.: W 103.5173099
100' FSL 1570' FWL

FIRST TAKE POINT (FTP)
NEW MEXICO EAST
NAD 1983
X=792239 Y=634712
LAT.: N 32.7422047
LONG.: W 103.5173118
600' FSL 1570' FWL

LAST TAKE POINT (LTP)
NEW MEXICO EAST
NAD 1983
X=792185 Y=640624
LAT.: N 32.7584537
LONG.: W 103.5173397
1223' FSL 1570' FWL

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=792185 Y=640674
LAT.: N 32.7585912
LONG.: W 103.5173399
1273' FSL 1570' FWL

OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

4-2-24

Signature

Date

Print Name

brian@permitswest.com

E-mail Address

505 466-8120

EFFECTIVE LATERAL

SEC. 13 (SE4/SW4)	721.27'
SEC. 13 (NE4/SW4)	1321.27'
SEC. 13 (SE4/NW4)	1323.36'
SEC. 13 (NE4/NW4)	1323.36'
SEC. 12 (SE4/SW4)	1222.74'
FTP-LTP	5912.00'

Special Notes:
ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM OF 1983 EAST.
CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W

SURVEYORS CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
01/20/2024
Date of Survey
Signature and Seal of Professional Surveyor:

Released to Imaging: 2/19/2025 2:38:46 PM

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div> Submittal Type: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> </div>
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WELL LOCATION INFORMATION

API Number 30-025-52947	Pool Code 97930	Pool Name WC-025 G-06; S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 303H
OGRID No. 13089	Operator Name LARIO OIL & GAS COMPANY	Ground Level Elevation 3977' GL
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		170' FSL	1961' FWL	32.741029	-103.51604	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	12	18S	34E		1273' FSL	2389' FEL	32.758618	-103.51309	LEA

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-23301			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	13	18S	34E		100' FSL	2390' FEL	32.740848	-103.51306	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	13	18S	34E		600' FSL	2390' FEL	32.742223	-103.513063	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	12	18S	34E		1223' FSL	2389' FEL	32.758480	-103.513094	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3977' GL
---	--	--

OPERATOR CERTIFICATIONS <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> <hr/> Signature _____ Date _____ Ryan Bruner <hr/> Printed Name ryanb@lario.net <hr/> Email Address	SURVEYOR CERTIFICATIONS <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> <hr/> Signature and Seal of Professional Surveyor _____ <div> <div>Certificate Number _____</div> <div>Date of Survey _____</div> </div>
---	---

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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.

NEW MEXICO EAST
NAD 1983

X=792634 Y=634287
LAT.: N 32.7410290
LONG.: W 103.5160376
170' FSL 1961' FWL

NEW MEXICO EAST
NAD 1983

X=793550 Y=634229
LAT.: N 32.7408482
LONG.: W 103.5130604
100' FSL 2390' FEL

NEW MEXICO EAST
NAD 1983

X=793545 Y=634729
LAT.: N 32.7422225
LONG.: W 103.5130630
600' FSL 2390' FEL

NEW MEXICO EAST
NAD 1983

X=793490 Y=640644
LAT.: N 32.7584800
LONG.: W 103.5130944
1223' FSL 2389' FEL

NEW MEXICO EAST
NAD 1983

X=793490 Y=640694
LAT.: N 32.7586175
LONG.: W 103.5130947
1273' FSL 2389' FEL

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature
Date

Print Name

E-mail Address

EFFECTIVE LATERAL	
SEC. 13 (SW4/SE/4)	722.16'
SEC. 13 (NW4/SE/4)	1322.16'
SEC. 13 (SW4/NE/4)	1323.95'
SEC. 13 (NW4/NE/4)	1323.95'
SEC. 12 (SW4/SE/4)	1222.92'
FTP-LTP	5915.14'

