



Schematic Regulatory

JICARILLA B #8N

District SOUTH	Field Name MV/DK COM	County RIO ARRIBA	State/Province NEW MEXICO	API / UWI 3003930907	
Original Spud Date 11/6/2012	Surface Legal Location 025-026N-004W-C	East/West Distance (ft) 1,800.00	East/West Reference FWL	North/South Distance (ft) 1,105.00	North/South Reference FNL

Well Config: VERTICAL - Original Hole, 1/30/2013 8:19:34 AM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
0			
15			
16			
18			
18			
163	163		
496	496		
497	497		
527	527		
528	528	Surface, 9 5/8, 9,001, 15, 513.0	
533	533		
3,240	3,239		OJO ALAMO, 3,240
3,310	3,309		KIRTLAND, 3,310
3,563	3,562		FRUITLAND, 3,563
3,592	3,591		
3,594	3,593		
3,680	3,679		
3,761	3,760		
3,926	3,925		
4,184	4,183		
4,194	4,193		
4,674	4,673		
4,860	4,859		
5,000	4,999		
5,002	5,001		
5,300	5,299		
5,391	5,390		
5,502	5,501		
5,618	5,617		
5,619	5,618		
5,662	5,661		
5,663	5,662		
5,696	5,695		
5,714	5,713		
5,890	5,889		
6,318	6,317		
6,366	6,365		
6,600	6,599		
6,602	6,601		
6,853	6,852		
7,785	7,783		
7,795	7,794		
7,852	7,851		
7,916	7,915		
7,923	7,921		
7,952	7,951		
8,041	8,040		
8,077	8,076		
8,115	8,114		
8,122	8,121		
8,136	8,135		
8,137	8,136		
8,137	8,136		
8,157			
8,159			
8,170			
		Intermediate1, 7, 6:366, 15, 5,647.7	
		PERF - POINT LOOKOUT, 5,714-6,318, 1/23/2013	POINT LOOKOUT, 5,890
			MANCOS, 6,366
			UPPER GALLUP, 6,853
			GREENHORN, 7,852
			GRANEROS, 7,916
			TWO WELLS, 7,952
		PERF - DAKOTA, 7,923-8,122, 1/19/2013	PAGUATE, 8,041
			UPPER CUBERO, 8,077
			LOWER CUBERO, 8,115
		Production1, 4 1/2, 4,000, 15, 8,144.0	

INTEROFFICE MEMO

TO: Records & Regulatory

DATE: 1/7/2013

FROM: Eddie Pippin

LOCATION: Farmington, N.M.

Final Geologic Summary

Well Name & No.: Jicarilla B #8N API: 3003930907

Location: NW Section 25 Twp. 26N Rge. 4W

County & State: Rio Arriba, NM

Elevation: GL 7127 KB 7142

Tops From: X Wireline Log X Mudlog X Correlation

Ojo Alamo	<u>3240</u>	Chacra	<u>4674</u>	Greenhorn	<u>7852</u>
Kirtland	<u>3310</u>	Upper Cliff House	<u>5300</u>	Graneros	<u>7916</u>
Fruitland	<u>3563</u>	Massive Cliff House	<u>5391</u>	Dakota (Two Wells)	<u>7952</u>
Pictured Cliffs	<u>3761</u>	Menefee	<u>5502</u>	Paguate	<u>8041</u>
Lewis	<u>3926</u>	Point Lookout	<u>5890</u>	Cubero	<u>8077</u>
Huerfanito Bentonite	<u>4194</u>	Mancos	<u>6366</u>	Lower Cubero	<u>8115</u>
		Upper Gallup	<u>6853</u>	Oak Canyon	<u></u>
				Encinal	<u></u>
				Burro Canyon	<u></u>
				Morrison	<u></u>
				PBTD	<u></u>
				LTD	<u></u>

Electric Logs Run: GR/CCL/CBL

Well Cored? X No Yes

Well DST'd? X No Yes

Geologist: Eddie Pippin

OIL CONS. DIV DIST. 3

JAN 30 2013