

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

MAR 2010

	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	69	0	0	0	1,150,753	34,315	137,857	
01 Navajo-138 (388) API# 02-001-20012	0	0	0	0	0	0	0	0	1,152,496	61,544	653,170	
01 Navajo-C (484) API# 02-001-20092	0	0	0	0	0	0	0	0	8,302	2,092	2,501	
01X Navajo-B (445) API# 02-001-20068	0	0	0	0	268	0	0	0	1,904,807	51,028	224,817	
02 Navajo-88 (431) API# 02-001-20055	12	154	150	0	378	494	0	0	867,233	333,000	143,751	
02 Navajo-B (385) API# 02-001-20010	31	0	0	44,531	0	0	133,593	0	0	0	2,086,750	
03 Navajo-138 (723) API# 02-001-20253	0	0	0	0	0	0	0	0	102,913	5,152	101,371	
03 Navajo-88 (443) API# 02-001-20066	0	0	0	0	0	0	0	0	177,376	58,629	182,629	
03X Navajo (386) API# 02-001-20011	0	0	0	0	0	0	0	0	1,925,776	279,975	639,551	
04 Navajo (384) API# 02-001-20009	0	0	0	0	0	0	0	0	3,625,859	3,157,643	110,983	
06 Navajo (390) API# 02-001-20014	0	0	0	0	175	0	0	0	297,943	12,448	87,339	
06 Navajo-88 (722) API# 02-001-20252	10	56	0	0	154	0	0	0	48,562	728	261,139	

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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	0	0	0	0 S 0 U 0 V	0	0	0	1,017,701	83,045	649,474
14 Navajo (416) API# 02-001-20040	0	0	0	0 S 0 U 0 V	0	0	0	317,198	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	0	0	0	0 S 0 U 0 V	0	0	0	71,767	8,931	41,682
19 Navajo (691) API# 02-001-20240	0	0	0	0 S 0 U 0 V	0	0	0	351,069	11,443	239,279
20 Navajo (696) API# 02-001-20245	0	0	0	0 S 0 U 0 V	0	0	0	200,022	21,157	84,544
21 Navajo (693) API# 02-001-20242	0	0	0	0 S 0 U 0 V	0	0	0	96,183	41,587	29,906
22 Navajo (692) API# 02-001-20241	0	0	0	0 S 0 U 0 V	0	0	0	62,084	4,663	38,065
24 Navajo (695) API# 02-001-20244	20	963	3,610	0 S 0 U 0 V	2,847	14,578	0	267,932	947,403	55,778
25 Navajo (719) API# 02-001-20249	10	72	0	0 S 0 U 0 V	228	0	0	83,567	3,842	65,731

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26 Navajo (720) API# 02-001-20250	0	0	0	0 S	364	127	0		83,924	33,451	10,751	
27 Navajo (721) API# 02-001-20251	0	0	0	0 U V	0	0	0		102,838	682	54,683	
OPERATOR FIELD TOTAL	1,245	3,760	44,531		4,483	15,199	133,593		16,443,652	6,187,354	6,472,512	
ABANDONED PRODUCER									2,143,580	700,640	328,658	
TOTAL DINEH-BI-KEYAH (HERMOSA)									18,587,232	6,887,994	6,801,170	
<b>DRY MESA (MISSISSIPPIAN/PARADOX)</b>												
RIM Southwest Corp.												
03 Navajo-138 (115) API# 02-001-05305	31	0	187	4,761 S 783 U	227	1,148	15,004		469,375	599,758	884,332	
10 Navajo-138 (907) API# 02-001-20318	25	0	22	0 V 227 S 18 U	23	48	367		3,293	12,173	77,221 *	
OPERATOR FIELD TOTAL	0	209	5,789		250	1,196	15,371		472,668	611,931	961,553	
ABANDONED PRODUCER									377,167	2,238,572	1,400,847	
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)									849,835	2,850,503	2,362,400 *	
<b>EAST BOUNDARY BUTTE (PARADOX)</b>												
Elm Ridge Resources, Inc.												
01 Navajo (28) API# 02-001-05199	0	0	0	0 S 0 U 0 V	33	0	0		146,783	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	0	0	0		33	0	0		180,285	987,008	3,984,121	
ABANDONED PRODUCER									709,320	4,177,141	5,858,349	
TOTAL EAST BOUNDARY BUTTE (PARADOX)									889,605	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
<b>BLACK ROCK (ISMAY/AKAH)</b>										
RIM Southwest Corp.										
03 Black Rock (581) API# 02-001-20162	31	0	0	4,209 S 343 U	5	16	13,895	4,305	5,513	1,975,170
12 Black Rock (875) API# 02-001-20294	25	39	220	1,722 S 409 U	145	534	6,248	10,677	39,796	1,164,712
20 Black Rock (882) API# 02-001-20297	31	0	94	3,104 S 630 U	364	1,794	12,031	23,613	134,461	1,088,092
OPERATOR_FIELD TOTAL		39	314	10,417	514	2,344	32,174	38,595	179,770	4,227,974
ABANDONED PRODUCER								26,183	290,528	4,875,107
TOTAL BLACK ROCK (ISMAY/AKAH)								64,778	470,298	9,103,081
ABANDONED FIELDS AND UNDESIGNATED								606,438	570,155	4,947,180
<b>GRAND TOTALS</b>		<b>1,284</b>	<b>4,283</b>	<b>60,737</b>	<b>5,280</b>	<b>18,739</b>	<b>181,138</b>	<b>20,997,888</b>	<b>15,943,099</b>	<b>33,056,301</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

MAR 2010

ALL TIME CUMULATIVE

CO<sub>2</sub>  
MCF

YEAR TO DATE

CO<sub>2</sub>  
MCF

MONTHLY PRODUCTION

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

\* - Amended Report