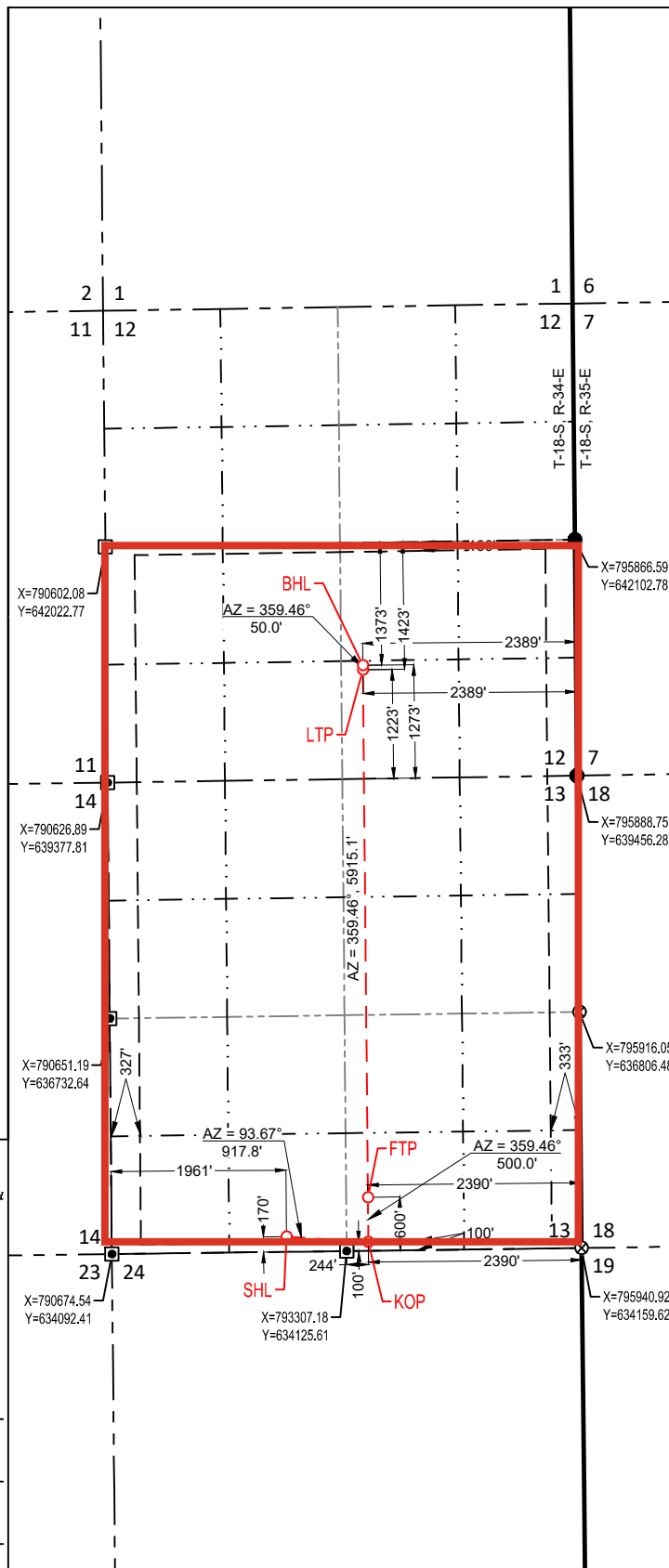


Diagram illustrating the relationship between True North (TN), Grid North (GN), and Magnetic North (MN) for the Topographic map of the area.

- True North (TN):** Indicated by a vertical line.
- Grid North (GN):** Indicated by a line slightly to the right of TN.
- Magnetic North (MN):** Indicated by a line further to the right, labeled with a large 'M'.
- Convergences:**
 - Grid Convergence N +00.44194° W (labeled vertically along the TN line)
 - Magnetic Convergence N +00.00000° E (labeled vertically along the MN line)
- Compass Rose:** A circular diagram showing the orientation of the map. The 'N' (North) is at the top, 'E' (East) is on the left, 'S' (South) is at the bottom, and 'W' (West) is on the right. The text 'Topographic' is written across the top of the rose.

Not To Scale

ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT
TO THE NEW MEXICO STATE PLANE COORDINATE
SYSTEM OF 1983 EAST.

CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W

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.

Date of Survey
Signature and Seal of Professional Surveyor:

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Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

