

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

MAR 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
<b>DINEH-BI-KEYAH (HERMOSA)</b>										
Nacogdoches Oil and Gas										
01 Navajo (377) API# 02-001-20001	30	220	0	0 S 0 U 0 V	744	0	0	1,157,314	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	30	339	0	0 S 0 U 0 V	1,149	268	0	1,159,706	61,812	653,170
01 Navajo-88 (421) API# 02-001-20045	0	0	0	0 S 0 U 0 V	84	0	0	10,888	957	7,022
01 Navajo-C (484) API# 02-001-20092	0	0	0	0 S 0 U 0 V	0	0	0	8,365	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	30	320	0	0 S 0 U 0 V	1,082	0	0	1,916,866	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	30	320	449	0 S 0 U 0 V	910	1,102	0	877,353	342,542	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	30	201	0	0 S 0 U 0 V	680	0	0	106,543	5,152	101,371
03 Navajo-88 (443) API# 02-001-20066	0	0	0	0 S 0 U 0 V	0	0	0	177,376	58,629	182,629
03X Navajo (386) API# 02-001-20011	0	0	0	0 S 0 U 0 V	0	0	0	1,926,634	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	320	0	0 S 0 U 0 V	629	0	0	302,449	12,448	87,339

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06 Navajo-88 (722) API# 02-001-20252	27	180	0	0 S 0 U 0 V	549	0	0	51,574	728	261,139
09 Navajo (396) API# 02-001-20020	30	139	269	0 S 0 U 0 V	428	700	0	1,660,241	558,216	259,211
11 Navajo (506) API# 02-001-20106	30	399	0	0 S 0 U 0 V	1,335	1,647	0	1,030,110	85,595	649,474
14 Navajo (416) API# 02-001-20040	0	0	0	0 S 0 U 0 V	106	0	0	320,373	21,091	148,816
15 Navajo (417) API# 02-001-20041	0	0	0	0 S 0 U 0 V	0	0	0	115,187	17,761	37,903
16 Navajo (419) API# 02-001-20043	0	0	0	0 S 0 U 0 V	869	1,514	0	97,623	37,329	16,680
17 Navajo (618) API# 02-001-20190	28	19	0	0 S 0 U 0 V	45	0	0	74,124	8,931	41,682
19 Navajo (691) API# 02-001-20240	30	239	0	0 S 0 U 0 V	763	0	0	353,830	11,443	239,279
20 Navajo (696) API# 02-001-20245	30	139	0	0 S 0 U 0 V	419	0	0	202,729	21,157	84,544
21 Navajo (693) API# 02-001-20242	30	220	0	0 S 0 U 0 V	307	0	0	99,785	41,587	29,906
22 Navajo (692) API# 02-001-20241	30	240	0	0 S 0 U 0 V	458	0	0	67,809	4,675	38,065
24 Navajo (695) API# 02-001-20244	30	639	6,465	0 S 0 U 0 V	2,009	17,250	0	297,675	1,109,874	55,778
25 Navajo (719) API# 02-001-20249	30	139	0	0 S 0 U 0 V	419	0	0	86,918	3,842	65,731

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26 Navajo (720) API# 02-001-20250	30	520	1,167	0 S 0 U 0 V	869	1,319	0	89,549	38,991	10,751
27 Navajo (721) API# 02-001-20251	30	139	0	0 S 0 U 0 V	496	0	0	109,232	1,000	54,683
OPERATOR FIELD TOTAL		4,732	8,350	0	14,350	23,800	0	15,926,112	5,969,008	6,238,152
ABANDONED PRODUCER								2,791,624	1,103,617	429,787
TOTAL DINEH-BI-KEYAH (HERMOSA)								18,717,736	7,072,625	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	0	0	0	471,467	632,246	1,021,560
10 Navajo-138 (907) API# 02-001-20318	31	0	659	0 S 0 U 0 V	83	1,039	0	3,751	13,362	78,155
OPERATOR FIELD TOTAL		0	659	0	83	1,039	0	475,218	645,608	1,099,715
ABANDONED PRODUCER								377,167	2,238,572	1,400,847
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)								852,385	2,884,180	2,500,562
<b>BLACK ROCK (ISMAY/AKAH)</b>										
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	4,325	5,752	2,089,014
12 Black Rock (875) API# 02-001-20294	31	85	847	0 S 333 U 0 V	181	1,948	871	12,387	51,162	1,220,664
20 Black Rock (882) API# 02-001-20297	29	30	775	0 S 352 U 0 V	89	2,592	935	26,162	159,071	1,202,079
OPERATOR FIELD TOTAL		115	1,622	685	270	4,540	1,806	42,874	215,985	4,511,757
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								69,057	506,513	9,386,864

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ABANDONED FIELDS AND UNDESIGNATED								1,497,143	5,734,304	14,789,650
<b>GRAND TOTALS</b>		<b>4,847</b>	<b>10,631</b>	<b>685</b>	<b>14,703</b>	<b>29,379</b>	<b>1,806</b>	<b>21,136,321</b>	<b>16,197,622</b>	<b>33,345,015</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

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

MAR 2013

	<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