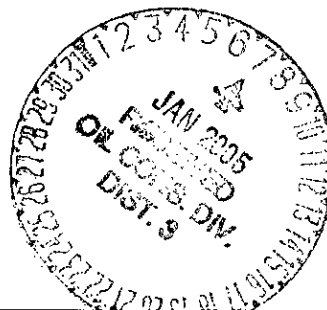


Daily Summary

API/UWI 300392771600	County RIO ARriba	State/Province NEW MEXICO	Surface Legal Location NMPM-29N-05W-16-M	N/S Dist. (ft) 150.0	N/S Ref. S	E/W Dist. (ft) 500.0	E/W Ref. W
Ground Elevation (ft) 6650.00	Spud Date 11/08/2004	Rig Release Date 11/18/2004	Latitude (DMS) 36° 43' 7.536" N	Longitude (DMS) 107° 22' 9.984" W			

Start Date	Ops This Rpt
11/22/2004 08:00	PJSM, RU SCHLUMBERGER WIRELINE AND WOOD GROUP TEST UNIT. RIH W/ CBL /GR/CCL TOOLS. PRESSURE CSG TO 500#. PULL LOG FROM 6161' TO 2750' TOC @ 2975'. POOH PRESSURE TEST CSG TO 4300#. TEST WAS GOOD. RD WOODGROUP. RIH W/ TDT/GR/CCL TOOLS. PULL TDT FROM 6161' TO 2650'. CONTINUE GR/CCL TO SURFACE. RD SCHLUMBERGER. SECURE WELL SDFN.
11/22/2004 15:00	HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE MV W/ 3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5470' - 5480' W/ 1/2 SPF, 5541' - 5545' W/ 1/2 SPF, 5629' - 5633' W/ 1/2 SPF, 5720' - 5724' W/ 1/2 SPF, 5789' - 5801' W/ 1/2 SPF, 5831' - 5837' W/ 1/2 SPF, 5858' - 5866' W/ 1/2 SPF. A TOTAL OF 31 HOLES W/ 0.34 DIA. SWI. RD BLUE JET.
12/17/2004 10:00	HELD SAFETY MEETING. RU BJ SERVICES. FRAC'D THE MESAVERDE TESTED LINES TO 5300 #. SET POP OFF @ 3900 #. BROKE DOWN FORMATION @ 4 BPM @ 1605 #. PUMPED PRE PAD @ 40 BPM @ 1035 #. STEPPED DOWN RATE TO 35 BPM @ 920 #. STEPPED DOWN RATE TO 28 BPM @ 786 #. STEPPED DOWN RATE TO 23 BPM @ 373 #. STEPPED DOWN RATE TO 19 BPM @ 0 #. ISIP 0 #. PUMPED 1000 GALS OF 15% HCL ACID @ 13 BPM @ 60 #. FRAC'D THE MV W/ 65 Q SLICK FOAM W/ 1 G/MG FR, 5000 # OF 14/30 LITEPROP 125 SAND, 10,000 # of 14/31 LITEPROP 125, 25,000 # of 14/32 LITEPROP 125, 7000 # of 14/33 LITEPROP 125 AND 2100 # OF 20/40 BRADY SAND. A TOTAL OF 49,100 # SAND PUMPED. 2,740,082 SCF N2 & 1840 BBLs FLUID. AVG RATE 65 BPM. AVG PRISURE 3044 #. MAX PRESSURE 3324 #. MAX SAND CONS 1.5 # PER GAL. ISIP 2169 #. FRAC GRADIENT .44. RAN 3 ISOTOPE. RAN SCADIUM IN THE .10 & .20. RAN IRRIDIUM IN THE .50 RAN ANTIMONY IN THE 70 # SWI. RD BJ SERVICES. STARTED FLOWBACK.
12/23/2004 07:30	SICP- 500 Psi Hold PJSA meeting with crews. Talked about conducting safe operations for the day. Safety topics covered included first aid, using ground guides, tag lines, pinch points, using tools correctly, watching for trapped pressure, trip hazards, safely rigging up, laying blooie line assembly, BOP testing. Moved Key #11 onto location. Start rigging up unit and all equipment. Hauled in tubing trailer with new 2 3/8" tubing. Killed well with 30 bbls of 2% kcl water. Installed bull-plugged tubing hanger assembly. Secure lockdown pins. Nipple down Frac valve and spool assembly. Nipple up BOP assembly and blooie line assembly. Test BOP blind and pipe ram assemblies with a low (250 Psi for 10 min.) and a high (2,000 Psi for 15 min.) test. Tests were successful. Close in blind rams, secured well and lease. Drained all lines and rig pump. Shutdown operations for the Holiday weekend.
12/28/2004 07:15	SICP- 470 Psi Hold PJSA meeting with crew. Talked about conducting safe operations for the day. Safety topics included first aid, fall protection, pinch points, using tools correctly, watching for trapped pressure, lifting safely, and other safety topics. Also outlined planned job operations. Blowdown well thru 1/2" choke assembly to flowback pit. Killed well with 40 bbls of 2% kcl water. Installed new stripping rubber into stripping head. Start into well with 1- .92' x 2 3/8" Mule shoe with expendable check, 1- .83' x 1.81" I.D. x 2 3/8" F-Nipple, new 2 3/8" tubing drifted per COPC policy. Tagged sand fill at 6,060' K.B. Rig up air unit lines to tubing. Test air lines to 1,400 Psi. Start air at 1,200 CFM with 5 BPH foam/mist. Cleaned out to 6,164' K.B. Continued with air until returns were clean. Well made very light fluid and minimal sand. Shutdown air unit. Pulled tubing to 5,278 (string float). Installed TIW valve, closed in pipe rams, casing valves. Secured lease. Shutdown operations for the day.



