

DEPARTMENT OF THE ARMY U.S. ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT 7400 LEAKE AVENUE NEW ORLEANS LA 70118-3651

September 2, 2024

Regulatory Division
Central Evaluation Branch

Project Manager:
Zach Steinkoenig
(504) 862-1288
Zachary.j.steinkoenig@usace.army.mil

Application #: MVN-2008-02233-CF

PUBLIC NOTICE

Interested parties are hereby notified that a permit application has been received by the U.S. Army Corps of Engineers (USACE), New Orleans District (CEMVN) pursuant to: [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

PROPOSED WELL PADS AND ACCESS ROADS FOR 3 NEW BRINE WELLS WITHIN THE WHITE CASTLE FIELD in IBERVILLE PARISH

NAME OF APPLICANT: Texas Brine Company, LLC c/o: Miller Engineers & Associates, Inc., attn.: Mr. Joel Miller, 601 Main Street, Franklin, LA 70538.

LOCATION OF WORK: Located along Hwy 404 at the Texas Brine White Castle Facility, in Iberville Parish, Louisiana, (lat. 30.124531, long. -91.237606), as shown within the attached drawings. (Hydrologic Unit Code 08070300 within the Terrebonne Basin.

CHARACTER OF WORK: The applicant has requested Department of Army authorization to clear, grade, and fill wetlands for the construction of three brine wells (Well No.10, 14, and 15), pads, and access roads at the Texas Brine White Castle Facility. The proposed wells will connect to existing wells via proposed pipelines. Approximately 8.11 acres of mixed forested and emergent wetlands will be permanently impacted from the construction of the wells and pads. Approximately 0.22 acre of emergent wetlands will be temporarily impacted for the construction and placement of the pipelines connecting the proposed wells to the existing well infrastructure at the facility.

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<u>MITIGATION:</u> The applicant states that the proposed pads and access roads are placed as close to possible to existing well pads and access roads to minimize road lengths and pad sizes have been minimized to still enable safe drilling activities. Additionally, the applicant stated that they will purchase mitigation credits from an approved bank to offset permanent impacts to wetlands.

The comment period for the requested Department of Army Permit will close **20** days from the date of this public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit request, and must be submitted so as to be received before or by the last day of the comment period. Letters and/or comments concerning the subject permit application must reference the Applicant's Name and the Permit Application Number and can be preferably emailed to the CEMVN's project manager listed above or forwarded to the CEMVN at the address above, ATTENTION: REGULATORY DIVISION, RGC, Zach Steinkoenig. Individuals or parties may also request an extension of time in which to comment on the proposed work by mail or preferably by emailing the specified project manager listed above. Any request for an extension of time to comment must be specific and substantively supportive of the requested extension and received by this office prior to the end of the initial comment period. The Branch Chief will review the request and the requester will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous and inclusive of the initial comment period and will not exceed a total of 30 calendar days. This public notice is also available for review online at https://go.usa.gov/xennJ.

USACE Permit Criteria

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

CEMVN is soliciting comments from area residents, the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to

consider and evaluate the impacts of this proposed activity. Any comments received will be considered by CEMVN to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on communities with environmental justice concerns, endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. Further, all factors that may be relevant to the proposal will be considered, including the potential cumulative effects associated with the proposed project.

CEMVN is presently unaware of properties listed on the National Register of Historic Places at or near the proposed work but is pending further review in accordance with the National Historic Preservation Act. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. As deemed necessary, copies of this public notice will be sent to the State Archeologist, State Historic Preservation Officer, and federally listed tribes regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would have no effect on any species listed as endangered by the U.S. Department of Commerce, nor affect any habitat designated as critical to the survival and recovery of any such species.

Based on the Information Planning and Consultation (IPaC) tool for Endangered Species in Louisiana, as signed on January 27, 2020, between the CEMVN and the U.S. Fish and Wildlife Service, Ecological Services Office (USFWS), it has been determined that the proposed project would have no effect to any species listed as threatened or endangered by the USFWS, nor affect any habitat designated as critical to the survival and recovery of any such species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction, alteration, and/or disturbance of **0** acres of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines

established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the LA Department of Environmental Quality before a Department of the Army permit is issued.

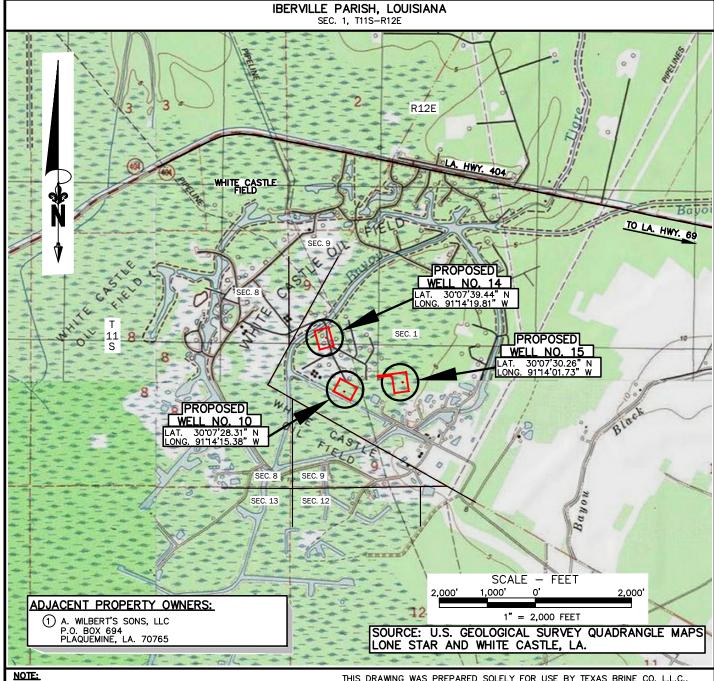
Any person may request, (preferably by email to the project manager, or in writing), within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

You are invited to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

Sincerely,

John M. Herman Chief, Central Evaluation Branch Regulatory Division

Enclosure



THIS DRAWING WAS PREPARED SOLELY FOR ACQUISITION OF REGULATORY PERMITS AND DO NOT REPRESENT ENGINEERING OR CONSTRUCTION PLANS. PROPERTY LINES SHOWN ARE FROM COMPILED DATA ACQUIRED FROM ASSESSOR RECORDS AND DO NOT REPRESENT A BOUNDARY SURVEY.

* SEE SHEET 22 OF 22 FOR GENERAL NOTES AND REFERENCES.

