

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-101
August 1, 2011
Permit 162871

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address COG OPERATING LLC One Concho Center Midland, TX 79701		2. OGRID Number 229137
4. Property Code 308169		3. API Number 30-015-41141
5. Property Name SRO STATE UNIT		6. Well No. 043H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	17	26S	28E	D	190	N	990	W	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	20	26S	28E	M	330	S	990	W	Eddy

9. Pool Information

HAY HOLLOW BONE SPRING	30215
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable Rotary	14. Lease Type State	15. Ground Level Elevation 3113
16. Multiple N	17. Proposed Depth 17762	18. Formation Bone Spring	19. Contractor	20. Spud Date 3/1/2013
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	350	350	
Int1	12.25	9.625	36	2350	650	
Prod	7.875	5.5	17	17762	2200	2100

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 350' with Fresh Water. Run 13-3/8", 48#, J-55 csg and cmt to surface. Drill 12-1/4" hole to 2350' with Brine, and run 9-5/8", 36#, J55 and cement to surface. Drill 7-7/8" vertical, curve and lateral with cut brine to approx 17,762' MD. Run 5-1/2", 17#, P-110 csg and cement to 2100' in 1 stage.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature: Printed Name: Electronically filed by Diane Kuykendall Title: Production Reporting Mgr Email Address: dkuykendall@conchoresources.com Date: 2/21/2013 Phone: 432-683-7443		OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 2/26/2013 Expiration Date: 2/26/2015 Conditions of Approval Attached
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BEFORE THE OIL CONSERVATION
 COMMISSION
 Santa Fe, New Mexico
 Exhibit No. 8
 Submitted by: COG OPERATING LLC
 Hearing Date: February 28, 2017

BEFORE THE OIL CONSERVATION
 DIVISION
 Santa Fe, New Mexico
 Exhibit No. 8
 Submitted by: COG Operating LLC
 Hearing Date: May 4, 2016

2a b 89

RECEIVED
FEB 26 2013
NMOCD ARTSIA
Form C-192
Submitted to appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT I
1025 N. FRANKLIN DR., SUITE 200, NM 87505

DISTRICT II
1801 W. GRAND AVENUE, ALBUQUERQUE, NM 87102

DISTRICT III
1000 RIO BRAZOS RD. ASTEC, NM 87410

DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
11885 SOUTH ST FRANCIS DR
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015- 41141	Pool Code 30215	Pool Name Hay Hollow, Bone Spring
Property Code 308169	Property Name SRO STATE UNIT	Well Number 43H
Section No. 229137	Operator Name COG OPERATING, LLC	Elevation 3113

Surface Location

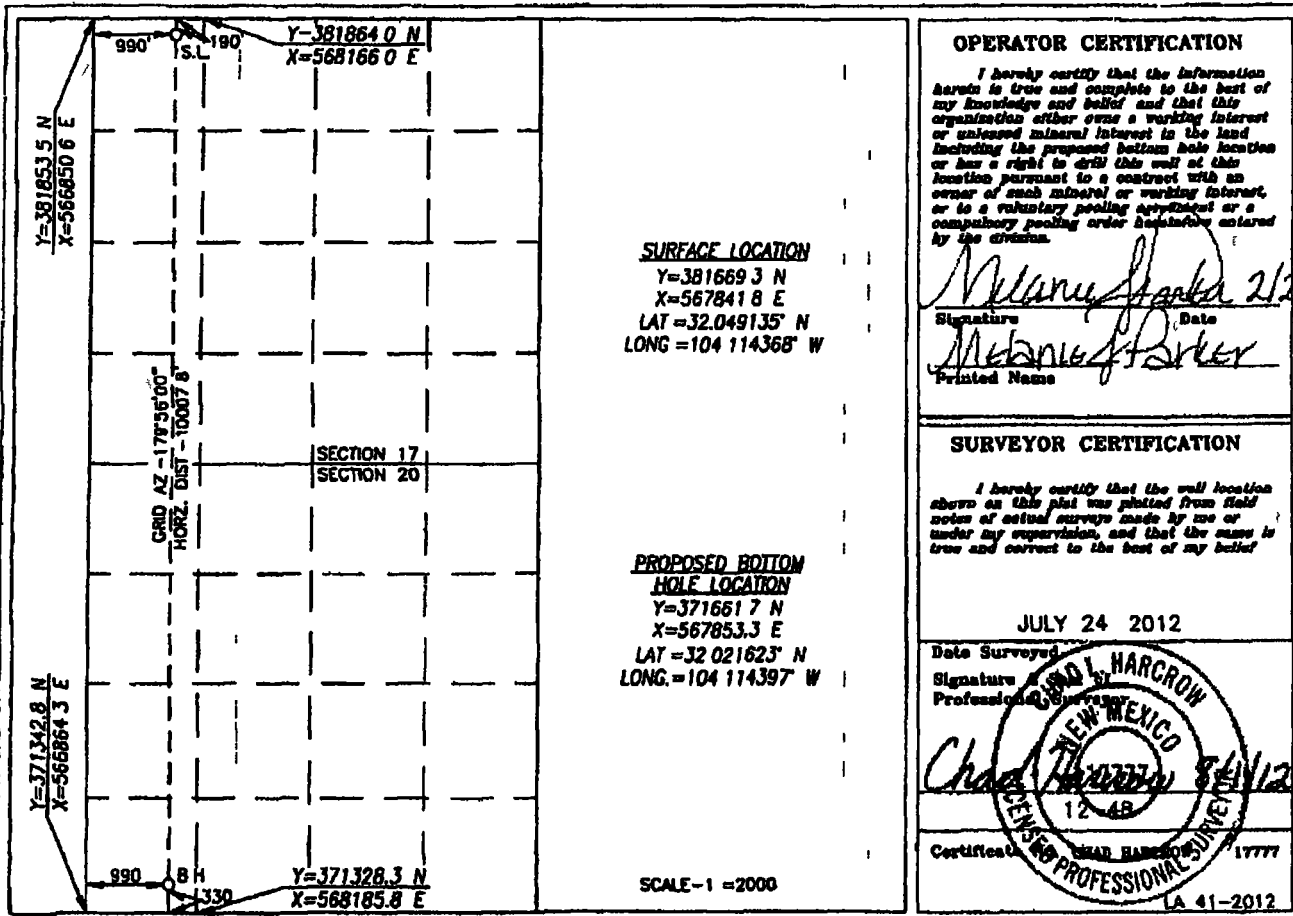
UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	17	26-S	28-E		190	NORTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	20	26-S	28-E		330	SOUTH	990	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Melanie Frank 2/26/13
Signature Date
Melanie Frank
Printed Name

