FACT SHEET

<u>Applicant:</u>	RIVER PARISH SEQUESTRATION, LLC 1333 West Loop South, Suite 830 Houston, TX 77027 (832) 696-0052
Project Proposal:	Permit to drill one Class V Stratigraphic Test Well
Type of Facility:	N/A
Well Names:	Palo Alto RPN-S #1 Well No. 001
Project Location:	Section 23, Township 11 South, Range 13 East, of Ascension Parish
Facility Local Address:	N/A
Application No.:	43669
Docket No.:	IMD 2023-01

<u>Project Summary</u>: The following information is prepared according to the requirements of Statewide Order No. 29-N-1, (LAC 43:XVII, Subpart 1) to briefly set forth the principal facts and significant policy questions considered in preparing a draft permit concerning an application by River Parish Sequestration, LLC (River Parish Sequestration) to drill one Class V stratigraphic test well in Ascension Parish, Louisiana.

The application is for the drilling of one proposed Class V stratigraphic test well. The total depth of the well is at a depth of approximately 11,330 feet below ground level.

The acquisition of geotechnical data is proposed to occur in the drilling of this well. No disposal of waste via injection will occur.

<u>General Information</u>: River Parish Sequestration proposes to collect geotechnical cores, fluid samples, static pressure measurements, and other applicable information.

The base of the lowermost underground source of drinking water (USDW) is approximately 1,200 feet below ground level. There are four (4) registered water wells located within a one mile radius of the proposed well location. The principal regional aquifers in the area comprise of the confined Mississippi River Alluvial Aquifer and the confined Norco Aquifer below.

The complete application consists of the application form (Form UIC-25 Stratigraphic Test); technical attachments describing the geology, hydrology, construction, completion, and financial responsibility estimate.

The draft permit conditions were based on applicable rules and regulations as set forth in Statewide Order No. 29-N-1 (LAC: 43:XVII, Subpart 1) as amended. Such rules provide for the protection and non-endangerment of USDW regarding the permitting, drilling, completing, operating and maintaining of Classes I (nonhazardous waste), III, IV, and V injection well operations in the State of Louisiana.

<u>Application Locations</u>: An application package is available for inspection at the Louisiana Office of Conservation, Injection and Mining Division, LaSalle Building, 617 North Third Street, Room 817, Baton Rouge, LA 70802 from 8:00 am until 4:30 pm, Monday through Friday. To view, please ask for the River Parish Sequestration Class V Permit Application identified at the beginning of this document. The application package is also available at the Louisiana Department of Natural Resources, Office of Conservation website.

For information regarding the public hearing or any information concerning the application, refer to the Public Notice for Docket No. IMD 2023-01, or call Laura Sorey at (225) 342-5581, Monday through Friday, between the hours of 8:00 a.m. to 4:30 p.m.

<u>Comment Period:</u> The public comment period officially commences January 26, 2023, at 8:00 a.m. and concludes February 28, 2023, at 4:30 p.m. Submit all comments in writing to Laura Sorey, Louisiana Office of Conservation, Injection and Mining Division, 617 N. 3rd St, Baton Rouge, LA 70802. Comments may also be e-mailed to <u>laura.sorey@la.gov</u>. Please reference River Parish Sequestration Class V Permit, Application Number 43669, Docket No. IMD 2023-01.

<u>Public Hearing</u>: The public hearing will be held February 27, 2023, 6:00 pm at the LaBelle Hearing Room, 1st Floor, LaSalle Building, 617 North 3rd St, Baton Rouge, LA 70802.

____, 2023

MARK JONES RIVER PARISH SEQUESTRATION, LLC (R1017) 1333 WEST LOOP SOUTH, SUITE 830 HOUSTON, TX 77027

* * * APPROVAL TO CONSTRUCT * * *

RE: STRATIGRAPHIC TEST WELL – NEW WELL: PALO ALTO RPN-S#1 NO. 1 FIELD: WILDCAT-SO LA LAFAYETTE DIST PARISH: ASCENSION APPLICATION NO. 43669 SERIAL NO. _____ API NO. _____ SEC/TWN/RNG: 25/11S/13E

Mr. Jones:

The application by River Parish Sequestration, LLC (R1017) to drill a Class V stratigraphic test well has met the interim requirements for permitting such a well. You are hereby granted approval to perform the work as described in the application. The approved work must be completed by .

River Parish Sequestration, LLC is to notify the Conservation Enforcement Specialist (CES) for Ascension Parish, Seth Henderson at 225-342-5515, Monday through Friday, or by calling the Injection and Mining Division at (225) 342-5515 at least 72 hours prior to commencement of work.

Within twenty (20) days after completion of the work, submit the documentation requested in the enclosed Reporting Requirements to the Injection and Mining Division. PLEASE READ THE ENCLOSURES CAREFULLY.

Please be reminded that for future work on the well, a work permit approval must be obtained from this office before repairing, stimulating, plugging, or otherwise working on this well.

