



Schematic Regulatory
PUBCO FEDERAL GAS COM #1F

District NORTH	Field Name MV/DK COM	County SAN JUAN	State/Province NEW MEXICO	API / UWI 3004535369	
Original Spud Date 10/5/2012	Surface Legal Location 014-030N-011W-K	East/West Distance (ft) 1,579.00	East/West Reference FWL	North/South Distance (ft) 1,936.00	North/South Reference FSL

Well Config: DEVIATED - Original Hole, 12/12/2012 1:32:18 PM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
15			RCVD DEC 13 '12 OIL CONS. DIV. DIST. 3
17			
18			
40			
49			
197			
198			
228			
229			Surface, 9 5/8, 9,001, 15, 213.9
234			
249			
288	288		
1,042	1,034		OJO ALAMO, 1,042
1,187	1,174		KIRTLAND, 1,187
2,093	2,007		FRUITLAND, 2,093
2,521	2,392		PICTURED CLIFFS, 2,521
2,730	2,581		1 FMS 2 730
3,364	3,172		HUERFANITO BENTONITE, 3,364
3,387	3,193		
3,396	3,202		
3,662	3,452		CHACRA, 3,662
4,336	4,093		MASSIVE CLIFF HOUSE, 4,336
4,370	4,126		
4,399	4,155		
4,401	4,157		
4,483	4,238		MENEFEE, 4,483
4,654	4,409		
4,655	4,409		
4,698	4,453		
4,698	4,453		
4,700	4,455		
4,720	4,475		
4,910	4,665		
4,911	4,666		
4,912	4,666		
4,942	4,696		
4,969	4,724		
4,970	4,725		
4,986	4,740		POINT LOOKOUT, 4,986
4,990	4,745		
5,000	4,754		
5,362	5,116		
5,404	5,158		
5,699	5,454		
5,701	5,456		
6,217	5,971		UPPER GALLUP, 6,217
6,878	6,632		
6,887	6,642		
6,963	6,717		GREENHORN, 6,963
7,015	6,769		GRANEROS, 7,015
7,070	6,824		TWO WELLS, 7,070
7,145	6,899		PAGUATE, 7,145
7,197	6,951		LOWER CUBERO, 7,197
7,263	7,018		ENCINAL, 7,263
7,276	7,030		
7,343	7,097		
7,349	7,103		
7,350	7,104		
7,369			
7,370			
7,385			
		Production 1, 4-1/2, 4,000, 15, 7,355.0	

INTEROFFICE MEMO

TO: Records & Regulatory

DATE: 11/6/2012

FROM: Sharon Nez

LOCATION: Farmington, N.M.

Final Geologic Summary

Well Name & No.: Pubco Federal Gas Com 1F API: 3004535369

Location: SW Section 14 Twp. 30N Rge. 11W

County & State: San Juan, New Mexico

Elevation: GL: 5973' KB: 5988'

Tops From: ☒ Wireline Log ☒ Mudlog ☐ Correlation

Ojo Alamo	1042'	Chacra	3662'	Greenhorn	6963'
Kirtland	1187'	Upper Cliff House	4236'	Graneros	7015'
Fruitland	2093'	Massive Cliff House	4336'	Dakota (Two Wells)	7070'
Pictured Cliffs	2521'	Menefee	4483'	Paguate	7145'
Lewis	2730'	Point Lookout	4986'	Upper Cubero	7197'
Huerfano Bentonite	3364'	Mancos	5404'	Lower Cubero	7197'
		Upper Gallup	6217'	Oak Canyon	n/a
				Encinal	7263'
				Burro Canyon	nde
				Morrison	
				DTD	7385'
				LTD	7342'

Electric Logs Run: Cement Bond Log

Well Cored? ☒ No ☐ Yes

Well DST'd? ☒ No ☐ Yes

Geologist: Sharon Nez