

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

MAR 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>DINEH-BI-KEYAH (HERMOSA)</b>										
Nacogdoches Oil and Gas										
01 Navajo (377) API# 02-001-20001	28	285	0	0 S 0 U 0 V	858	0	0	1,154,194	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	28	439	0	0 S 0 U 0 V	1,205	0	0	1,155,082	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	28	415	0	0 S 0 U 0 V	1,260	0	0	1,912,203	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	28	414	336	0 S 0 U 0 V	414	336	0	872,886	338,067	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	28	259	0	0 S 0 U 0 V	623	0	0	104,512	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	18	133	0	0 S 0 U 0 V	133	0	0	300,091	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	28	517	0	0 S 0 U 0 V	1,573	0	0	1,025,017	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	21	19	0	0 S 0 U 0 V	107	0	0	74,006	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	28	311	0	0 S 0 U 0 V	1,241	12	0	64,843	4,675	38,065
24 Navajo (695) API# 02-001-20244	19	562	3,279	0 S 0 U 0 V	2,057	12,824	0	288,940	1,047,123	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

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	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)		3,354	3,615	0	10,090	13,325	0	15,871,880 2,791,624 18,663,504	5,891,833 1,103,617 6,995,450	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	31	153	951	4,369 S 593 U 0 V	224	2,480	14,102	471,223	630,944	1,006,100
10 Navajo-138 (907) API# 02-001-20318	31	11	0	0 S 0 U 0 V	40	0	0	3,549	12,296	78,114
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)		164	951	4,962	264	2,480	14,102	474,772 377,167 851,939	643,240 2,238,572 2,881,812	1,084,214 1,400,847 2,485,061
<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

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	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>BLACK ROCK (ISMAY/AKAH)</b>										
RIM Southwest Corp.										
03 Black Rock (581) API# 02-001-20162	31	0	7	4,058 S 184 U 0 V	5	21	13,063	4,323	5,693	2,066,661
12 Black Rock (875) API# 02-001-20294	28	39	372	1,685 S 377 U 0 V	133	1,255	6,062	11,899	47,139	1,208,469
20 Black Rock (882) API# 02-001-20297	30	47	605	3,283 S 513 U 0 V	203	2,091	10,839	25,374	151,586	1,177,944
OPERATOR FIELD TOTAL		86	984	10,100	341	3,367	29,964	41,596	204,418	4,453,074
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								67,779	494,946	9,328,181
ABANDONED FIELDS AND UNDESIGNATED								606,438	570,155	4,947,180
<b>GRAND TOTALS</b>		<b>3,604</b>	<b>5,550</b>	<b>15,062</b>	<b>10,695</b>	<b>19,172</b>	<b>44,066</b>	<b>21,080,365</b>	<b>16,106,512</b>	<b>33,270,831</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

MAR 2012

	DAYS	MONTHLY PRODUCTION CO <sub>2</sub> MCF-DISP	YEAR TO DATE CO <sub>2</sub> MCF	ALL TIME CUMULATIVE CO <sub>2</sub> MCF
<b>ST JOHNS (SUPAI)</b>				
Ridgeway Arizona Oil Corp				
10-22 State (896)	0	0 S	0	377,894
API# 02-001-20308				
ABANDONED FIELDS AND UNDESIGNATED				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