30-039-29207

Regulatory Summary

ConocoPhillips

SAN JUAN 29 5 UNIT #053F

Initial Completion, 03/24/2005 00:00

API/Bottom UWI	County	State/Province	Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
300392920700	RIO ARRIBA	NEW MEXICO	NMPM-29N-05W-32-I	2,095.00	S	600.00	E

Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date
6,525.00	36° 40' 50.232" N	107° 22' 23.628" W	03/10/2005	03/18/2005

03/24/2005 06:00 - 03/24/2005 00:00

Last 24hr Summary

HELD PRE-JOB SAFETY MEETING. RU SCHLUMBERGER PRESSURED UP ON CSG TO 1500 #. RAN CBL LOG FROM 7838' TO 2200'. TOP OF CEMENT @ 2460'. RAN RST LOG FROM 7838' TO 2400'. RAN GR/CCL LOG FROM 7838' TO SURFACE. SWI. RD SCHLUMBERGER

04/30/2005 07:00 - 04/30/2005 10:00

Last 24hr Summary

HELD PRE-JOB SAFETY MEETING. RU ISOLATION TOOL. TESTED 4 1/2" CSG TO 6700 # FOR 30 MIN. HELD OK. RD ISOLATION TOOL. SWI.

05/02/2005 14:00 - 05/02/2005 17:00

Last 24hr Summary

Held safety meeting. RU Comutalog. Perforated the Dakota. RIH W/ 3 1/8" 120 degree pp Select fire perforating gun. Perforated from 7707' - 7711' W/ 4 SPF, 7774' - 7789' W/ SPF. A total of 76 holes @ 0.34 DIA. SWI. RD Computalog.

05/05/2005 07:00 - 05/05/2005 18:00

Last 24hr Summary

Held safety meeting. RU Schlumberger & Isolation tool. Fac'd the Dakota. Tested lines to 7700 #. Set pop off @ 6000 #. Broke down formation @ 5 bpm @ 1835 #. Pump pre pad @ 41 bpm @ 2536 #. Stepped down rate to 35 bpm @ 2331 #. Stepped down rate to 30 bpm @ 2063 #. Stepped down rate to 20 bpm @ 1668 #. Stepped down rate to 10 bpm @ 1238 #. ISIP 1429 #. 5 min 592 #. 10 min 287 #. 15 min 85 #. 20 min 0 #. Pumped 1000 gals of 15% HCL acid @ 5 bpm @ 456 #. Frac'd the Dakota w/slickwater @ 1.25 g/mg FR, 35,000 # 20/40 Carbolite sand & 3521 bbls fluid. Avg rate 53 bpm. Avg pressure 3545 #. Max pressure 4156 #. Max sand cons .40 # per gal. ISIP 2417 #. Frac gradient .64. RU Computalog. RIH w/ 4 1/2" composite plug. Set plug @ 5853'. Tested plug to 4800 #. Held ok. Perforated the MV w/ 3 1/8" 90 degree select fire perforating gun. Perforated from 5248' - 5250' w/ 1/2 spf, 5300' - 5306' w/ 1/2 spf, 5328' - 5332' w/ 1/2 spf, 5391' - 5395' w/ 1/2 spf, 5566' - 5570' w 1/2 spf, 5630' - 5638' w/ 1/2 spf, 5654' - 5662' w/ 1/2 spf, 5672' - 5674' w/ 1/2 spf, 5686' - 5694' w 1/2 spf,5740'- 5744' w/ 1/2 spf,5749'- 5753 w/ 1/2 spf. A total of 38 holes w/ 0.34 dia. RD Computalog. Frac'd the Mesaverde. Tested lines to 7000 #. Set pop off @ 6000 #. Broke down formation @ 5 bpm @ 2118 #. Pumped pre pad @ 30 bpm @ 1240 #. Stepped down rate to 25 bpm @ 736 #. Stepped down rate to 20 bpm @ 344 #. Stepped down rate to 15 bpm @ 0 #. ISIP 0 #. Pumped 1000 gals of 15% HCL acid @ 5 bpm @ 0 #. Frac'd the Mesaverde w/ 60 Q slick foam w/ 1 g/mg FR, 200,000 # 20/40 Brady sand, Treated the last 15% of proppant volume with propnet for proppant flowback control, 2,190,1009 SCF N2 & 2231 bbls fluid. Avg rate 65 bpm. Avg pressure 3276 #. Max pressure 3932 #. Max sand cons 1.50 # per gal. ISIP 2434 #. Frac gradient .44. SWI. RD Schlumberger & Isolation tool. Started flowback.

