

**Bedrock Aquifer Evaluation Determination Tool****Denver Basin Aquifer - Specific Location Determination Tool**

**Applicant:** API # 05-123-15316  
UNIT /A/ GAS UNIT #2

**Reciept No:**

**Evaluated By:** DM

**Location:** SW 1/4 of SE 1/4 of Sec. 16, T.2N, R.67W. ( 1313 SSL, 1342 ESL)

**Basin Designation:** Location is within the UNKNOWN Designated Ground Water Basin.

**Ground Surface Elevation:** 5012 Feet      **Number of Acres:** 160

Warning! The depth intervals estimated in this area may vary from actual conditions due to lack of data and/or structural complexity.

Aquifer	Elevation (ft)		Net Sand	DEPTH (ft)		ANNUAL APRPROP. (A-F)	STATUS
	<i>Bot</i>	<i>Top</i>		<i>Bot</i>	<i>Top</i>		
Upper Dawson	--	--	--	--	--	--	--
Lower Dawson	--	--	--	--	--	--	--
Denver	--	--	--	--	--	--	--
Upper Arapahoe	--	--	--	--	--	--	--
Lower Arapahoe	--	--	--	--	--	--	--
Laramie-Fox Hills	4477	4760	171.6	535	252	41.18	NT

NOTE: 'E' indicates a location is at an aquifer boundary and the values may be more approximate.

#### Plug and Abandon Surface Casing Check

Operator: Kerr McGee

Doc # 401710092

Deepest Water Well Within 1 Mile: 540'      Number of Wells: 24

Deepest Water Well Within 1.5 Miles: 568'      Number of Wells: 90

Sussex and Shannon production within 1 mile.