

**WELL NAME:** GARCIA #4-12    **FIELD:** GARCIA - #27950    **LSE#:**  
**STATE:** COLORADO    **COUNTY:** LAS ANIMAS #071    **LOCATION:** NWSW 4 34S 62W  
**API NO:** 05-071-07235    **SPUD DATE:** 2/25/1997    **FORMATION:** NIOBRARA-TIMPAS  
**TD:** 2310'    **PBTD:** 2273'    **ELEVATION:** 6,508 ft GL

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEPTH	SX	WT.	TOC
Surf	8-5/8	K-55	ST&C	45.00#	Surf	166'	7	10-3/4"		100		Surf
Prod	4-1/2	K-55	ST&C	9.50#	Surf	2310'	63	7-7/8"		340		1328'
Tbg	2-3/8				0'							

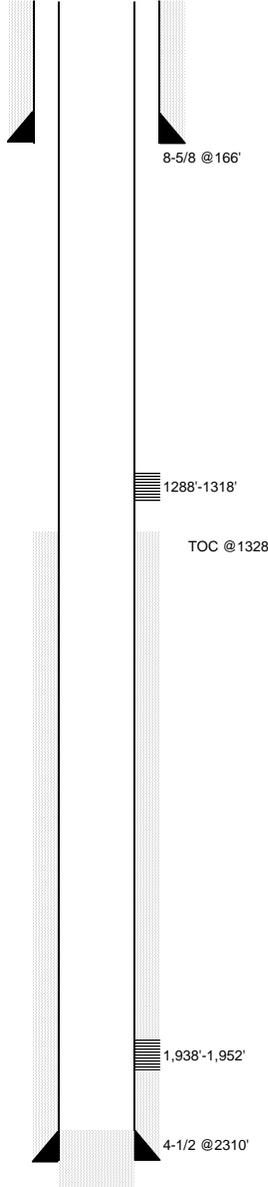
**REMARKS:**  
 WE TREATED THE FORMATION WITH 500 GALLON OF HCL ACID AND FLUSHED WITH 2000 GALLONS OF 2% HCL WATER 500 GALLON WAS 10% HCL ACID  
 200 Sacks of Cmnt was pumped down the backsid of the casing to shut off gas leak at casing head.

**LOGS**  
 COMPENSATED DENSITY/NEUTRON, SINGLE INDUCTION, CBL  
**CAPACITIES (bbl/ft) (ft/bbl) (cf/ft)**  
 CSG: 4-1/2 in. 9.5#

**VOLUME BETWEE (bbl/ft) (ft/bbl) (cf/ft)**  
 TBGxCSG:  
 TBGxCSG:  
 CSGxHOLE:  
 TBGxHOLE:  
 TBGxHOLE:

**PERFORATION RECORD**

TOP	BTM	ZONE	STAU	SPF
1194'	1960'	Niobrara	Gas	OH
1288'	1292'	Apishapa	Gas	OH
1314'	1318'	Apishapa	Gas	OH
1938'	1960'	Timpas	Gas	OH



Packer / Tubing Detail	ID (in)	OD (in)	Length Feet	Depth Feet
No Tubing				

**PREPARED BY:** Scott B. Daves    **OFFICE:** 303 601-9179  
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**Updated:**