

ConocoPhillips

Well Name: SAN JUAN 32-7 UNIT #37

Current Schematic

API/Well	Service Legal Location	Field Name	License No	State/Province	Well Configuration Type	Edit
300451150200	NMPM-32N-07W-09-L	MV/DK DUAL		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Hanger Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,207.00	6,219.00	12.00				

Well Config: Vertical - Main Hole (0 - 2446), 4/22/2009 12:48:24 PM

ftKB (MD)	Schematic - Actual	From Final
12		
322		
330		
903		
3,452	Tubing, 1 660in, 2 33lbs/ft, J-55, 12 ftKB, 5,578 ftKB	
3,453		
3,503	Tubing, 2 1/16in, 3.25lbs/ft, J-55, 12 ftKB, 7,391 ftKB	
3,504		
3,507	Hydraulic Fracture, 8/25/1962, Frac'd Point Lookout with 60,000 gals Water and 60,000 lbs 20/40 Sand	
5,100		CLIFF HOUSE, 5,100
5,284		MENELEE, 5,284
5,483	Seat Nipple, 1 660in, 2.33lbs/ft, J-55, 5,578 ftKB, 5,578 ftKB	
5,512		POINT LOOKOUT, 5,512
5,518	Perforated sub, 1 660in, 2 33lbs/ft, J-55, 5,578 ftKB, 5,583 ftKB	
5,578		
5,583	Bull Plug, 1 660in, 2 33lbs/ft, J-55, 5,583 ftKB, 5,583 ftKB	
5,583		
5,591		
5,628	Model N Packer, 4 1/2in, 17.00lbs/ft, 40-26, Mechanically set - identical to Mod D from slips down, 7,391 ftKB, 7,394 ftKB	MANCOS, 5,628
6,695		GALLUP, 6,695
7,390		
7,394	Tubing, 2 1/16in, 3.25lbs/ft, J-55, 7,394 ftKB, 7,730 ftKB	
7,582		GREENHORN, 7,582
7,629		
7,631		
7,637	Seat Nipple, 2 1/16in, 3.25lbs/ft, J-55, 7,730 ftKB, 7,731 ftKB	GRANEROS, 7,637
7,706		
7,707	Perforated Sub, 2 1/16in, 3 25lbs/ft, J-55, 7,731 ftKB, 7,735 ftKB	
7,730		
7,731		
7,735	Mud Anchor, 2 1/16in, 3.25lbs/ft, J-55, 7,735 ftKB, 7,739 ftKB	
7,739		
7,740		
7,741	Tubing Pup Joint, 2 1/16in, 3.25lbs/ft, J-55, 7,739 ftKB, 7,749 ftKB	
7,741		
7,749	Bull Plug, 2 1/16in, 3.25lbs/ft, J-55, 7,749 ftKB, 7,749 ftKB	
7,749		
7,754		
7,766		
7,780		
7,787		
7,810	Hydraulic Frac, 8/24/1962, Frac'd Dakota with 50,130 gals Water and 30,000 lbs 40/60 Sand	
7,812		
7,941		
7,989	PBTD, 7,989	
7,989		
7,991		
8,022		
8,023		
8,025	TD, 8,025, 8/19/1962	

Surface Casing Cement, 12-323-7/26/1962, Cemented with 230 sxs Regular, circulated cement to surface.
Surface Casing, 10 3/4in, 10 192in, 12 ftKB, KB adjusted from 15' to 12', 323 ftKB
Intermediate Casing Cement, 2,250-3,503, 8/2/1962, Cemented with 170 sxs El Toro '35', followed by 50 sxs El Toro '35'. TOC @ 2250' - Temperature Survey 8/2/62.
Intermediate Casing, 7 5/8in, 6,969in, 12 ftKB, KB adjusted from 13.5' to 12', 3,503 ftKB

Point Lookout, 5,518-5,591, 8/25/1962

Production Casing Cement, 3,020-7,741, 8/9/1962, Cemented with 445 sxs 50/50 Pozmix, followed by 50 sxs Regular TOC @ 3020 - Temperature Survey 8/9/62.
Production Casing, 5 1/2in, 4,892in, 12 ftKB, 7,741 ftKB

