

ENERGEN RESOURCES

Pertinent Data Sheet

Date: 7/10/2007 **Well Name:** Navajo D #1 **API#:** 30-045-06868 **DP#:**
Unit: F **Sec:** 1 **Twp:** 27N **Rge:** 13W **Footage:** 1850' FNL & 1850' FWL
County: San Juan **State:** NM **Spud:** 6/28/1960 **Completed:** 6/29/2007
Field: Basin Fruitland Coal **Elev:** 5844' **TD:** 6179' **PBTD:** 1480' **KB:** 12'
Perfs: 1326-32' & 1359-71' w/ 3-1/8" guns loaded w/ 4 SPF for a total of 72 - 0.43 holes w/ 22 gram charges

Frac: 1326-71' - 76,661 gals 70Q Foam, 13 CP Linear Gel, 5100 lbs 40/70 sand & 80,700 lbs 2040 sand. ATR - 40.8 bpm, ATP - 1658 PSI. Max sand conc - 4.04 ppg

Hole Size	Casing Size	Weight & Grade	Depth Set	Cement	TOC
12-1/4"	9-5/8"	36# H-40	303'	175 sx	Surface
7-7/8"	4-1/2"	9.5# J-55	6180'	355 sx (1400' - Surface)	Surface

Tubing Size	# Joints	Weight & Grade	Depth Set	Seat Nipple	Packer
2-3/8"	44	4.7# J-55	1443'	1402'	

Rod & Pump Record: 2 x 1-1/4" x 6 x 8 x 11 Pump, 4 - 1-1/4" sinker bars, 1-4' pony rod

Rod Size	# Rods	Length	Grade
3/4"	51	1275'	D

Log Record: IEL, Sonic, Microlog, GR-CCL-CBL; RST

Formation Tops:

Ojo Alamo		Menefee	
Kirtland		Point Lookout	3844'
Fruitland	1325'	Mancos	4152'
Pictured Cliffs	1400'	Gallup	5065'
Lewis		Graneros	
Cliffhouse	2950'	Dakota	5955'

Work History: 5/2007 - Plugged Dakota well back to the Fruitland Coal. Set balanced cement plugs over the DK (5748'-5848'), GL (4947'-5047'), and MV (2200'-2308'). Perf @ 1400' and try to cement to surface. Got above surface shoe and lost circulation. Pump 75 sks cement down Bradenhead to top cement off.