Yours very truly,

Richard P. leyoub Commissioner of Conservation

Stephen H. Lee, Director Injection and Mining Division

Enclosures

DRAFT PERMIT No. IMD 2023-01



OFFICE OF CONSERVATION

IMD REPORTING REQUIREMENTS >> Class V Stratigraphic Test

Drilling and construction of the well must be completed within one (1) year from the date of the permit approval letter, otherwise, the permit will expire. Before the expiration of the permit, the operator must notify the Injection and Mining Division (IMD) if a time extension will be requested or if well will not be drilled.

The approved application describes how the well is to be constructed. Changes in the approved construction, such as well surface location, well depth, or casing setting depths, will require <u>prior written approval</u> from IMD. Failure to obtain <u>prior</u> <u>written approval</u> will be cause for revoking the permit.

At least forty-eight (48) hours prior to commencement of work, the appropriate Conservation Enforcement Specialist (CES) identified below must be contacted. If you are unable to reach the CES, please call the Injection and Mining Division at (225) 342-5515 between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday.

Application No.	43669	Serial No.	
CES Name	Seth Henderson	CES Phone No.	225-342-5515

Within twenty (20) days after completion of the well, the completion documents listed below must be filed with IMD for review and approval in compliance with the regulations. Please place the well's Serial Number on the log headings.

- A Class V Well History and Work Résumé Report (Form UIC-42 STRAT TEST) with an original signature from an authorized representative of the operating company and two photocopies of the form (front and back). The Form UIC-42 can be saved, filled-out, and printed by going to <u>www.dnr.louisiana.gov/consforms</u> >> Injection & Mining Division >> Form UIC-42.
- Two (2) copies of the wellbore schematic depicting the completed well.
- Two (2) copies of the electric log used to identify the USDW.
- Two (2) copies of any cement bond log.

Send the above required documentation together in **ONE PACKAGE** to:

Office of Conservation-9thFloor Injection & Mining Division 617 North 3rd Street Baton Rouge, LA 70802

DRAFT PERMIT No. IMD 2023-01

UIC-25 Stratigraphic Test CLASS-V WELL PERMIT APPLICATION

Inv. No. 1258796

OF CONSE.	L	NV. /VO.	100	8/96			
1. APPLICATION TYPE: (Check One)			LOUI				
DRILL AND COMPLETE NEW CLASS-	/ WELL		REOU	JURGES - UFFI		JNSEP	VATION
CONVERT AN EXISTING WELL TO CL	ASS-V		INJE		g divisio	N	
OTHER (SPECIFY):Drill stratigraphic	test well and plug and	d abandon	Injec (225)	tion-Mining@la. 342-5515	.gov		
2. IDENTIFY WELL USE							
Stratigraphic test well for geologic cha	aracterization; plug a	and aband	on whe	en finished.			
3. OWNER/OPERATOR NAME						4. OC C	PERATOR CODE
River Parish Sequestration, LLC						R1017	7
5. OWNER/OPERATOR MAILING ADDRESS				6. CITY, STATE, ZIP	CODE	<u> </u>	
1333 West Loop South, Suite 830				Houston, TX 7702	27		
7. TELEPHONE NO		8. E-MAIL	ADDRES	 S			
(832) 696-0052		andrew.cl	nartran	d@blueskyinfrastr	ucture.com		
9. WELL NAME		10. WELL N	10	11. WELL SERIAL NO	O (Well Conv	ersions (Only)
Palo Alto RPN-S #1		1					
12. FIELD NAME (if known)				I	13. FIE		E (if known)
WILDCAT-SO LA LAFAYETTE DIST							
14. PARISH NAME				15. SECTION	16. TOWNSH	ΗP	17. RANGE
Ascension				25	T-11-S		R-13-E
18. LOUISIANA COORDINATE ZONE (Check	c One)		For Ite	m Numbers 19 Thro	ough 24, Giv	e Coord	inates in Louisiana
NORTH ZONE	OUTH ZONE		Coordi	nate System 1927 and	1983		
19. LATITUDE (NORTH) NAD 1927	20. LONGITUDE (WES	T) NAD 1927	7	21. LOUISIANA LAM	BERT (X-Y) C	OORDIN	ATES (NAD 1927)
30 05' 24.15"	91 05' 52.51"			x : 2,074,450	Y	. 517,67	79
22. LATITUDE (NORTH) NAD 1983	23. LONGITUDE (WES	T) NAD 1983	3	24. LOUISIANA LAM	BERT (X-Y) C	OORDIN	ATES (NAD 1983)
30 05' 24.87"	91 05' 52.88"			x: 3,355,249	Y	: 578,38	36
25. LIST PERMITS, LICENSES, OR APPROV	ALS THE APPLICANT	HAS RECEI			SPECIFICAL		
OR, IF ISSUED, THE IDENTIFICATION NUM	BER OF THE PERMIT, L	ICENSE, OR	OTHER	APPROVALS.	In ICATION 1	TOMOCI	OF AFFEICATIONS
Regulatory Program	or Agency		Perr	nits, Licenses, Const	ruction, Proje	ct Appro	oval Identification

