

**ARIZONA GEOLOGICAL SURVEY**  
Oil, Gas, Helium Production Report

DEC 2008

	MONTHLY PRODUCTION				YEAR TO DATE				ALL TIME CUMULATIVE			
	DAYS	OIL BBL	WATER BBL	GAS MCF-DISP	OIL BBL	WATER BBL	GAS MCF		OIL BBL	WATER BBL	GAS MCF	
<b>DINEH-BI-KEYAH (HERMOSA)</b> Nacogdoches Oil and Gas												
01 Navajo (377) API# 02-001-20001	26	196	0	0 S 0 U	2,680	0	0	0	1,148,308	34,315	137,857	
01 Navajo-138 (388) API# 02-001-20012	26	319	0	0 S 0 U	2,794	0	0	0	1,149,459	61,544	653,170	
01 Navajo-C (484) API# 02-001-20092	0	0	0	0 V 0 S 0 U	27	0	0	0	8,302	2,092	2,501	
01X Navajo-B (445) API# 02-001-20068	16	186	0	0 V 0 S 0 U	4,084	0	0	0	1,901,096	51,028	224,817	
02 Navajo-88 (431) API# 02-001-20055	0	0	0	0 V 0 S 0 U	1,909	2,010	0	0	865,009	330,539	143,751	
02 Navajo-B (385) API# 02-001-20010	19	0	0	0 V 0 S 0 U	0	0	314,970	0	0	0	1,412,167	
03 Navajo-138 (723) API# 02-001-20253	26	179	0	0 V 0 S 0 U	1,501	0	0	0	101,042	5,152	101,371	
03 Navajo-88 (443) API# 02-001-20066	0	0	0	0 V 0 S 0 U	0	0	0	0	177,376	58,629	182,629	
03X Navajo (386) API# 02-001-20011	12	91	0	0 V 0 S 0 U	531	0	0	0	1,924,849	279,975	639,551	
04 Navajo (384) API# 02-001-20009	0	0	0	0 V 0 S 0 U	0	0	0	0	3,625,859	3,157,643	110,983	
06 Navajo (390) API# 02-001-20014	27	148	0	0 V 0 S 0 U	1,900	0	0	0	295,969	12,448	87,339	
06 Navajo-88 (722) API# 02-001-20252	0	0	0	0 V 0 S 0 U	704	0	0	0	47,647	728	261,139	

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07 Navajo (389) API# 02-001-20013	0	0	0	0	0	0	0	0	658,386	403,746	108,151	
09 Navajo (396) API# 02-001-20020	0	0	0	0	0	0	0	1,656,806	556,092	259,211		
11 Navajo (506) API# 02-001-20106	27	372	0	0	5,110	0	180	1,013,895	83,045	649,294		
14 Navajo (416) API# 02-001-20040	27	124	0	0	1,321	0	0	315,886	21,091	148,816		
15 Navajo (417) API# 02-001-20041	0	0	0	0	0	0	0	115,187	17,761	37,903		
16 Navajo (419) API# 02-001-20043	0	0	0	0	0	0	0	96,754	35,815	16,680		
17 Navajo (618) API# 02-001-20190	20	92	0	0	982	0	0	70,840	8,931	41,682		
19 Navajo (691) API# 02-001-20240	27	223	0	0	2,315	0	0	349,067	11,443	239,279		
20 Navajo (696) API# 02-001-20245	0	0	0	0	1,036	0	0	199,239	21,157	84,544		
21 Navajo (693) API# 02-001-20242	0	0	0	0	0	0	0	95,289	41,587	29,906		
22 Navajo (692) API# 02-001-20241	0	0	0	0	101	0	0	61,279	4,663	38,065		
24 Navajo (695) API# 02-001-20244	27	1,113	4,578	0	12,697	46,642	0	251,977	877,672	55,778		
25 Navajo (719) API# 02-001-20249	27	167	0	0	1,957	0	176	82,226	3,842	65,587		