Daily Summary

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Ground Elevation (ft) 6650.00	Spud Date 11/08/2004	Rig Release Date 11/18/2004	Latitude (DMS) 36° 43' 7.536" N	Longitude (DMS) 107° 22' 9.984" W			

Start Date	Ops This Rot
12/29/2004 07:15	<p>SICP- 440 Psi</p> <p>Hold PJSA meeting with crew. Talked about conducting safe operations for the day. Safety topics included first aid, fall protection, pinch points, using tools correctly, watching for trapped pressure, lifting safely, and other safety topics. Also outlined planned job operations and hazards of operations.</p> <p>Blowdown casing pressure into flowback tank. Attempt to blow down tubing, tubing would not die. Expendable check possibly leaking, not holding pressure. Kill tubing with 5 bbls of 2% kcl water.</p> <p>Trip tubing to 6,160' K.B. to unload any fluid. Drop ball to pump out expendable check. Start with 8 bbls of 2% kcl water, followed with air at 1,200 CFM with 3 BPH foam/mist. Pressure went to 800 Psi. and did not fall. Had some flow from blooie line. Expendable check may have debris blockage or a possible hole in tubing. Tripped 2 3/8" tubing out of well to inspect mule shoe, tubing.</p> <p>Came out of well with tubing. The expendable check had been pumped out, tubing did not have any visible holes. Trip tubing back into the well with a new bottomhole assembly (2 3/8" Mule shoe with expendable check, 1.81" I.D. F-Nipple) .</p> <p>Tripped tubing to 6,160'. Drop ball to pump out check. Pump off expendable check with 8 bbls of 2% kcl behind ball, follow with air at 1,200 CFM with 3 BPH foam/mist. At 1,000 Psi shutdown air unit. Pressure test tubing for 15 minutes. Tested good. Resumed air/mist and pumped off check at 1,250 Psi surface. Continued with air to clean up any fluid returns. 600 Psi avg.</p> <p>Shutdown air unit, pulled 2 3/8" tubing to 5,278'. Installed TIW valve, closed pipe rams, casing valves. Drained all lines of fluid. Secured lease.</p> <p>Shutdown operations for the day.</p>
12/30/2004 07:15	<p>SICP- 450 Psi</p> <p>Hold PJSA meeting with crew. Talked about possible job hazards and how to avoid hazards. Talked about safely completing planned job operations for the day.</p> <p>Blowdown well into flowback pit. Trip 2 3/8" tubing to 6,164' K.B. No fill was made overnight. Start air unit at 1,200 CFM with 3 BPH foam/mist. Unloaded about 10 bbls of fluid, with no sand. Continued with air until fluid returns were reduced.</p> <p>Shutdown air unit. Tripped 2 3/8" tubing to 5,467'. Installed new 1/2" choke into flowback line. Tested Mesa Verde perms (5,470'-5,866') up tubing/casing annulus to atmosphere thru 1/2" choke. SITP- N/A (string float in tubing), FCP Avg.- 255 Psi. (Choke coefficient: 6.6)</p> <p>Preliminary testing indicated overall Mesa Verde production at 1,683 MCFPD with 5- Bbls water per day, 0- Bbls of Oil per day, with no sand returns. Test was witnessed by Sergio Serna (Rig Operator). Further overall production testing will be conducted by Protechnics Company.</p> <p>Installed TIW valve, closed casing valves, pipe rams. Drained all lines and pump. Secured lease.</p> <p>Shutdown operations for the day.</p>