06/22/2005 12:15 - 06/22/2005 17:45

Last 24hr Summary

SICP- 460 Psi
Bradenhead- 0 Psi
Hold PJSA meeting with crew. Talked about conducting safe rig move, rig up operation. Talked about hazards of planned operations, and how to avoid those hazards. Outlined safety topics related to planned operations. Move on location with completion unit and associated equipment. Spot and rig up unit, equipment. Spot tubing trailer onto location. Secured lease. Shutdown operations for the day.

06/23/2005 07:15 - 06/23/2005 17:45

Last 24hr Summary

SICP- 460 Psi
Bradenhead- 0 Psi
Hold PJSA meeting with crew. Talked about conducting safe job operations. Talked about hazards of planned operations, and how to avoid those hazards. Outlined safety topics related to planned operations. Rig up line to casing valve on well. Kill well with 20 bbls of 2% kcl water. Installed tubing hanger with BPV. Secured lockdown pins. Nipple down Frac valve, spool assembly. Install BOP assembly. Pressure test BOP blind and pipe rams with a low (250 Psi- 10 min.) and a high (2,500 Psi- 30 min.) test. Tests were successful. Rig up floor assembly. Rig up blooie line tee onto BOP assembly. Rig up Blooie line assembly and set concrete anchors with L & R crew. Well flowing back kill water thru flowback line. Kill well with 20 bbls of 2% kcl water. Remove tubing hanger assembly. Nipple up BHA assembly. Install new stripping rubber. Start into well with 1- .92' x 2 3/8" Mule shoe, 1- .85' x 1.81" I.D. F-Nipple with Baker plug, 2 3/8" tubing tallied from tubing trailer. Well unloading kill fluid while tripping into well. Tripped tubing to 5,032'. Installed TIW valve onto tubing, closed pipe rams. Secured lease. Shutdown operations for the day.

06/24/2005 07:15 - 06/24/2005 18:15

Last 24hr Summary

SICP- 540 Psi
Bradenhead- 0 Psi
Crew held PJSA meeting on location. Talked about conducting safe job operations. Talked about upcoming slickline operation. Talked about hazards of planned operations, and how to avoid those hazards. Outlined safety topics related to planned operations. Rig up Expert Slickline unit. Pump 4 bbls of 2% kcl water down tubing. Run in with slickline to pull Baker plug from F-Nipple. Could not pull plug, possible rust, trash on plug. Had to make a total of 6 runs. 2- with pressure disc puncturing tool, 2- bailer runs to cleanout trash on top off plug, 2- with plug pulling tool. Pulled plug. Rig down and released slickline unit. Kill tubing with 4 bbls 2% kcl water. Removed TIW valve. Install string float. Trip into well with tubing and tagged fill or bridge at 5,750' (103' of fill on bridge plug). Rig up air unit to tubing. Pressure test air lines to 1,400 Psi. Tested good. Start air unit at 1,200 CFM with 5 BPH foam/mist. Cleaned out to 5,853'. Well made light sand and light fluid returns. Continued with air until returns were clean and reduced. Shutdown air unit, trip 2 3/8" tubing to 5,503' to test Mesa Verde zone. Rig up flowback line. Installed new 1/2" choke into flowback line. Flow tested Overall Mesa Verde zone (5,248'- 5,753') up tubing/casing annulus to atmosphere thru 1/2" choke. FCP Avg.- 300 Psi. (Choke coefficient: 6.6) Testing indicated Mesa Verde production at 1,980 MCFPD with 2.0- Bbls water per day, 0- Bbls of Oil per day, with no sand returns. Test was witnessed by Sergio Serna (Rig Operator). Test complete, trip 2 3/8" tubing above Mesa Verde perfs to 5,240'. Install TIW valve, close and lock pipe rams. Secured lease. Shutdown operations for the day.

06/27/2005 07:15 - 06/27/2005 18:15

Last 24hr Summary

SICP- 550 Psi
Bradenhead- 0 Psi
Held PJSA meeting on location. Talked about conducting safe job operations. Talked about upcoming slickline, testing operations. Talked about hazards of planned operations, and how to avoid those hazards. Outlined safety topics related to planned operations. Blowdown well into flowback pit. Trip in with 2 3/8" tubing to tag fill. Tagged fill at 5,843' (10' of fill). Rig up and start air at 1,200 CFM with 5 BPH foam/mist. Cleaned out to 5,853'. Well unloaded light fluid and light sand. Continued with air until returns were clean. Shutdown air unit. Trip 2 3/8" tubing to 5,032' to test Mesa Verde zone. Kill tubing with 4 bbls of 2% kcl water. Remove string float, install TIW valve and swabbing tee. Rig up flowback line off of tubing with a new 1/2" choke installed. Rig up slickline unit and tools. Ran in with end of tubing tools. Tagged bridge plug at 5,853', end of tubing at 5,032'. Installed ProTechnics spinner survey logging tools onto slickline. Flow tested the Mesa Verde perfs (5,248'- 5,753') thru the spinner survey tools up the tubing to atmosphere thru a 1/2" choke at surface (Choke coefficient: 6.6). SICP Avg.- 430 Psi. FTP Avg.- 270 Psi. Mesa Verde spinner survey results will be verified by production engineer (Lucas Bazan). Finished testing, check tools to verify data was recorded. Set plug in F-Nipple. Rig down, release slickline unit and tools. Close in and secured well. Secured lease. Shutdown operations for the day.