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M.E. & A. DWG. NO. 14945-1 VICINITY MAP



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DRAWN	CHKD.	APPD.
RG	JUM	JJM



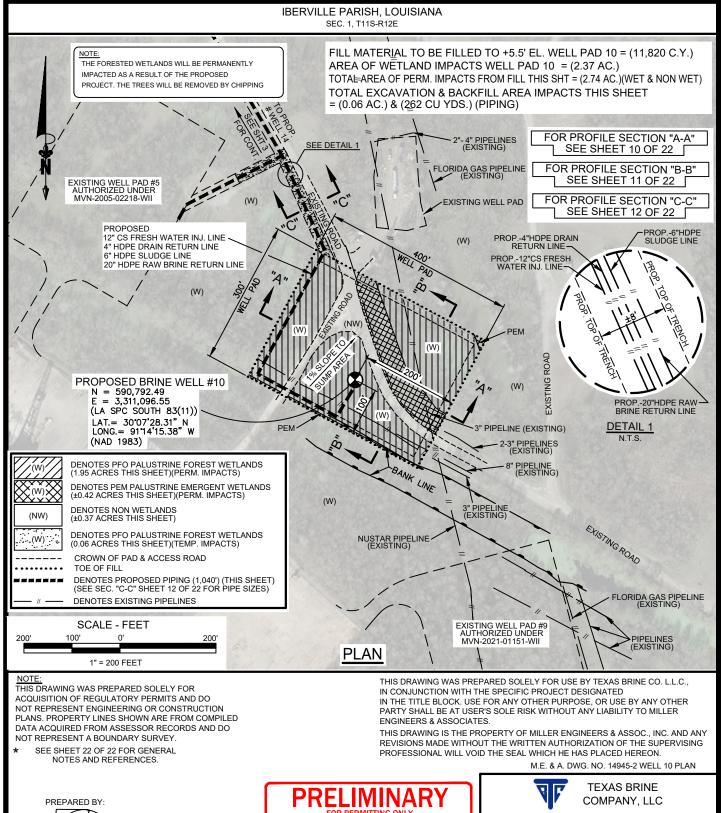
TEXAS BRINE COMPANY, LLC

C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15 AT WHITE CASTLE FIELD

VICINITY MAP

IBERVILLE PARISH

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.	LOUISIANA
0	10/24/23	ISSUED DRAWINGS	RG	JJM	JJM	SHEET 1 OF 22



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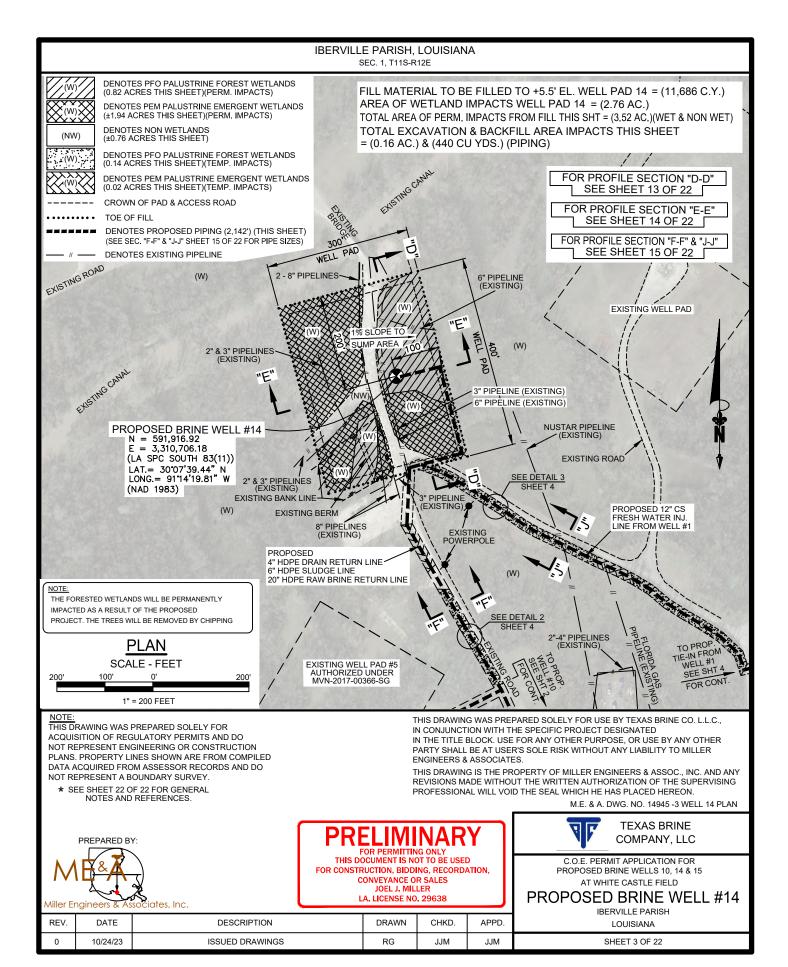
PROPOSED BRINE WELL #10

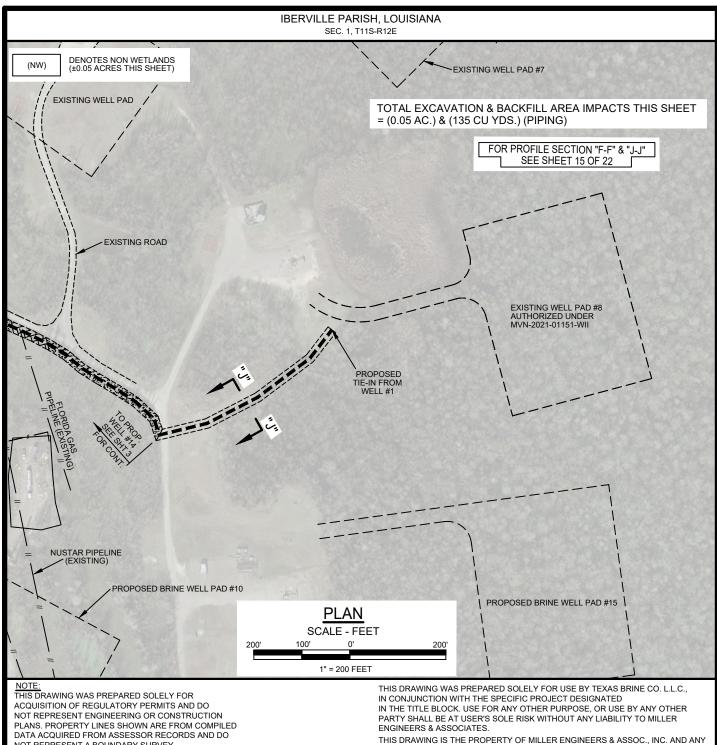
IBERVILLE PARISH

LOUISIANA

SHEET 2 OF 22

Miller Er	ngineers & As	sociates, Inc.	A. LICENSE NO	. 29638	
REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
1	05/22/24	CHANGED C.O.E. PERMIT # FOR WELL 5	RG	JJM	JJM





NOT REPRESENT A BOUNDARY SURVEY.

