Current Schematic

ConocoPhillips

Well Name: SAN JUAN 29-7 UNIT #56

API / UWI	Surface Legal Location	Field Name	License No	State/Province	Well Configuration Type
3003960102	990'N 990'E,15-029N-007W	BLANCO MV (PRO 86078		NEW MEXICO	Edit

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,220.00	6,230.50	10.50	6,230.50	6,230.50

Well Config - 30039601020000, 8/18/2008 9:32:50 AM

ftKB (MD)	Schematic - Actual	Frm Final
0	Surface Casing Cement, 11-196, 1/8/1957, 180 sacks of cement, TOC @ surface per 75% Efficiency Calculation	
10	Surface, 10 3/4in, 32.75lbs/ft, H-40, 10 ftKB, 196 ftKB, The set depth was unclear as there were three different depths stated in the wellfile: The drilling report puts the set depth @ 193' KB, the tally summary total puts the set depth @ 188' KB, and the calculated set depth from adding the individual casing joints puts the set depth @ 198' KB (This is the one that is used for wellfile purpose); Adjusted set depth from 12.26' KB to 10.5' KB to match production casing KB	
195		
196		
197		
2,075		OJO ALAMO, 2,075
2,258		KIRTLAND, 2,258
2,767	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 11 ftKB, 5,328 ftKB	FRUITLAND, 2,767
3,042		PICTURED CLIFFS, 3,042
3,150		LEWIS, 3,150
3,179	Intermediate Casing Cement, 2,540-3,247, 1/16/1957, 100 sacks of cement followed by 50 sacks of regular cement, TOC @ 2540' per 75% Efficiency Calculation	
3,181		
3,245		
3,247	Intermediate, 7 5/8in, 24.00lbs/ft, H-40, 11 ftKB, 3,247 ftKB, Adjusted from 11.7' KB to 10.5' KB to match production casing KB	
3,254		
4,056	Hydraulic Fracture, 6/13/2003, Frac'd with 627 bbls of 30# Linear Gel, followed by 75 Quality Foam with 37,000 SCF N2 and 200,000# of 20/40 Arizona Sand	Lewis, 4,056-4,735, 6/16/2003
4,735		
4,781		CLIFF HOUSE, 4,781
4,782	Hyd Frac-Slickwater, 2/6/1957, Frac'd with 80,000 gals of slickwater	
4,894		Cliffhouse, 4,782-5,006, 2/6/1957 — MENEFEE, 4,894
5,006	Hyd Frac-Slickwater, 2/6/1957, Frac'd with 75,000 gals of slickwater	
5,052		
5,226	Tubing Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 5,328 ftKB, 5,330 ftKB	Menefee/Point Lookout, 5,052-5,372, 2/5/1957 — POINT LOOKOUT, 5,226
5,328		
5,330	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 5,330 ftKB, 5,362 ftKB	
5,362	Seating Nipple, 2 3/8in, 4.70lbs/ft, J-55, 5,362 ftKB, 5,363 ftKB	
5,363	Expendable Check Valve, 2 3/8in, 4.70lbs/ft, J-55, 5,363 ftKB, 5,364 ftKB	
5,364		
5,372		Production Casing Cement, 2,760-5,413, 1/21/1957, 150 sacks of cement, TOC @ 2760' (CBL 6/13/03) Questionable bond from 3370-3820'
5,411	PBTD, 5,411	
5,411		Cement plug, 5,411-5,413, 1/21/1957
5,413		Production, 5 1/2in, 14.00lbs/ft, J-55, 11 ftKB, 5,413 ftKB
5,430	TD, 5,430	Plug Back, 5,413-5,430, 1/21/1957

Pertinent Data Sheet revised

ConocoPhillips

Well Name: SAN JUAN 29-7 UNIT #56

API / UWI	Surface Legal Location	Field Name	License No	State/Province	Well Configuration Type
3003960102	990'N 990'E,15-029N-007W	BLANCO MV (PRO 72319 / BLANCO MESAVERDE (PRO 72319		NEW MEXICO	

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,220 00	6,230 50	10 50	6,230 50	6,230 50

Well Attributes

Orig Spud Date	Latitude (DMS)	Longitude (DMS)
1/7/1957	36° 43' 50 304" N	107° 33' 8 568" W

PBTDs

Depth (ftKB)	Comment
5,411 0	

Formations

Formation Name	Final Top MD (ftKB)
OJO ALAMO	2,075 0
KIRTLAND	2,258 0
FRUITLAND	2,767 0
PICTURED CLIFFS	3,042 0
LEWIS	3,150.0
CLIFF HOUSE	4,781 0
MENEFEE	4,894 0
POINT LOOKOUT	5,226 0

Casing Strings

Casing Description	Run Date	Set Depth (ftKB)	Comment
Surface	1/8/1957	196 4	The set depth was unclear as there were three different depths stated in the wellfile The drilling report puts the set depth @ 193' KB, the tally summary total puts the set depth @ 188' KB, and the calculated set depth from adding the individual casing joints puts the set depth @ 198' KB (This is the one that is used for wellfile purpose), Adjusted set depth from 12 26' KB to 10 5' KB to match production casing KB

Item Description	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Jts	Len (ft)
Casing Joints	10 3/4	10 192	32 75	H-40	6	184 15
Shoe	10 3/4	10 192	32 75	H-40	1	1 70

Casing Description	Run Date	Set Depth (ftKB)	Comment
Intermediate	1/16/1957	3,246 9	Adjusted from 11.7' KB to 10 5' KB to match production casing KB