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JAN 1 2 2023

26. WELL CASI	NG / CE	MENT D	ATA											
HOLE SIZE (inches)	CASIN (OD - i	G SIZE nches)	CASING WEIGHT (Ib/	ft) (CASING GRADE	CASING/LINER S TOP (feet)	BOTTOM (f	THS eet)	SACKS CEMENT			TYPE CE YIELD (ft³	MENT/ /sack	CEMENT TOP (feet)
12.25	10.62	5	47	L	_80 LTC	0	1091		400		3	5/65 Poz Ty	/pe1/1.87	0
12.25	10.62	5	47	l	_80 LTC	1091	1500		250	l	LST 18/1.		1.12	1091
27. BASE OF U	SDW	28. WEL	L TOTAL DEP	тн	29. WELL PLUC	BACK DEPTH	30. TUBING	SIZE	& DE	ртн	31. NA	PACKER	SIZE & I	DEPTH
		EDTUS	(if applicable)	22 0				abla)	<u> </u>	34. WE				ack One)
32. INJECTION ZONE DEPTHS (if applicable) 33. COMPLETION/PERFORATION DEPTHS (if applicable) 34. WELL COMPLE														
	ы	mom: N	A	rop:	NA	Bottom: NA	N							
INJECTIVITY T	EST INFO		ON (if applicab	le)							REE	:N		
35. TEST MAT	ERIAL (e	.g. nitro	gen, brine, et	c):	36. MAXIMUM T	EST PRESSURE	(psi):	37.	ΤΟΤΑ	L INJEC	стю		ИE:	
NA					NA			NA						
CO2 is proh	ibited a	s a Clas	s V test mater	ial										
38. Is the Well	Located	on India	n Lands or Oth	er Lar	nds Owned by or u	nder the Jurisdicti	on or Protectio	on of f	the Fe	ederal G	over	mment?		s 🖸 NO
39. Is the Well I	Located	on State '	Water Bottoms	or Oth	ner Lands Owned b	oy or under the Juri	sdiction or Prof	tection	n of th	e State o	of Lo	uisiana?		s 🛛 NO
40. AGENT OF				ACT				PRO	CESS		тні			
NAME: And	drew J.	Chartra	and											
MAILING AD	DRESS	1333 \	Nest Loop S	outh	, Suite 830									
CITY, STAT	E, ZIP C	ODE: H	ouston, TX 7	7027	7									
TELEPHON	E NUMB	ER: <u>(</u> 83	2) 696-0052			FAX N	UMBER:							
E-MAIL ADD	RESS: _	andrew	.chartrand@)blue	skyinfrastructu	re.com								
41. CERTIFIC	ATION I	BY WELL	OWNER/OPE	RATC	DR									
I certify that a the processir grant an auth LSA-R.S. 30: examined an immediately are significar	as the c ng of this norized a 4. I agro d am fai respons nt penal	owner/op s applica agent of ee to op miliar wi ible for ties for s	berator of the ation, to subm the Office of erate the well th the informa obtaining the submitting fals	injec it add Cons in aco tion s infor se info	tion well, the pe litional informatic servation entry o cordance with Of submitted in this o mation, I believe ormation, includi	rson identified in on as requested, nto the property ffice of Conserva document and al that the inform ing the possibility	n Item No. 40 and to give o to inspect the tion guideline I attachments ation is true, y of fine or im) abc oral st e inje es. I t s and accu apriso	ove is tatem ction furthe that i urate, onme	author nents in well ar er certify based c , and co nt or bo	rized sup nd re y un on m omp oth (d to act o port of th elated ap der pena ny inquiry lete. I a LSA-R.S	on my bo nis applio purtena lty of lav of those m awar 5. 30:17)	ehalf during cation. I will nces as per v that I have individuals e that there
Print Name of	of Well	Owner/	Operator			Print Ti	tle of Comp	any (Offic	ial (as a	app	licable)		
Timothy Wat	tson					Geolog	ist							
Signature of	Well O	wner/O	perator					D	ate					
1 Jais	67	$\underline{}^{\prime}$	non					0.	1/10/	2023				
	/													
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JAN 1 2 2023



a) General Well Information:

Well Name	Palo Alto RPN-S #1
Well Classification	Class V
County, State	Ascension, Louisiana
Target Formation	Pliocene, Miocene
TVD / MD (ft)	11,360 ft
Trajectory	Vertical

b) Prognosis:

Intervals	TVD (ft)	Comments
Base of USDW	1,230	
Pliocene Shale	4,280	shale seal
Lower Pliocene Sand	4,780	permeable sandstone & shale sequence
Top Miocene	5,376	permeable sandstone & shale sequence
Bigenerina Humblei	7,244	permeable sandstone & shale sequence
Cibicides Opima	8,095	permeable sandstone & shale sequence
Operc	9,534	permeable sandstone & shale sequence
Marginulina Ascensionesis	11,164	shale seal