06/28/2005 07:15 - 06/28/2005 17:30

Last 24hr Summary

SICP- 550 Psi
Bradenhead- 0 Psi
Held PJSA meeting on location. Talked about conducting safe job operations. Talked about upcoming drilling, cleanout operations. Talked about hazards of planned operations, and how to avoid those hazards. Outlined safety topics related to planned operations. Blowdown well into flowback pit. Start tripping 2 3/8" tubing out of the well. Kill casing with 20 bbls of 2% kcl water to trip out last 10 stands. Out of well with tubing, nipple down BHA. Nipple up milling assembly. Install new stripping rubber. Start into well with 1- 3.875" O.D. x 2.68' Three Bladed Mill, 1- 2 3/8" x 1.81' Bit sub, 1- 2 3/8" x .90' string float, and 2 3/8" tubing from derrick. Tag fill or bridge at 5,820' (33' of fill on plug). Rig up air unit, start air at 1,200 CFM with 5 BPH foam/mist to unload well. Well made light fluid, light sand. Fill was a 5' bridge. Cleaned out to the top of plug at 5,853'. Increased mist to 8 BPH to mill thru plug. Noticed a increase in blooie lines returns when plug was drilled, well also made light Dakota frac sand, and fluid with a slight trace of oil. Continued with air/mist until returns were reduced. Cleaned out to 5,917'. Shutdown air unit. Trip in with tubing to 7,396'. Rig up air unit, start air at 1,200 CFM with 5 BPH foam/mist to unload well. Well made light fluid, light sand. Had lightning storm in the area. Shutdown tripping, cleanout operation. Install TIW valve, close pipe rams. Secured lease.

Shutdown operations for the day.

06/29/2005 06:30 - 06/29/2005 18:00

Last 24hr Summary

SICP- 540 Psi
Bradenhead- 0 Psi
Held PJSA meeting on location. Talked about conducting safe job operations. Talked about upcoming , cleanout, tripping operations. Talked about hazards of planned operations, and how to avoid those hazards. Outlined safety topics related to planned operations. Blowdown well into flowback pit. Trip into well to tag fill. Tagged fill at 7,775' (63' on PBTD). Rig up air unit to tubing. Start air at 1,200 CFM with 5 BPH foam/mist to unload well. Well made light fluid, medium Dakota frac sand. Cleaned out to 7,865'. Continued with air/mist until returns were clean. Shutdown air unit. Rig down air unit, power swivel assembly. Start tripping 2 3/8" tubing, mill assembly out of the well. Kill well with 20 bbls of 2% kcl water to trip out last 10 stands. Out of well with tubing, nipple down milling assembly. Nipple up BHA. Install new stripping rubber. Start into well with 1- .92' x 2 3/8" Mule shoe with expendable check, 1- .85' x 1.81" I.D. x 2 3/8" F-Nipple, 2 3/8" tubing from derrick, drifting per COPC policy. Tripped tubing to 1,730'. Installed TIW valve, closed pipe rams. Secured lease. Shutdown operations for the day.

06/30/2005 07:15 - 06/30/2005 18:30

Last 24hr Summary

SICP- 530 Psi
Bradenhead- 0 Psi
Held PJSA meeting on location. Talked about conducting safe job operations. Talked about upcoming , cleanout, testing operations. Talked about hazards of planned operations, and how to avoid those hazards. Outlined safety topics related to planned operations. Blowdown well into flowback pit. Trip into well to tag fill. Tagged fill at 7,845' (10' on 7,865'). Rig up air unit to tubing. Start air at 1,200 CFM with 5 BPH foam/mist to unload well. Well made light fluid, light Dakota frac sand. Cleaned out to 7,865'. Continued with air/mist until returns were clean. Shutdown air unit. Trip 2 3/8" tubing to 7,612'. Kill tubing with 4 bbls of 2% kcl water, remove string float. Dropped ball to pump out check assembly. Install TIW valve. Rig up air to tubing. Pump off check with 6 bbls of 2% kcl behind ball, follow with air at 1,200 CFM with 5 BPH foam/mist. At 1,000 Psi, shutdown air unit. Test tubing for 15 minutes. Tested good. Resumed air/mist and pumped off check at 1,150 Psi surface. Continued with air/mist to clean up returns. Shutdown air, rig down off tubing. Rig up flowback line onto tubing with a 1/2" choke. Rig up slickline unit, tools. Ran slickline end of tubing tool to 7,865', end of tubing at 7,612'. Installed ProTechnics spinner log tool onto slickline. Flow tested the Dakota perfs (7,707'- 7,789') thru the spinner tools up the tubing to atmosphere thru a 1/2" choke at surface (Choke coefficient: 6.6). SICP Avg.- 470 Psi. FTP Avg.- 55 Psi. Dakota spinner results will be verified by engineer (Lucas Bazan). Well was making about 20 gals. fluid per hour during the spinner test. Finish test, check tools to verify data was recorded. Rig down slickline unit, tools. Close TIW valve, pipe rams. Secured lease. Shutdown operations for the day.

