

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

DEC 2013

	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
DINEH-BI-KEYAH (HERMOSA)										
Nacogdoches Oil and Gas										
01 Navajo (377) API# 02-001-20001	29	215	0	0 S 0 U 0 V	2,569	0	0	1,159,139	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	31	355	0	0 S 0 U 0 V	4,063	268	0	1,162,620	61,812	653,170
01 Navajo-88 (421) API# 02-001-20045	31	147	24	0 S 0 U 0 V	1,317	136	0	12,121	1,093	7,022
01 Navajo-C (484) API# 02-001-20092	29	20	0	0 S 0 U 0 V	147	0	0	8,512	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	29	156	0	0 S 0 U 0 V	2,922	0	0	1,918,706	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	31	334	239	0 S 0 U 0 V	3,788	3,998	0	880,231	345,438	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	31	209	0	0 S 0 U 0 V	2,389	0	0	108,252	5,152	101,371
03 Navajo-88 (443) API# 02-001-20066	31	84	358	0 S 0 U 0 V	1,097	2,569	0	178,473	61,198	182,629
03X Navajo (386) API# 02-001-20011	16	22	0	0 S 0 U 0 V	183	0	0	1,926,817	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	22	118	0	0 S 0 U 0 V	1,959	0	0	303,779	12,448	87,339

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06 Navajo-88 (722) API# 02-001-20252	31	209	0	0 S 0 U 0 V	2,399	0	0	53,424	728	261,139
09 Navajo (396) API# 02-001-20020	31	251	1,146	0 S 0 U 0 V	3,204	7,097	0	1,663,017	564,613	259,211
11 Navajo (506) API# 02-001-20106	25	84	750	0 S 0 U 0 V	5,120	7,633	0	1,033,895	91,581	649,474
14 Navajo (416) API# 02-001-20040	31	146	0	0 S 0 U 0 V	1,083	0	0	321,350	21,091	148,816
15 Navajo (417) API# 02-001-20041	30	61	139	0 S 0 U 0 V	912	2,045	0	116,099	19,806	37,903
16 Navajo (419) API# 02-001-20043	30	384	462	0 S 0 U 0 V	3,992	12,445	0	100,746	48,260	16,680
17 Navajo (618) API# 02-001-20190	31	21	0	0 S 0 U 0 V	212	0	0	74,291	8,931	41,682
19 Navajo (691) API# 02-001-20240	31	250	0	0 S 0 U 0 V	2,798	0	0	355,865	11,443	239,279
20 Navajo (696) API# 02-001-20245	31	63	0	0 S 0 U 0 V	1,556	106	0	203,866	21,263	84,544
21 Navajo (693) API# 02-001-20242	31	21	0	0 S 0 U 0 V	1,998	0	0	101,476	41,587	29,906
22 Navajo (692) API# 02-001-20241	31	63	0	0 S 0 U 0 V	2,280	0	0	69,631	4,675	38,065
24 Navajo (695) API# 02-001-20244	31	610	8,569	0 S 0 U 0 V	7,339	81,832	0	303,005	1,174,456	55,778
25 Navajo (719) API# 02-001-20249	31	42	0	0 S 0 U 0 V	1,439	0	0	87,938	3,842	65,731

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26 Navajo (720) API# 02-001-20250	12	40	83	0 S 0 U 0 V	2,004	3,931	0	90,684	41,603	10,751
27 Navajo (721) API# 02-001-20251	23	63	0	0 S 0 U 0 V	1,909	0	0	110,645	1,000	54,683
OPERATOR FIELD TOTAL		3,968	11,770	0	58,679	122,060	0	15,970,441	6,067,268	6,238,152
ABANDONED PRODUCER								2,791,624	1,103,617	429,787
TOTAL DINEH-BI-KEYAH (HERMOSA)								18,762,065	7,170,885	6,667,939
DRY MESA (MISSISSIPPIAN/PARADOX)										
Navajo Nation Oil&Gas Co.										
03 Navajo-138 (115) API# 02-001-05305	1	0	25	0 S 7 U 0 V	28	1,462	127	471,495	633,708	1,021,687
10 Navajo-138 (907) API# 02-001-20318	31	0	510	0 S 1,185 U 0 V	146	6,013	7,282	3,814	18,336	85,437
OPERATOR FIELD TOTAL		0	535	1,192	174	7,475	7,409	475,309	652,044	1,107,124
ABANDONED PRODUCER								377,167	2,238,572	1,400,847
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)								852,476	2,890,616	2,507,971
BLACK ROCK (ISMAY/AKAH)										
Navajo Nation Oil&Gas Co.										
03 Black Rock (581) API# 02-001-20162	23	18	9	4,234 S 176 U 0 V	20	105	26,848	4,345	5,857	2,115,862
12 Black Rock (875) API# 02-001-20294	27	43	403	1,856 S 77 U 0 V	414	5,449	16,328	12,620	54,663	1,236,121
20 Black Rock (882) API# 02-001-20297	27	163	666	2,630 S 108 U 0 V	785	8,404	21,337	26,858	164,883	1,222,481
OPERATOR FIELD TOTAL		224	1,078	9,081	1,219	13,958	64,513	43,823	225,403	4,574,464
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								70,006	515,931	9,449,571

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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		4,192	13,383	10,273	60,072	143,493	71,922	21,181,690	16,311,736	33,415,131

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)

State Permit Numbers are shown in parentheses

* - Amended Report

All production done in Apache County.

Run Date 5/22/2014
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ARIZONA GEOLOGICAL SURVEY
Supplemental CO₂ Production Report

DEC 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	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