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M.E. & A. DWG. NO. 14945 -4 WELL 14 PLAN



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TEXAS BRINE COMPANY, LLC

C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15 AT WHITE CASTLE FIELD

PROPOSED BRINE WELL #14

IBERVILLE PARISH

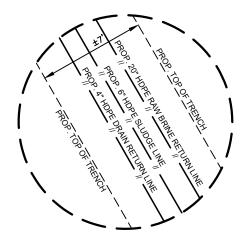
LOUISIANA

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
1	05/22/24	ADDED C.O.E. PERMIT # FOR WELL 8	RG	JJM	JJM

SHEET 4 OF 22

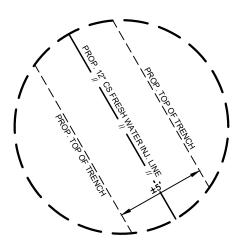
IBERVILLE PARISH, LOUISIANA

SEC. 1, T11S-R12E





DETAIL 2 N.T.S.



DETAIL 3

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M.E. & A. DWG. NO. 14945-5 WELL 14 DETAILS



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REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
0	10/24/23	ISSUED DRAWINGS	RG	JJM	JJM



TEXAS BRINE COMPANY, LLC

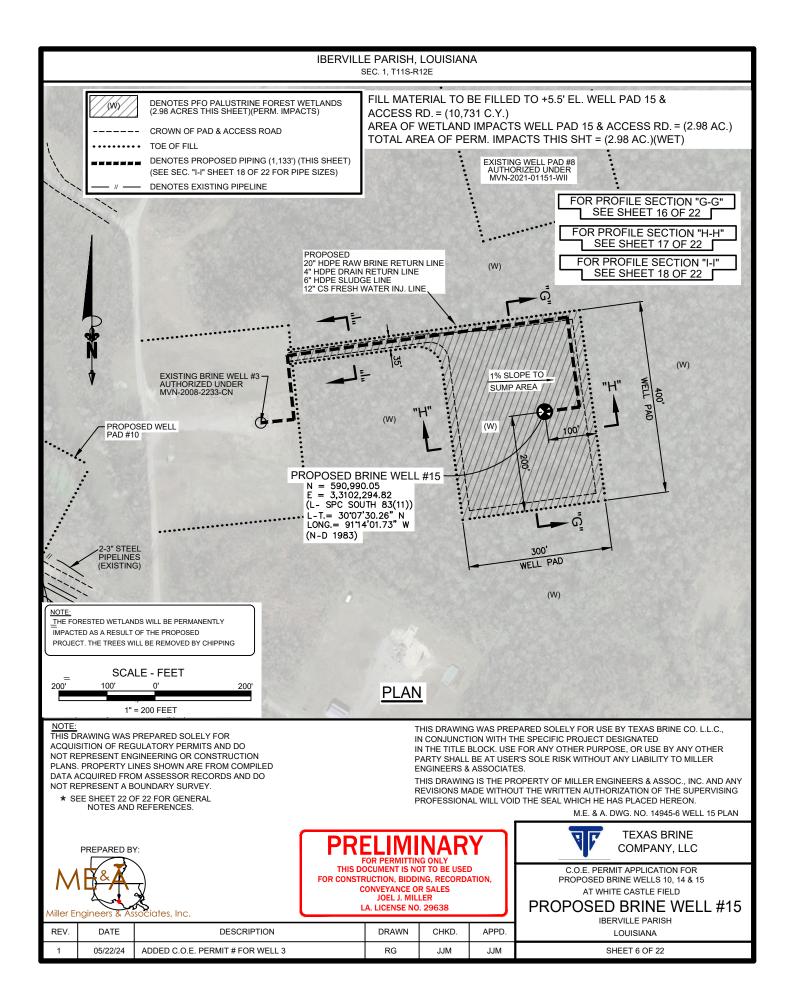
C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15 AT WHITE CASTLE FIELD

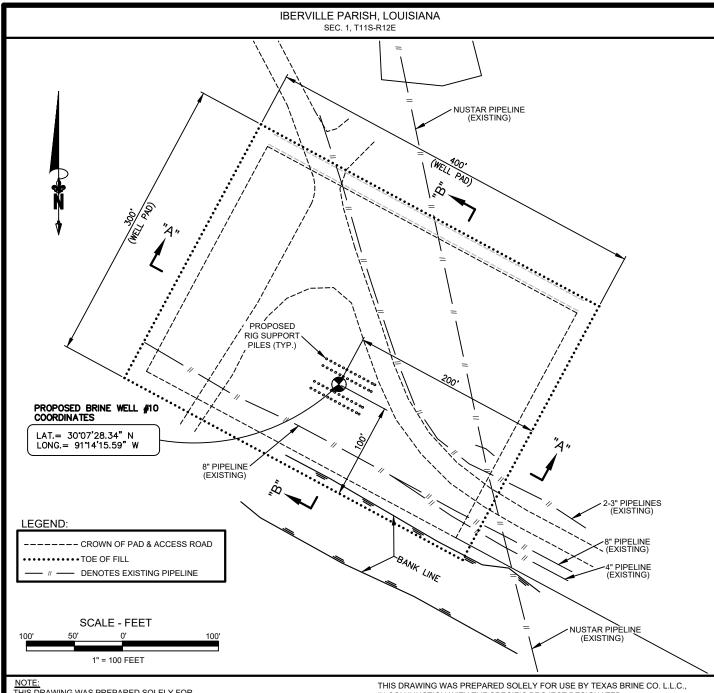
PROPOSED BRINE WELL #14

IBERVILLE PARISH

LOUISIANA

SHEET 5 OF 21





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M.E. & A. DWG. NO. 14945-7 WELL 10 RIG LAYOUT



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C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15

