Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMSF078278

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr,.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no. NMNM78416B A

2. Name of Operator: ConocoPhillips Co.

8. Lease Name and Well No.: San Juan 29-6 Unit 90M

3. Address: P.O. Box 2197, WL3-6081 Houston Tx 77252

3.a Phone No. *(Include area code)*: (832)486-2463

9. API Well No.: 30-039-27560

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At Surface Sec 15 T29N R6W NENW 1295 FNL 2325 FWL

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory: Blanco Mesaverde/Basin Dakota

11. Sec., T., R., M., on Block and Survey or Area: Sec 15 T29N R6W

12. County or Parish: Rio Arriba

13. State: NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed ☐ D & A ☒ Ready to Prod.	17. Elevations (DF, RKB, RT, GL)*
12/12/2004	12/20/2004	04/12/2005	6593' GL

18. Total Depth: MD 8008 TVD	19. Plug Back T.D.: MD 8003 TVD	20. Depth Bridge Plug Set: MD TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
CBL; TDT; GR/CCL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625 H40	32.3	0	229		150		0	
8.75	7 J-55	20	0	3787		630		0	
6.25	4.5 N-80	11.6	0	8005		465		2580	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7852							

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blanco Mesaverde	5278	5768	5278' - 5521'	.34	38	Open
B)			5566' - 5768'	.34	42	Open
C)						
D)						

27. Acid, Fracture, Treatment, Cement Sqeeze, Etc.

Depth Interval	Amount and Type of Material
5278' - 5521'	Frac'd w/65 Q Slickfoam w/1G/MG FR, 100,000# 16/30 Brady Sand; 1,258,100 SCF N2; 1096 bbls fluid; 100,000# 20/40 Brady Sand; 1,501,300 SCF N2 & 1112 bbls fluid.
5566' - 5768'	Frac'd w/65 Q Slickfoam; 125,000 16/30 Brady sand; 1,520,300 SCF N2; 1420 bbls fluid; 150,000# 20/40 Brady sand; 2,053,300 SCF N2 and 1714 bbls fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4/12/05	4/07/05	24	→	.5	2178	5			Flows from Well

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
1/2	SI 0	330	→					GSI

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
			→					

(See Instructions and spaces for additional data on reverse side)

NMOCD

RECEIVED
070 FARMINGTON NM
2005 APR 25 PM 2
RUN 10 1

ACCEPTED FOR RECORD
APR 26 2005
FARMINGTON FIELD OFFICE
BY

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas : Oil Ratio**	**Well Status**	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas : Oil Ratio**	**Well Status**	

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Vented

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porsity and contents thereof: Cored intervals and all drill-stem tests, inlcuding depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Nacimiento	1468
				Ojo Alamo	2555
				Kirtland	2783
				Fruitland	3188
				Pictured Cliff	3503
				Chacra/Otero	4492
				Cliffhouse	5291
				Pt. Lookout	5664
				Gallup	6970
				Greenhorn	7651
				Lower Cubero	7885

32. Additional remarks (include plugging procedure):

This is a downhole commingled well producing from the Blanco Mesaverde and Basin Dakota.. Wellbore schematic and Daily Summary is attached.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geological Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7. Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Christina Gustartis Title As Agent for ConocoPhillips Co

Signature Chris Gustartis Date 04/20/2005

Title 18 U.S.C. Section 101 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

SAN JUAN 29 6 UNIT #090M — Initial Completion

Daily Summary

API/UWI	County	State/Province	Surface Legal Location	N/S Dist. (ft)	N/S Ref.	E/W Dist. (ft)	E/W Ref.
300392756000	RIO ARRIBA	NEW MEXICO	NMPM-29N-06W-15-C	1295.0	N	2325.0	W

Ground Elevation (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)
6595.00	12/12/2004	12/22/2004	36° 43' 45.804" N	107° 27' 2.7" W

