

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

OCT 2011

	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	1	13	0	0 S 0 U 0 V	1,447	0	0	1,152,611	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	0	0	0	0 S 0 U 0 V	1,140	0	0	1,153,877	61,544	653,170
01 Navajo-C (484) API# 02-001-20092	0	0	0	0 S 0 U 0 V	0	0	0	8,302	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	30	600	0	0 S 0 U 0 V	3,570	0	0	1,909,864	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	30	603	309	0 S 0 U 0 V	2,588	2,177	0	872,472	337,731	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	551	0	0	103,889	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	0	0	0	0 S 0 U 0 V	95	0	0	1,926,465	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	0	0	0	0 S 0 U 0 V	833	0	0	299,958	12,448	87,339
06 Navajo-88 (722) API# 02-001-20252	0	0	0	0 S 0 U 0 V	357	0	0	50,177	728	261,139

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07 Navajo (389) API# 02-001-20013	0	0	0	0 S 0 U 0 V	0	0	0	658,386	403,746	108,151
09 Navajo (396) API# 02-001-20020	0	0	0	0 S 0 U 0 V	0	0	0	1,657,020	556,183	259,211
11 Navajo (506) API# 02-001-20106	30	750	0	0 S 0 U 0 V	2,476	0	0	1,022,102	83,045	649,474
14 Navajo (416) API# 02-001-20040	0	0	0	0 S 0 U 0 V	969	0	0	319,492	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	30	225	0	0 S 0 U 0 V	881	0	0	73,621	8,931	41,682
19 Navajo (691) API# 02-001-20240	0	0	0	0 S 0 U 0 V	624	0	0	352,695	11,443	239,279
20 Navajo (696) API# 02-001-20245	17	149	0	0 S 0 U 0 V	837	0	0	201,788	21,157	84,544
21 Navajo (693) API# 02-001-20242	0	0	0	0 S 0 U 0 V	0	0	0	97,783	41,587	29,906
22 Navajo (692) API# 02-001-20241	0	0	0	0 S 0 U 0 V	507	0	0	63,432	4,663	38,065
24 Navajo (695) API# 02-001-20244	30	1,199	4,451	0 S 0 U 0 V	6,952	38,673	0	284,933	1,025,914	55,778
25 Navajo (719) API# 02-001-20249	17	192	0	0 S 0 U 0 V	1,037	0	0	85,778	3,842	65,731

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26 Navajo (720) API# 02-001-20250	0	0	0	0 S 0 U 0 V	564	770	0	87,085	35,760	10,751
27 Navajo (721) API# 02-001-20251	30	337	0	0 S 0 U 0 V	2,028	0	0	106,336	682	54,683
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DINEH-BI-KEYAH (HERMOSA)		4,068	4,760	0	27,456	41,620	0	16,503,242 2,143,580 18,646,822	6,273,100 700,640 6,973,740	6,339,281 328,658 6,667,939
DRY MESA (MISSISSIPPIAN/PARADOX)										
RIM Southwest Corp.										
03 Navajo-138 (115) API# 02-001-05305	31	88	1,016	4,688 S 539 U 0 V	982	9,563	52,780	470,892	626,983	982,424
10 Navajo-138 (907) API# 02-001-20318	31	10	0	59 S 3 U 0 V	93	6	539	3,484	12,296	78,111
OPERATOR FIELD TOTAL ABANDONED PRODUCER TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)		98	1,016	5,289	1,075	9,569	53,319	474,376 377,167 851,543	639,279 2,238,572 2,877,851	1,060,535 1,400,847 2,461,382
EAST BOUNDARY BUTTE (PARADOX)										
Elm Ridge Resources, Inc.										
01 Navajo (28) API# 02-001-05199	0	0	0	0 S 0 U 0 V	264	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 ABANDONED PRODUCER TOTAL EAST BOUNDARY BUTTE (PARADOX)		0	0	0	264	0	0	181,385 709,320 890,705	987,008 4,177,141 5,164,149	3,984,121 5,858,349 9,842,470

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BLACK ROCK (ISMAY/AKAH)										
RIM Southwest Corp.										
03 Black Rock (581) API# 02-001-20162	31	5	47	3,937 S 173 U 0 V	5	108	31,961	4,316	5,637	2,045,425
12 Black Rock (875) API# 02-001-20294	31	80	863	1,946 S 233 U 0 V	515	3,314	17,133	11,647	44,854	1,198,124
20 Black Rock (882) API# 02-001-20297	31	135	867	3,421 S 341 U 0 V	679	7,202	36,485	25,085	148,179	1,159,726
OPERATOR FIELD TOTAL		220	1,777	10,051	1,199	10,624	85,579	41,048	198,670	4,403,275
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								67,231	489,198	9,278,382
ABANDONED FIELDS AND UNDESIGNATED								606,438	570,155	4,947,180
GRAND TOTALS		4,386	7,553	15,340	29,994	61,813	138,898	21,062,739	16,075,093	33,197,353

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

ARIZONA GEOLOGICAL SURVEY
Supplemental CO₂ Production Report

OCT 2011

	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)	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