

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

OCT 2013

	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
DINEH-BI-KEYAH (HERMOSA)										
Nacogdoches Oil and Gas										
01 Navajo (377) API# 02-001-20001	31	203	0	0 S 0 U 0 V	2,230	0	0	1,158,800	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	31	314	0	0 S 0 U 0 V	3,422	268	0	1,161,979	61,812	653,170
01 Navajo-88 (421) API# 02-001-20045	27	112	28	0 S 0 U 0 V	1,052	89	0	11,856	1,046	7,022
01 Navajo-C (484) API# 02-001-20092	31	18	0	0 S 0 U 0 V	110	0	0	8,475	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	31	148	0	0 S 0 U 0 V	2,636	0	0	1,918,420	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	27	257	283	0 S 0 U 0 V	3,184	3,526	0	879,627	344,966	143,751
02 Navajo-B (385) API# 02-001-20010	0	0	0	0 S 0 U 0 V	0	0	0	0	0	1,953,519
03 Navajo-138 (723) API# 02-001-20253	31	186	0	0 S 0 U 0 V	2,013	0	0	107,876	5,152	101,371
03 Navajo-88 (443) API# 02-001-20066	27	64	424	0 S 0 U 0 V	946	1,861	0	178,322	60,490	182,629
03X Navajo (386) API# 02-001-20011	15	18	0	0 S 0 U 0 V	160	0	0	1,926,794	279,975	639,551
04 Navajo (384) API# 02-001-20009	0	0	0	0 S 0 U 0 V	0	0	0	3,625,859	3,157,643	110,983
06 Navajo (390) API# 02-001-20014	30	143	0	0 S 0 U 0 V	1,706	0	0	303,526	12,448	87,339

LEGEND ON LAST PAGE

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

OCT 2013

	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
06 Navajo-88 (722) API# 02-001-20252	27	161	0	0 S 0 U 0 V	2,022	0	0	53,047	728	261,139
09 Navajo (396) API# 02-001-20020	30	536	1,132	0 S 0 U 0 V	2,464	5,142	0	1,662,277	562,658	259,211
11 Navajo (506) API# 02-001-20106	20	202	629	0 S 0 U 0 V	4,884	6,511	0	1,033,659	90,459	649,474
14 Navajo (416) API# 02-001-20040	30	125	0	0 S 0 U 0 V	822	0	0	321,089	21,091	148,816
15 Navajo (417) API# 02-001-20041	8	19	83	0 S 0 U 0 V	784	1,673	0	115,971	19,434	37,903
16 Navajo (419) API# 02-001-20043	31	387	1,787	0 S 0 U 0 V	3,253	10,703	0	100,007	46,518	16,680
17 Navajo (618) API# 02-001-20190	30	18	0	0 S 0 U 0 V	175	0	0	74,254	8,931	41,682
19 Navajo (691) API# 02-001-20240	30	214	0	0 S 0 U 0 V	2,359	0	0	355,426	11,443	239,279
20 Navajo (696) API# 02-001-20245	30	143	31	0 S 0 U 0 V	1,363	84	0	203,673	21,241	84,544
21 Navajo (693) API# 02-001-20242	31	203	0	0 S 0 U 0 V	1,792	0	0	101,270	41,587	29,906
22 Navajo (692) API# 02-001-20241	30	214	0	0 S 0 U 0 V	2,014	0	0	69,365	4,675	38,065
24 Navajo (695) API# 02-001-20244	30	572	6,670	0 S 0 U 0 V	6,223	67,213	0	301,889	1,159,837	55,778
25 Navajo (719) API# 02-001-20249	30	107	0	0 S 0 U 0 V	1,299	0	0	87,798	3,842	65,731

LEGEND ON LAST PAGE

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

OCT 2013

	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	89	283	0 S 0 U 0 V	1,897	3,680	0	90,577	41,352	10,751
27 Navajo (721) API# 02-001-20251	30	161	0	0 S 0 U 0 V	1,699	0	0	110,435	1,000	54,683
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DINEH-BI-KEYAH (HERMOSA)		4,614	11,350	0	50,509	100,750	0	15,962,271 2,791,624 18,753,895	6,045,958 1,103,617 7,149,575	6,238,152 429,787 6,667,939
DRY MESA (MISSISSIPPIAN/PARADOX)										
Navajo Nation Oil&Gas Co.										
03 Navajo-138 (115) API# 02-001-05305	3	0	0	0 S 13 U 0 V	28	1,437	112	471,495	633,683	1,021,672
10 Navajo-138 (907) API# 02-001-20318	31	0	771	0 S 1,263 U 0 V	146	4,919	5,265	3,814	17,242	83,420
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)		0	771	1,276	174	6,356	5,377	475,309 377,167 852,476	650,925 2,238,572 2,889,497	1,105,092 1,400,847 2,505,939
BLACK ROCK (ISMAY/AKAH)										
Navajo Nation Oil&Gas Co.										
03 Black Rock (581) API# 02-001-20162	23	0	25	4,688 S 0 U 0 V	0	71	19,531	4,325	5,823	2,108,545
12 Black Rock (875) API# 02-001-20294	31	32	352	2,628 S 0 U 0 V	346	4,802	12,911	12,552	54,016	1,232,704
20 Black Rock (882) API# 02-001-20297	31	146	880	2,941 S 0 U 0 V	602	7,261	16,307	26,675	163,740	1,217,451
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL BLACK ROCK (ISMAY/AKAH)		178	1,257	10,257	948	12,134	48,749	43,552 26,183 69,735	223,579 290,528 514,107	4,558,700 4,875,107 9,433,807

LEGEND ON LAST PAGE

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

OCT 2013

	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		4,792	13,378	11,533	51,631	119,240	54,126	21,173,249	16,287,483	33,397,335

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
U - Used on Lease L - Lost (Mcf estimated)

All production done in Apache County.

State Permit Numbers are shown in parentheses

* - Amended Report

Run Date 5/22/2014
7:04:01 AM

ARIZONA GEOLOGICAL SURVEY
Supplemental CO₂ Production Report

Page 1 of 1

OCT 2013

	MONTHLY PRODUCTION	YEAR TO DATE	ALL TIME CUMULATIVE
DAYS	CO₂ MCF-DISP	CO₂ MCF	CO₂ MCF
ST JOHNS (SUPAI)			
Kinder Morgan CO2 Company			
10-22 State (896)	0 S	0	377,894
API# 02-001-20308			
ABANDONED FIELDS AND UNDESIGNATED			0
GRAND TOTALS	0	0	377,894

Gas Disposition Symbols in this Report:

S - Sold

State Permit Numbers are shown in parentheses

* - Amended Report