07/01/2005 07:15 - 07/01/2005 17:30

Last 24hr Summary

SICP- 530 Psi

Crew held PJSA meeting on location. Talked about conducting safe job operations. Talked about hazards of planned operations, and how to avoid those hazards. Outlined safety topics related to planned operations. Blowdown well into flowback pit. Kill tubing with 4 bbls 2% kcl water. Installed string float. Trip into well to tag fill. Tagged fill at 7,863' (2' on 7,865'). Rig up air unit to tubing. Start air at 1,200 CFM with 5 BPH foam/mist to unload well. Well made light fluid, light Dakota frac sand. Cleaned out to 7,865'. Continued with air/mist until returns were clean. Shutdown air unit. Laydown 3 joints of tubing to land tubing at 7,782.34' K.B. Kill tubing with 4 bbls of 2% kcl water. Remove string float, install tubing hanger with BPV. Kill casing with 15 bbls of 2% kcl water. Land tubing hanger into wellhead, secured lockdown pins. Nipple down BOP assembly. Nipple up wellhead assembly. Tested wellhead seals to 3,000 Psi. Tested good. Talked with engineering (J.Pusch). May possibly need to rerun spinner log test on Dakota zone. Due to fluid production during spinner testing. Shutdown rig down operations. Nipple down wellhead assembly, nipple up BOP assembly. Pressure test BOP blind and pipe rams with a low (250 Psi- 10 min.) and a high (2,500 Psi- 30 min.) test. Tests were successful. Pull BPV from tubing hanger. Pull tubing hanger assembly. Trip into well to 7,865', no fill made. Rig up air unit to unload well. Start air at 1,200 CFM with 5 BPH foam/mist to unload well. Well made light fluid, light Dakota frac sand. Continued with air/mist until returns were clean. Shutdown air unit. Trip tubing to 7,612' to flow test the Dakota up the tubing. Rig up TIW valve, and testing assembly. Install a 1/2" choke. Open up tubing. FTP Avg. 50 Psi, SICP- 500 Psi. Well was continuing to slug fluid during flow test. Estimated 30 gals. per hour. Shut in, secure well and lease. Shutdown operations for the Holiday weekend.

07/05/2005 06:00 - 07/05/2005 17:00

Last 24hr Summary

FINAL REPORT
SICP- 550 Psi
SITP- 600 Psi

Crew held PJSA meeting on location. Talked about conducting safe job operations. Talked about hazards of planned operations, and how to avoid those hazards. Outlined safety topics related to planned operations. Blowdown well into flowback pit. Kill tubing with 4 bbls 2% kcl water. Installed string float. Trip into well to tag fill. Tagged fill or bridge at 7,855' (10' on 7,865'). Rig up air unit to tubing. Start air at 1,200 CFM with 5 BPH foam/mist to unload well. Fill was a bridge. Cleaned out to 7,865'. Well made light fluid, light Dakota frac sand. Continued with air/mist until returns were clean. Shutdown air unit. Laydown 3 joints of tubing to land tubing at 7,782.34' K.B. Kill tubing with 4 bbls of 2% kcl water. Remove string float, install tubing hanger with BPV. Kill casing with 15 bbls of 2% kcl water. Land tubing hanger into wellhead, secured lockdown pins. Tubing landed at 7,782.34' K.B. Top of 1.81" I.D. F-Nipple at 7,780.57' K.B. Nipple down BOP assembly. Nipple up wellhead assembly. Wood Group tested wellhead seals to 3,000 Psi, removed BPV from hanger. Start rigging down unit and all equipment. Let well flow up casing and then tubing until oxygen content was less than 1%. Shut well in. Location cleaned and secured. Operations completed. Dakota spinner log results have been verified by the production engineering group. Dakota production results are as follows: 319- MCFPD, 2.8- Bbls water per day, 0- Bbls oil per day. Will move rig and equipment off location on 7-06-05. Will notify facilities supervisor of completion of services on 7-06-05.