

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

DEC 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
DINEH-BI-KEYAH (HERMOSA)										
Nacogdoches Oil and Gas										
01 Navajo (377) API# 02-001-20001	31	270	0	0 S 0 U 0 V	3,234	0	0	1,156,570	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	24	323	0	0 S 0 U 0 V	4,680	0	0	1,158,557	61,544	653,170
01 Navajo-88 (421) API# 02-001-20045	8	51	0	0 S 0 U 0 V	462	188	0	10,804	957	7,022
01 Navajo-C (484) API# 02-001-20092	0	0	0	0 S 0 U 0 V	63	0	0	8,365	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	31	392	0	0 S 0 U 0 V	4,841	0	0	1,915,784	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	31	392	452	0 S 0 U 0 V	3,971	3,709	0	876,443	341,440	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	24	189	0	0 S 0 U 0 V	1,974	0	0	105,863	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	31	49	0	0 S 0 U 0 V	169	0	0	1,926,634	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	31	197	0	0 S 0 U 0 V	1,862	0	0	301,820	12,448	87,339

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06 Navajo-88 (722) API# 02-001-20252	31	246	0	0 S 0 U 0 V	848	0	0	51,025	728	261,139
09 Navajo (396) API# 02-001-20020	31	172	271	0 S 0 U 0 V	2,793	1,333	0	1,659,813	557,516	259,211
11 Navajo (506) API# 02-001-20106	29	491	903	0 S 0 U 0 V	5,331	903	0	1,028,775	83,948	649,474
14 Navajo (416) API# 02-001-20040	31	172	0	0 S 0 U 0 V	775	0	0	320,267	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	31	25	0	0 S 0 U 0 V	180	0	0	74,079	8,931	41,682
19 Navajo (691) API# 02-001-20240	31	294	0	0 S 0 U 0 V	372	0	0	353,067	11,443	239,279
20 Navajo (696) API# 02-001-20245	31	172	0	0 S 0 U 0 V	343	0	0	202,310	21,157	84,544
21 Navajo (693) API# 02-001-20242	31	49	0	0 S 0 U 0 V	1,695	0	0	99,478	41,587	29,906
22 Navajo (692) API# 02-001-20241	31	122	0	0 S 0 U 0 V	3,749	12	0	67,351	4,675	38,065
24 Navajo (695) API# 02-001-20244	31	785	6,504	0 S 0 U 0 V	8,783	58,325	0	295,666	1,092,624	55,778
25 Navajo (719) API# 02-001-20249	31	171	0	0 S 0 U 0 V	456	0	0	86,499	3,842	65,731

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	DAYS	OIL BBL	WATER BBLs	GAS MCF-DISP	OIL BBL	WATER BBLs	GAS MCF	OIL BBL	WATER BBLs	GAS MCF
26 Navajo (720) API# 02-001-20250	31	197	90	0 S 0 U 0 V	1,595	1,912	0	88,680	37,672	10,751
27 Navajo (721) API# 02-001-20251	31	220	0	0 S 0 U 0 V	1,796	318	0	108,736	1,000	54,683
OPERATOR FIELD TOTAL		4,979	8,220	0	49,972	66,700	0	15,911,762	5,945,208	6,238,152
ABANDONED PRODUCER								2,791,624	1,103,617	429,787
TOTAL DINEH-BI-KEYAH (HERMOSA)								18,703,386	7,048,825	6,667,939
DRY MESA (MISSISSIPPIAN/PARADOX)										
Navajo Nation Oil&Gas Co.										
03 Navajo-138 (115) API# 02-001-05305	1	114	0	0 S 0 U 0 V	468	3,782	29,562	471,467	632,246	1,021,560
10 Navajo-138 (907) API# 02-001-20318	31	27	0	0 S 0 U 0 V	160	27	41	3,669	12,323	78,155
OPERATOR FIELD TOTAL		141	0	0	628	3,809	29,603	475,136	644,569	1,099,715
ABANDONED PRODUCER								377,167	2,238,572	1,400,847
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)								852,303	2,883,141	2,500,562
EAST BOUNDARY BUTTE (PARADOX)										
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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	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
BLACK ROCK (ISMAY/AKAH)										
Navajo Nation Oil&Gas Co.										
03 Black Rock (581) API# 02-001-20162	0	0	0	0 S 0 U 0 V	7	80	35,416	4,325	5,752	2,089,014
12 Black Rock (875) API# 02-001-20294	17	91	210	0 S 183 U 0 V	440	3,330	17,471	12,206	49,214	1,219,878
20 Black Rock (882) API# 02-001-20297	26	266	772	0 S 316 U 0 V	902	6,982	34,070	26,073	156,477	1,201,175
OPERATOR FIELD TOTAL		357	982	499	1,349	10,392	86,957	42,604	211,443	4,510,067
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								68,787	501,971	9,385,174
ABANDONED FIELDS AND UNDESIGNATED								606,438	570,155	4,947,180
GRAND TOTALS		5,477	9,202	499	51,949	80,901	116,560	21,121,619	16,168,241	33,343,325

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 2/25/2013
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ARIZONA GEOLOGICAL SURVEY
Supplemental CO₂ Production Report

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	MONTHLY PRODUCTION	YEAR TO DATE	ALL TIME CUMULATIVE
DAYS	CO₂ MCF-DISP	CO₂ MCF	CO₂ MCF
ST JOHNS (SUPAI)			
Ridgeway Arizona Oil Corp			
10-22 State (896)	0 S	0	377,894
API# 02-001-20308			
ABANDONED FIELDS AND UNDESIGNATED			0
GRAND TOTALS	0	0	377,894

Gas Disposition Symbols in this Report:

S - Sold

State Permit Numbers are shown in parentheses

* - Amended Report