Start Date	Ops This Rpt
12/24/2004 07:00	HELD PRE-JOB SAFETY MEETING. RU SCHLUMBERGER PRESSURED UP CSG TO 1500 #. RAN CBL LOG FROM 7996' TO 2300'. TOP OF CEMENT @ 2580'. RAN TDT LOG FROM 7996' TO 2400'. RAN GR/CCL LOG FROM 7996' TO SURFACE. RD SCHLUMBERGER.
01/02/2005 12:00	HELD PRE-JOB SAFETY MEETING. RU ISOLATION TOOL. TESTED 4 1/2" CSG TO 6700 # FOR 30 MIN. HELD OK. RD ISOLATION TOOL. SWI.
03/21/2005 07:00	HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE DAKOTA. RIH W/ 3 1/8" 120 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 7774' - 7779' W/ 2 SPF, 7846' - 7855' W/ 2 SPF, 7891' - 7897' W/ 2 SPF, 7909' - 7915' W/ 2 SPF, 7928' - 7941' W/ 2 SPF. A TOTAL OF 78 HOLES @ 0.34 DIA. RU ISOLATION TOOL. RU SCHLUMBERGER. FRAC'D THE DAKOTA. TESTED LINES TO 7742 #. SET POP OFF @ 5956 #. BROKE DOWN FORMATION @ 4 BPM @ 2110 #. PUMPED PRE PAD @ 45 BPM @ 3999 #. STEPPED DOWN RATE TO 40 BPM @ 3622 #. STEPPED DOWN RATE TO 30 BPM @ 2990 #. STEPPED DOWN RATE TO 20 BPM @ 2431 #. STEPPED DOWN RATE TO 10 BPM @ 2022 #. ISIP 1764 #. 5 MIN 1372 #. 10 MIN 1204 #. 15 MIN 1062 #. 20 MIN 961 #. 25 MIN 867 #. 30 MIN 773 # PUMPED 1000 GALS OF 15% HCL ACID @ 6 BPM @ 1475 #. FRAC'D THE DAKOTA W/ SLICKWATER @ 1.25 g/mg FR, 40,000 # 20/40 CARBOLITE SAND & 4106 BBLS FLUID. AVG RATE 55 BPM. AVG PRESSURE 4092 #. MAX PRESSURE 4379 #. MAX SAND CONS .40 # PER GAL. ISIP 2243 #. FRAC GRADIENT .66. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET PLUG @ 5870'. TESTED PLUG TO 4800 #. HELD OK. PERFORATED THE LOWER MESAVERDE W/3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5566' - 5572' W/ 1/2 SPF, 5626' - 5632' W/ 1/2 SPF, 5643' - 5649' W/ 1/2 SPF, 5673' - 5685' W/ 1/2 SPF, 5700' - 5716' W 1/2 SPF, 5742' - 5768 W/ 1/2 SPF. A TOTAL OF 42 HOLES W/ 0.34 DIA. SWI.
03/22/2005 07:00	HELD SAFETY MEETING. RU SCHLUMBERGER & ISOLATION TOOL. FRAC'D THE LOWER MV. TESTED LINES TO 5800 #. SET POP OFF @ 4500 #. PUMPED PRE PAD @ 42 BPM @ 196 #. STEPPED DOWN RATE TO 37 BPM @ 76 #. STEPPED DOWN RATE TO 32 BPM @ 0 #. ISIP 0 #. PUMPED 1000 GALS OF 15% HCL ACID @ 10 BPM @ 40 #. FRAC'D THE POINT LOOKOUT W/ 65 Q SLICK FOAM W/ 1 G/MG FR, 125,000 # OF 16/30 BRADY SAND AND TREATED THE LAST 15% OF TOTAL PROPPANT VOLUME WITH PROPNET FOR PROPPANT FLOWBACK CONTROL. 