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JAN 1 2 2023

c) **Proposed Well Schematic:**

tf —			K	Jack Land Street	15					W	North State	- Antes and	
030			1	- 16" Drive Pi	ipe to	~150'					XB:	25	
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2,004	0-		/	0-112 Op	CHILD	R HORE (M 1,300 - 11,330 1 VD33				1	Info	rmation	
2 850 -					Ce	ement Info	rmatio	n			Label	1 Surface	
3,007		11		Tubular	Cen	sent Type	Density (ppg)	8 2086	Yield (fi3/caob)		00	9-5.9*	
					Lead	Poz Type I	12.7	400	1,87		WT	0.472*	
A 920				5-5-8*	Tal	LST 13	15	250	1.12		Ð	3,681*	
4.000	i Maria and a start	150			-		Į.				Drift ED	\$.525*	
9.000	Upper Confinement			Pliocene	Shale	@ 4,250' 1	TVDSS				COD	18,625*	
6.100T			1	Lower Pl	iocene	Sand @ 4	750' 1	VDSS	;		Wolght	47 lb/ft	
											Grade	L-80 LTC	
5.500 -				Top Mioc	ene (2 5,346' TV	DSS				Hole Size	12-1/4*	
#.050	Casterd 10	12012022									Depih žei	t (,500'	
	Certified IU	12012022 0									Volume	550 sx]
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n. 050	19 B										CaringPr	olnds	
	E			Cibicides	Opim	na @ 8,065	TVDS	S		Plocen	e Shale	I # 60" core	
Ropif —	BENH B	ierganan No. 40184	Ē.	Corresp	ondin	a Injection	Interv	al		Lower Fig. Sand		i z 60'core	
8,070	THIN ROA	THEFT		@ 4,	@ 4,750' - 11,330' TVDSS				Top Modere		t a 60° core		
8 50T	"IIISSION	AL ENG		Operculi	noides	@ 9,504'	rvdss	;		Elg i	4270)	I a 60° core	
10,000										Clb	Cp.	I x 62" care	
10 920										Op	erc.	i x 60 core	
3.021										Mar	a. 18	1 x EC core	
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11.000	Lower Confinement	TD @ 11, TVDS	330' 5										
		Riv	/er Pa	arish		-		. 1.4					
		Seque	strati	on, LLC		Pa	NO A	NIO	KHV	1-5	NO. (101	
	LONQUIST	Country: US	4		State	Province: L	ouisiana		Co	kunty/Pa	arish: Asce	ension	
	SEQUESTRATION LEC	Location: 30	05 24.15	', 91° D5' 52.51'	Distr	ict Lafayette			Su	rvey: T	BD		
		API No: TBD			Field	e NA			W	eli Type	Status: T	EST WELL	
Louisia	na License EF-7423	State Gas ID	No: NA		Proje	ect No: LS170)		Da	ite: 10/2	0/2022		
12912 H	l Country Shid. Ste 7-200 John Teras 78738	Drawn: JGC			Revi	ewed: Ben Be	ergman		A	provec	l: Ben Berg	jman	
Tel: 5127325912 Fax: 5127325915 Rev No: 0				Notes: Sohematic for a stratigraphic test well.									

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JAN 1 2 2023

d) BOP Schematic:



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JAN 1 2 2023

e) Drilling Scope of work:

HIGH LEVEL WORK PLAN: Location Preparation

- 1. Survey and prepare well location for drilling equipment.
- 2. Mobilize crane and hammer equipment
- 3. Drive 16" Drive Pipe to 150'

Surface Hole

- 4. Mobilize drilling rig and related equipment
- 5. Nipple up and pressure test BOP assembly
- 6. Rig up mud logging equipment and crew.
- 7. Pick up 12.25" drill bit appropriate bottom hole assembly and drill surface hole to 1,500'
- 8. Notify CES at least 48 hours prior to anticipated casing test
- 9. Run open hole logs in surface hole
- 10. Submit log to IDM confirming base USDW and at least one non-USDW sand prior to setting casing
- Upon approval from IDM, run and cement 1,500' of 9 5/8" Surface Casing (or deeper as determined by open hole logs)
- 12. Wait on Cement
- 13. Run cased hole logs
- 14. Install 11" X 9 5/8" 5K casing head
- 15. Nipple up and pressure test BOP assembly
- 16. Pressure Test the casing to DNR specifications (The casing test will be pressured to at least 600 psi for at least 30 minutes and pressure loss will not exceed 5% and reported on form CSG-T)

