Independent Statistics & AnalysisU.S. DEPARTMENT OF ENERGYOMB NoU.S. Energy Information AdministrationENERGY INFORMATION ADMINISTRATION Washington DC 20585Expiration Date Version Burd													
FORM EIA-23L ANNUAL SURVEY OF DOMESTIC OIL AND GAS RESERVES SURVEY YEAR 2018 COVER PAGE													
This report is mandatory under concerning the confidentiality of					Resubmission?								
PART I. IDENTIFICATIO	N												
Complete and return by April Oil and Gas Surveys U.S. Department of Energy, E Ben Franklin Station P O Box 279		EIA Operator ID Code Operator Name	Enter EIA Operator ID number, if not shown.										
Washington DC 20044-0279 OR		Street or PO Box											
Fax to 202 586-1076 / Form Questions? Call 1-800-8	-	City, State, Zip Code											
1. Contact Information (person	n most knowledgea	able about the reported data)		as your company an oil and gas g survey year 2018? <i>(See B. W</i>									
Contact Person			(1)	No Complete only items 3 -14	below and return this page								
Phone Number		Ext	(2)	(2) Yes Complete all of the form									
E-mail Address													
Company was sold to	n mailing label are ne, contact persor or merged with co business. Operati	correct. n, and/or mailing address as indi ompany entered below. ons transferred to company entered	cated below										
Street or PO Box													
City, State, Zip Code													
Contact Person (<i>Please Pr</i>	int)												
Phone Number	Ext	Fax:	E	Email Address									
Comments PART II. APPROVAL													
5. Reviewed and approved by (Please Print)			6. Title									
7. Signature				8. Date									

Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction.

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FORM EIA-23L ANNUAL SURVEY OF DOMESTIC OIL AND GAS RESERVES

OMB No. 1905-0057 Expiration Date: 5/31/2019 Version No.: 2018.1

SCHEDULE A - OPERATED PROVED RESERVES, PRODUCTION, AND RELATED DATA BY COUNTY

Report All Liquid Volumes in Thousands of Barrels [MBbls] at 60°F

2018

Report All Volumes of Natural Gas in Millions of Cubic Feet [MMCF] at 60°F and 14.73 psia

1.0 OPER	ATOR DETA	ILED DAT	A REP	ORT																					
1.1 EIA OPERATOR ID CODE 1.2 OPERATOR			NAME					SURVE	Y DA	re		1.3 ORI	GINAL		1.4 A	MEND	D			1.5 PA	GE				
											12	31	18										OF		-
2.0 COUN	TY DATA (C	PERATED	BASI	S)																					
	1. STATE CODE	2. SUBDIV CODE CC		OUNTY DDE	4. COUNTY NAME	5. TYPE CODE	6. FIELD	6. FIELD, PLAY, OR PROSPECT NAME (OPTIONAL) 7. PROVED NONPRODUCING RESERVES – DECEMBER 31,														8. F	OOTNOTE		
2.1												(CRUDE a) (MBb	OIL lls)	DIS	SOCIATED- SSOLVED AS (MMCF)	(c		ONASSO GAS (I	OCIATED /MCF)	,	(d) (MI	IDENSATE Bbls)		
9. # OF PRODUCING WELLS										10. # OF W	/ELLS A	DDED	IN 2018				11. # OF \	WELL	S SOLD	IN 2018	T^{\perp}				
TYPE OF HYDROCARBON					TOTAL OVED RESERVES CEMBER 31, 2017 (A)	INCR	ISION EASES B)	REVISION DECREASES (C)				6	EXTENSIONS AND DISCOVERIE: (F)					ES PRODUCTI (G)			EAR DUCTION	TOTAL PROVED RESERVES DECEMBER 31, 2018 (H)			
12. CRUDE C	DIL (MBbls)																								
13. ASSOCIA	TED-DISSOLV	ed gas (MMC	CF)																						
14. NONASS	OCIATED GAS	(MMCF)																							
15. LEASE C	ONDENSATE (MBbls)																							
	1. STATE CODE	2. SUBDIV CODE	3. CO	OUNTY	4. COUNTY NAME	5. TYPE CODE						7	7. PROVED	NONPRO	ODUCING	RESERVE	S – DECE	EMBE	R 31. 20	18		1			
2.2	CODE			JDE		CODE	6. FIELD, PLAY, OR PROSPECT NAME (OPTIONAL)						7. PROVED NONPRODUCING RESERVES – DECE CRUDE OIL ASSOCIATED-DISSOLVED (a) (MBbis) (b) GAS (MMCF)					NONASSOCIATED LEASE CO			LEASE COI (d) (Mi	ONDENSATE MBbls)		8. FOOTNOTE	
				-						10 10 0 5 10	(5110.4														
9. # OF PRODUCING WELLS				TOTAL		10. # OF WELLS					DDED	ED IN 2018 11. # OF WELLS SOI						LS SOLL	0 IN 2018		RVEY	1	τοτά	1	
TY	PE OF HYDRO	DCARBON			OVED RESERVES CEMBER 31, 2017 (A)	INCR	ISION EASES B)				ISITIONS (E)	6		EXTENSIONS AND DISCOVERIES PRODUCTION (F) (G)					EAR DUCTION	PROVED RESERVES DECEMBER 31, 2018 (H)					
12. CRUDE	OIL (MBbls)						_/	(0)	(-)		(_)					(*)						(-)		()	
13. ASSOCIA	ATED-DISSOL	ED GAS (MM	CF)																						
14. NONASSOCIATED GAS (MMCF)																									
15. LEASE C	ONDENSATE	(MBbls)																							
1. STATE 2. SUBDIV 3. COUNTY 4. COUNTY NAME					5. TYPE								7. PROVED NONPRODUCING RESERVES – DECEMBER 31, 20								8				
2.3 CODE CODE CODE					CODE	6. FIELD	ELD, PLAY, OR PROSPECT NAME (OPTIONAL)					CRUDE OIL ASSOCIATED-DISSOLVED NONAS					IONASS	SOCIATED LEASE CON			NDENSATE Bbls)		OOTNOTE		
9. # OF PRODUCING WELLS								10. # OF WELLS ADDE			IN 2018		11. # OF WELLS SOLD IN			IN 2018									
TYPE OF HYDROCARBON					TOTAL OVED RESERVES CEMBER 31, 2017 (A)	INCR	ISION EASES B)	REVISION DECREASES (C)	SALES (D)	ACQUISITIONS (E)			EXTENSIONS AND DISCOVERIES (F)							SURVEY YEAR PRODUCTION (G)			TOTAL PROVED RESERVES DECEMBER 31, 2018 (H)		
12. CRUDE	OIL (MBbls)																								
13. ASSOCI	ATED-DISSOL	ED GAS (MM	CF)																						
14. NONASS	OCIATED GAS	(MMCF)																							
15. LEASE CONDENSATE (MBbls)																									

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FORM EIA-23L ANNUAL SURVEY OF DOMESTIC OIL AND GAS RESERVES SCHEDULE B – FOOTNOTES

OMB No. 1905-0057 Expiration Date: 5/31/2019 Version No.: 2018.1

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1.1 EIA OPERATOR ID CODE		1.2 OPERATOR	1.2 OPERATOR NAME					E	1.3 ORIGINAL 1.4 AMENDED 1.5 PAGE							
							12	31	18						OF	
STATE CODE (A)	SUBDIV CODE (B)	COUNTY CODE (C)	TYPE CODE (D)	HYDROCARBON TYPE (E)	COLUMN (F)	I				FOOTN (G	IOTES 3)					