PROPOSED BRINE WELL #10

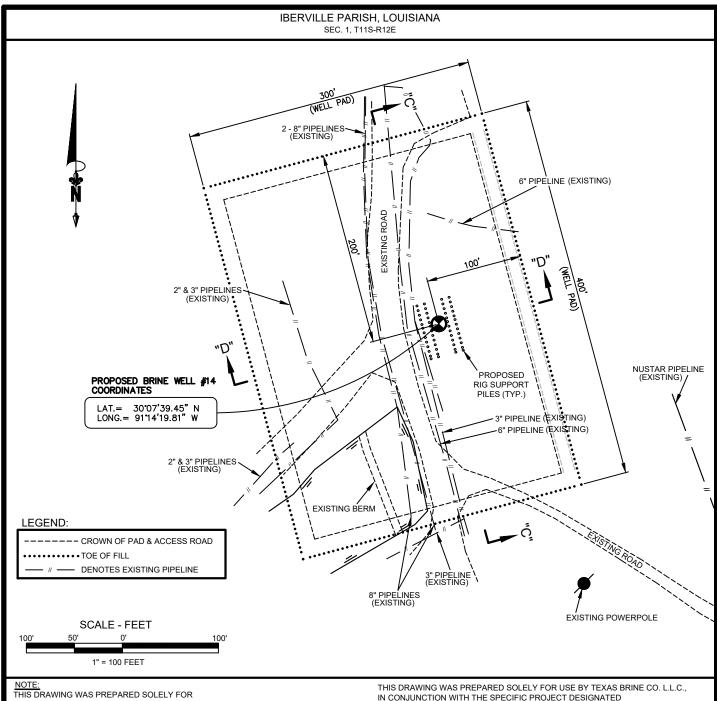
(RIG LAYOUT)

IBERVILLE PARISH
LOUISIANA

LOUISIANA

SHEET 7 OF 22

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.	L
0	10/24/23	ISSUED DRAWINGS	RG	JJM	JJM	ſ



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M.E. & A. DWG. NO. 14945-8 WELL 14 RIG LAYOUT



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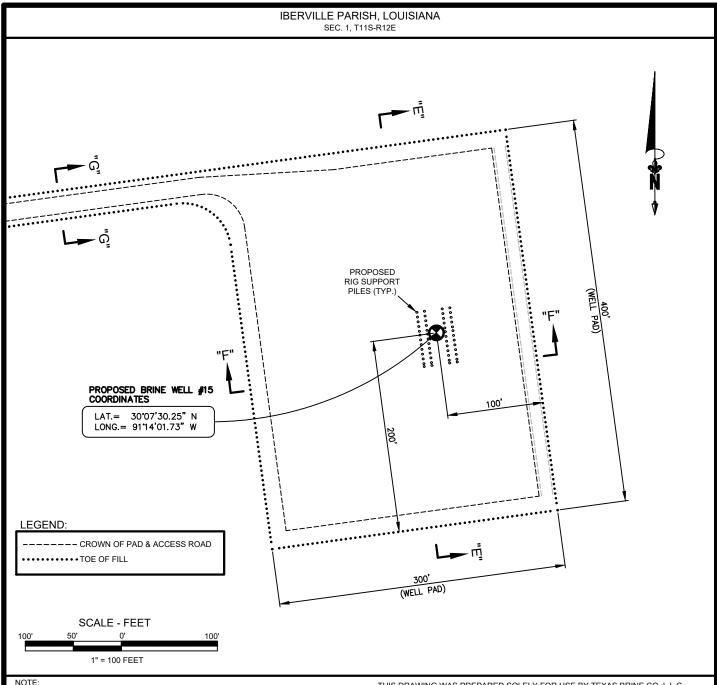
TEXAS BRINE COMPANY, LLC

C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15

AT WHITE CASTLE FIELD PROPOSED BRINE WELL #14

(RIG LAYOUT) IBERVILLE PARISH LOUISIANA

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
0	10/24/23	ISSUED DRAWINGS	RG	JJM	JJM



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M.E. & A. DWG. NO. 14945-9 WELL 15 RIG LAYOUT



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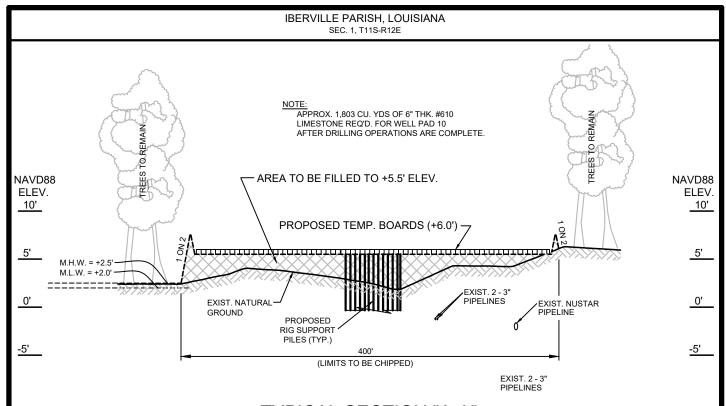
C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15

AT WHITE CASTLE FIELD PROPOSED BRINE WELL #15 (RIG LAYOUT)

IBERVILLE PARISH LOUISIANA

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
0	10/24/23	ISSUED DRAWINGS	RG	JJM	JJM

SHEET 9 OF 22



TYPICAL SECTION "A-A" PAD 10 (LOOKING NORTHEAST) PROPOSED WELL



NOTES

- 1. DITCHES ON PROPOSED PAD SHALL SLOPE TO A RETAINING SUMP AREA AND ANY RUN OFF SHALL BE REMOVED FROM SITE.
- 2. SUMP, DITCHES & RING LEVEE ARE TEMPORARY FOR DRILLING OPERATIONS AND REMOVED AFTER COMPLETION OF DRILLING.

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M.E. & A. DWG. NO. 14945-10 WELL 10 TYP SECTION A-A



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DRAWN	CHKD.	APPD.				
RG	JJM	JJM				



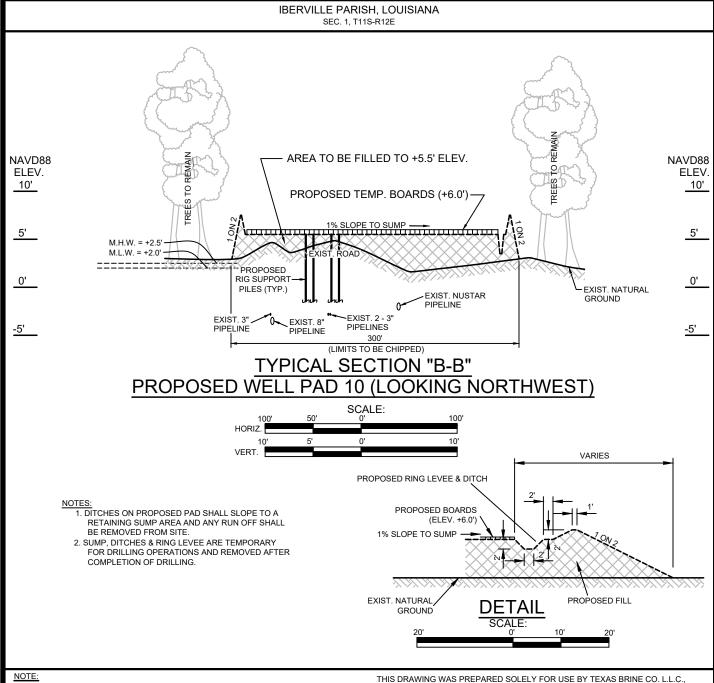
TEXAS BRINE COMPANY, LLC

C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15 AT WHITE CASTLE FIELD

TYPICAL SEC. "A-A" PROPOSED WELL PAD 10

IBERVILLE PARISH LOUISIANA **SHEET 10 OF 22**

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
0	10/24/23	ISSUED DRAWINGS	RG	JJM	JJM



