Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000 Rule 165: 10-3-25

API No.: 35093252200001

OTC Prod. Unit No.: 093-2265320-0-0000

Completion Report

Spud Date: September 02, 2019 Drilling Finished Date: September 18, 2019

1st Prod Date: January 26, 2020

Completion Date: January 26, 2020

Drill Type: HORIZONTAL HOLE

Well Name: LIVIN LARGE 21N-9W 11-1H

- Location: MAJOR 11 21N 9W NE SE SW SW 356 FSL 1000 FWL of 1/4 SEC Latitude: 36.304838 Longitude: -98.136564 Derrick Elevation: 1314 Ground Elevation: 1296
- Operator: INTERSTATE EXPLORATIONS LLC 24089 PO BOX 984 301 E 18TH ST CISCO , TX 76437-0984

Min Gas Allowable: Yes

Purchaser/Measurer: TARGA

First Sales Date: 02/05/2020

	Completion Type	Location Exception	Increased Density
Х	Single Zone	Order No	Order No
	Multiple Zone	709400	There are no Increased Density records to display.
	Commingled		

	Casing and Cement									
Т	Туре		Size Weight		Grade	Fe	et	PSI	SAX	Top of CMT
SUF	SURFACE 9.62		9.625	36	J-55	J-55 523			202	SURFACE
PROD	PRODUCTION		7	29	P-110	754	48		235	5150
					Liner					
Туре	Type Size Weight Grade					PSI	SAX	Тор	Depth	Bottom Depth
LINER	4.5	13.5	; н	CP-110	5213	0	555	6	8959	12172

Total Depth: 12190

Pac	ker	PI	ug
Depth	Brand & Type	Depth	Plug Type
There are no Packe	r records to display.	There are no Plug	records to display.

Initial Test Data

Test Date	Formation	Oil BBL/Day	Oil-Gr (AF		Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut- In Pressure	Choke Size	Flow Tubing Pressure
Mar 05, 2020	MISSISSIPPIAN	MISSISSIPPIAN 233			243	1043	3103	ESP		open	220
		Cor	npletio	n and [·]	Test Data k	by Producing F	ormation				
	Formation Name: MISSI	SSIPPIAN			Code: 35	9MSSP	С	lass: OIL			
	Spacing Orders					Perforated I	ntervals				
Order No Unit Size					Fron	n	Т	о			
6970	076	640			7690)	120	025			
	Acid Volumes					Fracture Tre	atments				
	1,206 BARRELS 15% HC	L		474,	111 BARRE	ELS SLICKWAT PROPP		572 POUNDS	3		
Formation		Т	ор		v	/ere open hole l	ogs run? No				
OSWEGO				6385 Date last log run:							
RED FORK				6760 Were unusual drilling circumstances encountered? No							
MANNING				6882 Explanation:							
MISSISSIPPI				7036							
Other Remarks	6										
OCC - ESP IS E	ELECTRONIC SUBMERSIE	BLE PUMP									
	Lateral Holes										
Sec: 15 TWP: 2	21N RGE: 9W County: MAJ	OR									
SW SE SE	SE										
200 FSL 413	FEL of 1/4 SEC										
Dopth of Doviet	epth of Deviation: 6696 Radius of Turn: 1119 Direction: 182 Total Length: 5433										

Measured Total Depth: 12190 True Vertical Depth: 7304 End Pt. Location From Release, Unit or Property Line: 200