Re-Perf'd Dakota @ 7780'-7784' with 3 spf - 8/30/62

Fill, 7,787-7,810, Cleaned out to 7787' junk on the bottom

Cast Iron Bridge Plug, 7,810-7,812

Dakota, 7,766-7,941, 8/24/1962

Production Liner, 4in, 3 500in, 7,629 ftKB, 8,023 ftKB

Production Liner Cement, 7,629-8,023, 8/19/1962, Cemented with 50 sxs Pozmix, TOC @ the top of liner @ 7629' - 75%

Efficiency Calculation

PBTD, 7,989-8,023, 8/19/1962

PBTD, 8,023-8,025, 8/19/1962

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OIL CONS. DIV.

DIST. 3

Pertinent Data Sheet																																																																																	
ConocoPhillips Well Name: SAN JUAN 32-7 UNIT #37																																																																																	
API/UNR 300451150200	Surface Legal Location NMPM-32N-07W-09-L	Field Name MVDK DUAL	License No	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit																																																																											
Ground Elevation (ft) 6,207.00	Original K/RRT Elevation (ft) 6,219.00	K/R-Ground Distance (ft) 12.00	K/R-Casing Flange Distance (ft)	K/R-Tubing Hanger Distance (ft)																																																																													
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Tubing - Long String set at 7,749.3RKB on 12/4/1963 00:00 Edit																																																																																	
Tubing Description Tubing - Long String	Run Date 12/4/1963	Set Depth (RKB) 7,749.3	Comment KB adjusted from 10' to 12'. Also, the pipe tallies are a little unclear some information was estimated																																																																														
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Other In Hole Edit																																																																																	
Description Fill Cast Iron Bridge Plug	Run Date	Fill Date	Top (RKB) 7,787.0 7,810.0	Comment Cleaned out to 7787' junk on the bottom																																																																													
Perforations Edit																																																																																	
Date	Top (RKB)	Bit (RKB)	Zone	Comment																																																																													
8/25/1962	5,518.0	5,591.0	MESA VERDE, Main Hole (0 - 2446)	Perf'd Point Lookout @ 5518'- 5522', 5529'- 5531', 5547'- 5551', 5587', 5591' with 3 spf, 48 holes																																																																													
8/24/1962	7,766.1	7,941.0	DAKOTA, Main Hole (0 - 2446)	Perf'd Dakota @ 7766'- 7780', 7790'- 7794', 7826'- 7830', 7937'- 7941' with 2 spf.																																																																													
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Stimulations & Treatments																																																																																	
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8/10/1962	Induction Gamma Ray/Electric Log																																																																																
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Gross Elevation (ft) 6,207.00	Original KB/RT Elevation (ft) 6,219.00	KB-Gross Distance (ft) 12.00	KB-Casing Fence Distance (ft)	KB-Tibing Hanger Distance (ft)																							
Original Spud Date 7/26/1962	Latitude (DMS) 36° 59' 52.13" N	Longitude (DMS) 107° 34' 44.839" W	Edit																								
Schematic Annotations: Comments Start Date: 8/30/1962 Annotations: Re-Perf'd Dakota @ 7780' - 7784' with 3 spf - 8/30/62 Depth (ft): 7,780.0 Edit																											
PBTDs Depth (ft): 7,989.0 Comment: Edit																											