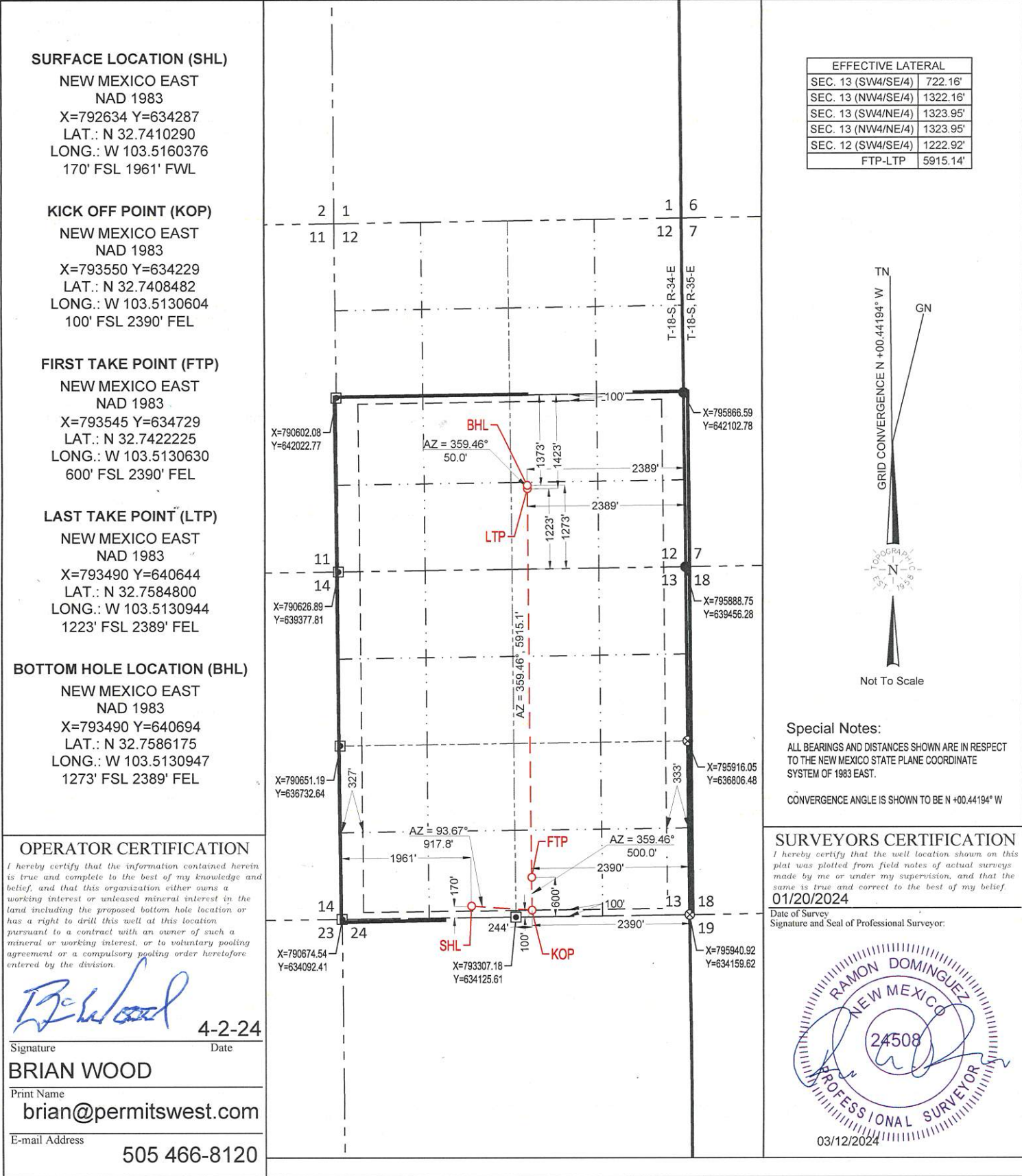
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Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 52947		Pool Code 97930		WC-025 G-06 S183518A;		Pool Name BONE SPRING			
Property Code		Property Name CLOSE ENCOUNTERS STATE COM				Well Number 303H			
OGRID No. 13089		Operator Name LARIO OIL & GAS				Elevation 3977'			
Surface Location									
UL or lot no. N	Section 13	Township 18-S	Range 34-E	Lot Idn -	Feet from the 170'	North/South line SOUTH	Feet from the 1961'	East/West line WEST	County LEA
Bottom Hole Location If Different From Surface									
UL or lot no. O	Section 12	Township 18-S	Range 34-E	Lot Idn -	Feet from the 1273'	North/South line SOUTH	Feet from the 2389'	East/West line EAST	County LEA
Dedicated Acres 960.00		Joint or Infill		Consolidated Code C		Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



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---	---	---

WELL LOCATION INFORMATION

API Number 30-025-52948	Pool Code 97930	Pool Name WC-025 G-06; S183518A; Bone Spring
Property Code 335737	Property Name CLOSE ENCOUNTERS STATE COM	Well Number 304H
OGRID No. 13089	Operator Name LARIO OIL & GAS COMPANY	Ground Level Elevation 3977' GL
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	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		145' FSL	1961' FWL	32.740960	-103.51604	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	12	18S	34E		1273' FSL	1069' FEL	32.758644	-103.50880	LEA

Dedicated Acres 960	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers. R-23301			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	13	18S	34E		100' FSL	1070' FEL	32.740867	-103.50877	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	13	18S	34E		600' FSL	1070' FEL	32.742241	-103.508770	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	12	18S	34E		1223' FSL	1069' FEL	32.758506	-103.508801	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3977' GL
---	--	--

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

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

Signature

Date

Ryan Bruner

Printed Name

ryanb@lario.net

Email Address

SURVEYOR CERTIFICATIONS

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.