FOR COMMISSION USE ONLY

Status: Accepted

1145602

										. /	
	pl							/)	wit	fed : 2010	
API 093-25220	(PLEASE TYPE OR US	SE BLACK INK ONLY)						SUL	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	·nnn	
					A CORPORA Gas Consen			a	-18-	- AN	
OTC PROD. 093226532	0				Post Office B		2000	1	GUI		
X ORIGINAL AMENDED (Reason)			_		a City, Oklahi Rule 165: DMPLETION	10-3-25	2000		Vin		
TYPE OF DRILLING OPERATI		71	_ [SPUD OATE		/2019] _		640 Acres	· · · · · · · · ·	-
STRAIGHT HOLE			ſ	DRLG FINISHE	D 9/18	3/2019	_				
If directional or horizontal, see	reverse for bottom hole location.		,	DATE DATE OF WEL		5/2020					
LEACE	/IN LARGE 21N-9W	10/5/1		COMPLETION 1st PROD DAT		5/2020					
NAME	V 1/4 SW 1/4 FSL OF 3	NO.					w				E
ELEVATION 1314 KB Grou				Longitude		36564]
Damick FL			0TC /	(if known) OCC							
NAME	TERSTATE EXPLORA	-		ATOR NO.		089					
ADDRESS		MAR ST. STE	.1370					¤			
	HOUSTON	STATE		TX ZI		760		tl	LOCATE WE	LL	•
COMPLETION TYPE X SINGLE ZONE	1	CASING & CEMEN TYPE	T (Atta			1	FEET	P\$I	SAX	TOP OF CMT	1
MULTIPLE ZONE	+	CONDUCTOR				1			+		
Application Date COMMINGLED Application Date	,709400F0	SURFACE	9.6	25 36	J-55	1	523		202	GULPORE	
LOCATION EXCEPTION	702028-	INTERMEDIATE	17	29	P-110	1	7,548	1	235	5,150	
INCREASED DENSITY ORDER NO.											
		LINER	4.	5 13.5	110	695	9-12172		555	6,941	
PACKER @BRA	ND & TYPE	_PLUG @	тт	YPE					TOTAL DEPTH	12,190	
-		_PLUG @ N _ 359 M		үре р	PLUG @		TYPE	<u> </u>			
FORMATION	MISSISSIPPIAN -	1	Ť	·					Re	portor	to
SPACING & SPACING	(640) HX. 697076								T	T	
ORDER NUMBER CLASS: Oil, Gas. Dry. Inj,	0401918. 097070								17	ac Tocily	,
Disp. Comm Disp. Svc	oi/	per Gl	DA.								
	7690-12025	1									
PERFORATED		1		<u></u>					·		
INTERVALS											
				<u> </u>							
ACID/VOLUME	1,206 bbls 15% HCL	ļ									
	474,111 bbls slickwater										
FRACTURE TREATMENT	11,633,672# proppant										
(Fluids/Prop Amounts)			+							{	
	Min Gas Allo X OR	wable (165:1	0-17-7)			Purchaser/№ Sales Date	leasurer		Tar 2/5/2	rga 2020	
INITIAL TEST DATA	Oil Allowable	(165:10-13-3)								·····	
NITIAL TEST DATE	3/5/2020										
OIL-BBL/DAY	233										
DIL-GRAVITY (API)	38										
GAS-MCF/DAY	243										
GAS-OIL RATIO CU FT/BBL	1043										
//ATER-BBL/DAY	3103										
PUMPING OR FLOWING	ESP										
NITIAL SHUT-IN PRESSURE											
CHOKE SIZE	Open										
	220			da_1							
to make this report, which was r	ed through, and pertinent remarks a prepared by me or under my superv	vision and direction, with	the dat	a and facts sta	ed herein to I	e of the con be true, corri	ect. and comple	te to the best 0/18/2020	t of my knowle) (713	edge and belief. 3) 308-4910	
SIGNATI 1331 LAMAR ST		N. HOUSTON	AME (P TX	RINT OR TYP 7701			matte	DATE awson@		ONE NUMBER	
ADDRE		CITY	STAT		<u> </u>			MAIL ADDR		······	

Form 1002A Rev. 2009

PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD LIVIN LARGE 21N-9W 11-1H Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstern tested. WELL NO. LEASE NAME FOR COMMISSION USE ONLY NAMES OF FORMATIONS TOP OSWEGO 6,385' ITD on file Г YES REDFORK 6,760' APPROVED DISAPPROVED 2) Reject Codes MANNING 6,882' 7.036 TVD MISSISSIPPI 7284 MD Were open hole logs run? _____yes __X_no Date Last log was run X no at what depths? Was CO, encountered? ves X_no Was H₂S encountered? yes _ at what depths? X no Were unusual drilling circumstances encountered? yes If yes, briefly explain below OCC-ESP- is electronic submersible pump Other remarks:

 	 640	Acres		
				ø

If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in dogroes azimuth. Ploase note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit

Directional surveys are required for all drainholes and directional wells. 640 Acres

