

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

	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	0	0	0	0	480	0	0	1,151,164	34,315	137,857
01 Navajo-138 (388) API# 02-001-20012	20	205	0	0	205	0	0	1,152,701	61,544	653,170
01 Navajo-C (484) API# 02-001-20092	0	0	0	0	0	0	0	8,302	2,092	2,501
01X Navajo-B (445) API# 02-001-20068	29	301	0	0	1,521	195	0	1,906,060	51,223	224,817
02 Navajo-88 (431) API# 02-001-20055	21	203	241	0	2,795	2,722	0	869,650	335,228	143,751
02 Navajo-B (385) API# 02-001-20010	0	0	0	0	0	0	362	0	0	1,953,519
03 Navajo-138 (723) API# 02-001-20253	27	160	0	0	290	0	0	103,203	5,152	101,371
03 Navajo-88 (443) API# 02-001-20066	0	0	0	0	0	0	0	177,376	58,629	182,629
03X Navajo (386) API# 02-001-20011	0	0	0	0	594	0	0	1,926,370	279,975	639,551
04 Navajo (384) API# 02-001-20009	0	0	0	0	0	0	0	3,625,859	3,157,643	110,983
06 Navajo (390) API# 02-001-20014	29	140	0	0	1,236	0	0	299,004	12,448	87,339
06 Navajo-88 (722) API# 02-001-20252	0	0	0	0	1,412	0	0	49,820	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	1,657,020	556,183	259,211		
11 Navajo (506) API# 02-001-20106	29	350	0	0	1,622	0	0	1,019,323	83,045	649,474		
14 Navajo (416) API# 02-001-20040	29	122	0	0	1,223	0	0	318,421	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	104	0	0	888	0	0	72,655	8,931	41,682		
19 Navajo (691) API# 02-001-20240	11	79	0	0	989	0	0	352,058	11,443	239,279		
20 Navajo (696) API# 02-001-20245	20	84	0	0	838	0	0	200,860	21,157	84,544		
21 Navajo (693) API# 02-001-20242	10	66	0	0	1,600	0	0	97,783	41,587	29,906		
22 Navajo (692) API# 02-001-20241	25	140	0	0	841	0	0	62,925	4,663	38,065		
24 Navajo (695) API# 02-001-20244	25	909	4,129	0	12,051	49,892	0	277,136	982,717	55,778		
25 Navajo (719) API# 02-001-20249	29	157	0	0	1,271	0	0	84,610	3,842	65,731		

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26 Navajo (720) API# 02-001-20250	5	78	0	0	S	2,961	1,666	0	86,521	34,990	10,751
27 Navajo (721) API# 02-001-20251	29	157	0	0	U V	1,340	0	0	104,178	682	54,683
OPERATOR FIELD TOTAL	3,255	4,370	0	0		34,157	54,475	362	16,473,326	6,226,630	6,339,281
ABANDONED PRODUCER									2,143,580	700,640	328,658
TOTAL DINEH-BI-KEYAH (HERMOSA)									18,616,906	6,927,270	6,667,939
<b>DRY MESA (MISSISSIPPIAN/PARADOX)</b>											
RIM Southwest Corp.											
03 Navajo-138 (115) API# 02-001-05305	30	175	1,917	4,895	S U	762	15,872	54,476	469,910	614,482	923,804
10 Navajo-138 (907) API# 02-001-20318	30	11	18	21	S U V	121	165	700	3,391	12,290	77,554
OPERATOR FIELD TOTAL	186	1,935	5,553			883	16,037	55,176	473,301	626,772	1,001,358
ABANDONED PRODUCER									377,167	2,238,572	1,400,847
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)									850,468	2,865,344	2,402,205
<b>EAST BOUNDARY BUTTE (PARADOX)</b>											
Elm Ridge Resources, Inc.											
01 Navajo (28) API# 02-001-05199	0	0	0	0	S U V	586	0	0	147,336	696,249	2,054,982
02 Navajo (22) API# 02-001-05200	0	0	0	0	S U V	0	0	0	22,179	14,621	1,845,659
03-11 Navajo (490) API# 02-001-20095	0	0	0	0	S U V	0	0	0	11,323	276,138	83,480
OPERATOR FIELD TOTAL	0	0	0	0		586	0	0	180,838	987,008	3,984,121
ABANDONED PRODUCER									709,320	4,177,141	5,858,349
TOTAL EAST BOUNDARY BUTTE (PARADOX)									890,158	5,164,149	9,842,470

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

NOV 2010

	DAYS	MONTHLY PRODUCTION			YEAR TO DATE			ALL TIME CUMULATIVE		
		OIL BBL	WATER BBL	GAS MCF-DISP	OIL BBL	WATER BBL	GAS MCF	OIL BBL	WATER BBL	GAS MCF
<b>BLACK ROCK (ISMAY/AKAH)</b>										
RIM Southwest Corp.										
03 Black Rock (581) API# 02-001-20162	30	0	7	3,712 S 191 U	11	32	48,487	4,311	5,529	2,009,762
12 Black Rock (875) API# 02-001-20294	22	0	149	1,443 S 311 U	600	2,278	21,251	11,132	41,540	1,179,715
20 Black Rock (882) API# 02-001-20297	30	217	686	3,131 S 527 U 0 V	1,157	7,689	42,978	24,406	140,356	1,119,039
OPERATOR FIELD TOTAL		217	842	9,315	1,768	9,999	112,716	39,849	187,425	4,308,516
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								66,032	477,953	9,183,623
ABANDONED FIELDS AND UNDESIGNATED								606,438	570,155	4,947,180
<b>GRAND TOTALS</b>		<b>3,658</b>	<b>7,147</b>	<b>14,868</b>	<b>37,394</b>	<b>80,511</b>	<b>168,254</b>	<b>21,030,002</b>	<b>16,004,871</b>	<b>33,043,417</b>

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 CO<sub>2</sub> Production Report

NOV 2010

ALL TIME CUMULATIVE

YEAR TO DATE

MONTHLY PRODUCTION

CO<sub>2</sub>  
MCF

CO<sub>2</sub>  
MCF

CO<sub>2</sub>  
MCF-DISP

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

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