Signature and Seal of Professional Surveyor

Certificate Number

Date of Survey

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.

SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=792635 Y=634262
LAT.: N 32.7409602
LONG.: W 103.5160372
145' FSL 1961' FWL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=794870 Y=634246
LAT.: N 32.7408669
LONG.: W 103.5087676
100' FSL 1070' FEL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST
NAD 1983
X=794865 Y=634746
LAT.: N 32.7422412
LONG.: W 103.5087702
600' FSL 1070' FEL

LAST TAKE POINT (LTP)

NEW MEXICO EAST
NAD 1983
X=794810 Y=640663
LAT.: N 32.7585064
LONG.: W 103.5088008
1223' FSL 1069' FEL

BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=794809 Y=640713
LAT.: N 32.7586439
LONG.: W 103.5088011
1273' FSL 1069' FEL

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature
Date

Print Name _____

E-mail Address

EFFECTIVE LATERAL	
SEC. 13 (SE4/SE/4)	722.89'
SEC. 13 (NE4/SE/4)	1322.89
SEC. 13 (SE4/NE/4)	1324.51
SEC. 13 (NE4/NE/4)	1324.51
SEC. 12 (SE4/SE/4)	1223.12
FTP-I-TP	5917.92



Special Notes:

ALL BEARINGS AND DISTANCES SHOWN ARE IN RESPECT
TO THE NEW MEXICO STATE PLANE COORDINATE
SYSTEM OF 1983 EAST.

CONVERGENCE ANGLE IS SHOWN TO BE N +00.44194° W

SURVEYORS CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor:

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Released to Imaging: 2/19/2025 2:38:46 PM
Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 52948	Pool Code 97930	WC-025 G-06 S183518A;	Pool Name BONE SPRING
Property Code	Property Name CLOSE ENCOUNTERS STATE COM		Well Number 304H
OGRID No. 13089	Operator Name LARIO OIL & GAS		Elevation 3977'

