

ARIZONA OIL AND GAS CONSERVATION COMMISSION
Oil, Gas, Helium Production Report

Nov 2016

	MONTHLY PRODUCTION			GAS MCF-DISP		YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBL	WATER BBLs			OIL BBL	WATER BBLs	GAS MCF	OIL BBL	WATER BBLs	GAS MCF
DINEH-BI-KEYAH (HERMOSA)											
Nacogdoches Oil and Gas											
01 Navajo (377) API# 02-001-20001	0	0	0	0	S	113	76	0	1,160,868	35,471	137,857
				0	U						
				0	V						
01 Navajo-138 (388) API# 02-001-20012	0	0	0	0	S	145	1,686	0	1,165,654	66,798	653,170
				0	U						
				0	V						
01 Navajo-88 (421) API# 02-001-20045	0	0	0	0	S	0	0	0	13,570	1,093	7,022
				0	U						
				0	V						
01 Navajo-C (484) API# 02-001-20092	30	23	0	0	S	305	0	0	9,185	2,092	2,501
				0	U						
				0	V						
01X Navajo-B (445) API# 02-001-20068	0	0	0	0	S	137	547	0	1,920,617	54,091	224,817
				0	U						
				0	V						
02 Navajo-88 (431) API# 02-001-20055	30	0	0	2,231	S	0	644	9,749	883,232	348,328	152,870
				0	U						
				0	V						
02 Navajo-B (385) API# 02-001-20010	30	0	0	1,136	S	0	0	21,994	0	0	1,985,421
				0	U						
				0	V						
03 Navajo-138 (723) API# 02-001-20253	15	58	0	0	S	183	0	0	109,827	5,152	101,371
				0	U						
				0	V						
03 Navajo-88 (443) API# 02-001-20066	0	0	0	0	S	0	0	0	179,463	62,432	182,629
				0	U						
				0	V						
03X Navajo (386) API# 02-001-20011	0	0	0	0	S	387	5,154	0	1,931,014	306,051	639,551
				0	U						
				0	V						
04 Navajo (384) API# 02-001-20009	30	0	0	827	S	0	0	17,149	3,625,859	3,157,643	130,950
				0	U						
				0	V						
06 Navajo (390) API# 02-001-20014	0	0	0	0	S	0	0	0	304,683	13,172	87,339
				0	U						
				0	V						

ARIZONA OIL AND GAS CONSERVATION COMMISSION
Oil, Gas, Helium Production Report

Nov 2016

	MONTHLY PRODUCTION			YEAR TO DATE			ALL TIME CUMULATIVE			
	DAYS	OIL BBL	WATER BBLs	GAS MCF-DISP	OIL BBL	WATER BBLs	GAS MCF	OIL BBL	WATER BBLs	GAS MCF
06 Navajo-88 (722) API# 02-001-20252	0	0	0	0 S 0 U 0 V	0	0	0	55,787	3,080	261,139
09 Navajo (396) API# 02-001-20020	30	231	2,242	0 S 0 U 0 V	2,980	26,845	0	1,668,736	611,489	259,211
11 Navajo (506) API# 02-001-20106	0	0	0	0 S 0 U 0 V	0	0	0	1,047,856	126,878	649,474
14 Navajo (416) API# 02-001-20040	30	46	249	0 S 0 U 0 V	253	1,292	0	322,883	24,976	148,816
15 Navajo (417) API# 02-001-20041	0	0	0	0 S 0 U 0 V	0	0	0	116,929	21,459	37,903
16 Navajo (419) API# 02-001-20043	0	0	0	0 S 0 U 0 V	0	0	0	104,844	50,974	16,680
17 Navajo (618) API# 02-001-20190	30	254	25	0 S 0 U 0 V	1,656	143	0	76,028	9,228	41,682
19 Navajo (691) API# 02-001-20240	0	0	0	0 S 0 U 0 V	440	144	0	357,115	11,857	239,279
20 Navajo (696) API# 02-001-20245	0	0	0	0 S 0 U 0 V	2	1	0	205,287	21,546	84,544
21 Navajo (693) API# 02-001-20242	0	0	0	0 S 0 U 0 V	0	0	0	102,073	41,886	29,906
22 Navajo (692) API# 02-001-20241	0	0	0	0 S 0 U 0 V	0	0	0	70,224	5,266	38,065
24 Navajo (695) API# 02-001-20244	0	0	0	0 S 0 U 0 V	0	0	0	307,872	1,223,095	55,778
25 Navajo (719) API# 02-001-20249	0	0	0	0 S 0 U 0 V	0	0	0	89,428	4,136	65,731

