

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

OCT 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	29	252	0	0 S 0 U 0 V	2,696	0	0	1,156,032	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	31	418	0	0 S 0 U 0 V	3,942	0	0	1,157,819	61,544	653,170
01 Navajo-88 (421) API# 02-001-20045	3	24	35	0 S 0 U 0 V	215	188	0	10,557	957	7,022
01 Navajo-C (484) API# 02-001-20092	0	0	0	0 S 0 U 0 V	61	0	0	8,363	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	31	393	0	0 S 0 U 0 V	4,059	0	0	1,915,002	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	31	393	438	0 S 0 U 0 V	3,189	2,834	0	875,661	340,565	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	5	39	0	0 S 0 U 0 V	1,540	0	0	105,429	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	29	48	0	0 S 0 U 0 V	71	0	0	1,926,536	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	196	0	0 S 0 U 0 V	1,482	0	0	301,440	12,448	87,339

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06 Navajo-88 (722) API# 02-001-20252	31	245	0	0 S 0 U 0 V	358	0	0	50,535	728	261,139
09 Navajo (396) API# 02-001-20020	31	614	263	0 S 0 U 0 V	2,011	808	0	1,659,031	556,991	259,211
11 Navajo (506) API# 02-001-20106	30	475	0	0 S 0 U 0 V	4,352	0	0	1,027,796	83,045	649,474
14 Navajo (416) API# 02-001-20040	31	171	0	0 S 0 U 0 V	432	0	0	319,924	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	3	2	0	0 S 0 U 0 V	131	0	0	74,030	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	31	270	0	0 S 0 U 0 V	1,378	0	0	99,161	41,587	29,906
22 Navajo (692) API# 02-001-20241	31	295	0	0 S 0 U 0 V	3,335	12	0	66,937	4,675	38,065
24 Navajo (695) API# 02-001-20244	31	785	6,314	0 S 0 U 0 V	7,217	45,731	0	294,100	1,080,030	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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	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	29	230	410	0 S 0 U 0 V	1,154	1,399	0	88,239	37,159	10,751
27 Navajo (721) API# 02-001-20251	31	221	0	0 S 0 U 0 V	1,356	318	0	108,296	1,000	54,683
OPERATOR FIELD TOTAL		5,071	7,460	0	39,094	51,290	0	15,900,884	5,929,798	6,238,152
ABANDONED PRODUCER								2,791,624	1,103,617	429,787
TOTAL DINEH-BI-KEYAH (HERMOSA)								18,692,508	7,033,415	6,667,939
DRY MESA (MISSISSIPPIAN/PARADOX)										
Navajo Nation Oil&Gas Co.										
03 Navajo-138 (115) API# 02-001-05305	0	0	0	0 S 0 U 0 V	354	3,782	29,562	471,353	632,246	1,021,560
10 Navajo-138 (907) API# 02-001-20318	6	23	0	1 S 0 U 0 V	108	27	41	3,617	12,323	78,155
OPERATOR FIELD TOTAL		23	0	1	462	3,809	29,603	474,970	644,569	1,099,715
ABANDONED PRODUCER								377,167	2,238,572	1,400,847
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)								852,137	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 BBLs			OIL BBL	WATER BBLs	GAS MCF	OIL BBL	WATER BBLs	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	0	0	0	0 S 0 U 0 V		349	3,120	17,288	12,115	49,004	1,219,695
20 Black Rock (882) API# 02-001-20297	4	0	94	79 S 25 U 0 V		636	6,210	32,790	25,807	155,705	1,199,895
OPERATOR FIELD TOTAL		0	94	104		992	9,410	85,494	42,247	210,461	4,508,604
ABANDONED PRODUCER									26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)									68,430	500,989	9,383,711
ABANDONED FIELDS AND UNDESIGNATED									606,438	570,155	4,947,180
GRAND TOTALS		5,094	7,554	105		40,548	64,509	115,097	21,110,218	16,151,849	33,341,862

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 1/8/2013
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ARIZONA GEOLOGICAL SURVEY
Supplemental CO₂ Production Report

OCT 2012

	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