

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

DEC 2011

	MONTHLY PRODUCTION				YEAR TO DATE				ALL TIME CUMULATIVE				
	DAYS	OIL	WATER	GAS	OIL	WATER	GAS	OIL	WATER	GAS	OIL	WATER	GAS
		BBL	BBL	MCF-DISP		BBL	BBL		MCF	BBL		BBL	MCF
DINEH-BI-KEYAH (HERMOSA)													
Nacogdoches Oil and Gas													
01 Navajo (377) API# 02-001-20001	30	342	0	0	2,172	0	0	1,153,336	34,315	0	1,153,336	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	0	0	0	0	1,140	0	0	1,153,877	61,544	0	1,153,877	61,544	653,170
01 Navajo-C (484) API# 02-001-20092	0	0	0	0	0	0	0	8,302	2,092	0	8,302	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	30	496	0	0	4,649	0	0	1,910,943	51,223	0	1,910,943	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	0	0	0	0	2,588	2,177	0	872,472	337,731	0	872,472	337,731	143,751
02 Navajo-B (385) API# 02-001-20010	0	0	0	0	0	0	0	0	0	0	0	0	1,953,519
03 Navajo-138 (723) API# 02-001-20253	0	0	0	0	551	0	0	103,889	5,152	0	103,889	5,152	101,371
03 Navajo-88 (443) API# 02-001-20066	0	0	0	0	0	0	0	177,376	58,629	0	177,376	58,629	182,629
03X Navajo (386) API# 02-001-20011	0	0	0	0	95	0	0	1,926,465	279,975	0	1,926,465	279,975	639,551
04 Navajo (384) API# 02-001-20009	0	0	0	0	0	0	0	3,625,859	3,157,643	0	3,625,859	3,157,643	110,983
06 Navajo (390) API# 02-001-20014	0	0	0	0	833	0	0	299,958	12,448	0	299,958	12,448	87,339
06 Navajo-88 (722) API# 02-001-20252	0	0	0	0	357	0	0	50,177	728	0	50,177	728	261,139

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	DAYS	OIL BBL	WATER BBL	GAS MCF-DISP	OIL BBL	WATER BBL	GAS MCF	OIL BBL	WATER BBL	GAS MCF
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	621	0	0 S 0 U 0 V	3,818	0	0	1,023,444	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	10	62	0	0 S 0 U 0 V	1,159	0	0	73,899	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	4	29	0	0 S 0 U 0 V	1,016	0	0	201,967	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	2	170	0	0 S 0 U 0 V	677	0	0	63,602	4,663	38,065
24 Navajo (695) API# 02-001-20244	29	796	3,465	0 S 0 U 0 V	8,902	47,058	0	286,883	1,034,299	55,778
25 Navajo (719) API# 02-001-20249	10	94	0	0 S 0 U 0 V	1,302	0	0	86,043	3,842	65,731

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26 Navajo (720) API# 02-001-20250	0	0	0	0	564	770	0		87,085	35,760	10,751	
27 Navajo (721) API# 02-001-20251	30	279	0	0	2,632	0	0	106,940	682	54,683		
OPERATOR FIELD TOTAL	2,889	3,465	0	0	34,048	50,005	0	16,509,834	6,281,485	6,339,281		
ABANDONED PRODUCER								2,143,580	700,640	328,658		
TOTAL DINEH-BI-KEYAH (HERMOSA)								18,653,414	6,982,125	6,667,939		
DRY MESA (MISSISSIPPIAN/PARADOX)												
RIM Southwest Corp.												
03 Navajo-138 (115) API# 02-001-05305	30	40	1,210	4,426	1,089	11,044	S	470,999	628,464	991,998		
				582			U					
				0			V					
10 Navajo-138 (907) API# 02-001-20318	31	12	0	0	118	6	S	3,509	12,296	78,114		
				0			U					
				0			V					
OPERATOR FIELD TOTAL	52	1,210	5,008		1,207	11,050		474,508	640,760	1,070,112		
ABANDONED PRODUCER								377,167	2,238,572	1,400,847		
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)								851,675	2,879,332	2,470,959		
EAST BOUNDARY BUTTE (PARADOX)												
Elm Ridge Resources, Inc.												
01 Navajo (28) API# 02-001-05199	0	0	0	0	264	0	S	147,883	696,249	2,054,982		
				0			U					
				0			V					
02 Navajo (22) API# 02-001-05200	0	0	0	0	0	0	S	22,179	14,621	1,845,659		
				0			U					
				0			V					
03-11 Navajo (490) API# 02-001-20095	0	0	0	0	0	0	S	11,323	276,138	83,480		
				0			U					
				0			V					
OPERATOR FIELD TOTAL	0	0	0	0	264	0		181,385	987,008	3,984,121		
ABANDONED PRODUCER								709,320	4,177,141	5,858,349		
TOTAL EAST BOUNDARY BUTTE (PARADOX)								890,705	5,164,149	9,842,470		

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	DAYS	OIL BBL	WATER BBL	GAS MCF-DISP	OIL BBL	WATER BBL	GAS MCF	OIL BBL	WATER BBL	GAS MCF
BLACK ROCK (ISMAY/AKAH)										
RIM Southwest Corp.										
03 Black Rock (581) API# 02-001-20162	31	2	2	3,911 175 U	7	143	40,134	4,318	5,672	2,053,598
12 Black Rock (875) API# 02-001-20294	29	47	423	1,752 391 U	634	4,344	21,416	11,766	45,884	1,202,407
20 Black Rock (882) API# 02-001-20297	31	65	681	3,345 527 U	765	8,518	43,864	25,171	149,495	1,167,105
OPERATOR FIELD TOTAL		114	1,106	10,101	1,406	13,005	105,414	41,255	201,051	4,423,110
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								67,438	491,579	9,298,217
ABANDONED FIELDS AND UNDESIGNATED								606,438	570,155	4,947,180
GRAND TOTALS		3,055	5,781	15,109	36,925	74,060	168,310	21,069,670	16,087,340	33,226,765

Helium: Between 1961 and 1976 cumulative production of Helium was 9,237,801 MCF

Gas Disposition Symbols in this Report:

- V - Flared/Vented
 - U - Used on Lease
 - S - Sold
 - 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

DEC 2011

MONTHLY PRODUCTION **YEAR TO DATE** **ALL TIME CUMULATIVE**

CO₂
MCF-DISP

CO₂
MCF

CO₂
MCF

DAYS

ST JOHNS (SUPAI)

Ridgeway Arizona Oil Corp

10-22 State (896)

API# 02-001-20308

0

0 S

0

377,894

ABANDONED FIELDS AND UNDESIGNATED

GRAND TOTALS

0

0

0

377,894

Gas Disposition Symbols in this Report:

S - Sold

State Permit Numbers are shown in parentheses

* - Amended Report