1,520,300 SCF N2 & 1420 BBLS FLUID. AVG RATE 45 BPM. AVG PRISSURE 1927 #. MAX PRESSURE 2300 #. MAX SAND CONS 1.5 # PER GAL. ISIP 819 #. FRAC GRADIENT .44. RU BLUE JET. RIH W/ 4 1/2' COMPOSIT PLUG. SET PLUG @ 5536'. TESTED PLUG TO 4800 #. HELD OK. PERFORATED THE UPPER MV W/3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5278' - 5282' W/ 1/2 SPF, 5292' - 5296' W/ 1/2 SPF, 5336' - 5346' W/ 1/2 SPF, 5357' - 5373' W/ 1/2 SPF, 5428' - 5442' W/ 1/2 SPF, 5505' - 5521' W 1/2 SPF. A TOTAL OF 38 HOLES W/ 0.34. FRAC'D THE UPPER MV. TESTED LINES TO 5800 #. SET POP OFF @ 4500 #. BROKE DOWN FORMATION @ 3 BPM @ 1985 #. PUMPED PRE PAD @ 42 BPM @ 903 #. STEPPED DOWN RATE TO 32 BPM @ 335 #. STEPPED DOWN RATE TO 22 BPM @ 109 #. STEPPED DOWN RATE TO 10 BPM @ 0 #. ISIP 0 #. PUMPED 1000 GALS OF 15% HCL ACID @ 10 BPM @ 0 #. FRAC'D THE CH & MEN. W/ 65 Q SLICK FOAM W/ 1 G/MG FR, 100,000 # OF 16/30 BRADY SAND AND TREATED THE LAST 15% OF TOTAL PROPPANT VOLUME WITH PROPNET FOR PROPPANT FLOWBACK CONTROL. 1,258,100 SCF N2 & 1096 BBLS FLUID. AVG RATE 50 BPM. AVG PRISSURE 2660 #. MAX PRESSURE 3967 #. MAX SAND CONS 1.5 # PER GAL. ISIP 3789 #. FRAC GRADIENT .44. RD SCHLUMBERGER & ISOLATION TOOL. START FLOWBACK.
03/22/2005 08:00	HELD SAFETY MEETING. RU SCHLUMBERGER & ISOLATION TOOL. FRAC'D THE LOWER MV. TESTED LINES TO 7000 #. SET POP OFF @ 6000 #. PUMPED PRE PAD @ 31 BPM @ 116 #. STEPPED DOWN RATE TO 25 BPM @ 0 #. ISIP 0 #. PUMPED 1000 GALS OF 15% HCL ACID @ 15 BPM @ 0 #. FRAC'D THE LOWER MV W/ 65 Q SLICK FOAM W/ 1 G/MG FR, 150,000 # OF 20/40 BRADY SAND AND TREATED THE LAST 15% OF TOTAL PROPPANT VOLUME WITH PROPNET FOR PROPPANT FLOWBACK CONTROL. 2,053,300 SCF N2 & 1714 BBLS FLUID. AVG RATE 70 BPM. AVG PRISSURE 3581 #. MAX PRESSURE 3710 #. MAX SAND CONS 1.5 # PER GAL. ISIP 410 #. FRAC GRADIENT .44. RU BLUE JET. RIH W/ 4 1/2' COMPOSIT PLUG. SET PLUG @ 5536'. TESTED PLUG TO 4800 #. HELD OK. PERFORATED THE UPPER MV W/3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5278' - 5282' W/ 1/2 SPF, 5292' - 5296' W/ 1/2 SPF, 5336' - 5346' W/ 1/2 SPF, 5357' - 5373' W/ 1/2 SPF, 5428' - 5442' W/ 1/2 SPF, 5505' - 5521' W 1/2 SPF. A TOTAL OF 38 HOLES W/ 0.34. SWI. RD BLUE JET.
03/23/2005 06:00	HELD SAFETY MEETING. RU SCHLUMBERGER & ISOLATION TOOL. FRAC'D THE UPPER MV. TESTED LINES TO 7000 #. SET POP OFF @ 6000 #. BROK DOWN FORMATION @ 4 BPM @ 1952 #. PUMPED PRE PAD @ 35 BPM @ 936 #. STEPPED DOWN RATE TO 25 BPM @ 491 #. STEPPED DOWN RATE TO 15 BPM @ 243 #. STEPPED DOWN RATE TO 10 BPM @ 0 #. ISIP 0 #. PUMPED 1000 GALS OF 15% HCL ACID @ 13 BPM @ 0 #. FRAC'D THE UPPER MV W/ 65 Q SLICK FOAM W/ 1 G/MG FR, 100,000 # OF 20/40 BRADY SAND AND TREATED THE LAST 15% OF TOTAL PROPPANT VOLUME WITH PROPNET FOR PROPPANT FLOWBACK CONTROL. 1,501,300 SCF N2 & 1112 BBLS FLUID. AVG RATE 45 BPM. AVG PRISSURE 2693 #. MAX PRESSURE 2811 #. MAX SAND CONS 1.5 # PER GAL. ISIP 1870 #. FRAC GRADIENT .44. SWI. RD SCHLUMBERGER & ISOLATION TOOL. START FLOWBACK.