LEGEND ON LAST PAGE

ARIZONA OIL AND GAS CONSERVATION COMMISSION
Oil, Gas, Helium Production Report

Nov 2016

	MONTHLY PRODUCTION			YEAR TO DATE			ALL TIME CUMULATIVE			
	DAYS	OIL BBL	WATER BBLs	GAS MCF-DISP	OIL BBL	WATER BBLs	GAS MCF	OIL BBL	WATER BBLs	GAS MCF
26 Navajo (720) API# 02-001-20250	30	70	100	0 S 0 U 0 V	298	406	0	91,805	43,103	10,751
27 Navajo (721) API# 02-001-20251	0	0	0	0 S 0 U 0 V	28	84	0	111,801	1,755	54,683
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DINEH-BI-KEYAH (HERMOSA)		682	2,616	4,194	6,927	37,022	48,892	16,032,640 2,790,828 18,823,468	6,253,051 1,099,724 7,352,775	6,299,140 425,474 6,724,614
DRY MESA (MISSISSIPPIAN/PARADOX)										
Navajo Nation Oil&Gas Co.										
03 Navajo-138 (115) API# 02-001-05305	0	0	0	0 S 0 U 0 V	0	0	0	471,577	633,841	1,021,703
10 Navajo-138 (907) API# 02-001-20318	0	0	0	0 S 0 U 0 V	0	0	0	3,925	21,599	96,262
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)		0	0	0	0	0	0	475,502 377,167 852,669	655,440 2,238,572 2,894,012	1,117,965 1,400,847 2,518,812
BLACK ROCK (ISMAY/AKAH)										
Navajo Nation Oil&Gas Co.										
03 Black Rock (581) API# 02-001-20162	0	0	0	0 S 0 U 0 V	0	0	0	4,358	5,905	2,150,436
12 Black Rock (875) API# 02-001-20294	0	0	0	0 S 0 U 0 V	0	0	0	12,928	58,139	1,252,877
20 Black Rock (882) API# 02-001-20297	0	0	0	0 S 0 U 0 V	0	0	0	27,396	171,655	1,249,553
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL BLACK ROCK (ISMAY/AKAH)		0	0	0	0	0	0	44,682 26,183 70,865	235,699 290,528 526,227	4,652,866 4,875,107 9,527,973

ARIZONA OIL AND GAS CONSERVATION COMMISSION
Oil, Gas, Helium Production Report

Nov 2016

	MONTHLY PRODUCTION			YEAR TO DATE			ALL TIME CUMULATIVE			
	DAYS	OIL BBL	WATER BBLs	GAS MCF-DISP	OIL BBL	WATER BBLs	GAS MCF	OIL BBL	WATER BBLs	GAS MCF
ABANDONED FIELDS AND UNDESIGNATED								1,497,143	5,734,304	14,789,650
GRAND TOTALS		682	2,616	4,194	6,927	37,022	48,892	21,244,941	16,511,211	33,565,362

Gas Disposition Symbols in this Report:

- V - Flared/Vented S - Sold
 - U - Used on Lease L - Lost (Mcf estimated)
- All production done in Apache County.

State Permit Numbers are shown in parentheses

* - Amended Report

ARIZONA OIL AND GAS CONSERVATION COMMISSION
Oil, Gas, Helium Production Report

Field Operator Well	Days	Helium Monthly Production November 2016			DISP
		Oil BBL	Water BBL	He MCF	
Pinta Dome					
Ranger Development LLC					
Ranger 31-1 (1195) API 02-001-20495	30	0	0	16,177	E
Ranger 3-1 (1204) API 02-001-20499	30	0	0	4201	E
Ranger 33-1 (1194) API 02-001-20494	30	0	0	7020	E
Ranger 34-1 State 13-118076 (1205) API 02-001-20500	30	0	0	5161	E
Ranger 34-2 (1213) API 02-001-20503	0	0	0	0	
Monthly Total				32,559	
Operator Field Total				237,517	
Abandoned Producer				9,237,801	
Total Pinta Dome				9,475,318	

Legend

Helium: Between 1961 and 1976 cumulative production of Helium was 9,237,801 MCF.

Gas Disposition Symbols in this Report:

V - Flared/Vented S- Sold State Permit numbers are shown in parentheses.

U - Used on Lease L - Lost (MCF estimated) * - Amended Report

E - Explanation - The gross gas stream produced from these wells is measured at the wellsite. Then the gas is received by a gathering system with field compression to be delivered by pipeline to a helium extraction plant located in the area. The gas produced is over 90% inert components of which helium is recovered at the plant. The natural gas portion of the produced gas is less than 1% and is not commercialized. The helium content of the wells in the fields range between 5-8% and it is the only component of the produced gas that is commercialized downstream. All production done in Apache County.

Numbers may not total due to rounding.