	,	ļ		

SEC	TWP	RGE		COUNTY				
Spot Lo	cation					FSL		WL
	1/4	1/4	1/4	4 1/-	Feet From 1/4 Sec Lines	FSL	r i i i i i i i i i i i i i i i i i i i	VVL
Measure	ed Total Depth		True Vertical D	lepth	BHL From Lease, Unit, or Pro	operty Line:		
SOTTO	M HOLE LOCATIO	I FOR I	IORIZONTAL H	OLE: (LATERAI	_S)		<u>per ex</u>	hibit
^{SEC} 1	5 ^{TWP} 21N	RGE	9W	COUNTY		MAJOR	-1	41
Spot Loc SW	1/4 SE	1/4	SE 1/4	SE 1/4			200' FI	EL 414
Depth of Deviation	n 0,090		Radius of Turn	1,119'	Direction 182	Total Length		33'
leasure	d Total Depth		True Vertical D	•	BHL From Lease, Unit, or Pro			
	12190'		7,3	304'		200'		
LATERA								
SEC	TWP	RGE		COUNTY				
Spot Loc	ation 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FV	WL
•	1/4		Radius of Turn		Direction	Total		
Depth of Deviation			Radius of Turn			Length		
Deviation			True Vertical De	epth	BHL From Lease, Unit, or Pro		· · · · · · · · · · · · · · · · · · ·	
Deviation	n d Total Depth				BHL From Lease, Unit, or Pro		· · · · ·	
ATERA	d Total Depth	RGE		epth COUNTY	BHL From Lease, Unit, or Pro			
ATERA BEC Spot Loc	n d Total Depth L #3 TWP ation 1/4	RGE 1/4	True Vertical Da		Feet From 1/4 Sec Lines	perty Line:	FV	VL.
ATERA ACTERA EC Spot Loc.	n d Total Depth L #3 TWP ation 1/4		True Vertical De	COUNTY 1/4	Feet From 1/4 Sec Lines	FSL Total Length	FV	VL

API NUMBER:	093 25220	А	OIL & G	AS CONSER	OK 73152-2000		A	pproval Date: xpiration Date:	226532 04/16/2019 10/16/2020	
Horizontal Hole mend reason: CHAN DRDERS; CHANGE S			A	MEND PERM				Spud	9-2-201 nul data e - 7-20	g atry
WELL LOCATION	· Sac. 11 T	wp: 21N Rge: 9V	V County: M/					/-	-1-20	
			FEET FROM QUARTER: FROM		WEST					
SPOT LOCATION	: [NE] [SE	sw sw	SECTION LINES:	356	1000					
Lease Name:	LIVIN LARGE 21	N-9W	Well No:	: 11-1H		Well will be	356 f	feet from neares	st unit or lease bou	indary.
Operator Name:	INTERSTATE	EXPLORATIONS LL	c	Telephone:	8178503600		OTC/O	CC Number:	24089 0	
INTERST PO BOX		RATIONS LLC			ROBER'	t d. & Mildr	ED L. R	ATZLAFF		
	504		70/07 000/		47316 H	IGHWAY 412	2			
CISCO,		тх	76437-0984		MENO			OK 7	3760	
2 3 4 5 Spacing Orders:	697076		7694 Location Excepti	on Orders:	7 8 9 10		n pasear D	Density Orders:		
	·		Location Except			-				
Pending CD Num	ibers: 2019013	16				S	pecial Ord	ers:		
Total Depth:	12861	Ground Elevation: 1	298 Surfac	e Casing: 52	0	Depth	to base of	Treatable Water	r-Bearing FM: 470	
Under Federa	I Jurisdiction: No	1	Fresh Wa	ater Supply Weil Dr	illed: No			Surface Water u	sed to Drill: Yes	
PIT 1 INFORMA	TION				Approved Method for	or disposal of Drilli	ng Fluids:			
Type of Pit Syste	em: CLOSED C	losed System Means	Steel Pits							
	stem: WATER 8/				D. One time land a				PERMIT NO:	19-36470
	8000 Average: 500				H. CLOSED SYST	EM#STEEL PITS	(REQUIRE	- OKDER 287	231)	
		ater than 10ft below b	ase of pit? Y							
Wellhead Protect	municipal water we ction Area? Y	14 F T								
		cally Sensitive Area.								
Category of Pit										
	red for Category:									
	AP/TE DEPOSIT									
Pit Location For	mation: TERRA	ACE								

