

SOUTH DAKOTA OIL AND GAS PRODUCTION SUMMARY 2019

Enhanced Recovery Unit (ERU)	County	Date Unit Established	Enhanced Recovery Method	Producing Formation	Well Vertical Depth (ft.)	Spacing (acres)	Setback (ft.)	Oil (Bbl)	Total Gas (Mcf)	Marketed Gas (Mcf)	Water (Bbl)
Alum Creek Unit	Fall River	1985	Waterflood	Minnelusa Formation	3435-4291	40	500 from spacing unit boundary	6,262	-	-	402,169
Buffalo Red River Unit	Harding	1978	Fireflood	Red River Formation	8368-9332	Unit Area	660 from ERU boundary	64,145	1,145,616	-	292,031
Central Buffalo Red River Unit	Harding	2004	Waterflood	Red River Formation	8620-8950	Unit Area	660 from ERU boundary	162,689	-	-	1,083,150
Clarkson Ranch Red River Unit	Harding	2019	Waterflood	Red River Formation	8829-9165	Unit Area	500 from ERU boundary	16,345	11,587		57,383
Crooked Creek Red River Unit	Harding	2018	Waterflood	Red River Formation	8935-8989	Unit Area	500 from ERU boundary	29,161	22,901	546	37,609
Eagles Nest Red River Unit	Harding	2018	Waterflood	Red River Formation	8916-8941	Unit Area	500 from ERU boundary	8,919	1,899		17,276
East Harding Springs Red River Unit	Harding	2003	Waterflood	Red River Formation	8850-9771	Unit Area	500 from ERU boundary	64,240	28,389	11,971	399,413
Igloo Unit	Fall River	1992	Waterflood	Minnelusa Formation	3196-3550	40	500 from spacing unit boundary	-	-	-	-
Indian Creek Unit	Fall River	1989	Waterflood	Minnelusa Formation	2600-4611	40	500 from spacing unit boundary	-	-	-	-
North Buffalo Red River Unit	Harding	1999	Waterflood	Red River Formation	8972-9150	Unit Area	500 from ERU boundary	43,103	10,179	-	341,874
Pete's Creek Red River Unit	Harding	2009	Waterflood	Red River Formation	8856-9247	Unit Area	500 from ERU boundary	121,203	47,777	8,234	270,970
South Buffalo Red River Unit	Harding	1983	Fireflood	Red River Formation	8312-8736	Unit Area	660 from ERU boundary	179,952	3,171,226	-	1,020,769
South Dakota-State Line Red River Unit	Harding	2008	Waterflood	Red River Formation	8965-9235	Unit Area	500 from ERU boundary	45,308	18,772	-	499,357
Travers Ranch Red River Unit	Harding	2012	Waterflood	Red River Formation	8882-9140	Unit Area	500 from ERU boundary	50,671	12,552	3,383	532,406
West Buffalo 'B' Red River Unit	Harding	1987	Waterflood	Red River Formation	8300-8530	Unit Area	500 from ERU boundary	48,365	5,290	3,146	269,603
West Buffalo Red River Unit	Harding	1987	Fireflood	Red River Formation	8318-8665	Unit Area	660 from ERU boundary	55,566	806,853	-	160,979
Total Production								895,929	5,283,041	27,280	5,384,989