Daily Summary

API/UWI	County	State/Province	Surface Legal Location	N/S Dist. (ft)	N/S Ref.	E/W Dist. (ft)	E/W Ref.
300392756000	RIO ARRIBA	NEW MEXICO	NMPM-29N-06W-15-C	1295.0	N	2325.0	W

Ground Elevation (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)
6595.00	12/12/2004	12/22/2004	36° 43' 45.804" N	107° 27' 2.7" W

Start Date	Ops This Rpt
03/31/2005 07:00	SICP- 500 Psi Hold PJSA meeting with crews. Talked about conducting safe rig move operations. Talked about possible hazards, and how to avoid those hazards. Outlined general safety topics relating to planned operations. Move Key #11 rig and associated equipment onto location. Start rigging up unit and all equipment. L & R located, retested missing anchors under mud. Flowback well thru 1/2" choke assembly to reduce pressure. Killed well with 15 bbls of 2% kcl water. Installed tubing hanger assembly with BPV. Secured lockdown pins. Nipple down frac valve, spool assembly. Nipple up BOP assembly. Pressure test BOP blind and pipe rams with a low (250 Psi- 10 min.) and a high (2,000 Psi- 30 min.) test. Tests were successful. Rig up floor assembly. Lay blooie line assembly, set concrete anchors with L & R roustabout crew. Blind rams closed and locked. Drained lines of fluid. Secured lease. Shutdown operations for the day.
04/01/2005 07:00	SICP- 500 Psi Hold PJSA meeting with crew. Talked about conducting safe rig operations. Talked about possible hazards, and how to avoid those hazards. Outlined general safety topics relating to planned operations. Blowdown well into flowback pit. Kill casing with 20 bbls of 2% kcl water. Remove tubing hanger assembly. Nipple up milling assembly. Install new stripping rubber. Start into well with 1- 3.875" O.D. x 2.30' 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 tallied from tubing trailer. Tagged fill at 5,510' (26' 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 3 BPH foam/mist. Cleaned out to 5,540'. Well unloaded kill fluid then made light sand and light fluid returns. Continued with air until returns were clean and reduced. Shutdown air unit. Rig down off tubing. Pulled 2 3/8" tubing above Upper Mesa Verde perfs to 5,190'. Installed TIW valve onto tubing, closed pipe rams. Drained lines. Secured lease. Shutdown operations for the day.
04/04/2005 07:15	SICP- 480 Psi Hold PJSA meeting with crew. Talked about conducting safe rig operations. Talked about possible hazards, and how to avoid those hazards. Outlined general safety topics relating to planned operations. Blowdown well into flowback pit. Trip into well to tag fill. Tag fill at 5,530' (10' of fill on plug). Rig up air unit, start air at 1,200 CFM with 3 BPH foam/mist. Cleaned out to 5,540'. Well made light sand, fluid. Continued with air until returns were clean. Shutdown air unit. Rig down off tubing. Tripped tubing to 5,400' to test Upper Mesa Verde zone. Rig up flowback line. Installed new 1/2" choke into flowback line. Flow tested Upper Mesa Verde zone (5,278'- 5,521') up tubing/casing annulus to atmosphere thru 1/2" choke. FCP Avg.