

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

NOV 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	20	124	0	0 S 0 U 0 V	2,354	0	0	1,158,924	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	30	286	0	0 S 0 U 0 V	3,708	268	0	1,162,265	61,812	653,170
01 Navajo-88 (421) API# 02-001-20045	30	118	23	0 S 0 U 0 V	1,170	112	0	11,974	1,069	7,022
01 Navajo-C (484) API# 02-001-20092	30	17	0	0 S 0 U 0 V	127	0	0	8,492	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	20	130	0	0 S 0 U 0 V	2,766	0	0	1,918,550	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	30	270	233	0 S 0 U 0 V	3,454	3,759	0	879,897	345,199	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	29	167	0	0 S 0 U 0 V	2,180	0	0	108,043	5,152	101,371
03 Navajo-88 (443) API# 02-001-20066	30	67	350	0 S 0 U 0 V	1,013	2,211	0	178,389	60,840	182,629
03X Navajo (386) API# 02-001-20011	30	1	0	0 S 0 U 0 V	161	0	0	1,926,795	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	135	0	0 S 0 U 0 V	1,841	0	0	303,661	12,448	87,339

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06 Navajo-88 (722) API# 02-001-20252	30	168	0	0 S 0 U 0 V	2,190	0	0	53,215	728	261,139
09 Navajo (396) API# 02-001-20020	29	489	809	0 S 0 U 0 V	2,953	5,951	0	1,662,766	563,467	259,211
11 Navajo (506) API# 02-001-20106	16	152	372	0 S 0 U 0 V	5,036	6,883	0	1,033,811	90,831	649,474
14 Navajo (416) API# 02-001-20040	29	115	0	0 S 0 U 0 V	937	0	0	321,204	21,091	148,816
15 Navajo (417) API# 02-001-20041	30	67	233	0 S 0 U 0 V	851	1,906	0	116,038	19,667	37,903
16 Navajo (419) API# 02-001-20043	30	355	1,280	0 S 0 U 0 V	3,608	11,983	0	100,362	47,798	16,680
17 Navajo (618) API# 02-001-20190	28	16	0	0 S 0 U 0 V	191	0	0	74,270	8,931	41,682
19 Navajo (691) API# 02-001-20240	28	189	0	0 S 0 U 0 V	2,548	0	0	355,615	11,443	239,279
20 Navajo (696) API# 02-001-20245	29	130	22	0 S 0 U 0 V	1,493	106	0	203,803	21,263	84,544
21 Navajo (693) API# 02-001-20242	30	185	0	0 S 0 U 0 V	1,977	0	0	101,455	41,587	29,906
22 Navajo (692) API# 02-001-20241	30	203	0	0 S 0 U 0 V	2,217	0	0	69,568	4,675	38,065
24 Navajo (695) API# 02-001-20244	30	506	6,050	0 S 0 U 0 V	6,729	73,263	0	302,395	1,165,887	55,778
25 Navajo (719) API# 02-001-20249	29	98	0	0 S 0 U 0 V	1,397	0	0	87,896	3,842	65,731

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26 Navajo (720) API# 02-001-20250	24	67	168	0 S 0 U 0 V	1,964	3,848	0	90,644	41,520	10,751
27 Navajo (721) API# 02-001-20251	29	147	0	0 S 0 U 0 V	1,846	0	0	110,582	1,000	54,683
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DINEH-BI-KEYAH (HERMOSA)		4,202	9,540	0	54,711	110,290	0	15,966,473 2,791,624 18,758,097	6,055,498 1,103,617 7,159,115	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	1	0	0	0 S 8 U 0 V	28	1,437	120	471,495	633,683	1,021,680
10 Navajo-138 (907) API# 02-001-20318	26	0	584	0 S 832 U 0 V	146	5,503	6,097	3,814	17,826	84,252
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)		0	584	840	174	6,940	6,217	475,309 377,167 852,476	651,509 2,238,572 2,890,081	1,105,932 1,400,847 2,506,779
BLACK ROCK (ISMAY/AKAH)										
Navajo Nation Oil&Gas Co.										
03 Black Rock (581) API# 02-001-20162	19	2	25	1,833 S 1,074 U 0 V	2	96	22,438	4,327	5,848	2,111,452
12 Black Rock (875) API# 02-001-20294	19	25	244	936 S 548 U 0 V	371	5,046	14,395	12,577	54,260	1,234,188
20 Black Rock (882) API# 02-001-20297	14	20	477	1,445 S 847 U 0 V	622	7,738	18,599	26,695	164,217	1,219,743
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL BLACK ROCK (ISMAY/AKAH)		47	746	6,683	995	12,880	55,432	43,599 26,183 69,782	224,325 290,528 514,853	4,565,383 4,875,107 9,440,490

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ABANDONED FIELDS AND UNDESIGNATED								1,497,143	5,734,304	14,789,650
GRAND TOTALS	4,249	10,870	7,523	55,880	130,110	61,649	21,177,498	16,298,353	33,404,858	

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

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	MONTHLY PRODUCTION	YEAR TO DATE	ALL TIME CUMULATIVE
DAYS	CO ₂ MCF-DISP	CO ₂ MCF	CO ₂ 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