Item Description	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Jts	Len (ft)
Casing Joints	7 5/8	7 025	24 00	H-40	101	3,168 92
Float Collar	7 5/8	7 025	24.00	H-40	1	1 60
Casing Joints	7 5/8	7 025	24.00	H-40	2	64 41
Guide Shoe	7 5/8	7 025	24 00	H-40	1	1 50

Casing Description	Run Date	Set Depth (ftKB)	Comment
Production	1/21/1957	5,413 0	

Item Description	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Jts	Len (ft)
Casing Joints	5 1/2	5.012	14 00	J-55	132	5,400 98
Shoe	5 1/2	5 012	14 00	J-55	1	1 50

Cement

Description	Start Date	End Date	Comment
Surface Casing Cement	1/8/1957	1/8/1957	180 sacks of cement, TOC @ surface per 75% Efficiency Calculation
Intermediate Casing Cement	1/16/1957	1/16/1957	100 sacks of cement followed by 50 sacks of regular cement, TOC @ 2540' per 75% Efficiency Calculation
Production Casing Cement	1/21/1957	1/21/1957	150 sacks of cement; TOC @ 2760' (CBL 6/13/03) Questionable bond from 3370-3820'
Plug Back	1/21/1957	1/21/1957	

Tubing - Production set at 5,363.6ftKB on 6/19/2003 00:00

Tubing Description	Run Date	Set Depth (ftKB)	Comment
Tubing - Production	6/19/2003	5,363 6	Adjusted from 11' KB to 10 5 KB to match production casing KB

Item Description	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Jts	Len (ft)	Top (ftKB)
Tubing	2 3/8	1 995	4.70	J-55	171	5,317 35	10.5
Tubing Pup Joint	2 3/8	1 995	4.70	J-55	1	2 15	5,327 9
Tubing	2 3/8	1.995	4 70	J-55	1	32 00	5,330 0
Seating Nipple	2 3/8	1 780	4 70	J-55	1	0 78	5,362 0
Expendable Check Valve	2 3/8	1 995	4 70	J-55	1	0 78	5,362 8

Perforations

Date	Top (ftKB)	Btm (ftKB)	Zone	Comment
6/16/2003	4,056 0	4,735 0	LEWIS SHALE, 30039601020000	4056', 4060', 4066', 4070', 4075', 4104', 4112', 4181', 4187', 4194', 4253', 4257', 4293', 4300', 4362', 4366', 4477', 4587', 4592', 4643', 4706', 4711', 4722', 4731', 4735' (1spf) (25) holes total
2/6/1957	4,782 0	5,006 0	CLIFF HOUSE, 30039601020000	4782'-4794', 4800'-4808'; 4812'-4816'; 4822'-4826', 4850'-4892', 4974'-4980', 4998'-5006' (168) holes total

Pertinent Data Sheet revised

ConocoPhillips

Well Name: SAN JUAN 29-7 UNIT #56

API / UWI	Surface Legal Location	Field Name	License No	State/Province	Well Configuration Type
3003960102	990'N 990'E,15-029N-007W	BLANCO MV (PRO 72319		NEW MEXICO	Edit

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,220 00	6,230 50	10 50	6,230 50	6,230 50

Perforations Edit

Date	Top (ftKB)	Btm (ftKB)	Zone	Comment
2/5/1957	5,052 0	5,372 0	MENEFEE/POINT LOOKOUT, 30039601020000	5052'-5058', 5078'-5088', 5232'-5244', 5256'-5306', 5338'-5342', 5364'-5372'

Stimulations & Treatments

Hyd Frac-Slickwater on 2/6/1957 00:00 Edit

Type	Zone	Comment
Hyd Frac-Slickwater	MENEFEE/POINT LOOKOUT, 30039601020000	Frac'd with 75,000 gals of slickwater

Hyd Frac-Slickwater on 2/6/1957 00:01 Edit

Type	Zone	Comment
Hyd Frac-Slickwater	CLIFF HOUSE, 30039601020000	Frac'd with 80,000 gals of slickwater

Hydraulic Fracture on 6/13/2003 11:00 Edit

Type	Zone	Comment
Hydraulic Fracture	LEWIS SHALE, 30039601020000	Frac'd with 627 bbls of 30# Linear Gel, followed by 75 Quality Foam with 37,000 SCF N2 and 200,000# of 20/40 Arizona Sand

Logs Edit

Date	Type
1/22/1957	Radioactivity Log
1/4/1996	Automatic Diverter Flowmeter Prod Profile
2/28/1996	Gamma Ray Correlation Log
6/13/2003	Gamma Ray/CCL/CBL

30-039-60102 ATTN: KELLY

SAN JUAN 29-7 UNIT #56 BRADENHEAD TEST REFERENCE

There is a letter written to NMOCD from the ConocoPhillips Regulatory department, dated 11/11/02, that references a similar situation regarding this well. The letter asked for permission (and received subsequent approval) to not take remedial action for this well since the correlative rights were protected and there was no evidence of contamination of fresh water. The well had pressure on the intermediate but not the bradenhead, which is the same situation that the 2008 BH test shows. The only difference to note from the 2002 and 2008 tests is a cement bond log run 6/13/03. The CBL confirms that cement covers the Lewis and Cliffhouse formations and it shows good bond from 2760' (TOC) to 120' below the intermediate shoe. Please see the attached wellbore diagram and pertinent data sheet.

NO BRADENHEAD REPAIR REQUIRED.

Deputy Oil & Gas Inspector,
District #3

AUG 26 2008