

Current Schematic

ConocoPhillips

Well Name: ALLISON UNIT #41M

API/UWI 3004534609	Surface Legal Location 029-032N-006W-M	Field Name MV/DK COM	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL	Edit
Ground Elevation (ft) 6,348.00	Original KB/RT Elevation (ft) 6,363.00	KB-Ground Distance (ft) 15.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		

Well Config: VERTICAL - Original Hole, 5/10/2013 7:48:25 AM

ftKB (MD)	Frm Final	Schematic - Actual
15		TUBING, 2 3/8in, 4.70lbs/ft, J-55, 15 ftKB, 46 ftKB
25		PUP JOINT, 2 3/8in, 4.70lbs/ft, J-55, 46 ftKB, 56 ftKB
46		
55		
66		
78		
229		
230		Surface, 9 5/8in, 9.001in, 15 ftKB, 230 ftKB
235		
2,207	OIL ALAMO 2 207	
2,333	FRUITLAND COAL,	
3,262	PICTURED CLIFFS	
3,440	MAIN, 3,262	
3,441		
3,482		
3,482		Intermediate1, 7in, 6.456in, 15 ftKB, 3,482 ftKB
3,482		
3,494		
4,087		TUBING, 2 3/8in, 4.70lbs/ft, J-55, 56 ftKB, 7,838 ftKB
4,097		
4,360		
4,989	MASSIVE CLIFF	
4,993	HOUSE, 4,989	
5,322	MENEFEE, 5,322	Perforated Upper Menefee-Cliff House, 4,993-5,399, 11/1/2008
5,399		
5,487		
5,554	MASSIVE POINT	
5,941	LOOKOUT, 5,554	Perforated Lower Menefee-Point Lookout, 5,487-5,941, 10/21/2008
5,992	MANCOS 5,992	
6,916	UPPER GALLUP,	
6,916	6,916	
7,145		8/12/2010 Slickline found plunger/tight spot at 7145' GL
7,550		PUP JOINT, 2 3/8in, 4.70lbs/ft, J-55, 7,838 ftKB, 7,840 ftKB
7,560		
7,652	GREENHORN, 7,652	TUBING, 2 3/8in, 4.70lbs/ft, J-55, 7,840 ftKB, 7,871 ftKB
7,819	DAKOTA, 7,819	
7,836		Perforated Upper Dakota, 7,836-7,904, 10/20/2008
7,838		F-NIPPLE, 2 3/8in, 7,871 ftKB, 7,872 ftKB
7,840		EXPENDABLE CHECK, 2 3/8in, 7,872 ftKB, 7,872 ftKB
7,871		Perforated Lower Dakota, 7,910-7,971, 10/20/2008
7,872		
7,872		
7,971		PBTD, 8,017
8,017		Production1, 4 1/2in, 4.000in, 15 ftKB, RAN 195 JOINTS OF 4 1/2" - 11.6# - L80 - BRD LT&C CASING W/ A WEATHERFORD FLOAT SHOE, 33' SHOE JOINT, 8,052 ftKB
8,018		
8,052		
8,052		
8,052		
8,060		TD, 8,060, 8/25/2008

OIL CONS. DIV DIST. 3

MAY 10 2013

Surface Casing Cement, 15-230, 7/28/2008, CIRC 3 BBL'S CMT TO SURFACE

Intermediate Casing Cement, 15-3,482, 8/19/2008, PRESSURE TEST N2 TO 3500 PSI, PRESSURE TEST LINES TO 3500 AND HELD FOR 5 MINUTES, FLUSH W/ 160 BBL'S MUD W/ 35%N2, + 10 BBL'S OF N2/WATER + 10 BBL'S CHEM WASH W/ N2 + 10 BBL'S OF WATER, MIX & PUMP 9 SKS SCAVENGER CMT @ 11 PPG SLURRY = 5 BBL'S, TAIL IN W/ 333 SKS PREMIUM LITE HS FM + .25 PPS CELLO-FLAKE + .3% CD-32 + 6.25 PPS LCM-1 + 1% FL-52 @ 12.5 PPG SLURRY = 117 BBL'S, SHUT DOWN, WASH UP, DROP PLUG & DISPLACE W/ 124.5 BBL'S WATER, START @ 4 BPM = 9 PSI, FINAL @ 2.5 BPM = 750 PSI, CAUGHT PLUG @ 107 BBL'S, BUMP PLUG TO 1300 PSI AND HELD FOR 10 MINUTES, CHECK FLOATS, HELD OK. FLOWED BACK 3/4 BBL, P/D @ 1900 HRS. CIRCULATED 75 BBL'S CMT TO RESERVE PIT.

Production Casing Cement, 4,360-8,052, 8/25/2008, RIG UP BJ CMT HEAD & LINES AND N2 PUMP, PRESSURE TEST N2 TO 3500 PSI, PRESSURE TEST LINES TO 3500 AND HELD FOR 5 MINUTES, FLUSH W/ 160 BBL'S MUD W/ 35%N2, 10 BBL'S OF N2/WATER + 10 BBL'S CHEM WASH W/ N2, 10 BBL'S OF WATER, MIX & PUMP 9 SKS SCAVENGER CMT @ 11 PPG SLURRY = 5 BBL'S, TAIL IN W/ 333 SKS PREMIUM LITE HS FM + .25 PPS CELLO-FLAKE + .3% CD-32 + 6.25 PPS LCM-1 + 1% FL-52 @ 12.5 PPG SLURRY = 117 BBL'S, SHUT DOWN, WASH UP, DROP PLUG & DISPLACE W/ 124.5 BBL'S WATER, START @ 4 BPM = 9 PSI, FINAL @ 2 BPM = 750 PSI, CAUGHT PLUG @ 107 BBL'S, BUMP PLUG TO 1300 PSI AND HELD FOR 10 MINUTES, CHECK FLOATS, HELD OK. FLOWED BACK 3/4 BBL, P/D @ 1900 HRS. CEMENT RAT & MOUSE HOLES.

Cement Fill, 8,017-8,052, 8/25/2008

Cement plug, 8,052-8,060, 8/25/2008