

**Play:** 4733 Frio South Texas Mid-Dip Oil and Gas  
**Province:** 47 Western Gulf  
**Geologist:** Schenk, C.J. **Status:** confirmed

<b>Play Attributes:</b>	<u>Probability of Occurrence</u>
Charge	1.00
Reservoir rock	1.00
Traps	1.00
<b>Play Probability</b>	<b>1.00</b>

**Size of Undiscovered Accumulations (>1 MMBOE) (Conditional):**

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>		
Median	2	MMBO	10	BCFG
F5 of Largest Accumulation	14	MMBO	80	BCFG
TSP Shape Factor	4		5	
Mean (calculated)	2.8	MMBO	14.4	BCFG

**Number of Undiscovered Accumulations (>1 MMBOE) (Conditional):**

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Minimum	2	8
Median	25	30
Maximum	70	80
Mean (calculated)	29.6	35.8

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**Ratio of Associated-Dissolved Gas to Oil:** 3,430 CFG/bbl

**Ratio of NGL to Non-Associated Gas:** 30 bbl/MMCF

**Ratio of NGL to Associated-Dissolved Gas:** 20 bbl/MMCF

**API Gravity (degrees):**

<u>minimum</u>	<u>mean</u>	<u>maximum</u>
20.0	43.0	50.0

**Depth of Oil Accumulations (ft):**

<u>minimum</u>	<u>median</u>	<u>maximum</u>
6,000	10,000	12,000

**Depth of N-A Gas Accumulations (ft):**

<u>minimum</u>	<u>median</u>	<u>maximum</u>
8,000	12,000	14,000

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**Estimated Resources:**

**Oil (MMBO)**

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
3.00	11.10	39.90	68.10	113.30	171.00	196.10	81.70	50.00

**NGL (MMBNGL)**

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
0.65	2.41	8.73	15.05	26.11	40.05	46.74	21.10	11.85

**Associated-Dissolved Gas (BCFG)**

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
10.29	38.07	136.86	233.58	388.62	586.53	672.62	280.30	171.50

**Non-Associated Gas (BCFG)**

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
14.80	54.80	199.70	345.90	611.40	944.10	1,109.70	517.40	280.80