- 240 Psi. (Choke coefficient: 6.6) Testing indicated Mesa Verde production at 1,584 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). Testing completed. Trip tubing into well to tag fill. Tagged fill at 5,536'. Rig up power swivel assembly, air unit. Start air at 1,200 CFM with 3 BPH foam/mist. Clean to top of plug. Increased mist to 10 BPH to mill thru plug. Noticed a slight increase in blooie lines returns when plug was drilled, well also made light sand, fluid. Continued with air/mist until returns were reduced. Shutdown air unit. Trip into well to tag fill on next plug. Tagged fill at 5,840' (30' on 2nd plug). Start air at 1,200 CFM with 5 BPH foam/mist. Cleaned out to 5,870'. Shutdown air unit, rig down power swivel. Trip 2 3/8" tubing above Mesa Verde perfs to 5,190'. Install TIW valve, close pipe rams. Drain all lines. Secured lease. Shutdown operations for the day.
04/05/2005 06:00	SICP- 550 Psi Hold PJSA meeting with crew. Talked about conducting safe rig operations. Talked about possible hazards, and how to avoid those hazards. Outlined general safety topics relating to planned operations. Blowdown well into flowback pit. Continue tripping 2 3/8" tubing out of the well. Kill casing with 15 bbls of 2% kcl water to trip out last 10 stands. Start into well with 1 -.92' x 2 3/8" Mule shoe, 1- .82' x 1.81" I.D.x 2 3/8" F-Nipple with Baker plug installed, 2 3/8" tubing from derrick. Tripped tubing to 5,062'. Installed TIW valve onto tubing. Rig up Expert Slickline unit. Pump 3 bbls of 2% kcl water down tubing. Run in with slickline to pull Baker plug from F-Nipple. Made a total of 2 runs. 1- with pressure disc puncturing tool, 1- with plug pulling tool. Rig down and released slickline unit. Kill tubing with 4 bbls 2% kcl water. Removed TIW valve. Install string float. Trip 2 3/8" tubing into the well to tag fill. Tagged fill at 5,865' (5' of fill on plug). Rig up air unit to tubing. Start air at 1,200 CFM with 3 BPH foam/mist. Cleaned out to 5,870'. Well unloaded kill fluid then made light fluid and light sand. Continued with air mist until returns were clean. Shutdown air unit, pull tubing above Mesa Verde perfs to 5,190'. Installed TIW valve, close pipe rams. Secured lease. Shutdown operations for the day.

Daily Summary

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300392756000	RIO ARRIBA	NEW MEXICO	NMPM-29N-06W-15-C	1295.0	N	2325.0	W

Ground Elevation (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)
6595.00	12/12/2004	12/22/2004	36° 43' 45.804" N	107° 27' 2.7" W