Surface Location

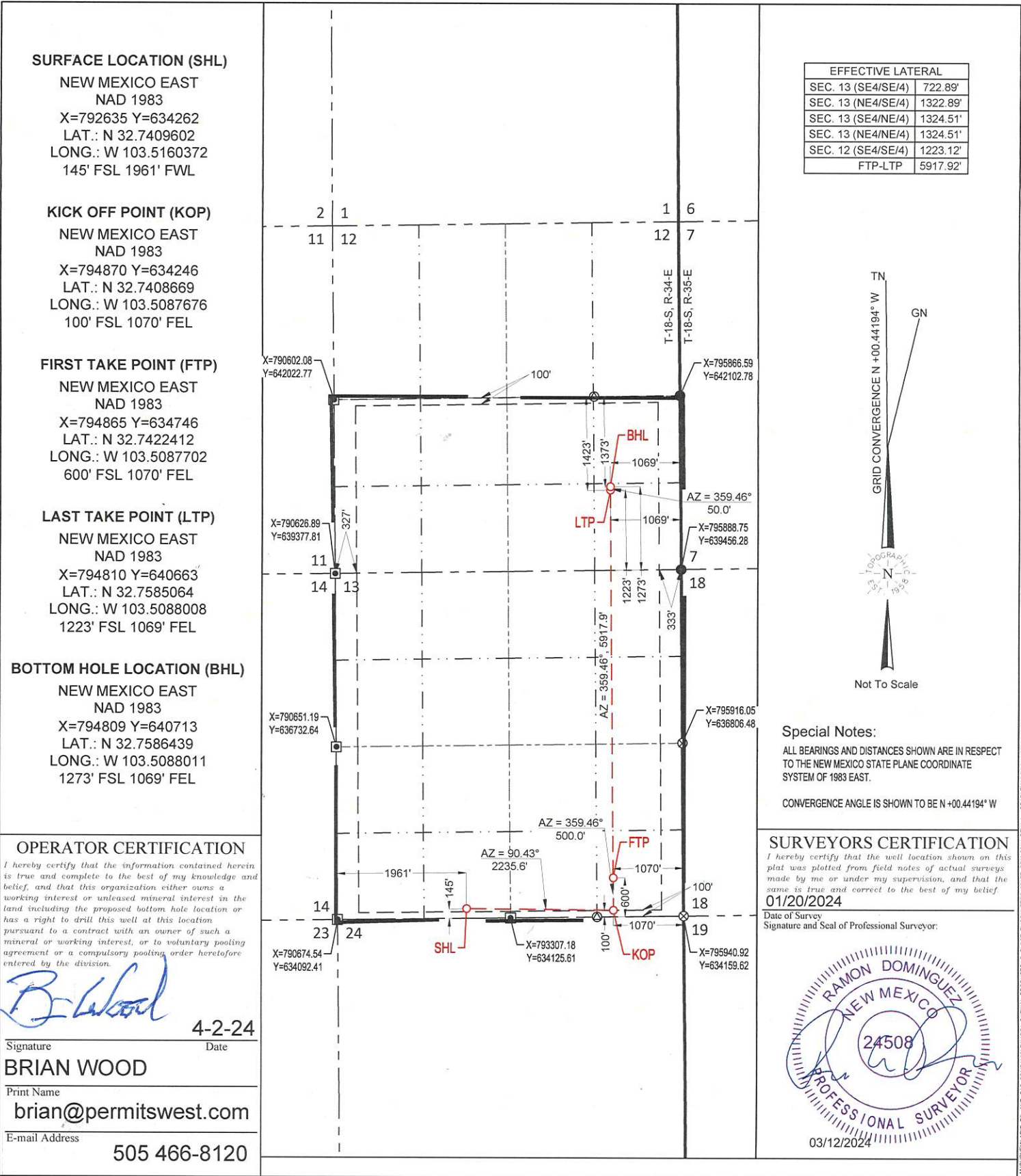
UL or lot no. N	Section 13	Township 18-S	Range 34-E	Lot Idn -	Feet from the 145'	North/South line SOUTH	Feet from the 1961'	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot no. P	Section 12	Township 18-S	Range 34-E	Lot Idn -	Feet from the 1273'	North/South line SOUTH	Feet from the 1069'	East/West line EAST	County LEA
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Dedicated Acres 960.00	Joint or Infill	Consolidated Code C	Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Interest Type	Affected Party	Location of Affected Acreage	Date letter Sent	Mail Tracking Number	
Working Interest	Cross Timbers Energy LLC 400 West 7th Street, Fort Worth, Texas 76102	S2NE Section 12-T18S-R35E	12/19/2024	921489014298	0411 4922 28
Working Interest	Chase Oil Corporation 113252 Lovington Hwy Artesia, NM 88210	Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 7-T18S- R35E	12/19/2024	921489014298	04114920 82
Working Interest	DiaKan Minerals, LLC P. O. Box 693 Artesia, NM 88211	Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 7-T18S- R35E	12/19/2024	921489014298	04114920 99
Working Interest	RDC Minerals, LLC P. O. Box 297 Artesia, NM 88211	Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 7-T18S- R35E	12/19/2024	921489014298	04114921 5
Working Interest	Ventana Minerals, LLC P. O. Box 359 Artesia, NM 88211- 0359	Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 7-T18S- R35E	12/19/2024	921489014298	04114921 12
Working Interest	Franklin Mountain Energy 3, LLC 44 Cook Street, Suite 1000 Denver, Colorado 80206	Lot 1 (NWNW), Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 18-T18S-R35E Lot 1 (NWNW) Section 19-T18S- R35E N2N2 Section 24-T18S-R34E	12/19/2024	921489014298	04114922 55
Working Interest	MorningStar Operating, LLC 400 West 7th Street Fort Worth, TX 76102	Lot 1 (NWNW), Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 18-T18S-R35E SENE, E2SW Section 11-T18S- R34E S2NW Section 12-T18S-R34E	12/19/2024	921489014298	04114921 36
Working Interest	DSD Energy II, LLC 1150 N. Kimbell Avenue, Suite 100 Southlake, TX 76092	Lot 1 (NWNW), Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 18-T18S-R35E	12/19/2024	921489014298	04114921 43
Working Interest	Loma Hombro Energy, LLC P.O. Box 50187 Midland, Texas 79710	Lot 1 (NWNW), Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) Section 18-T18S-R35E	12/19/2024	921489014298	04114922 42

