

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

SEP 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	30	286	0	0 S 0 U 0 V	2,444	0	0	1,155,780	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	24	354	0	0 S 0 U 0 V	3,524	0	0	1,157,401	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	18	18	0	0 S 0 U 0 V	61	0	0	8,363	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	30	415	0	0 S 0 U 0 V	3,666	0	0	1,914,609	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	30	397	421	0 S 0 U 0 V	2,796	2,396	0	875,268	340,127	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	0	0	0	0 S 0 U 0 V	1,501	0	0	105,390	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	13	23	0	0 S 0 U 0 V	23	0	0	1,926,488	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	30	208	0	0 S 0 U 0 V	1,286	0	0	301,244	12,448	87,339

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06 Navajo-88 (722) API# 02-001-20252	13	113	0	0 S 0 U 0 V	113	0	0	50,290	728	261,139
09 Navajo (396) API# 02-001-20020	30	649	253	0 S 0 U 0 V	1,397	545	0	1,658,417	556,728	259,211
11 Navajo (506) API# 02-001-20106	30	520	0	0 S 0 U 0 V	3,877	0	0	1,027,321	83,045	649,474
14 Navajo (416) API# 02-001-20040	30	182	0	0 S 0 U 0 V	261	0	0	319,753	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	129	0	0	74,028	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	30	286	0	0 S 0 U 0 V	1,108	0	0	98,891	41,587	29,906
22 Navajo (692) API# 02-001-20241	29	301	0	0 S 0 U 0 V	3,040	12	0	66,642	4,675	38,065
24 Navajo (695) API# 02-001-20244	24	665	4,854	0 S 0 U 0 V	6,432	39,417	0	293,315	1,073,716	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 BBL	GAS MCF-DISP		OIL BBL	WATER BBL	GAS MCF	OIL BBL	WATER BBL	GAS MCF
26 Navajo (720) API# 02-001-20250	30	260	422	0 S 0 U 0 V	924	989	0	88,009	36,749	10,751	
27 Navajo (721) API# 02-001-20251	31	234	0	0 S 0 U 0 V	1,135	318	0	108,075	1,000	54,683	
OPERATOR FIELD TOTAL		4,911	5,950	0	34,023	43,830	0	15,895,813	5,922,338	6,238,152	
ABANDONED PRODUCER								2,791,624	1,103,617	429,787	
TOTAL DINEH-BI-KEYAH (HERMOSA)								18,687,437	7,025,955	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	4	11	0	20 S 1 U 0 V	85	27	40	3,594	12,323	78,154	
OPERATOR FIELD TOTAL		11	0	21	439	3,809	29,602	474,947	644,569	1,099,714	
ABANDONED PRODUCER								377,167	2,238,572	1,400,847	
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)								852,114	2,883,141	2,500,561	
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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	DAYS	OIL BBL	WATER BBLs	GAS MCF-DISP	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	31	0	10	3,290 S 244 U 0 V	7	80	35,416	4,325	5,752	2,089,014
12 Black Rock (875) API# 02-001-20294	31	0	134	1,468 S 256 U 0 V	349	3,120	17,288	12,115	49,004	1,219,695
20 Black Rock (882) API# 02-001-20297	31	0	762	3,506 S 451 U 0 V	636	6,116	32,686	25,807	155,611	1,199,791
OPERATOR FIELD TOTAL		0	906	9,215	992	9,316	85,390	42,247	210,367	4,508,500
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								68,430	500,895	9,383,607
ABANDONED FIELDS AND UNDESIGNATED								606,438	570,155	4,947,180
GRAND TOTALS		4,922	6,856	9,236	35,454	56,955	114,992	21,105,124	16,144,295	33,341,757

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

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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) API# 02-001-20308	0 S	0	377,894
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