

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

APR 2012

	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	29	308	0	0 S 0 U 0 V	1,166	0	0	1,154,502	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	29	477	0	0 S 0 U 0 V	1,682	0	0	1,155,559	61,544	653,170
01 Navajo-88 (421) API# 02-001-20045	0	0	0	0 S 0 U 0 V	191	153	0	10,533	922	7,022
01 Navajo-C (484) API# 02-001-20092	0	0	0	0 S 0 U 0 V	0	0	0	8,302	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	29	449	0	0 S 0 U 0 V	1,709	0	0	1,912,652	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	29	449	330	0 S 0 U 0 V	863	666	0	873,335	338,397	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	29	279	0	0 S 0 U 0 V	902	0	0	104,791	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	1,926,465	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	224	0	0 S 0 U 0 V	357	0	0	300,315	12,448	87,339

LEGEND ON LAST PAGE

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

APR 2012

	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
06 Navajo-88 (722) API# 02-001-20252	0	0	0	0 S 0 U 0 V	0	0	0	50,177	728	261,139
09 Navajo (396) API# 02-001-20020	0	0	0	0 S 0 U 0 V	0	0	0	1,657,020	556,183	259,211
11 Navajo (506) API# 02-001-20106	4	78	0	0 S 0 U 0 V	1,651	0	0	1,025,095	83,045	649,474
14 Navajo (416) API# 02-001-20040	0	0	0	0 S 0 U 0 V	0	0	0	319,492	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	0	0	0	96,754	35,815	16,680
17 Navajo (618) API# 02-001-20190	9	4	0	0 S 0 U 0 V	111	0	0	74,010	8,931	41,682
19 Navajo (691) API# 02-001-20240	0	0	0	0 S 0 U 0 V	0	0	0	352,695	11,443	239,279
20 Navajo (696) API# 02-001-20245	0	0	0	0 S 0 U 0 V	0	0	0	201,967	21,157	84,544
21 Navajo (693) API# 02-001-20242	0	0	0	0 S 0 U 0 V	0	0	0	97,783	41,587	29,906
22 Navajo (692) API# 02-001-20241	29	336	0	0 S 0 U 0 V	1,577	12	0	65,179	4,675	38,065
24 Navajo (695) API# 02-001-20244	29	896	4,760	0 S 0 U 0 V	2,953	17,584	0	289,836	1,051,883	55,778
25 Navajo (719) API# 02-001-20249	0	0	0	0 S 0 U 0 V	115	0	0	86,158	3,842	65,731

LEGEND ON LAST PAGE

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

APR 2012

	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
26 Navajo (720) API# 02-001-20250	0	0	0	0 S 0 U 0 V	0	0	0	87,085	35,760	10,751
27 Navajo (721) API# 02-001-20251	0	0	0	0 S 0 U 0 V	313	0	0	107,253	682	54,683
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DINEH-BI-KEYAH (HERMOSA)		3,500	5,090	0	13,590	18,415	0	15,875,380 2,791,624 18,667,004	5,896,923 1,103,617 7,000,540	6,238,152 429,787 6,667,939
<b>DRY MESA (MISSISSIPPIAN/PARADOX)</b>										
RIM Southwest Corp.										
03 Navajo-138 (115) API# 02-001-05305	30	29	461	4,364 S 531 U 0 V	253	2,941	18,997	471,252	631,405	1,010,995
10 Navajo-138 (907) API# 02-001-20318	30	14	0	0 S 0 U 0 V	54	0	0	3,563	12,296	78,114
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)		43	461	4,895	307	2,941	18,997	474,815 377,167 851,982	643,701 2,238,572 2,882,273	1,089,109 1,400,847 2,489,956
<b>EAST BOUNDARY BUTTE (PARADOX)</b>										
Elm Ridge Resources, Inc.										
01 Navajo (28) API# 02-001-05199	0	0	0	0 S 0 U 0 V	0	0	0	147,883	696,249	2,054,982
02 Navajo (22) API# 02-001-05200	0	0	0	0 S 0 U 0 V	0	0	0	22,179	14,621	1,845,659
03-11 Navajo (490) API# 02-001-20095	0	0	0	0 S 0 U 0 V	0	0	0	11,323	276,138	83,480
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL EAST BOUNDARY BUTTE (PARADOX)		0	0	0	0	0	0	181,385 709,320 890,705	987,008 4,177,141 5,164,149	3,984,121 5,858,349 9,842,470

LEGEND ON LAST PAGE

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

APR 2012

	MONTHLY PRODUCTION			YEAR TO DATE			ALL TIME CUMULATIVE			
	DAYS	OIL BBL	WATER BBL	GAS MCF-DISP	OIL BBL	WATER BBL	GAS MCF	OIL BBL	WATER BBL	GAS MCF
<b>BLACK ROCK (ISMAY/AKAH)</b>										
RIM Southwest Corp.										
03 Black Rock (581) API# 02-001-20162	30	2	20	3,660 S 175 U 0 V	7	41	16,898	4,325	5,713	2,070,496
12 Black Rock (875) API# 02-001-20294	29	49	363	1,630 S 216 U 0 V	182	1,618	7,908	11,948	47,502	1,210,315
20 Black Rock (882) API# 02-001-20297	30	96	879	3,233 S 339 U 0 V	299	2,970	14,411	25,470	152,465	1,181,516
OPERATOR FIELD TOTAL		147	1,262	9,253	488	4,629	39,217	41,743	205,680	4,462,327
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								67,926	496,208	9,337,434
ABANDONED FIELDS AND UNDESIGNATED								606,438	570,155	4,947,180
<b>GRAND TOTALS</b>		<b>3,690</b>	<b>6,813</b>	<b>14,148</b>	<b>14,385</b>	<b>25,985</b>	<b>58,214</b>	<b>21,084,055</b>	<b>16,113,325</b>	<b>33,284,979</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 5/31/2012  
9:45:51 AM

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

APR 2012

	<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>			
Ridgeway Arizona Oil Corp			
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