

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

JUL 2013

	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	177	0	0 S 0 U 0 V	1,653	0	0	1,158,223	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	30	249	0	0 S 0 U 0 V	2,530	268	0	1,161,087	61,812	653,170
01 Navajo-88 (421) API# 02-001-20045	21	160	31	0 S 0 U 0 V	701	31	0	11,505	988	7,022
01 Navajo-C (484) API# 02-001-20092	30	7	0	0 S 0 U 0 V	58	0	0	8,423	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	30	69	0	0 S 0 U 0 V	2,216	0	0	1,918,000	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	30	523	313	0 S 0 U 0 V	2,475	2,724	0	878,918	344,164	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	144	0	0 S 0 U 0 V	1,488	0	0	107,351	5,152	101,371
03 Navajo-88 (443) API# 02-001-20066	30	130	467	0 S 0 U 0 V	752	544	0	178,128	59,173	182,629
03X Navajo (386) API# 02-001-20011	30	32	0	0 S 0 U 0 V	137	0	0	1,926,771	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	134	0	0 S 0 U 0 V	1,291	0	0	303,111	12,448	87,339

LEGEND ON LAST PAGE

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06 Navajo-88 (722) API# 02-001-20252	30	326	0	0 S 0 U 0 V	1,533	0	0	52,558	728	261,139
09 Navajo (396) API# 02-001-20020	28	450	1,127	0 S 0 U 0 V	1,243	2,494	0	1,661,056	560,010	259,211
11 Navajo (506) API# 02-001-20106	27	926	1,296	0 S 0 U 0 V	3,564	4,406	0	1,032,339	88,354	649,474
14 Navajo (416) API# 02-001-20040	30	113	0	0 S 0 U 0 V	458	0	0	320,725	21,091	148,816
15 Navajo (417) API# 02-001-20041	30	64	313	0 S 0 U 0 V	642	1,026	0	115,829	18,787	37,903
16 Navajo (419) API# 02-001-20043	28	315	1,606	0 S 0 U 0 V	2,151	5,472	0	98,905	41,287	16,680
17 Navajo (618) API# 02-001-20190	30	16	0	0 S 0 U 0 V	123	0	0	74,202	8,931	41,682
19 Navajo (691) API# 02-001-20240	30	193	0	0 S 0 U 0 V	1,737	0	0	354,804	11,443	239,279
20 Navajo (696) API# 02-001-20245	30	113	0	0 S 0 U 0 V	994	0	0	203,304	21,157	84,544
21 Navajo (693) API# 02-001-20242	30	176	0	0 S 0 U 0 V	1,215	0	0	100,693	41,587	29,906
22 Navajo (692) API# 02-001-20241	30	193	0	0 S 0 U 0 V	1,439	0	0	68,790	4,675	38,065
24 Navajo (695) API# 02-001-20244	30	514	6,634	0 S 0 U 0 V	4,563	47,270	0	300,229	1,139,894	55,778
25 Navajo (719) API# 02-001-20249	30	113	0	0 S 0 U 0 V	988	0	0	87,487	3,842	65,731

LEGEND ON LAST PAGE

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26 Navajo (720) API# 02-001-20250	30	161	313	0 S 0 U 0 V	1,689	2,965	0	90,369	40,637	10,751
27 Navajo (721) API# 02-001-20251	30	144	0	0 S 0 U 0 V	1,232	0	0	109,968	1,000	54,683
OPERATOR FIELD TOTAL		5,442	12,100	0	36,872	67,200	0	15,948,634	6,012,408	6,238,152
ABANDONED PRODUCER								2,791,624	1,103,617	429,787
TOTAL DINEH-BI-KEYAH (HERMOSA)								18,740,258	7,116,025	6,667,939
DRY MESA (MISSISSIPPIAN/PARADOX)										
Navajo Nation Oil&Gas Co.										
03 Navajo-138 (115) API# 02-001-05305	6	0	58	0 S 33 U 0 V	28	92	55	471,495	632,338	1,021,615
10 Navajo-138 (907) API# 02-001-20318	31	5	608	0 S 1,204 U 0 V	146	3,489	1,834	3,814	15,812	79,989
OPERATOR FIELD TOTAL		5	666	1,237	174	3,581	1,889	475,309	648,150	1,101,604
ABANDONED PRODUCER								377,167	2,238,572	1,400,847
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)								852,476	2,886,722	2,502,451
BLACK ROCK (ISMAY/AKAH)										
Navajo Nation Oil&Gas Co.										
03 Black Rock (581) API# 02-001-20162	23	0	15	4,484 S 0 U 0 V	0	15	7,195	4,325	5,767	2,096,209
12 Black Rock (875) API# 02-001-20294	31	0	469	2,244 S 48 U 0 V	308	3,702	5,309	12,514	52,916	1,225,102
20 Black Rock (882) API# 02-001-20297	30	66	555	3,350 S 0 U 0 V	415	5,083	6,664	26,488	161,562	1,207,808
OPERATOR FIELD TOTAL		66	1,039	10,126	723	8,800	19,168	43,327	220,245	4,529,119
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								69,510	510,773	9,404,226

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ABANDONED FIELDS AND UNDESIGNATED								1,497,143	5,734,304	14,789,650
GRAND TOTALS		5,513	13,805	11,363	37,769	79,581	21,057	21,159,387	16,247,824	33,364,266

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 5/22/2014
5:48:47 AM

ARIZONA GEOLOGICAL SURVEY
Supplemental CO₂ Production Report

JUL 2013

	MONTHLY PRODUCTION	YEAR TO DATE	ALL TIME CUMULATIVE
DAYS	CO₂ MCF-DISP	CO₂ MCF	CO₂ MCF
ST JOHNS (SUPAI)			
Kinder Morgan CO2 Company			
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