

ARIZONA GEOLOGICAL SURVEY
Oil, Gas, Helium Production Report

JUL 2009

	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	
DINEH-BI-KEYAH (HERMOSA) Nacogdoches Oil and Gas												
01 Navajo (377) API# 02-001-20001	30	226	0	0 S 0 U 0 V	1,530	0	0	1,149,838	34,315	137,857		
01 Navajo-138 (388) API# 02-001-20012	29	321	0	0 S 0 U 0 V	2,208	0	0	1,151,667	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	303	0	0 S 0 U 0 V	2,193	0	0	1,903,289	51,028	224,817		
02 Navajo-88 (431) API# 02-001-20055	26	285	251	0 S 0 U 0 V	880	784	0	865,889	331,323	143,751		
02 Navajo-B (385) API# 02-001-20010	31	0	0	37,213 S 0 U 0 V	0	0	298,436	0	0	1,710,603		
03 Navajo-138 (723) API# 02-001-20253	29	201	0	0 S 0 U 0 V	1,304	0	0	102,346	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	24	181	0	0 S 0 U 0 V	181	0	0	1,925,030	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	164	0	0 S 0 U 0 V	1,114	0	0	297,083	12,448	87,339		
06 Navajo-88 (722) API# 02-001-20252	26	108	0	0 S 0 U 0 V	353	0	0	48,000	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	30	410	0	15	2,274	0	105	1,016,169	83,045	649,399		
14 Navajo (416) API# 02-001-20040	30	144	0	0	894	0	0	316,780	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	100	0	0	472	0	0	71,312	8,931	41,682		
19 Navajo (691) API# 02-001-20240	29	238	0	0	1,240	0	0	350,307	11,443	239,279		
20 Navajo (696) API# 02-001-20245	26	124	0	0	260	0	0	199,499	21,157	84,544		
21 Navajo (693) API# 02-001-20242	10	75	0	0	75	0	0	95,364	41,587	29,906		
22 Navajo (692) API# 02-001-20241	26	142	0	0	493	0	0	61,772	4,663	38,065		
24 Navajo (695) API# 02-001-20244	26	1,067	3,609	0	8,031	29,178	0	260,008	906,850	55,778		
25 Navajo (719) API# 02-001-20249	29	179	0	0	722	0	80	82,948	3,842	65,667		

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26 Navajo (720) API# 02-001-20250	0	0	0	0	S	0	0	0		0	0	0		82,751	32,597	10,751
27 Navajo (721) API# 02-001-20251	29	179	0	0	S	1,082	0	0		102,124	682	54,683		16,420,846	6,144,179	6,096,226
OPERATOR_FIELD TOTAL		4,447	3,860	37,244		25,306	29,962	298,621		2,143,580	700,640	328,658		18,564,426	6,844,819	6,424,884
ABANDONED PRODUCER																
TOTAL DINEH-BI-KEYAH (HERMOSA)																
DRY MESA (MISSISSIPPIAN/PARADOX) RIM Southwest Corp.																
02 Navajo-138 (106) API# 02-001-05303	0	0	0	0	S	0	0	0		12,200	93,063	1,101,091				
03 Navajo-138 (115) API# 02-001-05305	31	88	1,056	4,948	S	575	6,728	36,730		468,913	596,471	850,449				
10 Navajo-138 (907) API# 02-001-20318	31	1	61	193	S	56	500	2,331		3,226	12,081	76,606				
OPERATOR_FIELD TOTAL		89	1,117	5,731		631	7,228	39,061		484,339	701,615	2,028,146				
ABANDONED PRODUCER										364,967	2,145,509	299,756				
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)										849,306	2,847,124	2,327,902				
EAST BOUNDARY BUTTE (PARADOX) Elm Ridge Resources, Inc.																
01 Navajo (28) API# 02-001-05199	0	0	0	0	S	0	0	0		146,539	696,249	2,054,982				
02 Navajo (22) API# 02-001-05200	0	0	0	0	S	0	0	0		22,179	14,621	1,845,659				
03-11 Navajo (490) API# 02-001-20095	0	0	0	0	S	0	0	0		11,323	276,138	83,480				

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	DAYS	OIL BBL	WATER BBL	GAS MCF-DISP	OIL BBL	WATER BBL	GAS MCF		OIL BBL	WATER BBL	GAS MCF	
OPERATOR FIELD TOTAL	0	0	0	0	0	0	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	
BLACK ROCK (ISMAY/AKAH)												
RIM Southwest Corp.												
03 Black Rock (581)	29	4	30	4,250 S	10	30	37,406		4,242	5,497	1,945,256	
API# 02-001-20162				212 U								
				0 V								
12 Black Rock (875)	26	37	237	1,450 S	352	1,676	10,438		10,413	38,861	1,152,339	
API# 02-001-20294				196 U								
				0 V								
20 Black Rock (882)	30	92	755	4,042 S	583	5,019	28,188		22,928	129,998	1,062,252	
API# 02-001-20297				387 U								
				0 V								
OPERATOR FIELD TOTAL	133	1,022	10,537		945	6,725	76,032		37,583	174,356	4,159,847	
ABANDONED PRODUCER									26,183	290,528	4,875,107	
TOTAL BLACK ROCK (ISMAY/AKAH)									63,766	464,884	9,034,954	
ABANDONED FIELDS AND UNDESIGNATED									606,438	570,155	4,947,180	
GRAND TOTALS	4,669	5,999	53,512	26,882	43,915	413,714	20,973,297	15,891,131	32,577,390			

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

	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) API# 02-001-20308	0	0 S		0		377,894	
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

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