Working Interest	Matador Resources Company One Lincoln Centre 5400 Lydon B Johnson Fwy Suite 1500 Dallas, TX 75240	NENE Section 23-18S-34E	12/19/2024	921489014298	04114921 67
Working Interest	Marathon Oil Permian, LLC 990 Town and Country Blvd Houston, TX 77024	NENE Section 23-18S-34E	12/19/2024	921489014298	04114921 74
Working Interest	Lario Oil & Gas Co. P. O. Box 29 Denver, CO 80201	E2SE, N2NW Section 14-18S-34E	12/19/2024	921489014298	04114921 81
Royalty Interest	New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe, NM 87501	Royalty Interest-ALL LANDS	12/19/2024	921489014298	04114921 98

LARIO OIL & GAS COMPANY

MAILING ADDRESS:
POST OFFICE BOX 29
DENVER, COLORADO 80201-0029



260 N JOSEPHINE, SUITE 400
DENVER, COLORADO 80206
(303) 595-8030
FAX (303) 595-4849

December 19, 2024

VIA CERTIFIED MAIL

TO: ALL AFFECTED PARTIES

Re: Application of Lario Oil and Gas Co. for Administrative Approval of a 960-Acre Non-Standard Horizontal Spacing Unit in the WC-025 G-06; S183518A; Bone Spring (Pool Code: 97930) comprised of All of Section 13 and the S/2 of Section 12, Township 18 South, Range 34 East, NMPM, Lea County, New Mexico.

To Whom It May Concern:

Enclosed is a copy of the referenced application, filed with the New Mexico Oil Conservation Division on this date. You are being sent a copy of this application per OCD's requirements to notify the interest owners in the affected offset acreage. Any objections to this application must be submitted in writing within 20 days from the date the Division receives this application at 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objections are filed within this time frame, the Division may grant administrative approval of the application. The application has been filed as of this date. This application amends what was sent on 12/6 to add the Division's updated C-102 forms.

If you have any questions, feel free to email me at dakota@lario.net or call me at (720) 573-9816.

Sincerely,

LARIO OIL & GAS CO.

Dakota Nahm

Dakota Nahm
Landman

LARIO OIL & GAS COMPANY

MAILING ADDRESS:
POST OFFICE BOX 29
DENVER, COLORADO 80201-0029



260 N JOSEPHINE, SUITE 400
DENVER, COLORADO 80206
(303) 595-8030
FAX (303) 595-4849

December 19, 2024

VIA ONLINE FILING

New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
Attn: Mr. Leonard Lowe
Engineering Bureau

Re: Application of Lario Oil and Gas Co. for Administrative Approval of a 960-Acre Non-Standard Horizontal Spacing Unit in the WC-025 G-06; S183518A; Bone Spring (Pool Code: 97930)

Dear Mr. Lowe,

Pursuant to 19.15.16.15(B)(5) NMAC, Lario Oil and Gas Co. (ORRID No. 13089) seeks administrative approval of a non-standard 960-acre horizontal spacing unit comprising All of Section 13 and the S/2 of Section 12, Township 18 South, Range 34 East, NMPM, Lea County, New Mexico. This proposed spacing unit will include the development of the following wells:

Close Encounters State Com #101H (API No. 30-025-52808)
Close Encounters State Com #102H (API No. 30-025-52809)
Close Encounters State Com #103H (API No. 30-025-52810)
Close Encounters State Com #104H (API No. 30-025-52811)
Close Encounters State Com #301H (API No. 30-025-52945)
Close Encounters State Com #302H (API No. 30-025-52946)
Close Encounters State Com #303H (API No. 30-025-52947)
Close Encounters State Com #304H (API No. 30-025-52948)

The Division has placed all wells in the WC-025 G-06 S183518A; Bone Spring (Pool Code: 97930), and the acreage in the non-standard spacing unit will be consolidated under a single Communitization Agreement.

Lario requests approval for this non-standard unit to enable efficient surface facility placement, reduced surface disturbance, and the consolidation of roads, tanks, and pipelines. These measures support effective well spacing, conservation, and waste prevention, while minimizing environmental impacts such as emissions from multiple tank batteries. The Division's rules encourage such developments to maximize efficiency and reduce surface disturbance in areas of common ownership.

