

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, and Helium Production Report

NOV 2009

	MONTHLY PRODUCTION					YEAR TO DATE					ALL TIME CUMULATIVE					
	DAYS	OIL	WATER	GAS	GAS MCF-DISP	OIL BBL	WATER	OIL BBL	WATER BBL	GAS MCF	OIL BBL	WATER BBL	GAS MCF	OIL BBL	WATER BBL	GAS MCF
		BBL	BBL	BBL			BBL									
DINEH-BI-KEYAH (HERMOSA)																
Nacogdoches Oil and Gas																
01 Navajo (377)	29	189	0	0	0	2,362	0	0	0	0	1,150,670	34,315	137,857			
API# 02-001-20001																
01 Navajo-138 (388)	21	209	0	0	0	3,037	0	0	0	1,152,496	61,544	653,170				
API# 02-001-20012																
01 Navajo-C (484)	0	0	0	0	0	0	0	0	0	8,302	2,092	2,501				
API# 02-001-20092																
01X Navajo-B (445)	29	276	0	0	0	3,358	0	0	0	1,904,454	51,028	224,817				
API# 02-001-20068																
02 Navajo-88 (431)	12	116	177	0	0	1,761	1,806	0	0	866,770	332,345	143,751				
API# 02-001-20055																
02 Navajo-B (385)	30	0	0	48,158	0	0	0	0	496,459	0	0	0	1,908,626			
API# 02-001-20010																
03 Navajo-138 (723)	29	175	0	0	0	1,854	0	0	0	102,896	5,152	101,371				
API# 02-001-20253																
03 Navajo-88 (443)	0	0	0	0	0	0	0	0	0	177,376	58,629	182,629				
API# 02-001-20066																
03X Navajo (386)	21	138	0	0	0	927	0	0	0	1,925,776	279,975	639,551				
API# 02-001-20011																
04 Navajo (384)	0	0	0	0	0	0	0	0	0	3,625,859	3,157,643	110,983				
API# 02-001-20009																
06 Navajo (390)	29	139	0	0	0	1,700	0	0	0	297,669	12,448	87,339				
API# 02-001-20014																
06 Navajo-88 (722)	22	97	0	0	0	726	0	0	0	48,373	728	261,139				
API# 02-001-20252																

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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	0	0	0	0	658,386	403,746	108,151	
09 Navajo (396) API# 02-001-20020	29	97	47	0	214	91	0	1,657,020	556,183	259,211		
11 Navajo (506) API# 02-001-20106	30	351	0	15	3,781	0	165	1,017,676	83,045	649,459		
14 Navajo (416) API# 02-001-20040	29	25	0	0	1,303	0	0	317,189	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	29	105	0	0	920	0	0	71,760	8,931	41,682		
19 Navajo (691) API# 02-001-20240	29	207	0	0	1,987	0	0	351,054	11,443	239,279		
20 Navajo (696) API# 02-001-20245	26	109	0	0	774	0	0	200,013	21,157	84,544		
21 Navajo (693) API# 02-001-20242	26	170	0	0	874	0	0	96,163	41,587	29,906		
22 Navajo (692) API# 02-001-20241	0	0	0	0	805	0	0	62,084	4,663	38,065		
24 Navajo (695) API# 02-001-20244	29	1,009	6,124	0	12,367	49,413	0	264,344	927,085	55,778		
25 Navajo (719) API# 02-001-20249	0	0	0	0	1,102	0	128	83,328	3,842	65,715		

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	DAYS	OIL BBL	WATER BBL	GAS MCF-DISP	OIL BBL	WATER BBL	GAS MCF		OIL BBL	WATER BBL	GAS MCF	
26 Navajo (720) API# 02-001-20250	21	320	308	0 S 0 U 0 V	681	568	0		83,432	33,165	10,751	
27 Navajo (721) API# 02-001-20251	29	156	0	0 S 0 U 0 V	1,752	0	0		102,794	682	54,683	
OPERATOR_FIELD TOTAL	3,888	6,656	48,173		42,285	51,878	496,752		16,437,825	6,166,095	6,294,357	
ABANDONED PRODUCER									2,143,580	700,640	328,658	
TOTAL DINEH-BI-KEYAH (HERMOSA)									18,581,405	6,866,735	6,623,015	
DRY MESA (MISSISSIPPIAN/PARADOX)												
RIM Southwest Corp.												
03 Navajo-138 (115) API# 02-001-05305	0	0	0	0 S 0 U 0 V	738	8,867	49,644		469,076	598,610	863,363	
10 Navajo-138 (907) API# 02-001-20318	0	0	0	0 S 0 U 0 V	89	544	2,787		3,259	12,125	77,062	
OPERATOR_FIELD TOTAL	0	0	0		827	9,411	52,431		472,335	610,735	940,425	
ABANDONED PRODUCER									377,167	2,238,572	1,400,847	
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)									849,502	2,849,307	2,341,272	
EAST BOUNDARY BUTTE (PARADOX)												
Elm Ridge Resources, Inc.												
01 Navajo (28) API# 02-001-05199	30	7	0	0 S 0 U 0 V	211	0	0		146,750	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	7	7	0		211	0	0		180,252	987,008	3,984,121	
ABANDONED PRODUCER									709,320	4,177,141	5,858,349	
TOTAL EAST BOUNDARY BUTTE (PARADOX)									889,572	5,164,149	9,842,470	

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		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	0	0	0	0	10	30	48,121	4,242	5,497	1,955,971
12 Black Rock (875) API# 02-001-20294	0	0	0	426	2,077	14,388	10,487	39,262	1,156,289	
20 Black Rock (882) API# 02-001-20297	0	0	0	792	6,879	37,779	23,137	131,858	1,071,843	
OPERATOR FIELD TOTAL		0	0	0	1,228	8,986	100,288	37,866	176,617	4,184,103
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								64,049	467,145	9,059,210
ABANDONED FIELDS AND UNDESIGNATED								606,438	570,155	4,947,180
GRAND TOTALS		3,895	6,656	48,173	44,551	70,275	649,471	20,990,966	15,917,491	32,813,147

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

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

Gas Disposition Symbols in this Report:

S - Sold

State Permit Numbers are shown in parentheses

* - Amended Report