SURVEYOR 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

JULY 24 2012

Date Surveyed
Signature
Professional Surveyor

Chad Hargrow 8/1/12
12-48
Certified CHAD HARGROW 17777
LA 41-2012

SURFACE LOCATION

Y=381669.3 N
X=567841.8 E
LAT =32.049135° N
LONG =104.114368° W

PROPOSED BOTTOM HOLE LOCATION

Y=371661.7 N
X=567853.3 E
LAT =32.021623° N
LONG =104.114397° W

SCALE-1 =2000

Submit 1 Copy To Appropriate District
Office
District I - (575) 393 6161
1625 N French Dr Hobbs, NM 88240
District II - (575) 748 1283
100 S First St Artesia NM 88210
District III - (505) 334-6178
000 Rio Brazos Rd Aztec NM 87410
District IV - (505) 476-3460
1220 S St Francis Dr Santa Fe NM
87505

State of New Mexico
Energy Minerals and Natural Resources

Form C 103
Revised August 1 2011

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

WELL API NO	30-015-41141
5 Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6 State Oil & Gas Lease No	
7 Lease Name or Unit Agreement Name	
SRO STATE UNIT	
8 Well Number	#043H
9 OGRID Number	229137
10 Pool name or Wildcat	Hay Hollow, Bone Spring

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

1 Type of Well Oil Well ☒ Gas Well ☐ Other

2 Name of Operator

COG Operating LLC

3 Address of Operator

600 W Illinois Ave , Midland, TX 79701

4 Well Location

Unit Letter **D** **190** feet from the **North** line and **990** feet from the **West** line

Section **17** Township **26S** Range **28E** NMPM **Eddy** County

11 Elevation (Show whether DR RKB RT GR etc)

3113' GR

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

NOTICE OF INTENTION TO

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER Name Change ☒

OTHER ☐

13 Describe proposed or completed operations (Clearly state all pertinent details and give pertinent dates including estimated date
of starting any proposed work) SEE RULE 19 15 7 14 NMAC For Multiple Completions Attach wellbore diagram of
proposed completion or recompletion

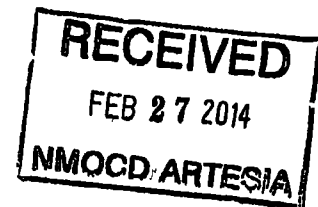
COG Operating LLC respectfully requests that this well name be changed as follows

From SRO STATE UNIT #043H

To SRO STATE COM #043H (40112)

The SRO State Unit will terminate March 1, 2014

We request that these name changes be effective March 1, 2014



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

SIGNATURE Melanie J Parker TITLE Regulatory Analyst DATE 02/26/2014

or print name Melanie J Parker E mail address mparker@concho.com PHONE 575-748-6940
State Use Only

APPROVED BY T.C. Shepard TITLE "Geologist" DATE 2-27-2014

Conditions of Approval (if any) Provide C102

DISTRICT I

1825 N. FRANKLIN DR., DUNSMO, NM 87004

DISTRICT II

1201 W. GRAND AVENUE, ALBUQUERQUE, NM 87102

DISTRICT III

1000 N. 2ND STREET, ALBUQUERQUE, NM 87102

DISTRICT IV

1100 N. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

11885 SOUTH ST FRANCIS DR
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2010

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-41141	Pool Code 30215	Pool Name Hay Hollow, Bone Spring
Property Code 308169	Property Name SRO STATE COM	Well Number 43H
OGED No. 229137	Operator Name COG OPERATING, LLC	Elevation 3113'