The following exhibits are attached to this application:

- Exhibit A: Map of the proposed non-standard spacing unit and subject leases
- Exhibit B: Well Location and Acreage Dedication Plat (C-102) for each well in the unit.
- Exhibit C: Lease map showing notice tracts for the spacing unit.
- Exhibit D: Gunbarrel Diagram showing the Bone Spring target for the wells.
- Exhibit E: Spreadsheet of all affected parties in the offset acreage, including tracking information verifying certified mail delivery of this application and attachments. A copy of this application has also been provided to the State Land Office as state lands are involved.

Thank you for considering this application. If you have any questions or need additional information, please don't hesitate to email me at dakota@lario.net or call me at (720) 573-9816.

Sincerely,

LARIO OIL & GAS CO.

Dakota Nahm

Dakota Nahm
Landman

EXHIBIT A

Proposed Non-Standard Horizontal Spacing Unit
Close Encounters State Com
S/2 of Section 12 & ALL of 13 Section, T18S R34E
BONE SPRING FORMATION

960 Acres in Spacing Unit

<div>Tract 3 NM State B012580003 SW/4 12-18S-34E 160 ac.</div>	<div>Tract 1 NM State B009360026 N/2SE/4 12-18S-34E 80 ac.</div>	
	<div>Tract 2 NM State B009360026 S/2SE/4 12-18S-34E 80 ac.</div>	
<div>Tract 7 NM State VC11940000 SW/4 13-18S-34E 160 ac.</div>	<div>Tract 5 NM State VC06380003 W/2NE/4 13-18S-34E 80 ac.</div>	<div>Tract 4 NM State V065640000 E/2NE/4 13-18S-34E 80 ac.</div>
<div>Tract 6 NM State VC06370003 S/2 13-18S-34E 320 ac.</div>		

Recapitulation		
Tract Number	Number of Acres Committed	Percentage of Interest in Communitized Area
1	80	0.083333333
2	80	0.083333333
3	160	0.166666667
4	80	0.083333333
5	80	0.083333333
6	320	0.333333333
7	160	0.166666667
TOTAL:	960	1