Main Hole

- 17. Drill ahead with 8-1/2" bit to 4,700' (Core Point #1)
- 18. Core from 4,700' 4,760' TVD and POOH (Core #1)
- 19. Ream through cored interval (Core #1) then Drill ahead with 8.5" bit to 4,800' (Core Point #2)
- 20. Core from 4,800' 4,860' TVD and POOH (Core #2)
- 21. Ream through cored interval (Core #2) then drill ahead with 8.5" bit to 5,400' (Core Point #3)
- 22. Core from 5,400' 5,460' TVD and POOH (Core #3)
- 23. Ream through cored interval (Core #3) then drill ahead with 8.5" bit to 7,250' (Core Point #4)
- 24. Core from 7,250' 7,310' TVD and POOH (Core #4)
- 25. Ream through cored interval (Core #4) then drill ahead with 8.5" bit to 8,050' (Core Point #5)
- 26. Core from 8,050' 8,110' TVD and POOH (Core #5)
- 27. Ream through cored interval (Core #5) then drill ahead with 8.5" bit to 9,500' (Core Point #6)
- 28. Core from 9,500' 9,560' TVD and POOH (Core #6)
- 29. Ream through cored interval (Core #6) then drill ahead with 8.5" bit to 11,170' (Core Point #7)
- 30. Core from 11,170' 11,230' TVD and POOH (Core #7)
- 31. Ream through cored interval (Core #7) then drill ahead with 8.5" bit to TD (11,330')
- 32. Circulate hole clean and prepare for logging operation
- 33. Run open hole logs
- 34. Collect Sidewall Cores
- 35. Collect formation fluid samples
- 36. Perform MDT drawdown tests in selected intervals
- 37. Plug and abandon wellbore (See high level cementing procedures)
- 38. Rig down and move out drilling rig and rentals.
- 39. Turn over location to River Parish Sequestration

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f) P&A Scope of work:

HIGH-LEVEL WORK PLAN:

During plugging operations all spaces in the wellbore not filled with cement will be filled with a minimum 9 ppg mud with corrosion inhibitor, or 9 ppg minimum inhibited brine

- 1. Move in and rig up cementing equipment
- Displace wellbore with minimum 9 ppg mud with corrosion inhibitor, or 9 ppg minimum inhibited brine
- Pump 100' balanced plug across the confining layer above any oil or gas show seen during the drilling of the well
- 4. Pump 600' balanced plug across the Upper Confining Layer form 4,200 4,800'
- 5. Rig in wireline to run and set cement retainer at 1,400'
- 6. Run in the hole at sting into the cement retainer
- 7. Pump 200' balanced plug from 1,600' to 1,400'
- 8. Pull out of cement retainer
- 9. Pump 300' balanced plug from 1,400' to 1,100'
- 10. Rack back 10 stands and reverse circulate to clear cement from string
- 11. Wait on cement
- 12. RIH and tag cement for confirmation
- 13. Pressure test the casing to 600psi
- 14. Run workstring open ended to 100'
- 15. Pump 100' balanced plug to surface
- 16. Pull out of the hole
- 17. Top off cement for tubing displacement
- 18. Rig out cementing equipment

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JAN 1 2 2023

g) Proposed P&A Schematic:

d -		. Same		In the second second		-	No.	. A				-	
(1004-		0	1	- 18" Drive P	ipe to ~150'					1	- 1		
1500 -			3								<u>к</u>		e
1010 -		O South		Base of US	DW @ ~1,200	TVDSS				8¢	ue:	Jan, 2023	
10007-	0												
1.000/	Compart Data	3		/ 8-1/2" Op	en Hole @ 1,50	n Hole @ 1,500' - 11,330' TVDSS					Casing Information		
-	@ 1.400*		1/		Cement int	ormatio	m			Labe	-	1	
3 nocr			1	1.1		- some of the second				Туре		Surface	
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1100 -				9-58.	Tal 15	16	250	/1012		Ð		8.591"	
4.020°				L		-1	<u>.</u>		-	Drate	6	8.525"	
- 900/	Upper Confinement	0		Pliocene	Shale @ 4,250	TVDS	5			COD		10.625"	
		No.	<u> </u>	Lower Pl	iocene Sand @	4,750'	rvdss	3		Weigi	st	47. iafi	
3.000										Grad		L-60	
9.800 -				Top Mior	ene @ 5,348' 3	VDSS				Hole 3	20	12-14*	
a 001/										Cepth i	set	1.500	
2				- Well circ	ulated using	ion inhi	hitor o			Yolun		650 sar	
8.800 -				min. 9pp	g inhibited brine					TOC		Surface	-
1400-		1								% Expess		in	
		and the second											
-1 48.14	Certified I/	10/2023 b	ny l	Bigeneri	na Humblei @ 7	,214' T	/DSS]
7,653 —	Certified I/	<mark>10/20</mark> 23 b	w	Bigeneri	na Humblei @ 7	,214' T\	DSS	1	Phys	Infor	matio	n	
7.653	Certified 1/ Dan H. I.	10/2023 b 2	ny P.E.	Bigeneri	na Humbiei @ 7	,214' TN	DSS		Piug	Infor	matio	n	
7.853'	Certified I/	10/2023 b] LO///////////////////////////////	P,E.	Bigenerii Cibicides	na Humblei @ 7 s Opima @ 8,06	,214' TV 5' TVDS	DSS S	Label	Piug	Infor 2	matio 3	n 4	
7,203 8,000 8,202	Certified I/	10/2023 b 1	P.E.	Bigenerii Cibicides — Corresp	na Humblei @ 7 5 Opima @ 8,00 onding Injectio	,214' T\ 5' TVD: in Inter	/DSS S ral	Label Top Dept	Piug 1 n g	2 1,120	s 1,407	n 4 4,200	
7,203	Certified I/		P.E.	Bigenerii Cibicide: — Corresp @ 4,	na Humblei @ 7 5 Opima @ 8,00 onding Injectio 750' - 11,330' 1	,214' TV 5' TVD: on Inten VDSS	/DSS S ral	Label Top Depti Bottom Deptiti	Plug 1 n g 120'	2 1,1207 1,4207	a 1,4307	T) 4 4,202 4,902	
- '000," - '100," - '000," - '000," - '000, I	Certified I/		P.E.	Bigenerii Cibicides — Corresp @ 4, Operculi	na Humblei @ 7 5 Opima @ 8,00 onding Injectic 750' - 11,330' 1 poides @ 9,504	,214' TV 5' TVDS on Inten VDSS	/DSS /al	Label Top Dept Bottom Depth Volume Yield	Piug 1 1 37 37 58	2 1,120 1,420 1425	1 ,407 1,602	n 4 4,200 4,900 212 sx	
7.657	Certified I/	10/2023 h		Cibicides Cibicides Corresp @ 4, Operculi	na Humblei @ 7 5 Opima @ 8,00 onding Injectio 750' - 11,330' 1 noides @ 9,504	,214' TV 5' TVDS n Inten VDSS	/DSS S ral	Label Top: Depth Bottom Depth Volume Yilds (R3/sack	Plug 1 1 1 1 1 2 37 sz 1 12	2 1,120 1,420 119 sz 1.12	1,4307 1,6302 70 sx 1,12	n 4,200° 4,900° 212.5x 1.12	- - - - - - - - - - - - - - - - - - -
7.203	Certified I/ A H A IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	10/2023 h		Bigenerii Cibicides Corresp @ 4, Operculi	na Humblei @ 7 5 Opima @ 8,00 onding Injectio 750' - 11,330' 1 noides @ 9,504	,214' TV 5' TVDS n Inten VDSS	/DSS /al	Label Top Depth Depth Volume Yield (R3/sack. Olass	Plug 1 1 1 1 1 2 37 car 1 112 H	2 1,100 1,400 1,19 fix 1,19 fix 1,12 H	1,400 1,400 1,600 70 sx 1,12 H	П 4 4,200° 4,900 212 сх 1.12 Н	б ТБС? ТБС? ТБС? 1.12 Н
7,203	Certified I/ A H A IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	10/2023 h	P.E.	Bigenerii Cibicides Corresp @ 4, Operculi	na Humblei @ 7 5 Opima @ 8,00 onding Injectio 750' - 11,330' 1 noides @ 9,504	,214' TV 5' TVDS n Inten VDSS	/DSS S ral	Label Top Dept Battom Depth Volume Yield (R3/sack Olazs	Plug 1 n g 1107 37 car i 1.12 H Apping rtydrox	2 1,1207 1,4207 1,12 sz 1,12 H or 1007 m or 1007 m	s 1,4307 1,6302 70 sx 1,12 H this mum 1 ng interview www.fourne	7) 4 4,200° 4,900° 212 5x 1,12 H 4/1,06 5et si during du	Fibb Fibb Fibb Fibb Fibb Fibb
7,2657	Certified I/ A H A IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		P.E.	Bigenerii Cibicides — Corresp @ 4, Operculi	na Humblei @ 7 5 Opima @ 8,00 onding Injectic 750' - 11,330' 1 noides @ 9,504	,214' TV 5' TVOS n Inten VDSS ' TVDSS	/DSS /al	Label Top Depth Bottom Depth Volume Yield (R3/sack Olass Note:	Ping 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1,430 1,430 1,430 1,12 sz 1,12 H er confr-t arbon sh	a 1,4307 1,6302 70 sa 1,12 H transum 1 ng Interva was found	7) 4 4,202° 4,902° 212 SX 1,12 H all be set si above a si above a	S TEC TEC TEC 1.12 H H R Die Ry Ring,
7,203	Certified I/	10/2023 h	P.E. 1,330	Bigenerii Cibicides — Corresp @ 4, Operculii Marginul	na Humblei @ 7 5 Opima @ 8,00 onding Injectio 750' - 11,330' 1 noides @ 9,504 ina Ascensione	,214' TV 5' TVD: n Inten VDSS ' TVDS:	/DSS /al	Label Top: Depth Depth Volume Yield (R3/sack. Obass Note:	Ping 1 1 ap 1 a	2 1,120 1,420 119 sx 1.12 H of 100 m er contr3 arbon sh	3 1,400 1,600 70 sx 1,12 H the muter i ng inderways fourth	7) 4 4,200 ² 4,900 ² 212 5x 1.12 H sl above a sl above a sl above a	5 TEC TEC TEC TEC TEC TEC TEC TEC TEC TEC
7,203	Certified I/	10/2023 h	P. E	Bigenerii Cibicides — Corresp @ 4, Operculi	na Humblei @ 7 5 Opima @ 8,00 onding Injectio 750' - 11,330' 1 noides @ 9,504 ina Ascensione	,214' TV 5' TVD: n Inten VDSS ' TVDS: nsis @ 1	/DSS /al	Laibel Top: Depti Bottom Pepti- Violume Yield (ft3/sack Oass Note: TVDS:	Ping 1 1 37 cm 37 cm 1 127 37 cm 1 127 4 4 4 5	2 1,130 1,430 1,430 1,13 tz 1,12 H 112 tz 1,12 H H	8 1,400 70 st 1,502 70 st 1,12 H fmmum 1 H stermum 1	4 4,200* 4,900* 212 sx 1.12 H will be set all above a sidularing distance di distance distance distance di distance distance di distance dista	FED TED TED TED TED TED TED TED TED TED T
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7.203 - 4.001 - 4.907 - 4.907 - 4.907 - 4.907 - 10.907 - 11.907 - 11.907 -	Certified I/	IO/2023 h	P, E, , E, , 330° ss iver P iestral SA 10° 05° 24.13	Bigenerii Cibicides Corresp @ 4, Operculi Marginul arish tion, LLC	na Humblei @ 7 s Opima @ 8,00 onding Injectio 750' - 11,330' 1 noides @ 9,504 ina Ascensione getata/Province: District: Lafayet Field: NA	,214' TV 5' TVDS n Inten VDSS ' TVDSS alo / Louistanz	vDSS ss ral 3 11,134	Label Top: Depti Bottom Vibiume Yield (R3/sack Oass Note: Votume Vibiane Vibia	Ping 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1,130 1,430 1,430 1,13 ar 1,13 a	a 1,600° 1,600° 1,600° 1,600° 1,600° 1,600° 1,600° 000° ccensibu PLUG	A 4,200° 4,200° 212 sx 1.12 H	F TED TED TED 1.12 H H h the F ² chag
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7.2007	Certified I/	IO/2023 h	P, E, P, E, 1,330' 1,350' 1,350' 1,550'	Bigenerii Cibicides Corresp @ 4, Operculi Marginul arish tion, LLC	na Humblei @ 7 s Opima @ 8,00 onding Injectic 750' - 11,330' 1 noides @ 9,504 ina Ascensione State/Province: District: Lafayet Field: NA Project No: LS1 Reviewed: Ben	,214' TV 5' TVOS In Inten VDSS ' TVDSS ' TVDSS	11.134	Label Top Depti Depti Valume Yilds (Talvack Cass Note: TVDSS TVDSS RPN C C S S C S S C S S S S S S S S S S S	Piug 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1,120 1,420 110 ex 1.12 H er 100 m er contrà artion shi NO. Itali: As 2D (Status ED (Status E B B	nna tio 9 1,407 1,602 70 cs 1,12 H 1,12 H 1,12 H 1,12 H 1,12 H 1,12 H 1,007	A 4 4,200 4,900 212 bx 1,12 H sl above a sl	FED TED TED 1.12 H