Surface Location

UL or lot No	Section	Township	Range	Lot No	Feet from the	North/South line	Feet from the	East/West line	County
D	17	26-S	28-E		190	NORTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No	Section	Township	Range	Lot No	Feet from the	North/South line	Feet from the	East/West line	County
M	20	26-S	28-E		330	SOUTH	990	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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

	<p>SURFACE LOCATION Y=381864.0 N X=568166.0 E</p> <p>PROPOSED BOTTOM HOLE LOCATION Y=371661.7 N X=567853.3 E LAT=32.049135° N LONG=104.114368° W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 the well of this location pursuant to a contract with an owner of such mineral or working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Mayte Reyes</i> 3-6-14 Signature Date Mayte Reyes Printed Name mreyes1@concho.com</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JULY 24, 2012</p> <p>Date Surveyed Signature Professional Seal <i>Chad Harcrow</i> 8/1/12 12 AB Certified Professional Surveyor 17777 LA 41-2012</p>	

SCALE-1 -2000

District I 1625 N. French Dr. Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II S. First St. Artesia, NM 88210 Phone: (575) 748-1263 Fax: (575) 748-0720 District III 1000 Rio Brazos Rd. Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St Francis Dr. Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S St Francis Dr Santa Fe, NM 87505	Form C-103 August 1, 2011 Permit 190856 WELL API NUMBER 30-015-41141 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name SRO STATE COM		
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS)				
1. Type of Well O		8. Well Number 043H		
2. Name of Operator COG OPERATING LLC		9. OGRID Number 229137		
3. Address of Operator One Concho Center 600 W Illinois Ave, Midland, TX 79701		10. Pool name or Wildcat		
4. Well Location Unit Letter <u>D</u> <u>190</u> feet from the <u>N</u> line and feet <u>990</u> from the <u>W</u> line Section <u>17</u> Township <u>26S</u> Range <u>28E</u> NMPM _____ County <u>Eddy</u>				
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3113 GR				
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank Volume _____ bbls Construction Material _____				
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width:100%;"> <tr> <td style="width:50%; vertical-align: top;"> NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other _____ </td> <td style="width:50%; vertical-align: top;"> SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: Spud <input checked="" type="checkbox"/> </td> </tr> </table>			NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other _____	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: Spud <input checked="" type="checkbox"/>
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103 For Multiple Completions. Attach wellbore diagram of proposed completion or recompletion. 8/2/2014 Spudded well.				
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NIMOC guidelines <input type="checkbox"/> general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .				
SIGNATURE <u>Electronically Signed</u> TITLE <u>Production Reporting Mgr</u> DATE <u>8/14/2014</u> Type or print name <u>Diane Kuykendall</u> E-mail address <u>dkuykendall@conchoresources.com</u> Telephone No. <u>432-683-7443</u>				
For State Use Only APPROVED BY <u>Randy Dade</u> TITLE <u>District Supervisor</u> DATE <u>8/15/2014</u>				

District I
1625 N French Dr Hobbs, NM 88240
Phone (575) 333-6161 Fax (575) 393-0720

District II
1010 Rte Brazos Rd Alameda NM 87410
Phone (505) 334-6178 Fax (505) 334-6170

District III
1200 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 NM 87505

NM OIL CONSERVATION
ARTESIA DISTRICT
MAR 9 2015

Form C 102
Revised August 1 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT
(As Drilled)

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30 015-41141		² Pool Code 30215		³ Pool Name Hay Hollow, Bone Spring	
⁴ Property Code 40112		⁵ Property Name SRO State Com			⁶ Well Number 43H
⁷ OGRID No. 229137		⁸ Operator Name COG Operating LLC			⁹ Elevation 3082' GR

10 Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	17	26S	28E		190	North	990	West	Eddy

11 Bottom Hole Location If Different From Surface									
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	20	26S	28E		351	South	918	West	Eddy

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief and that this organization in its own right owns the interest or owned mineral unit in the land including the proposed bottom hole location and has the right to drill the well at this location in part or in whole to construct the owner of such mineral or working interest to voluntary pooling agreement or compulsory pooling order without prejudice to the division.</p> <p style="text-align: right;"> Signature 3/5/15 Date </p> <p>Stormi Davis Printed Name</p> <p>sdavis@concho.com E-mail Address</p> <p style="text-align: center;">Sec 17 T26S R28E</p> <p style="text-align: center;">Sec 20 T26S R28E</p> <p>18 SURVEYOR CERTIFICATION</p> <p>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</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p style="text-align: center;">REFER TO ORIGINAL PLAT</p> <p>Certificate Number</p>
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