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M.E. & A. DWG. NO. 14945-11 WELL 10 TYP SECTION B-B



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0	10/24/23	ISSUED DRAWINGS	RG	JJM	JJM

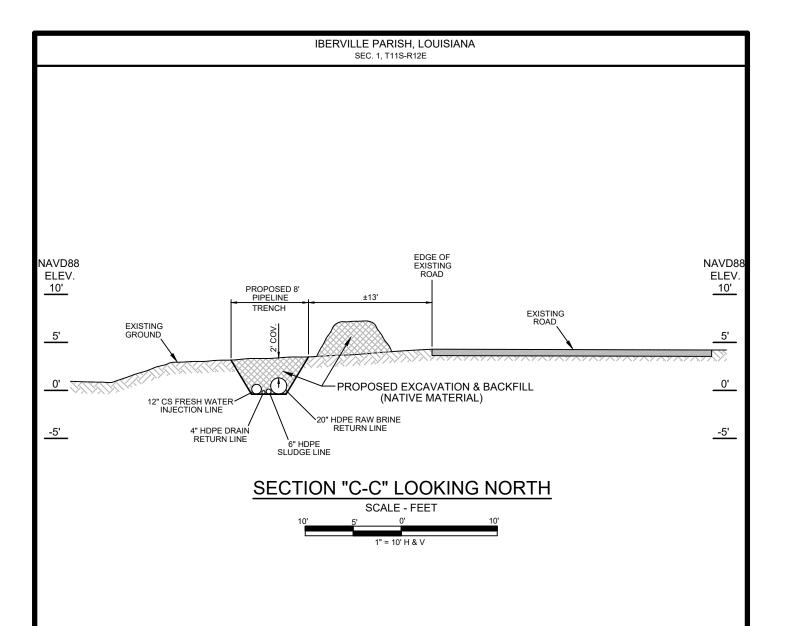


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C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15 AT WHITE CASTLE FIELD

TYPICAL SEC. "B-B" PROPOSED WELL PAD 10

IBERVILLE PARISH LOUISIANA SHEET 11 OF 22



NOTE:

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DESCRIPTION

ISSUED DRAWINGS

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M.E. & A. DWG. NO. 14945-12 WELL 10 TYP SECTION C-C



10/24/23

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LA. LICENSE NO. 29638

RG

DRAWN	CHKD.	APPD.

J.IM

J.IM



TEXAS BRINE COMPANY, LLC

C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15 AT WHITE CASTLE FIELD

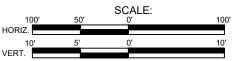
SEC. "C-C" FOR PROPOSED ACCESS TO WELL PAD 10

IBERVILLE PARISH LOUISIANA

SHEET 12 OF 22

IBERVILLE PARISH, LOUISIANA SEC. 1, T11S-R12E APPROX. 1,803 CU. YDS OF 6" THK. #610 LIMESTONE REQ'D. FOR WELL PAD 14 AFTER DRILLING OPERATIONS ARE COMPLETE. 0 NAVD88 NAVD88 ELEV. ELEV. AREA TO BE FILLED TO +5.5' ELEV. 2 10' 10' PROPOSED TEMP. BOARDS (+6.0') ------i 5' 5' M.H.W. = +2.5 M.L.W. = +2.0'--FXIST NATURAL PROPOSED 0' 0' RIG SUPPORT EXÍST. 3" PILES (TYP.) **PIPELINE** EXIST. 6" **PIPELINE** <u>-5'</u> -5' (LIMITS TO BE CHIPPED)

TYPICAL SECTION "D-D" PROPOSED WELL PAD 14 (LOOKING NORTHEAST)



NOTES:

- DITCHES ON PROPOSED PAD SHALL SLOPE TO A
 RETAINING SUMP AREA AND ANY RUN OFF SHALL
 BE REMOVED FROM SITE.
- 2. SUMP, DITCHES & RING LEVEE ARE TEMPORARY FOR DRILLING OPERATIONS AND REMOVED AFTER COMPLETION OF DRILLING.

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M.E. & A. DWG. NO. 14945-13 WELL 14 TYP SECTION D-D



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0	10/24/23	ISSUED DRAWINGS	RG	JJM	JJM

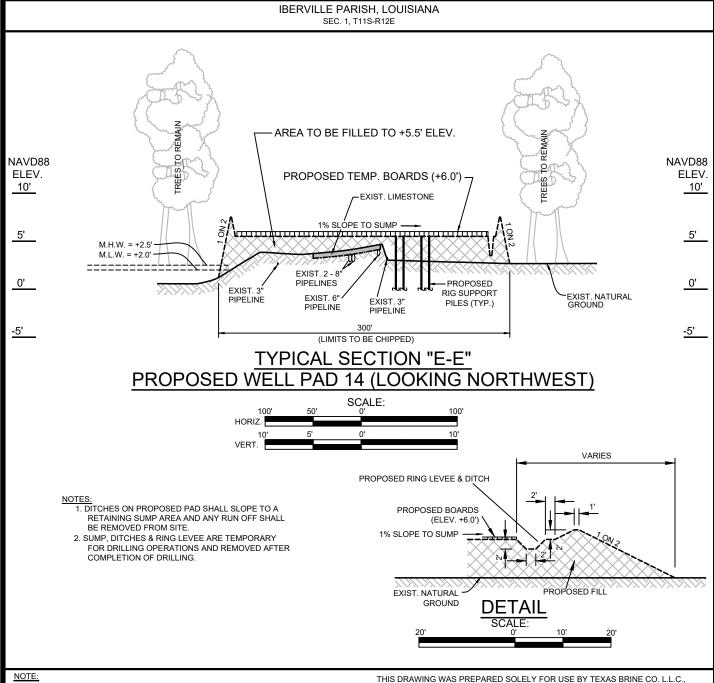


TEXAS BRINE COMPANY, LLC

C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15 AT WHITE CASTLE FIELD

TYPICAL SEC. "D-D" PROPOSED WELL PAD 14

IBERVILLE PARISH LOUISIANA SHEET 13 OF 22



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M.E. & A. DWG. NO. 14945-14 WELL 14 TYP SECTION E-E