OFFICE OF CONSERVATION

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h) Logging & Testing Program:

1) Mudlogging Requirements:

a. Sample every 30 ft from surface to TD.

2) Coring Requirements:

No	Formation	Depth (ft)	Length (ft)
1	Pliocene Shale - Seal	4700	60
2	Lower Pliocene Sand - Injection Zone	4800	60
3	Upper Miocene - Injection Zone	5400	60
4	Big Hum - Injection Zone	7250	60
5	Cib Op - Seal & Injection Zone	8050	60
6	Operc - Seal & Injection Zone	9500	60
7	Marg. "A" - Seal	11170	60

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3) Logging Program:

		Interval/
Section	Open Hole Logs	sample
	Gamma Ray	0 - 1500
	Resistivity	0 - 1500
12 25" @ 1500	Density	0 - 1500
12.25 @ 1500	Neutron	0 - 1500
IL IL	SP	0 - 1500
	Sonic	0 - 1500
	4/6 arm caliper	0 - 1500
	Spectral GR	1500 - TD
	Resistivity	1500 - TD
	Density	1500 - TD
	Neutron	1500 - TD
	Spontaneous Potential	1500 - TD
	Dipole Sonic	1500 - TD
8.5" @ TD	High Resolution Resistivity Imager	1500 - TD
	Elemental Capture Spectroscopy	1500 - TD
	Magnetic Resonance	1500 - TD
	RSWC	150
	Pressure Sampling	15
	Fluid Sampling	10
	MDT (Drawdown Test)	5
		Interval/
Section	Cased Hole Logs	sample
12.25" @ 1500		
ft	CBL, GR, Temp	0 - 1500

