

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

AUG 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	194	0	0 S 0 U 0 V	1,847	0	0	1,158,417	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	30	300	0	0 S 0 U 0 V	2,830	268	0	1,161,387	61,812	653,170
01 Navajo-88 (421) API# 02-001-20045	30	124	0	0 S 0 U 0 V	825	31	0	11,629	988	7,022
01 Navajo-C (484) API# 02-001-20092	30	18	0	0 S 0 U 0 V	76	0	0	8,441	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	30	141	0	0 S 0 U 0 V	2,357	0	0	1,918,141	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	23	217	248	0 S 0 U 0 V	2,692	2,972	0	879,135	344,412	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	176	0	0 S 0 U 0 V	1,664	0	0	107,527	5,152	101,371
03 Navajo-88 (443) API# 02-001-20066	30	71	485	0 S 0 U 0 V	823	1,029	0	178,199	59,658	182,629
03X Navajo (386) API# 02-001-20011	4	5	0	0 S 0 U 0 V	142	0	0	1,926,776	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	141	0	0 S 0 U 0 V	1,432	0	0	303,252	12,448	87,339

LEGEND ON LAST PAGE

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06 Navajo-88 (722) API# 02-001-20252	30	176	0	0 S 0 U 0 V	1,709	0	0	52,734	728	261,139
09 Navajo (396) API# 02-001-20020	11	194	427	0 S 0 U 0 V	1,437	2,921	0	1,661,250	560,437	259,211
11 Navajo (506) API# 02-001-20106	22	829	1,092	0 S 0 U 0 V	4,393	5,498	0	1,033,168	89,446	649,474
14 Navajo (416) API# 02-001-20040	30	124	0	0 S 0 U 0 V	582	0	0	320,849	21,091	148,816
15 Navajo (417) API# 02-001-20041	30	71	324	0 S 0 U 0 V	713	1,350	0	115,900	19,111	37,903
16 Navajo (419) API# 02-001-20043	30	371	1,780	0 S 0 U 0 V	2,522	7,252	0	99,276	43,067	16,680
17 Navajo (618) API# 02-001-20190	30	18	0	0 S 0 U 0 V	141	0	0	74,220	8,931	41,682
19 Navajo (691) API# 02-001-20240	30	212	0	0 S 0 U 0 V	1,949	0	0	355,016	11,443	239,279
20 Navajo (696) API# 02-001-20245	30	95	23	0 S 0 U 0 V	1,089	23	0	203,399	21,180	84,544
21 Navajo (693) API# 02-001-20242	30	194	0	0 S 0 U 0 V	1,409	0	0	100,887	41,587	29,906
22 Navajo (692) API# 02-001-20241	30	212	0	0 S 0 U 0 V	1,651	0	0	69,002	4,675	38,065
24 Navajo (695) API# 02-001-20244	30	565	6,860	0 S 0 U 0 V	5,128	54,130	0	300,794	1,146,754	55,778
25 Navajo (719) API# 02-001-20249	30	106	0	0 S 0 U 0 V	1,094	0	0	87,593	3,842	65,731

LEGEND ON LAST PAGE

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26 Navajo (720) API# 02-001-20250	30	77	291	0 S 0 U 0 V	1,766	3,256	0	90,446	40,928	10,751
27 Navajo (721) API# 02-001-20251	30	159	0	0 S 0 U 0 V	1,391	0	0	110,127	1,000	54,683
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DINEH-BI-KEYAH (HERMOSA)		4,790	11,530	0	41,662	78,730	0	15,953,424 2,791,624 18,745,048	6,023,938 1,103,617 7,127,555	6,238,152 429,787 6,667,939
DRY MESA (MISSISSIPPIAN/PARADOX)										
Navajo Nation Oil&Gas Co.										
03 Navajo-138 (115) API# 02-001-05305	8	0	683	0 S 34 U 0 V	28	775	89	471,495	633,021	1,021,649
10 Navajo-138 (907) API# 02-001-20318	31	0	659	0 S 1,130 U 0 V	146	4,148	2,964	3,814	16,471	81,119
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)		0	1,342	1,164	174	4,923	3,053	475,309 377,167 852,476	649,492 2,238,572 2,888,064	1,102,768 1,400,847 2,503,615
BLACK ROCK (ISMAY/AKAH)										
Navajo Nation Oil&Gas Co.										
03 Black Rock (581) API# 02-001-20162	22	0	18	4,389 S 0 U 0 V	0	33	11,584	4,325	5,785	2,100,598
12 Black Rock (875) API# 02-001-20294	30	0	365	2,388 S 19 U 0 V	308	4,067	7,716	12,514	53,281	1,227,509
20 Black Rock (882) API# 02-001-20297	30	36	705	3,465 S 0 U 0 V	451	5,788	10,129	26,524	162,267	1,211,273
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL BLACK ROCK (ISMAY/AKAH)		36	1,088	10,261	759	9,888	29,429	43,363 26,183 69,546	221,333 290,528 511,861	4,539,380 4,875,107 9,414,487

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	DAYS	OIL BBL	WATER BBLs	GAS MCF-DISP	OIL BBL	WATER BBLs	GAS MCF	OIL BBL	WATER BBLs	GAS MCF
ABANDONED FIELDS AND UNDESIGNATED								1,497,143	5,734,304	14,789,650
GRAND TOTALS		4,826	13,960	11,425	42,595	93,541	32,482	21,164,213	16,261,784	33,375,691

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
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ARIZONA GEOLOGICAL SURVEY
Supplemental CO₂ Production Report

AUG 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