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REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
0	10/24/23	ISSUED DRAWINGS	RG	JJM	JJM

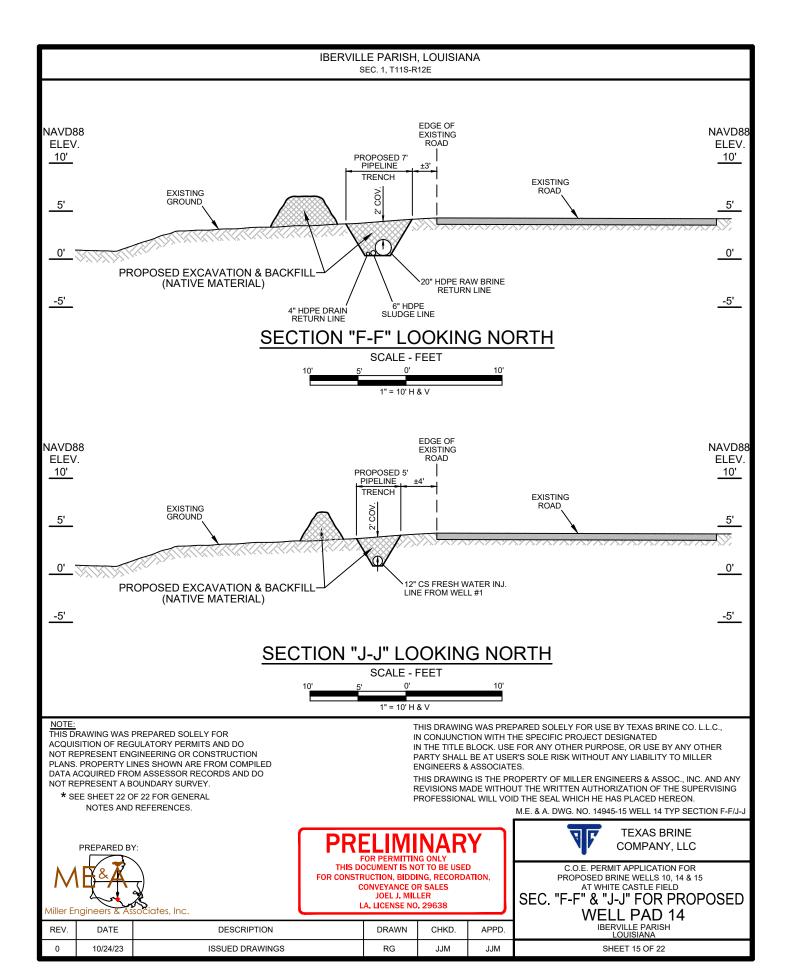


TEXAS BRINE COMPANY, LLC

C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15 AT WHITE CASTLE FIELD

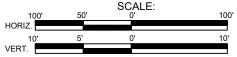
TYPICAL SEC. "E-E" PROPOSED WELL PAD 14

IBERVILLE PARISH LOUISIANA SHEET 14 OF 22



IBERVILLE PARISH, LOUISIANA SEC. 1, T11S-R12E NOTE APPROX. 1,925 CU. YDS OF 6" THK. #610 LIMESTONE REQ'D. FOR WELL PAD 15 & ACCESS RD. AFTER DRILLING OPERATIONS ARE COMPLETE. REMAI REM 2 2 AREA TO BE FILLED TO +5.5' ELEV. NAVD88 REES. NAVD88 TREES ELEV. ELEV. 10' 10' PROPOSED TEMP. BOARDS (+6.0')-5' 5' M.H.W. = +2.5' M.L.W. = +2.0' 0' **FXIST NATURAL** 0' PROPOSED GROUND RIG SUPPORT PILES (TYP.) -5' -5' (LIMITS TO BE CHIPPED)

TYPICAL SECTION "G-G" PROPOSED WELL PAD 15 (LOOKING EAST)



NOTES

- 1. DITCHES ON PROPOSED PAD SHALL SLOPE TO A RETAINING SUMP AREA AND ANY RUN OFF SHALL BE REMOVED FROM SITE.
- 2. SUMP, DITCHES & RING LEVEE ARE TEMPORARY FOR DRILLING OPERATIONS AND REMOVED AFTER COMPLETION OF DRILLING.

0

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PREPARED BY:

10/24/23

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M.E. & A. DWG. NO. 14945-16 WELL 15 TYP SECTION G-G



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DESCRIPTION	DRAWN	CHKD.	APPD.	
ISSUED DRAWINGS	RG	JJM	JJM	



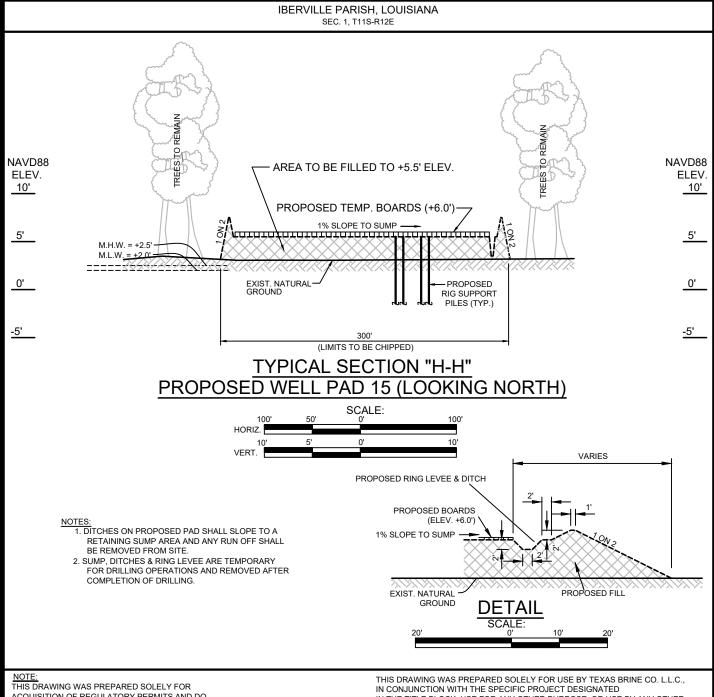
TEXAS BRINE COMPANY, LLC

C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15 AT WHITE CASTLE FIELD

TYPICAL SEC. "G-G" PROPOSED WELL PAD 15

LOUISIANA				
SHEET 16 OF 22				





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M.E. & A. DWG. NO. 14495-17 WELL15 TYP SECTION H-H