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	Bottom Driller Depth Datum Mud Nat. "Density "Viscosity "Resist.	3025 3025 173'ABV. NA 9.0 35 1.6 @ 84 °F	10382 10385 GEL CAUS-QUEB 10.5 40 2.1@54 °F	3020 11257 11265 0IL-KEMB 11.6 45 1.16@100°F	3020 11821 11825 OIL-T8 12.1 51 1.3@86 °F	3020 12505 12509 12401L 12.6 64 2.4@88 °F		
	Bottom Driller Depth Datum Mud Nat. '' Density '' Viscosity '' Resist. '' Res. BHT	3025 3025 172'ABV. NA 9.0 35 16@84°F NA @-100'F	10 382 10 385 GEL CAUS-QUEB 10.5 40 2.1@54 °F .75@150 °F	3020 11257 11265 0IL-KEMB 11.6 45 1.16@100°F .70@166°F	3020 11821 11825 OIL-T8 12.1 51 1.3@86 °F @170 °F	3020 12505 12509 12509 12509 12501 12.6 64 2.4@88 °F		D]B D X [] []
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OFFICE OF CONSERVATION

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INJECTION & MINING DEPESION

STATE EXHIBIT NO. 7; DOCKET NO. IMD. 2023-01; PAGE 27 OF 31

January 3, 2023

Melissa Ashour, P.G. Louisiana Department of Natural Resources Office of Conservation, Injection and Mining Division 617 North Third Street Baton Rouge, LA 70802

Dear Ms. Ashour:

Enclosed is the original, notarized Proof of Publication for the legal notice for expedited review approval for Application No. 043669. The legal notice was published in The Advocate on December 5, 2022, a Class V Stratigraphic Test Well permit application filed by River Parish Sequestration, LLC.

If you have any questions or comments, please contact me at (832) 696-0052 or andrew.chartrand@blueskyinfrastructure.com.

Sincerely,

Andrew J. Chartrand VP, Regulatory, Environmental & Sustainability River Parish Sequestration, LLC

Enclosures

OFFICE OF CONSERVATION

JAN 04 2023

CAPITAL CITY PRESS

Publisher of THE ADVOCATE

PROOF OF PUBLICATION

The hereto attached notice was published in THE ADVOCATE, a daily newspaper of general circulation published in Baton Rouge, Louisiana, and the Official Journal of the State of Louisiana, City of Baton Rouge, and Parish of East Baton Rouge or published daily in

THE TIMES-PICAYUNE/THE NEW ORLEANS ADVOCATE, in New Orleans Louisiana or published daily in THE ACADIANA ADVOCATE in the following issues:

12/5/2022

by Newman, Public Notices Representative

Sworn and subscribed before me, by the person whose signature appears above

7 Dec 2022

M. Monic McChristian,

Notary Public ID#88293

State of Louisiana

OFFICE OF CONSERVATION My Commission Expires: Indefinite

JAN 04 2023

INJECTION & MINING DIVISION



Ad No: 16163

Andrew J. Chartrand 1333 West Loop South, Suite 830, Houston, TX 77027 LEGAL NOTICE Department of Natural Resources Office of Conservation Injection & Mining Division River Parish Sequestraton, LC WILDCAT-SO LA LAFAYETTE DIST Field Ascension Parish

LAFAYETTE DIST Field Ascension Parish Pursuant to LAC 43:XIX. Chapter 47 et seq., River Parish 13:Sequestration, South, Suite 830, Houston, TX 77027 has requested expedited processing of Permit Application No. 043669 for a class V stratigraphic test well located in WILDCAT-Field, in Section 25, So LA LAFAYETTE DIST Field, in Section 25, Township 11, South Parish, Louislana, The expedited review process does not shorten any exbedited review process does not shorten any exbertor, heave addited to the public for inspection and copying. Please address all comments or inquiries to:

Stephen H. Lee, Director Injection and Mining Division Office of Conservation P.O. Box 94275 Baton Rouge, LA 70804-9275 Attn: Melissa Ashour

16163 Dec. 5 1t

OFFICE OF CONSERVATION

JAN 04 2023

INJECTION & MINING DIVISION

StATE 住 XHIBIT NO. 7; DOCKET NO. IMD. 2023-01; PAGE 30 OF 31

OFFICE OF CONSERVATION

DEC 1 5 2022

INJECTION & MINING DIVISION

December 14, 2022

Richard P. leyoub Commissioner Louisiana Department of Natural Resources 617 North Third Street Baton Rouge, LA 70802

Dear Commissioner leyoub:

River Parish Sequestration, LLC, submitted Class-V Well Permit Applications to your office on October 26, 2022, for Palo Alto RPN-S #1 and Evan Belle ASMP RPN-S #1 test wells. In both of the applications, Andrew J. Chartrand was identified as the Agent/Contact (Box 40) and Timothy Watson provided the Certification by the Well Owner/Operator (Box 41). In accordance with LAC 43. XIX.105.D, I am submitting this letter to designate Timothy Watson as a duly authorized representative of River Parish Sequestration, LLC, and maintaining Andrew J. Chartrand as the Agent/Contact for the permit applications. I serve as a principal executive officer of River Parish Sequestration, LLC.

If you have any questions or comments, please contact me at (832) 696-0045 or oliver.tuckerman@blueskyinfrastructure.com.

Sincerely,

Tuckin

Oliver Tuckerman Co-President River Parish Sequestration, LLC

cc: Laura Sorey, Office of Conservation, Injection & Mining Division