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26 Navajo (720) API# 02-001-20250	12	214	142	0 S 0 U 0 V		4,377	2,749	0		82,751	32,597	10,751		82,751	32,597	10,751
27 Navajo (721) API# 02-001-20251	27	167	0	0 S 0 U 0 V		1,874	0	0		101,042	682	54,683		101,042	682	54,683
OPERATOR_FIELD TOTAL		3,591	4,720	26,899		47,900	51,401	315,326		16,395,540	6,114,217	5,797,605		16,395,540	6,114,217	5,797,605
ABANDONED PRODUCER										2,143,580	700,640	328,658		2,143,580	700,640	328,658
TOTAL DINEH-BI-KEYAH (HERMOSA)										18,539,120	6,814,857	6,126,263		18,539,120	6,814,857	6,126,263
<b>DRY MESA (MISSISSIPPIAN/PARADOX)</b> RIM Southwest Corp.																
02 Navajo-138 (106) API# 02-001-05303	0	0	0	0 S 0 U 0 V		0	0	194		12,200	93,063	1,101,091		12,200	93,063	1,101,091
03 Navajo-138 (115) API# 02-001-05305	31	69	835	4,160 S 536 U 0 V		911	8,584	62,680		468,338	589,743	813,719		468,338	589,743	813,719
10 Navajo-138 (907) API# 02-001-20318	31	28	79	179 S 6 U 0 V		138	1,073	2,675		3,170	11,581	74,275		3,170	11,581	74,275
OPERATOR_FIELD TOTAL		97	914	4,881		1,049	9,657	65,549		483,708	694,387	1,989,085		483,708	694,387	1,989,085
ABANDONED PRODUCER										364,967	2,145,509	299,756		364,967	2,145,509	299,756
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)										848,675	2,839,896	2,288,841 *		848,675	2,839,896	2,288,841 *
<b>EAST BOUNDARY BUTTE (PARADOX)</b> Elm Ridge Resources, Inc.																
01 Navajo (28) API# 02-001-05199	8	75	0	0 S 0 U 0 V		882	0	0		146,539	696,249	2,054,982		146,539	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		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		11,323	276,138	83,480

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OPERATOR FIELD TOTAL	75	0	0	0	882	0	0		180,041	987,008	3,984,121	
ABANDONED PRODUCER									709,320	4,177,141	5,858,349	
TOTAL EAST BOUNDARY BUTTE (PARADOX)									889,361	5,164,149	9,842,470	
<b>BLACK ROCK (ISMAY/AKAH)</b>												
RIM Southwest Corp.												
03 Black Rock (581) API# 02-001-20162	29	0	0	5,996 S 203 U	69	712	72,668		4,232	5,467	1,907,850	
12 Black Rock (875) API# 02-001-20294	31	37	205	992 S 366 U	617	2,966	16,336		10,061	37,185	1,141,901	
20 Black Rock (882) API# 02-001-20297	31	97	802	3,810 S 506 U	1,058	8,802	53,251		22,345	124,979	1,034,064	
OPERATOR FIELD TOTAL	134	1,007	11,873		1,744	12,480	142,255		36,638	167,631	4,083,815	
ABANDONED PRODUCER									26,183	290,528	4,875,107	
TOTAL BLACK ROCK (ISMAY/AKAH)									62,821	458,159	8,958,922 *	
ABANDONED FIELDS AND UNDESIGNATED									606,438	570,155	4,947,180	
<b>GRAND TOTALS</b>	<b>3,897</b>	<b>6,641</b>	<b>43,653</b>		<b>51,575</b>	<b>73,538</b>	<b>523,130</b>		<b>20,946,415</b>	<b>15,847,216</b>	<b>32,163,676 *</b>	

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 CO<sub>2</sub> Production Report

DEC 2008

	DAYS	MONTHLY PRODUCTION		YEAR TO DATE		ALL TIME CUMULATIVE	
		CO <sub>2</sub> MCF-DISP		CO <sub>2</sub> MCF		CO <sub>2</sub> MCF	
<b>ST JOHNS (SUPAI)</b> Ridgeway Arizona Oil Corp 10-22 State (896) API# 02-001-20308	0	0 S		0		377,894	
<b>ABANDONED FIELDS AND UNDESIGNATED</b>							
<b>GRAND TOTALS</b>		0		0		377,894	

Gas Disposition Symbols in this Report:

S - Sold

State Permit Numbers are shown in parentheses

\* - Amended Report