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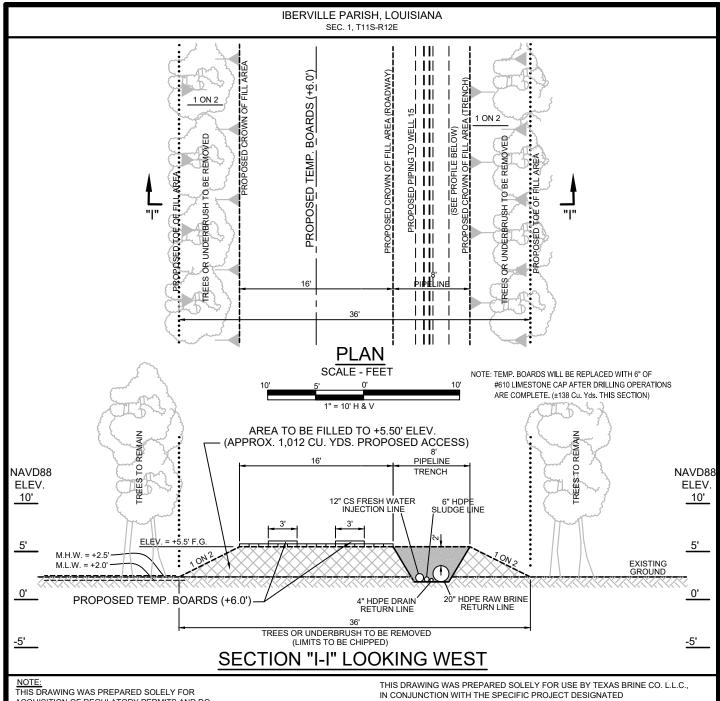
C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15 AT WHITE CASTLE FIELD

TYPICAL SEC. "H-H" PROPOSED WELL PAD 15

IBERVILLE PARISH LOUISIANA

SHEET	17 OF 22

	9				
REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
0	10/24/23	ISSUED DRAWINGS	RG	JJM	JJM



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M.E. & A. DWG. NO. 14945-18 WELL 15 TYP SECTION I-I



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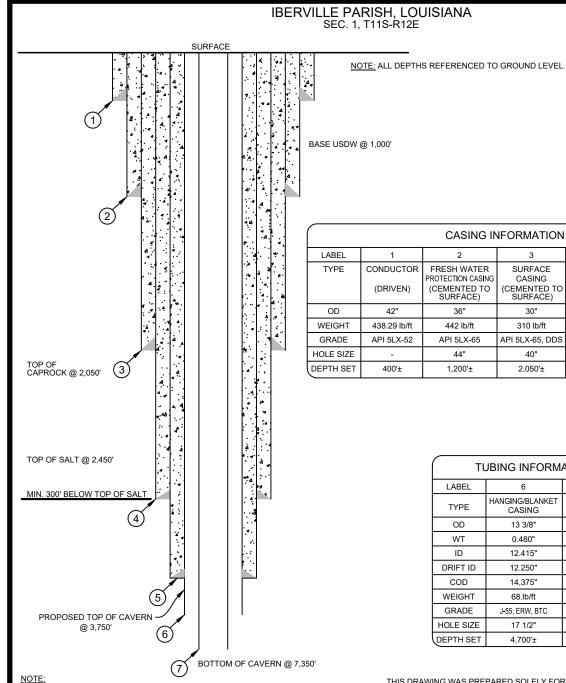
TEXAS BRINE COMPANY, LLC

C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15 AT WHITE CASTLE FIELD

SEC. "I-I" FOR PROPOSED ACCESS TO WELL PAD 15

IBERVILLE PARISH LOUISIANA **SHEET 18 OF 22**

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
0	10/24/23	ISSUED DRAWINGS	RG	JJM	JJM



TU	JBING INFORM	ATION
LABEL	6	7
TYPE	HANGING/BLANKET CASING	LEACHING STRING
OD	13 3/8"	9 5/8"
WT	0.480"	0.395"
ID	12.415"	8.835"
DRIFT ID	12.250"	8.679"
COD	14,375"	10.625"
WEIGHT	68.lb/ft	40 lb/ft
GRADE	J-55, ERW, BTC	P110, ERW R3, BTC
HOLE SIZE	17 1/2"	17 1/2"

SURFACE

CASING

(CEMENTED TO SURFACE)

30"

310 lb/ft

API 5LX-65, DDS

40"

2,050'±

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4,700'±

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M.E. & A. DWG. NO. 14945-19 WELL 10 BELOW GROUND DETAIL

7,280'±

4

INTERMEDIATE

CASING

(CEMENTED TO SURFACE)

20"

133 lb/ft

K-55, API

26"

2,800'±

PRODUCTION

CASING

(CEMENTED TO SURFACE)

16"

97 lb/ft

JFE-125T, HDL

22"

3,100'±



Miller Engineers

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NOT REPRESENT A BOUNDARY SURVEY.

ACQUISITION OF REGULATORY PERMITS AND DO

* SEE SHEET 22 OF 22 FOR GENERAL NOTES AND REFERENCES.

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PLANS. PROPERTY LINES SHOWN ARE FROM COMPILED

DATA ACQUIRED FROM ASSESSOR RECORDS AND DO

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REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
1	03/05/24	CHANGED WELL SCHEMATIC	RG	JJM	JJM
0	10/24/23	ISSUED DRAWINGS	RG	JJM	JJM



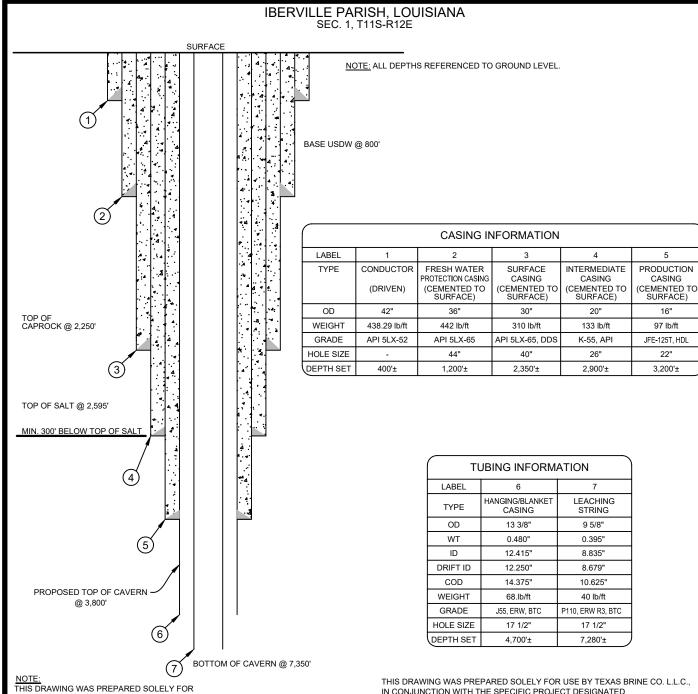
TEXAS BRINE COMPANY, LLC

C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15

BELOW GROUND DETAIL FOR BRINE WELL #10

IBERVILLE PARISH
LOUISIANA

SHEET 19 OF 22



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M.E. & A. DWG. NO. 14945-20 WELL 14 BELOW GROUND DETAIL

