

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

MAY 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
<b>DINEH-BI-KEYAH (HERMOSA)</b>										
Nacogdoches Oil and Gas										
01 Navajo (377) API# 02-001-20001	26	190	0	0 S 0 U 0 V	1,356	0	0	1,154,692	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	30	340	0	0 S 0 U 0 V	2,022	0	0	1,155,899	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	312	0	0 S 0 U 0 V	2,021	0	0	1,912,964	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	29	309	298	0 S 0 U 0 V	1,172	964	0	873,644	338,695	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	199	0	0 S 0 U 0 V	1,101	0	0	104,990	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	155	0	0 S 0 U 0 V	512	0	0	300,470	12,448	87,339

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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	13	173	0	0 S 0 U 0 V	1,824	0	0	1,025,268	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	0	0	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	231	0	0 S 0 U 0 V	1,808	12	0	65,410	4,675	38,065
24 Navajo (695) API# 02-001-20244	30	639	4,419	0 S 0 U 0 V	3,592	22,003	0	290,475	1,056,302	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

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26 Navajo (720) API# 02-001-20250	15	99	153	0 S 0 U 0 V	99	153	0	87,184	35,913	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		2,647	4,870	0	16,237	23,285	0	15,878,027	5,901,793	6,238,152
ABANDONED PRODUCER								2,791,624	1,103,617	429,787
TOTAL DINEH-BI-KEYAH (HERMOSA)								18,669,651	7,005,410	6,667,939
<b>DRY MESA (MISSISSIPPIAN/PARADOX)</b>										
RIM Southwest Corp.										
03 Navajo-138 (115) API# 02-001-05305	17	0	349	4,375 S 404 U 0 V	253	3,290	23,776	471,252	631,754	1,015,774
10 Navajo-138 (907) API# 02-001-20318	31	0	27	16 S 1 U 0 V	54	27	17	3,563	12,323	78,131
OPERATOR FIELD TOTAL		0	376	4,796	307	3,317	23,793	474,815	644,077	1,093,905
ABANDONED PRODUCER								377,167	2,238,572	1,400,847
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)								851,982	2,882,649	2,494,752
<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		0	0	0	0	0	0	181,385	987,008	3,984,121
ABANDONED PRODUCER								709,320	4,177,141	5,858,349
TOTAL EAST BOUNDARY BUTTE (PARADOX)								890,705	5,164,149	9,842,470

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<b>BLACK ROCK (ISMAY/AKAH)</b>										
RIM Southwest Corp.										
03 Black Rock (581)	31	0	7	3,558 S	7	48	20,635	4,325	5,720	2,074,233
API# 02-001-20162				179 U						
				0 V						
12 Black Rock (875)	25	10	381	1,710 S	192	1,999	9,823	11,958	47,883	1,212,230
API# 02-001-20294				205 U						
				0 V						
20 Black Rock (882)	31	0	575	3,219 S	299	3,545	17,983	25,470	153,040	1,185,088
API# 02-001-20297				353 U						
				0 V						
OPERATOR FIELD TOTAL		10	963	9,224	498	5,592	48,441	41,753	206,643	4,471,551
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								67,936	497,171	9,346,658
ABANDONED FIELDS AND UNDESIGNATED								606,438	570,155	4,947,180
<b>GRAND TOTALS</b>		<b>2,657</b>	<b>6,209</b>	<b>14,020</b>	<b>17,042</b>	<b>32,194</b>	<b>72,234</b>	<b>21,086,712</b>	<b>16,119,534</b>	<b>33,298,999</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

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

MAY 2012

	<b>DAYS</b>	<b>MONTHLY PRODUCTION</b>		<b>YEAR TO DATE</b>		<b>ALL TIME CUMULATIVE</b>
		<b>CO<sub>2</sub></b>		<b>CO<sub>2</sub></b>		<b>CO<sub>2</sub></b>
		<b>MCF-DISP</b>		<b>MCF</b>		<b>MCF</b>
<b>ST JOHNS (SUPAI)</b>						
Ridgeway Arizona Oil Corp						
10-22 State (896)	0	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