

**ARIZONA GEOLOGICAL SURVEY**  
Oil, Gas, Helium Production Report

MAR 2014

	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
<b>DINEH-BI-KEYAH (HERMOSA)</b>										
Nacogdoches Oil and Gas										
01 Navajo (377) API# 02-001-20001	31	78	52	0 S 0 U 0 V	185	122	0	1,159,324	34,437	137,857
01 Navajo-138 (388) API# 02-001-20012	31	260	311	0 S 0 U 0 V	704	844	0	1,163,324	62,656	653,170
01 Navajo-88 (421) API# 02-001-20045	31	130	0	0 S 0 U 0 V	358	0	0	12,479	1,093	7,022
01 Navajo-C (484) API# 02-001-20092	31	26	0	0 S 0 U 0 V	72	0	0	8,584	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	31	156	208	0 S 0 U 0 V	426	569	0	1,919,132	51,792	224,817
02 Navajo-88 (431) API# 02-001-20055	28	281	211	0 S 0 U 0 V	831	623	0	881,062	346,061	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	22	92	0	0 S 0 U 0 V	320	0	0	108,572	5,152	101,371
03 Navajo-88 (443) API# 02-001-20066	30	100	126	0 S 0 U 0 V	283	356	0	178,756	61,554	182,629
03X Navajo (386) API# 02-001-20011	31	363	2,076	0 S 0 U 0 V	775	4,429	0	1,927,592	284,404	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	31	130	104	0 S 0 U 0 V	360	287	0	304,139	12,735	87,339

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06 Navajo-88 (722) API# 02-001-20252	31	208	208	0 S 0 U 0 V	575	575	0	53,999	1,303	261,139
09 Navajo (396) API# 02-001-20020	31	311	2,335	0 S 0 U 0 V	810	6,076	0	1,663,827	570,689	259,211
11 Navajo (506) API# 02-001-20106	31	1,245	3,166	0 S 0 U 0 V	3,409	8,667	0	1,037,304	100,248	649,474
14 Navajo (416) API# 02-001-20040	29	121	243	0 S 0 U 0 V	326	651	0	321,676	21,742	148,816
15 Navajo (417) API# 02-001-20041	27	68	136	0 S 0 U 0 V	151	301	0	116,250	20,107	37,903
16 Navajo (419) API# 02-001-20043	31	389	260	0 S 0 U 0 V	1,076	718	0	101,822	48,978	16,680
17 Navajo (618) API# 02-001-20190	27	45	22	0 S 0 U 0 V	136	68	0	74,427	8,999	41,682
19 Navajo (691) API# 02-001-20240	29	73	24	0 S 0 U 0 V	208	69	0	356,073	11,512	239,279
20 Navajo (696) API# 02-001-20245	27	113	22	0 S 0 U 0 V	343	68	0	204,209	21,331	84,544
21 Navajo (693) API# 02-001-20242	31	52	26	0 S 0 U 0 V	143	72	0	101,619	41,659	29,906
22 Navajo (692) API# 02-001-20241	31	52	52	0 S 0 U 0 V	142	142	0	69,773	4,817	38,065
24 Navajo (695) API# 02-001-20244	31	675	6,747	0 S 0 U 0 V	1,619	16,178	0	304,624	1,190,634	55,778
25 Navajo (719) API# 02-001-20249	31	130	26	0 S 0 U 0 V	359	72	0	88,297	3,914	65,731

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26 Navajo (720) API# 02-001-20250	31	78	104	0 S 0 U 0 V	200	266	0	90,884	41,869	10,751
27 Navajo (721) API# 02-001-20251	31	130	78	0 S 0 U 0 V	358	215	0	111,003	1,215	54,683
OPERATOR FIELD TOTAL		5,306	16,537	0	14,169	41,368	0	15,984,610	6,108,636	6,238,152
ABANDONED PRODUCER								2,791,624	1,103,617	429,787
TOTAL DINEH-BI-KEYAH (HERMOSA)								18,776,234	7,212,253	6,667,939
<b>DRY MESA (MISSISSIPPIAN/PARADOX)</b>										
Navajo Nation Oil&Gas Co.										
03 Navajo-138 (115) API# 02-001-05305	0	0	0	0 S 0 U 0 V	82	20	16	471,577	633,728	1,021,703
10 Navajo-138 (907) API# 02-001-20318	30	0	431	1,056 S 85 U 0 V	4	1,506	4,048	3,818	19,842	89,485
OPERATOR FIELD TOTAL		0	431	1,141	86	1,526	4,064	475,395	653,570	1,111,188
ABANDONED PRODUCER								377,167	2,238,572	1,400,847
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)								852,562	2,892,142	2,512,035
<b>BLACK ROCK (ISMAY/AKAH)</b>										
Navajo Nation Oil&Gas Co.										
03 Black Rock (581) API# 02-001-20162	31	0	0	3,344 S 270 U 0 V	0	9	10,942	4,345	5,866	2,126,804
12 Black Rock (875) API# 02-001-20294	30	29	368	1,794 S 145 U 0 V	81	1,214	5,610	12,701	55,877	1,241,731
20 Black Rock (882) API# 02-001-20297	30	39	717	2,977 S 241 U 0 V	83	2,245	8,737	26,941	167,128	1,231,218
OPERATOR FIELD TOTAL		68	1,085	8,771	164	3,468	25,289	43,987	228,871	4,599,753
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								70,170	519,399	9,474,860

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ABANDONED FIELDS AND UNDESIGNATED								1,497,143	5,734,304	14,789,650
<b>GRAND TOTALS</b>		<b>5,374</b>	<b>18,053</b>	<b>9,912</b>	<b>14,419</b>	<b>46,362</b>	<b>29,353</b>	<b>21,196,109</b>	<b>16,358,098</b>	<b>33,444,484</b>

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 7/11/2014  
11:52:20 AM

**ARIZONA GEOLOGICAL SURVEY**  
Supplemental CO<sub>2</sub> Production Report

MAR 2014

	<b>MONTHLY PRODUCTION</b>	<b>YEAR TO DATE</b>	<b>ALL TIME CUMULATIVE</b>
<b>DAYS</b>	<b>CO<sub>2</sub> MCF-DISP</b>	<b>CO<sub>2</sub> MCF</b>	<b>CO<sub>2</sub> MCF</b>
<b>ST JOHNS (SUPAI)</b>			
Kinder Morgan CO2 Company			
10-22 State (896)	0 S	0	377,894
API# 02-001-20308			
<b>ABANDONED FIELDS AND UNDESIGNATED</b>			0
<b>GRAND TOTALS</b>	<b>0</b>	<b>0</b>	<b>377,894</b>

Gas Disposition Symbols in this Report:

S - Sold

State Permit Numbers are shown in parentheses

\* - Amended Report