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REV. DATE DESCRIPTION DRAWN CHKD.	
REV. DATE DESCRIPTION DRAWN CHRD.	APPD.
1 03/05/24 REVISED PER C.S.I. DRAWING RG JJM	JJM
0 10/24/23 ISSUED DRAWINGS RG JJM	JJM

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PREPARED BY:

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TEXAS BRINE COMPANY, LLC

16"

97 lb/ft

22"

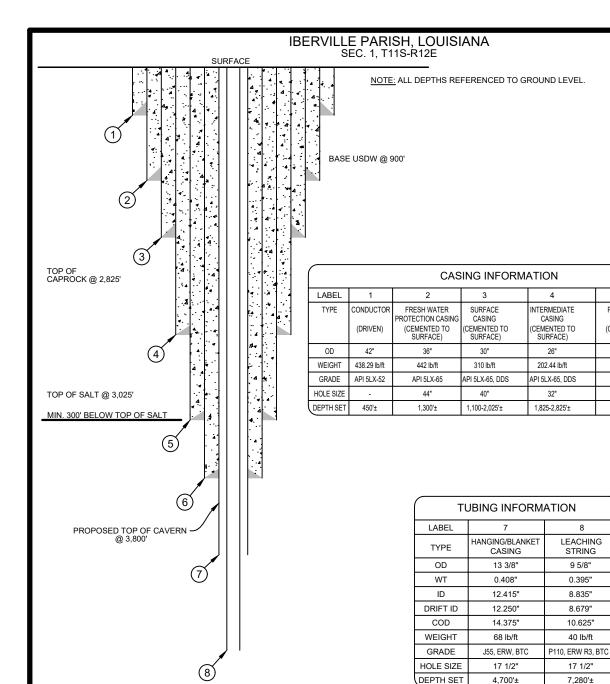
3,200'±

C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15 AT WHITE CASTLE FIELD

BELOW GROUND DETAIL FOR BRINE WELL #14

IBERVILLE PARISH
LOUISIANA

SHEET 20 OF 22



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M.E. & A. DWG. NO. 14945-21 WELL 15 BELOW GROUND DETAIL

5

PRODUCTION

CASING

(CEMENTED TO

SURFACE)

20'

133 lb/ft

K55, API

26"

3,340'±

6

PRODUCTION

CASING

(CEMENTED TO

SURFACE)

16"

97 lb/ft

JFE-125T, HDL

22"

3,625'±

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NOTE:

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
1	03/05/24	CHANGED WELL SCHEMATIC	RG	JJM	JJM
0	10/24/23	ISSUED DRAWINGS	RG	JJM	JJM
0					

BOTTOM OF CAVERN @ 7,350'

NOT TO SCALE



TEXAS BRINE COMPANY, LLC

C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15 AT WHITE CASTLE FIELD

BELOW GROUND DETAIL FOR BRINE WELL #15

IBERVILLE PARISH LOUISIANA

SHEET 21 OF 22

IBERVILLE PARISH, LOUISIANA

SEC. 9, T11S-R12E

NOTES:

NORTH ARROW AND GRID COORDINATES REFER TO THE LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NORTH AMERICAN DATUM OF 1983 (NAD 83)). BASED ON RTK GPS OBSERVATIONS.

ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D. 88). BASED ON RTK GPS OBSERVATIONS.

DISTANCES IN FEET BY HORIZONTIAL MEASURMENT.

PARISH, SECTION, TOWNSHIP, AND RANGE SCALED FROM REFERENCED U.S.C & G.S. QUADRANGLES, LONE STAR & WHITE CASTLE, LA. 1994

PROPOSED EXCAVATION LOCATIONS AND DIMENSIONS ARE APPROXIMATE BASED ON DATA PROVIDED TEXAS BRINE CO. LLC

SURVEY PARTY CHIEF: Kevin Pichoff DATE OF SURVEY: JULY 14, 2023

SUMMARY OF CONSTRUCTION EQUIPMENT

DESCRIPTION	QUANTITY
AMPHIBIOUS TRACK EXCAVATOR (60' REACH) (FOR CHIPPING)	1
NON-AMPHIBIOUS TRACK EXCAVATOR (35' REACH) (FOR PIPELINE WORK)	1
TANDEM & TRACTOR TRAILER DUMP TRUCKS (ACCESS RD & PAD FILL)	4
BULL DOZER/GRADER (ACCESS RD & PAD CONSTRUCTION)	1
LAND BASED DRILLING RIG	1
1/2 TON & 3/4 TON CREW TRUCKS (CONSTRUCTION & DRILLING SUPPORT)	6

SUMMARY OF ESTIMATED QUANTITIES

TOTAL SAND VOLUME = 34,237 CU. YDS. (FILL) (WELL PADS & ACCESS)

TOTAL #610 LIMESTONE VOLUME = 5,531 CU. YDS. (6" THK.) (FILL)

TOTAL EXCAVATION VOLUME FOR WELLS FROM DRILLING = 2,180 CU.YDS.

TOTAL CASING CEMENT VOLUME = 1,523 CU. YDS.

DESCRIPTION

ISSUED DRAWING

REVISED DRILL EXCAVATION &

TOTAL EXCAVATION & BACKFILL VOLUME = 837 CU. YDS. (PIPING) (NATIVE MATERIAL)

TOTAL EXCAVATION & BACKFILL AREA IMPACTS = 0.27 AC. (PIPING)

TOTAL PROJECT AREA OF PERMANENT WETLAND IMPACTS FROM FILL = 8.11 AC.

TOTAL NUMBER OF RIG SUPPORT PILES REQUIRED = 156

REV

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M.E. & A. DWG. NO. 14945-22 GEN NOTES & REFERENCES



DATE

03/05/24

1<u>0/24/23</u>

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	DRAWN	CHKD.	APPD.	
CEMENT VOLUME	RG	JJM	JJM	H
GS	RG	JJM	JJM	ı



TEXAS BRINE COMPANY, LLC

C.O.E. PERMIT APPLICATION FOR PROPOSED BRINE WELLS 10, 14 & 15 AT WHITE CASTLE FIELD

GENERAL NOTES AND REFERENCES

IBERVILLE PARISH LOUISIANA

SHEET 22 OF 22