Daily Summary

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Ground Elevation (ft) 6650.00	Spud Date 11/08/2004	Rig Release Date 11/18/2004	Latitude (DMS) 36° 43' 7.536" N	Longitude (DMS) 107° 22' 9.984" W			

Start Date	Ops This Rot
01/03/2005 07:15	<p>SICP- 450 Psi</p> <p>Hold PJSA meeting with crew. Talked about conducting safe operations for the day. Outlined planned job operations for the day. Covered all safety topics.</p> <p>Blowdown casing into flowback pit. Trip 2 3/8" tubing to 6,164' K.B. No fill was made over weekend. Start air unit at 1,200 CFM with 3 BPH foam/mist. Unloaded 5 bbls of fluid with no sand. Continued with air until returns were reduced.</p> <p>Shutdown air unit. Tripped tubing to 5,278' to test. Kill tubing with 3 bbls of 2% kcl water to remove string float. Install TIW valve and swabbing tee. Rig up flowback line off of tubing into flowback line with a new 1/2" choke installed. Flow well up tubing until ProTechnics, slickline unit were rigged up and ready to start test. Ran slickline gauge ring and tagged fill at 6,164'. Installed ProTechnics spinner survey and after frac log tools onto slickline.</p> <p>Flow tested the Mesa Verde perfs (5,470'- 5,866') thru the spinner survey tools up the tubing to atmosphere thru a new 1/2" choke at surface (Choke coefficient: 6.6). SICP Avg.- 350 Psi. FTP Avg.- 200 Psi. Also ran the after-frac log. Test was witnessed by Sergio Serna (Rig Operator).</p> <p>Preliminary results with a FTP Avg. of 200 Psi would indicate overall Mesa Verde production at 1,320 MCFPD with 5- Bbls water per day, 0- Bbls of Oil per day, with no sand returns. Final results will be verified by production engineer (Lucas Bazan).</p> <p>Finished testing, rig down ProTechnics tools. Check tools to verify data was recorded. Trip in well with 1.81" O.D. slickline plug and set in F-Nipple. Trip slickline out of well, rig down slickline unit, flow tee assembly.</p> <p>Trip into well with 2 3/8" tubing. Install tubing hanger. Kill casing with 10 bbls of 2% kcl water. Land tubing into wellhead. Secure lockdown pins. Tubing landed at 5,794.64' K.B. Top of 1.81" I.D. F-Nipple at 5,792.89' K.B.</p> <p>Closed blind rams, casing valves. Drained all lines of fluid. Secured lease.</p> <p>Shutdown operations for the day.</p>
01/04/2005 06:00	<p>FINAL REPORT</p> <p>SICP- 450 Psi</p> <p>Hold PJSA with crews. Talked about conducting safe operations for the day. Safety topics included first aid, fall protection, pinch points, tag lines, using tools correctly, watching for trapped pressure, lifting safely, tripping hazards on muddy location, and other safety topics. Also outlined planned job operations.</p> <p>Nipple down BOP assembly. Nipple up wellhead assembly. Rigged up Wood Group to test seals in well head. Tested to 3,000 Psi.</p> <p>Rigged up H & H wireline unit to pull plug from F-Nipple assembly at 5,793'. Rigged down slickline unit and released.</p> <p>Flow casing and tubing to flowback pit while starting rig down of completion unit.</p> <p>Shut in all valves on wellhead. Finished rig down of all equipment. Move all equipment except rig off of location. Roads are extremely muddy and slick. Will attempt to move rig off location on 1-5-05.</p> <p>Secured and cleaned lease.</p> <p>Shutdown operations for the day.</p>