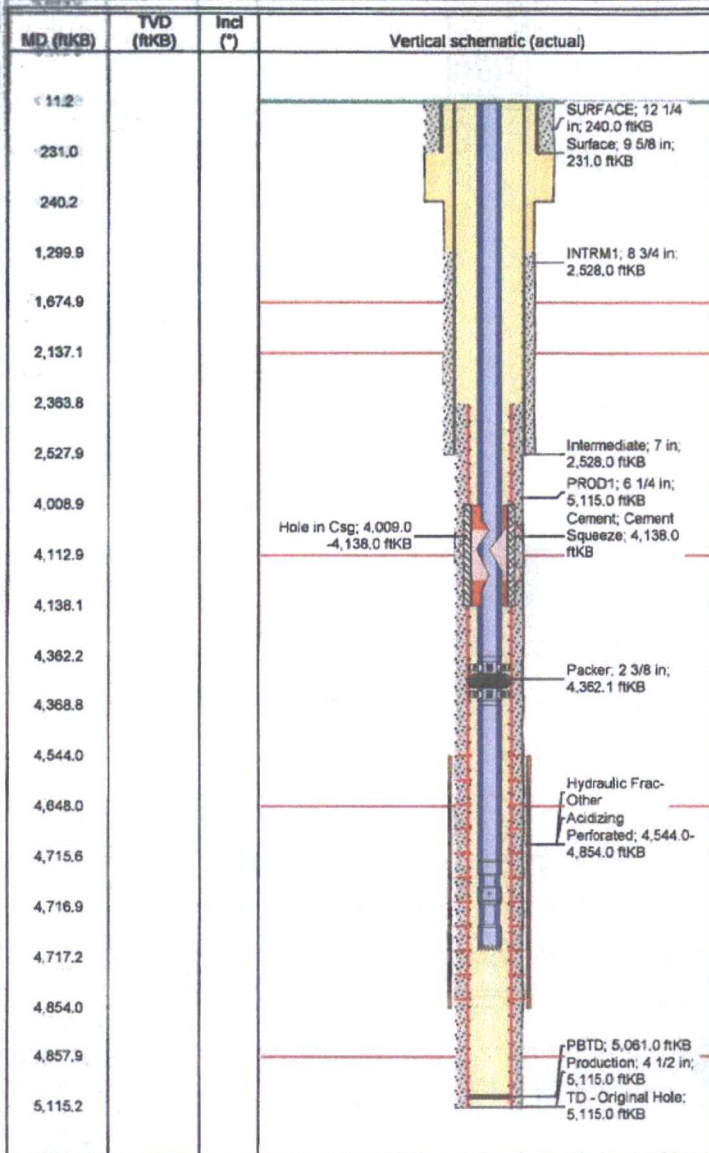




Downhole Well Profile - with Schematic

Well Name: Federal Gas Com 01-01A

APVUWI 30045239440000	Accounting ID 70254	Permit Number	State/Province New Mexico	County San Juan
Location T32N-R12W-S20	Spud Date 6/5/1980 12:45	Original KB Elevation (ft) 5,925.00	Gr Elev (ft) 5,914.00	KB-Ground Distance (ft) 11.00
Casing Flange Elevation (ft)				



Wellbores							
Wellbore Name Original Hole		Parent Wellbore Original Hole		Wellbore APVUWI 30045239440000			
Start Depth (ftKB) 11.0		Profile Type		Kick Off Depth (MD) (ftKB)			
Section Des		Size (in)	Act Top (ftKB)	Act Btm (ftKB)			
SURFACE		12 1/4	11.0	240.0			
INTRM1		8 3/4	240.0	2,528.0			
PROD1		6 1/4	2,528.0	5,115.0			
Zones							
Zone Name		Top (ftKB)	Btm (ftKB)	Current Status			
Mesaverde		4,544.0	4,854.0				
Casing Strings							
Csg Des	Set Depth (ftKB)	OD (in)	Wt/Len (lb/ft)	Grade			
Surface	231.0	9 5/8	32.30	H-40			
Intermediate	2,528.0	7	20.00	K-55			
Production	5,115.0	4 1/2	10.50	K-55			
Cement							
Des		Type	String				
Intermediate Casing Cement		Casing	Intermediate, 2,528.0ftKB				
Production Casing Cement		Casing					
Surface Casing Cement		Casing	Surface, 231.0ftKB				
Cement Squeeze		Squeeze	Production, 5,115.0ftKB				
Tubing Strings							
Tubing Description Tubing - Production		Run Date		Set Depth (ftKB) 4,717.2			
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	2 3/8	4.70	J-55	135	4,351.06	11.0	4,362.1
Packer	2 3/8			1	6.75	4,362.1	4,368.8
Tubing	2 3/8	4.70	J-55	11	346.81	4,368.8	4,715.6
Seat Nipple	2 3/8			1	1.10	4,715.6	4,716.7
Notched Collar	2 3/8			1	0.43	4,716.7	4,717.2
Rod Strings							
Rod Description		Run Date		Set Depth (ftKB)			
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Other In Hole							
Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)			
	Hole in Csg	4 1/2	4,009.0	4,138.0			
Perforations							
Date	Top (ftKB)	Btm (ftKB)	Zone				
8/5/1980	4,544.0	4,854.0	Mesaverde, Original Hole				



Downhole Well Profile - with Schematic

Well Name: Federal Gas Com 01-01A

API/UWI 30045239440000	Accounting ID 70254	Permit Number	State/Province New Mexico	County San Juan
Location T32N-R12W-S20	Spud Date 6/5/1980 12:45	Original KB Elevation (ft) 5,925.00	Gr Elev (ft) 5,914.00	KB-Ground Distance (ft) 11.00
Casing Flange Elevation (ft)				

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
11.2			
231.0			
240.2			
1,299.9			
1,674.9			
2,137.1			
2,363.8			
2,527.9			
4,008.9			
4,112.9			
4,138.1			
4,362.2			
4,368.8			
4,544.0			
4,648.0			
4,715.6			
4,716.9			
4,717.2			
4,854.0			
5,061.0			
5,115.2			

Stimulations & Treatments					
Frac #	Top Perf (ftKB)	Bottom Perf (ftKB)	AIR (bbl/min)	MIR (bbl/min)	TWP (bbl)
4544	4854				
4544	4854				