

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

JUL 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	90	60	0 S 0 U 0 V	479	318	0	1,159,618	34,633	137,857
01 Navajo-138 (388) API# 02-001-20012	31	299	359	0 S 0 U 0 V	1,633	1,959	0	1,164,253	63,771	653,170
01 Navajo-88 (421) API# 02-001-20045	31	150	0	0 S 0 U 0 V	805	0	0	12,926	1,093	7,022
01 Navajo-C (484) API# 02-001-20092	31	30	0	0 S 0 U 0 V	173	0	0	8,685	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	31	180	239	0 S 0 U 0 V	1,014	1,354	0	1,919,720	52,577	224,817
02 Navajo-88 (431) API# 02-001-20055	31	359	269	0 S 0 U 0 V	1,965	1,473	0	882,196	346,911	143,751
02 Navajo-B (385) API# 02-001-20010	30	0	0	1,439 S 0 U 0 V	0	0	2,375	0	0	1,955,894
03 Navajo-138 (723) API# 02-001-20253	31	150	0	0 S 0 U 0 V	780	0	0	109,032	5,152	101,371
03 Navajo-88 (443) API# 02-001-20066	17	66	82	0 S 0 U 0 V	616	773	0	179,089	61,971	182,629
03X Navajo (386) API# 02-001-20011	31	419	2,395	0 S 0 U 0 V	2,102	12,007	0	1,928,919	291,982	639,551
04 Navajo (384) API# 02-001-20009	31	0	0	854 S 0 U 0 V	0	0	2,175	3,625,859	3,157,643	113,158
06 Navajo (390) API# 02-001-20014	18	87	70	0 S 0 U 0 V	768	614	0	304,547	13,062	87,339

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06 Navajo-88 (722) API# 02-001-20252	31	239	239	0 S 0 U 0 V	1,366	1,367	0	54,790	2,095	261,139
09 Navajo (396) API# 02-001-20020	31	359	2,694	0 S 0 U 0 V	1,476	11,075	0	1,664,493	575,688	259,211
11 Navajo (506) API# 02-001-20106	31	1,437	3,652	0 S 0 U 0 V	7,823	19,886	0	1,041,718	111,467	649,474
14 Navajo (416) API# 02-001-20040	31	150	299	0 S 0 U 0 V	802	1,601	0	322,152	22,692	148,816
15 Navajo (417) API# 02-001-20041	31	90	180	0 S 0 U 0 V	445	889	0	116,544	20,695	37,903
16 Navajo (419) API# 02-001-20043	31	449	299	0 S 0 U 0 V	2,167	1,443	0	102,913	49,703	16,680
17 Navajo (618) API# 02-001-20190	31	60	30	0 S 0 U 0 V	333	167	0	74,624	9,098	41,682
19 Navajo (691) API# 02-001-20240	31	90	30	0 S 0 U 0 V	499	167	0	356,364	11,610	239,279
20 Navajo (696) API# 02-001-20245	28	135	27	0 S 0 U 0 V	806	160	0	204,672	21,423	84,544
21 Navajo (693) API# 02-001-20242	31	59	30	0 S 0 U 0 V	340	172	0	101,816	41,759	29,906
22 Navajo (692) API# 02-001-20241	31	59	60	0 S 0 U 0 V	336	337	0	69,967	5,012	38,065
24 Navajo (695) API# 02-001-20244	21	527	5,272	0 S 0 U 0 V	3,381	33,799	0	306,386	1,208,255	55,778
25 Navajo (719) API# 02-001-20249	31	150	30	0 S 0 U 0 V	850	170	0	88,788	4,012	65,731

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26 Navajo (720) API# 02-001-20250	31	90	120	0 S 0 U 0 V	495	659	0	91,179	42,262	10,751
27 Navajo (721) API# 02-001-20251	31	150	90	0 S 0 U 0 V	845	508	0	111,490	1,508	54,683
OPERATOR FIELD TOTAL		5,874	16,526	2,293	32,299	90,898	4,550	16,002,740	6,158,166	6,242,702
ABANDONED PRODUCER								2,791,624	1,103,617	429,787
TOTAL DINEH-BI-KEYAH (HERMOSA)								18,794,364	7,261,783	6,672,489
<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	31	0	277	1,245 S 18 U 0 V	26	2,793	9,116	3,840	21,129	94,553
OPERATOR FIELD TOTAL		0	277	1,263	108	2,813	9,132	475,417	654,857	1,116,256
ABANDONED PRODUCER								377,167	2,238,572	1,400,847
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)								852,584	2,893,429	2,517,103
<b>BLACK ROCK (ISMAY/AKAH)</b>										
Navajo Nation Oil&Gas Co.										
03 Black Rock (581) API# 02-001-20162	31	3	0	3,713 S 53 U 0 V	9	48	26,310	4,354	5,905	2,142,172
12 Black Rock (875) API# 02-001-20294	31	35	379	1,657 S 24 U 0 V	207	2,597	12,677	12,827	57,260	1,248,798
20 Black Rock (882) API# 02-001-20297	31	94	675	3,136 S 45 U 0 V	357	4,904	21,436	27,215	169,787	1,243,917
OPERATOR FIELD TOTAL		132	1,054	8,628	573	7,549	60,423	44,396	232,952	4,634,887
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								70,579	523,480	9,509,994

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ABANDONED FIELDS AND UNDESIGNATED								1,497,143	5,734,304	14,789,650
<b>GRAND TOTALS</b>		<b>6,006</b>	<b>17,857</b>	<b>12,184</b>	<b>32,980</b>	<b>101,260</b>	<b>74,105</b>	<b>21,214,670</b>	<b>16,412,996</b>	<b>33,489,236</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

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	MONTHLY PRODUCTION	YEAR TO DATE	ALL TIME CUMULATIVE
DAYS	CO <sub>2</sub> MCF-DISP	CO <sub>2</sub> MCF	CO <sub>2</sub> MCF
<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