HORIZONTAL HOLE 1 Twp 21N Rge 9W Sec 15 MAJOR County Spot Location of End Point: SW SE SE SE Feet From: SOUTH 1/4 Section Line: 200 Feet From: EAST 1/4 Section Line: 400 Depth of Deviation: 6800 Radius of Turn: 397 Direction: 185 Total Length: 5437 Measured Total Depth: 12861 True Vertical Depth: 7694 End Point Location from Lease, Unit, or Property Line: 200 Notes: Category Description HYDRAULIC FRACTURING 4/12/2019 - G71 - OCC 165:10-3-10 REQUIRES: 1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE; 2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND, 3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG PENDING CD - 201901316 7/24/2019 - GB1 - (I.O.) 15-21N-9W X697076 MSSP, WDFD COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 330' FEL NO OP. NAMED REC. 3/26/2019 (M. PORTER) PUBLIC WATER SUPPLY WELL 4/12/2019 - G71 - ENID - 1 PWS/WPA, NE/4 14-21N-9W SPACING - 697076 7/24/2019 - GB1 - (640)(HOR) 15-21N-9W EXT 687019 MSSP, WDFD COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL

COMPL. INT (MSSP) NCT 660' FB

(COEXIST SP ORDER #75566 MNNG, MSSP)

Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000 Rule 165: 10-3-25

	No.: 35093252200001				Comj	pletion Re	port		-		•	•	mber 02, 2019
010	Prod. Unit No.: 09322653	200000							Di	•		•	mber 18, 2019
													iry 26, 2020
										Compl	etion Da	ite: Janua	iry 26, 2020
Drill	Type: HORIZONTAL	HOLE									·.··	.t	
Well	Name: LIVIN LARGE 21N	-9W 11-1H							Purc	haser/Me	easurer:		
Loca	ation: MAJOR 11 21N								First	Sales Da	ate:		
	NE SE SW S 356 FSL 1000 F	WL of 1/4 SEC								n Grant an an			
	Latitude: 36.30483 Derrick Elevation:			296									
Ope	rator: INTERSTATE EXF		IC 24089)				1991 1994 - 1995		n de la companya de l Na companya de la comp			
	PO BOX 984 301 E 18TH ST						đ.					*, 	
	CISCO , TX 76437	-0984											
	Completion Type		Loca	tion Exc	eption]*:			Inc	reased	Density	
×	Single Zone			Order N	0					en an Anna Anna Anna Anna Anna Anna Anna	Order	No	
	Multiple Zone	There are no l	Location Ex	ception	records to	display.		There	e are no l	ncreased	Density	records to	o display.
	Commingled							k					
<u></u>	<u> </u>					Ca	sing an	d Cem	ent				
		Т	ype		Size	Weight	Gra	ade	Fe	et	PSI	SAX	Top of CMT
		SUF	RFACE		9.625	36	J	55	52	23	<u></u>	202	0
		INTER	MEDIATE		7	29	P1	10	75	48		235	5150
				1			Lin	er				L.,	·····
		Туре	Size	Weigi	nt G	Grade	Leng	th	PSI	SAX	Тор	Depth	Bottom Depth
		LINER	4.5	13.5	н	CP110	5213	,	0	555		6959	
	ersen Artista Artista			I				I			I		
												Total	Depth: 12190
	<u>بر الماند.</u> هو	Packer								Plu	g		
<u> </u>	Denth	* <u>sette en</u>	Brond	& Type	·	┥┝──		Dent	h		· ·	Diug	Turno

Packer	Plug
Depth Brand & Type	Depth Plug Type
There are no Packer records to display.	There are no Plug records to display.

Initial Test Data Oil BBL/Day Oil-Gravity (API) Gas MCF/Day Gas-Oil Ratio Cu FT/BBL Test Date Water BBL/Day Initial Shut-Formation Choke Flow Tubing Pumpin or Flowing In Size Pressure Pressure There are no Initial Data records to display.

ation	Тор
OSWEGO	6385
REDFORK	6760
MANNING	6882
MISSISSIPPI	7036

Were open hole logs run? No Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks	
There are no Other Remarks.	
	a prime the start of the
Lateral Holes	and the second secon
Sec: 15 TWP: 21N RGE: 9W County: MAJOR	
SW SE SE SE	
200 FSL 414 FEL of 1/4 SEC	
Depth of Deviation: 6696 Radius of Tum: 1119 Direction: 182 Total Length: 5433	
Measured Total Depth: 12190 True Vertical Depth: 7304 End Pt. Location From Release	e, Unit or Property Line: 200

FOR COMMISSION USE ONLY

Status: External Data Entry

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