

Well San Juan 28-5 Unit #83		Land Office Federal		Lease Number SF 080516	
Location 1150'S, 1150'W, Sec. 16, T-28-N, R-5-W					
				County Rio Arriba	State New Mexico
Formation Dakota				Field Basin Dakota	

POTENTIAL	1	2	FORMATIONS	TOPS	SCHEMATIC
Formation	Dakota		Pictured Cliffs	3074	
Test Date	9-2-69		Mesa Verde	5336	
AOF	5970		Point Lookout	5696	
Ck. Vol.	4580		Gallup	6494	
BOPD			Greenhorn	7651	
GOR			Graneros	7706	
SIPT	818		Dakota	7842	
SIPC	2551				
IBHP					
Elev.	6641' GL				
Spud Date	7-24-69				7" @ 3765'
Completion Date	9-2-69				7848-58'
Logs and Surveys	I-EL, GDC, Temp. Survey				7910-30'
					7948-58'
					2 3/8" @ 7982'
					7982-87'
					4 1/2" @ 8004'
STIMULATION FORMATION	TYPE				
Dakota	Perf & S/W Frac				
DRILLING CONTRACTORS					
Pico Drilling Company			DST No.		Show csg., cmt. top, tbg., pkrs., plugs, depth, perfs., seating nipples, etc.
			Cores No.		

WELL COMPLETION LOG

Form 22-5 (Rev. 2-62)

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(Show details of tubular goods, bottom hole accessories, DST's, Cores, Deviations, and General Chronological History).

7-24-69 Rigged up Pico Drilling Co. rig #3, spudded well, drilled surface hole.
7-25-69 Ran 7 joints 9 5/8", 32.30#, H-40 casing (214') set at 227' w/165 sacks of cement circulated.
7-26-69 Drilling w/treated water.
7-29-69 Drilling w/mud from approximately 3370'.
7-30-69 Ran 118 joints 7", 20#, J-55 casing (3753') set at 3765' w/200 sacks of cement.
7-31-69 Drilling w/gas from 3765'.
8-4-69 Drilled into gas zone at 7293', est. 12,000 MCF/D, drilled to 7307', mudded up. Killed well.
8-5-69 Drilling w/mud, lost circulation at 7332', mixing mud and LCM.
8-6-69 Drilling, lost returns at 7417', mixed mud and LCM, drilling.
8-7-69 Drilling (7 hrs. LCT) at 7547'.
8-8-69 Mixed mud and LCM, drilling.
8-10-69 Drilling, had to mix mud and LCM at 7809'.
8-11-69 Drilling, 25% LCM.
8-13-69 Lost cones off bit #14 at 7902', recovered cones, drilling, 29% LCM.
8-15-69 Lost circulation at 7983', mixed mud and LCM, drilling.
8-16-69 Reached total depth of 8004', logged well.
8-17-69 T.D. 8004', ran 249 joints 4 1/2", 11.6 & 10.5#, N-80 and J-55 production casing. Float collar at 8003', second stage tool at 5972', cemented first stage w/160 sacks of cement, second stage w/175 sacks of cement. W.O.C. 18 hours.
8-18-69 P.B.T.D. 8000'. Perf. 7848-58', 7910-30', 7948-58', 7982-87' w/20 SPZ. Sand water frac w/50,000# 40/60 sand, 49,900 gal. water, flushed w/5400 gal. water, dropped 3 sets of 20 balls.
8-19-69 Blew well and ran 257 joints 2 3/8", 4.7#, J-55 tubing (7972') landed at 7982' w/SN 1 joint off bottom.
9-2-69 Date well was tested.

