

## Daily Summary

API/UWI 300392695200	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-27N-7W-11-E	N/S Dist. (ft) 1935.0	N/S Ref. N	E/W Dist. (ft) 845.0	E/W Ref. W
Ground Elevation (ft) 6563.00	Spud Date 5/25/2002	Rig Release Date 6/1/2002	Latitude (DMS) 36° 35' 26.8584" N	Longitude (DMS) 107° 32' 56.3712" W			

Start Date	Ops This Rpt
6/29/2002 00:00	HELD SAFETY MEETING. RU B J SERVICES. FRAC'D THE CLIFFHOUSE. TESTED LINES TO 5071 #. SET POP OFF @ 3835#. DROPPED 20 BALL SEALERS @ 1 BALL PER BBL AND 2 BALLS PER BBL FOR THE REMAINING 20 BALL SEALERS @ 20 BPM @ 1088 #. A TOTAL OF 40 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3690 #. SHUT DOWN FOR 1 HR. WAITED ON BIO BALLS. PUMPED PRE PAD @ 32 BPM @ 2154 #. STEPPED DOWN RATE TO 24 BPM @ 1509 #. STEPPED DOWN RATE TO 15 BPM @ 1040 #. STEPPED DOWN RATE TO 8 BPM @ 704 #. ISIP 525 #. 5 MIN 0 #. FRAC'D THE CLIFFHOUSE W/ 65 Q 25 # LINEAR FOAM, 72,840 # 20/40 BRADY SAND, 760,000 SCF N2 & 882 BBLS FLUID. AVG RATE 35 BPM. AVG PRESSURE 2253 #. MAX PRESSURE 2358 #. MAX SAND CONS 2 # PER GAL. ISIP 1630 #. FRAC GRADIENT .55. SWI. RD B J SERVICES.
7/11/2002 00:00	Held safety mtg. SICP=625# MI and spot equipment. RU unit and equipment. Bleed well down. ND frac valve. NU BOP. Test BOP. 250# low side, 5000# high side. Test was good. RU blooie lines. Secure well and SDFN.
7/12/2002 00:00	Held safety mtg. SICP=350#. Bleed well down. TIH picking up w/ retrieving head and 153 jts 2 3/8" tbg. Tag fill @ 4837'. Build air mist and circulate. C/O to 4842'. Circulate clean. TOOH w/ 6 jts. Secure well and SDFN.
7/13/2002 00:00	Held safety mtg. SICP= 525#. Bleed csg. down. TIH w/ 6 jts and tag fill @ 4932'. Clean out to RBP @ 4962'. Circulate clean. Latch onto plug and release. TOOH w/ 157 jts 2 3/8" tbg. and LD RBP. PU overshot and 150 jts 2 3/8" tbg. Secure well and SDFN.
7/15/2002 00:00	Held safety mtg. SICP= 550#. Bleed csg. down. TIH w/ 15 jts tbg. and Tag fill @ 5206'. C/o to setting tool w/ 2 jts. Circulate clean. Latch onto and POOH w/ 167 jts tbg. and LD setting tool and color locator. PU 3 7/8" junk mill and TIH w/ 150 jts tbg. Secure well and SDFN.
7/16/2002 00:00	Held safety mtg. SICP=525#. Bleed csg. down. TIH w/ 17 jts and tag fill @ 5265'. Clean out to plug @ 5290'. Circulate clean. PU swivel and drill composite plug. TIH w/ 2 jts and tag fill @ 5500'. C/O w/ 3 jts to CIBP @ 5600'. Circulate clean. TOOH w/ 27 jts. Secure well and SDFN.
7/17/2002 00:00	Held safety mtg. SICP= 650# Bleed csg. down TIH w/ 27 jts and tag fill @ 5586'. Blow well around. TOOH w/ 27 jts. to 4852' w/kb. Flow test MV formation on 1/2" choke. TEST IS AS FOLLOWS: MV PERFS TESTED ARE- 4803'-5504' Tbg. SET @ 4852' W/KB TESTED ON 1/2" CHOKE W/ COEFICIENT OF 6.6 FTP= 240# SICP= 450# MV PRODUCTION= 1584 MCFPD 1 BWPD .5 BOPD 0 BCPD NO SAND PRODUCTION TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES. TIH w/ 27 jts and drill plug @ 5600'. TIH w/ 63 jts and tag fill @ 7585'. C/O to PBTD of 7660'. Circulate clean. TOOH w/ 92 jts. Secure well and SDFN.
7/18/2002 00:00	Held safety mtg. SICP=650#. Bleed csg down. TOOH w/ 150 jts and LD mill. PU MS,SN and TIH w/ 242 jts 2 3/8" tbg. and tag fill @ 7640' (20' fill). C/O to PBTD of 7660'. Circulate clean. POOH w/ 13 jts to get above above perfs. Secure well and SDFN.
7/19/2002 00:00	Held safety mtg. SICP= 850#. Bleed csg. down. TIH w/ 13 jts and tagged fill @ 7654'. ( 6' fill). PUH w/ 6 jts and land tbg. @ 7505' w/ kb. RD BOP. RU Master valve. Get flowing up tbg. and DHC test. TEST IS AS FOLLOWS: PERFS TESTED ARE- MV 4803'-5504', DK 7406'-7633' Tbg LANDED @ 7505' W/KB FTP=310# SICP= 700# DHC PRODUCTION= 2046 MCFPD 2 BWPD 0 BOPD 0 BCPD NO SAND TEST WITNESSED BY T./ MONK W/ KEY ENERGY SERVICES  RD unit and equipment. Turn over to operator and EPNG for product on.