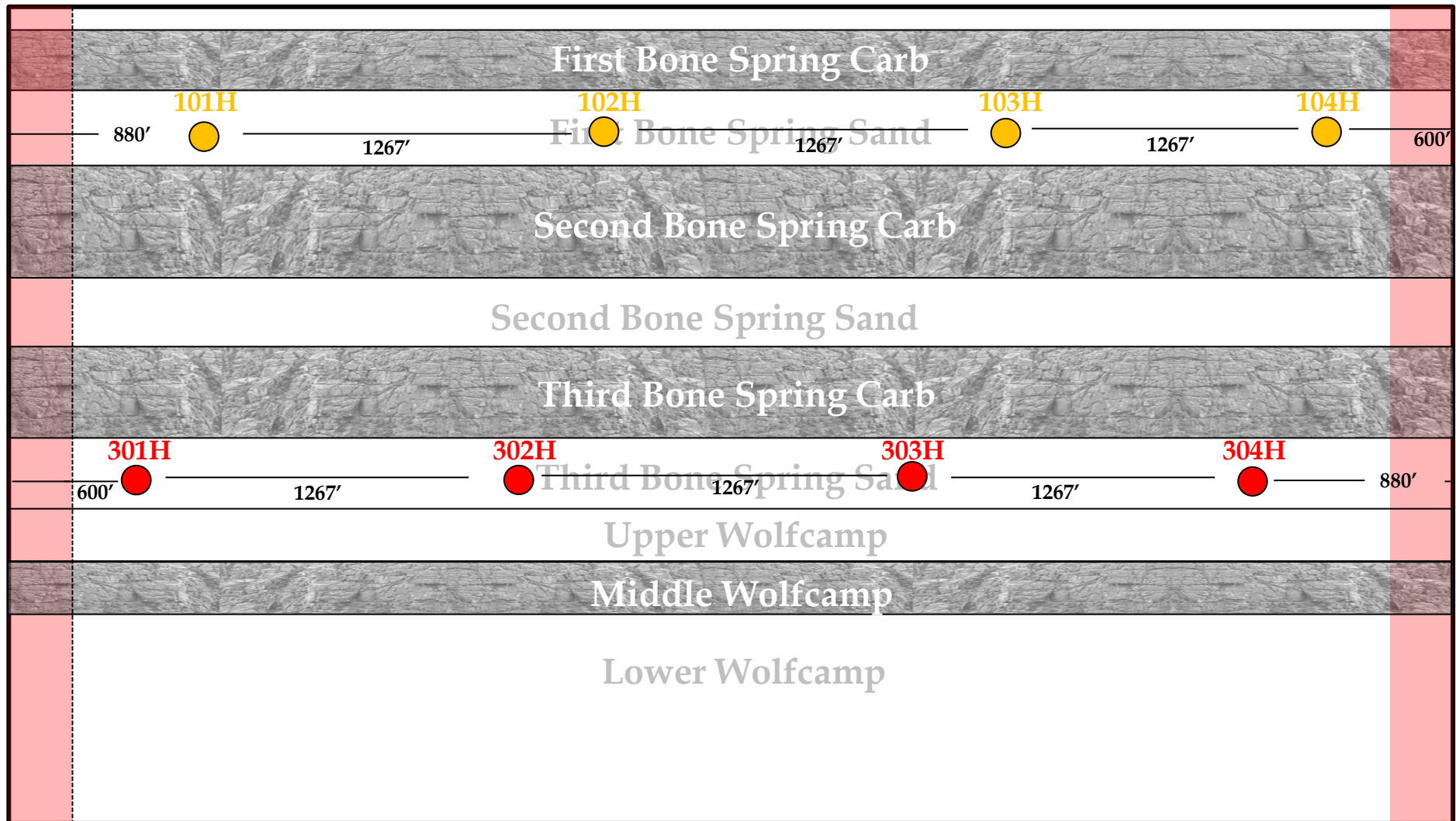
EXHIBIT C

SENE 11-18S-34E S2NW 12-18S-34E NMSLO B0-1258-3		S2NE 12-18S-34E NMSLO B0-0936-27		Lot 2 (SWNW) 7-18S-35E NMSLO E0-6002-7
E2SW 11-18S-34E NMSLO B0-1258-3		S/2 of Section 12-T18S-R34E Lea County		Lot 3 (NWSW), Lot 4 (SWSW) 7-18S-35E NMSLO E0-6002-6
E2NE 14-18S-34E NMSLO VC-1195				Lot 1 (NWNW), Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) 18-18S-35E NMSLO VB-1325
		ALL of Section 13-T18S-R34E Lea County		
E2SE 14-18S-34E NMSLO B0-3011-3				
NENE 23-18S-34E NMSLO VB-2276-1	N2N2 24-18S-34E NMSLO VB-1876-3			Lot 1 (NWNW) 19-18S-35E NMSLO VB-1499-4

960 ACRE NON STANDARD SPACING UNIT S2 12-18S-34E, AND ALL 13-18S-34E
SENE 11-18S-R34E S2NW 12-18S-R34E NMSLO - B0-1258-3 MorningStar Operatong LLC WI
S2NE 12-18S-35E NMSLO - BO-0936-27 Cross Timbers Energy, LLC WI
Lot 4 (NWSW) 7-18S-35E NMSLO - E0-6002-7 Chase Oil Corporation WI DiaKan Minerals, LLC WI Ventana Minerals, LLC WI RDC Minerals, LLC WI
Lot 3 (NWSW), Lot 4 (SWSW) 7-18S-35E NMSLO - E0-6002-6 Chase Oil Corporation WI DiaKan Minerals, LLC WI Ventana Minerals, LLC WI RDC Minerals, LLC WI
Lot 1 (NWNW), Lot 2 (SWNW), Lot 3 (NWSW), Lot 4 (SWSW) 18-18S-35E NMSLO - VB-1325 Franklin Mountain Energy 3, LLC WI Loma Hombre Energy, LLC WI DSD Energy II, LLC WI Cavalry Resources LLC WI
Lot 1 (NWNW) 19-18S-35E NMSLO - VB-1499-4 Franklin Mountain Energy 3, LLC WI
N2N2 24-18S-34E NMSLO - VB-1876-3 Franklin Mountain Energy 3, LLC WI
NENE 23-18S-34E NMSLO - VB-2276-1 Matador Resources Company WI Marathon Oil Permian, LLC WI
E2SE 11-18S-34E NMSLO - B0-3011-3 Lario Oil & Gas Co. WI
E2NE 11-18S-34E NMSLO - VC-1195 Lario Oil & Gas Co. WI
SWNW, E2SW 11-18S-34E NMSLO - B0-1258-3 Lario Oil & Gas Co. WI MorningStar Operatong LLC WI

EXHIBIT D

Close Encounters State Com Unit Development (Gunbarrel View)



5280'

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 414163

CONDITIONS

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 414163
	Action Type: [UF-NSP] Non-Standard Proration (NSP)

CONDITIONS

Created By	Condition	Condition Date
llowe	None	12/23/2024