Formations <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Formation Name</th> <th>Final Top MD (ft)</th> </tr> </thead> <tbody> <tr><td>CLIFF HOUSE</td><td>5,100.0</td></tr> <tr><td>MENEFFEE</td><td>5,284.0</td></tr> <tr><td>POINT LOOKOUT</td><td>5,512.0</td></tr> <tr><td>MANCOS</td><td>5,628.0</td></tr> <tr><td>GALLUP</td><td>6,695.0</td></tr> <tr><td>GREENHORN</td><td>7,582.0</td></tr> <tr><td>GRANEROS</td><td>7,637.0</td></tr> <tr><td>DAKOTA</td><td>7,754.0</td></tr> </tbody> </table>										Formation Name	Final Top MD (ft)	CLIFF HOUSE	5,100.0	MENEFFEE	5,284.0	POINT LOOKOUT	5,512.0	MANCOS	5,628.0	GALLUP	6,695.0	GREENHORN	7,582.0	GRANEROS	7,637.0	DAKOTA	7,754.0
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GRANEROS	7,637.0																										
DAKOTA	7,754.0																										
Casing Strings																											
Casing Description: Surface Casing Run Date: 7/26/1962 Set Depth (ft): 323.3 Comment: K B adjusted from 15' to 12' Edit																											
Item Description	OD Nominal (in)	ID (in)	WT (lb/ft)	Grade	JIS	Lot #	Edit																				
Casing Joints	10 3/4	10 1/2	32.75	H-40		10	310.28																				
Guide Shoe	10 3/4	10 1/2	32.75	H-40		1	1.00																				
Casing Description: Intermediate Casing Run Date: 8/2/1962 Set Depth (ft): 3,503.5 Comment: K.B. adjusted from 13.5' to 12' Edit																											
Item Description	OD Nominal (in)	ID (in)	WT (lb/ft)	Grade	JIS	Lot #	Edit																				
Casing Joints	7 5/8	6 9/8	26.40	J-55		108	3,440.48																				
Float Collar	7 5/8	6 9/8	26.40	J-55		1	1.00																				
Casing Joints	7 5/8	6 9/8	26.40	J-55		2	49.28																				
Guide Shoe	7 5/8	6 9/8	26.40	J-55		1	0.70																				
Casing Description: Production Casing Run Date: 8/9/1962 Set Depth (ft): 7,741.0 Comment: Edit																											
Item Description	OD Nominal (in)	ID (in)	WT (lb/ft)	Grade	JIS	Lot #	Edit																				
Casing Joints	5 1/2	4 8/92	17.00	J-55		25	890.11																				
Casing Joints	5 1/2	4 9/50	15.50	J-55		144	4,580.39																				
Casing Joints	5 1/2	4 8/92	17.00	J-55		71	2,222.78																				
Float Collar	5 1/2	4 8/92	17.00	J-55		1	1.52																				
Casing Joints	5 1/2	4 8/92	17.00	J-55		1	33.02																				
Guide Shoe	5 1/2	4 8/92	17.00	J-55		1	0.85																				
Casing Description: Production Liner Run Date: 8/19/1962 Set Depth (ft): 8,023.0 Comment: Edit																											
Item Description	OD Nominal (in)	ID (in)	WT (lb/ft)	Grade	JIS	Lot #	Edit																				
Burns Liner Hanger	4	3 5/00	11.30	FJ		1	2.15																				
Blank Liner	4	3 5/00	11.30	FJ		11	358.23																				
Float Collar	4	3 5/00	11.30	FJ		1	1.78																				
Blank Liner	4	3 5/00	11.30	FJ		1	30.70																				
Guide Shoe	4	3 5/00	11.30	FJ		1	1.40																				
Cement																											
Description	Start Date	End Date	Comment																								
Surface Casing Cement	7/26/1962		Cemented with 230 sxs Regular, circulated cement to surface																								
Intermediate Casing Cement	8/2/1962		Cemented with 170 sxs El Toro '35', followed by 50 sxs El Toro '35' TOC @ 2250' - Temperature Survey 8/2/62																								
Production Casing Cement	8/9/1962		Cemented with 445 sxs 50/50 Pozmix, followed by 50 sxs Regular TOC @ 3020' - Temperature Survey 8/9/62.																								
Production Liner Cement	8/19/1962		Cemented with 50 sxs Pozmix, TOC @ the top of liner @ 7629' - 75% Efficiency Calculation.																								
Plugback	8/19/1962																										
Tubing - Short String set at 5,582.9ftKB on 12/4/1963 00:00 Edit																											
Tubing Description	Run Date	Set Depth (ft)	Comment																								
Tubing - Short String	12/4/1963	5,582.9	K B adjusted from 10.4' to 12'.																								
Item Description	OD Nominal (in)	ID (in)	WT (lb/ft)	Grade	JIS	Lot #	Edit																				
Tubing	1.66	1.380	2.33	J-55		186	5,565.65																				
Seat Nipple	1.66		2.33	J-55		1	0.78																				

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