

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

JUN 2013

	MONTHLY PRODUCTION			GAS MCF-DISP	YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBL	WATER BBL		OIL BBL	WATER BBL	GAS MCF	OIL BBL	WATER BBL	GAS MCF
<b>DINEH-BI-KEYAH (HERMOSA)</b>										
Nacogdoches Oil and Gas										
01 Navajo (377) API# 02-001-20001	30	237	0	0 S 0 U 0 V	1,476	0	0	1,158,046	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	30	366	0	0 S 0 U 0 V	2,281	268	0	1,160,838	61,812	653,170
01 Navajo-88 (421) API# 02-001-20045	30	172	0	0 S 0 U 0 V	541	0	0	11,345	957	7,022
01 Navajo-C (484) API# 02-001-20092	30	22	0	0 S 0 U 0 V	51	0	0	8,416	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	30	345	0	0 S 0 U 0 V	2,147	0	0	1,917,931	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	30	346	347	0 S 0 U 0 V	1,952	2,411	0	878,395	343,851	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	215	0	0 S 0 U 0 V	1,344	0	0	107,207	5,152	101,371
03 Navajo-88 (443) API# 02-001-20066	30	345	35	0 S 0 U 0 V	622	77	0	177,998	58,706	182,629
03X Navajo (386) API# 02-001-20011	30	43	0	0 S 0 U 0 V	105	0	0	1,926,739	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	29	167	0	0 S 0 U 0 V	1,157	0	0	302,977	12,448	87,339

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06 Navajo-88 (722) API# 02-001-20252	30	215	0	0 S 0 U 0 V	1,207	0	0	52,232	728	261,139
09 Navajo (396) API# 02-001-20020	10	50	69	0 S 0 U 0 V	793	1,367	0	1,660,606	558,883	259,211
11 Navajo (506) API# 02-001-20106	28	402	519	0 S 0 U 0 V	2,638	3,110	0	1,031,413	87,058	649,474
14 Navajo (416) API# 02-001-20040	29	146	0	0 S 0 U 0 V	345	0	0	320,612	21,091	148,816
15 Navajo (417) API# 02-001-20041	30	215	209	0 S 0 U 0 V	578	713	0	115,765	18,474	37,903
16 Navajo (419) API# 02-001-20043	29	333	671	0 S 0 U 0 V	1,836	3,866	0	98,590	39,681	16,680
17 Navajo (618) API# 02-001-20190	29	22	0	0 S 0 U 0 V	107	0	0	74,186	8,931	41,682
19 Navajo (691) API# 02-001-20240	29	250	0	0 S 0 U 0 V	1,544	0	0	354,611	11,443	239,279
20 Navajo (696) API# 02-001-20245	29	146	0	0 S 0 U 0 V	881	0	0	203,191	21,157	84,544
21 Navajo (693) API# 02-001-20242	30	237	0	0 S 0 U 0 V	1,039	0	0	100,517	41,587	29,906
22 Navajo (692) API# 02-001-20241	30	258	0	0 S 0 U 0 V	1,246	0	0	68,597	4,675	38,065
24 Navajo (695) API# 02-001-20244	26	597	9,034	0 S 0 U 0 V	4,049	40,636	0	299,715	1,133,260	55,778
25 Navajo (719) API# 02-001-20249	29	146	0	0 S 0 U 0 V	875	0	0	87,374	3,842	65,731

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26 Navajo (720) API# 02-001-20250	29	208	336	0 S 0 U 0 V	1,528	2,652	0	90,208	40,324	10,751
27 Navajo (721) API# 02-001-20251	29	187	0	0 S 0 U 0 V	1,088	0	0	109,824	1,000	54,683
OPERATOR FIELD TOTAL		5,670	11,220	0	31,430	55,100	0	15,943,192	6,000,308	6,238,152
ABANDONED PRODUCER								2,791,624	1,103,617	429,787
TOTAL DINEH-BI-KEYAH (HERMOSA)								18,734,816	7,103,925	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	28	34	22	471,495	632,280	1,021,582
10 Navajo-138 (907) API# 02-001-20318	11	0	634	0 S 0 U 0 V	141	2,881	630	3,809	15,204	78,785
OPERATOR FIELD TOTAL		0	634	0	169	2,915	652	475,304	647,484	1,100,367
ABANDONED PRODUCER								377,167	2,238,572	1,400,847
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)								852,471	2,886,056	2,501,214
<b>BLACK ROCK (ISMAY/AKAH)</b>										
Navajo Nation Oil&Gas Co.										
03 Black Rock (581) API# 02-001-20162	20	0	0	1,531 S 0 U 0 V	0	0	2,711	4,325	5,752	2,091,725
12 Black Rock (875) API# 02-001-20294	30	11	386	872 S 147 U 0 V	308	3,233	3,017	12,514	52,447	1,222,810
20 Black Rock (882) API# 02-001-20297	30	23	508	882 S 0 U 0 V	349	4,528	3,314	26,422	161,007	1,204,458
OPERATOR FIELD TOTAL		34	894	3,432	657	7,761	9,042	43,261	219,206	4,518,993
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								69,444	509,734	9,394,100

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	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
<b>GRAND TOTALS</b>		<b>5,704</b>	<b>12,748</b>	<b>3,432</b>	<b>32,256</b>	<b>65,776</b>	<b>9,694</b>	<b>21,153,874</b>	<b>16,234,019</b>	<b>33,352,903</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 8/23/2013  
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**ARIZONA GEOLOGICAL SURVEY**  
Supplemental CO<sub>2</sub> Production Report

JUN 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