Start Date	Ops This Rpt
04/06/2005 07:15	SICP- 550 Psi Hold PJSA meeting with crew. Talked about conducting safe rig operations. Talked about possible hazards, and how to avoid those hazards. Outlined general safety topics relating to planned operations. Blowdown well into flowback pit. Trip 2 3/8" tubing into the well to tag fill. Went to 5,870', no fill made overnight. Rig up air unit to tubing to unload fluid in well. Start air unit at 1,200 CFM with 3 BPH foam/mist. Well unloaded about 3 bbls of fluid, no sand. Shutdown air unit, rig down off tubing. Trip 2 3/8" tubing to 5,061' to test Overall Mesa Verde zone. Kill tubing with 3 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. Flow well up tubing until ProTechnics, slickline unit were rigged up and ready to start test. Ran slickline end of tubing tools to bridge plug. Tagged at 5,870'. End of tubing at 5,061'. Installed ProTechnics spinner survey logging tools onto slickline. Flow tested the Mesa Verde perfs (5,278'- 5,768') thru the spinner survey tools up the tubing to atmosphere thru a 1/2" choke at surface (Choke coefficient: 6.6). SICP Avg.- 490 Psi. FTP Avg.- 290 Psi. Mesa Verde spinner survey results will be verified by production engineer (Lucas Bazan). Finished testing, check tools to verify data was recorded. Rig down, release slickline unit and tools. Rig down flow tee assembly. Trip 2 3/8" tubing out of the well. Nipple down BHA. Nipple up milling assembly. Install new stripping rubber. Start into well with 1- 3.875" O.D. x 2.30' 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. Tubing at 4,030', install TIW valve, close pipe rams. Secured lease. Shutdown operations for the day.
04/07/2005 07:00	SICP- 550 Psi Hold PJSA meeting with crew. Talked about conducting safe rig operations. Talked about possible hazards, and how to avoid those hazards. Outlined general safety topics relating to planned operations. Blowdown well into flowback pit. Trip into well to tag fill. No fill made on plug. Rig up air unit, start air at 1,200 CFM with 3 BPH foam/mist. Cleaned out to 5,870'. Well unloaded about 3 bbls of fluid, then made light fluid, light sand. Shutdown air unit. Rig down off tubing. Tripped tubing to 5,670' to test Overall Mesa Verde zone. Rig up flowback line. Installed new 1/2" choke into flowback line. Flow tested Overall Mesa Verde zone (5,278'-5,768') up tubing/casing annulus to atmosphere thru 1/2" choke. (Choke coefficient: 6.6) FCP Avg.- 330 Psi. SITP- N/A (string float in tubing). Testing indicated Overall Mesa Verde production at 2,178 MCFPD with 5- Bbls water per day, 1/2- Bbl of Oil per day, with no sand returns. Test was witnessed by Sergio Serna (Rig Operator). Testing completed. Trip tubing into well to tag fill. Tagged no fill at 5,870'. Rig up power swivel assembly, air unit. Start air at 1,200 CFM with 3 BPH foam/mist. Unload at top of plug. Increased mist to 10 BPH to mill thru plug. Noticed a slight increase in blooie lines returns when plug was drilled, well also made Dakota frac sand, fluid. Continued with air/mist until returns were reduced. Shutdown air unit. Trip into well with 2 3/8" tubing to tag fill. Tagged fill at 7,920'. Rig up air unit and power swivel. Start air at 1,200 CFM with 5 BPH foam/mist. Cleaned out to 7,930'. Could not get any further than 7,930'. Possible tight, bad spot in casing. Continued with air/mist until returns were reduced. Shutdown air unit. Tripped 2 3/8" tubing above the Dakota perfs to 7,650'. Install TIW valve, close pipe rams. Drain all lines. Secured lease. Shutdown operations for the day.
04/08/2005 07:00	SICP- 550 Psi Crew held PJSA meeting on location. Talked about conducting safe rig operations. Talked about possible hazards, and how to avoid those hazards. Outlined general safety topics relating to planned operations. Blowdown well into flowback pit. Trip into well to tag fill. Tag fill at 7,925' (5' on 7,930'). Rig up air unit, power swivel assembly. Start air at 1,200 CFM with 5 BPH foam/mist. Cleaned out to 7,930'. Well unloaded about 3 bbls of fluid, then made light fluid, light sand. Start milling on bad spot in casing at 7,930', increased mist to 8 BPH. Milled on casing from 7,930 to 7,942'. Went thru bad area in casing at 7,942'. Reduced mist to 5 BPH, cleaned out to 7,995'. Continued with air/mist until returns were cleaned. Shutdown air unit, rig down swivel assembly. Trip tubing to 6,450'. Install TIW valve, close and lock pipe rams. Secured lease. Shutdown operations for the day.
04/11/2005 07:00	SICP- 550 Psi Hold PJSA meeting with crew. Talked about conducting safe rig operations. Talked about possible hazards, and how to avoid those hazards. Outlined general safety topics relating to planned rig operations. Continue tripping 2 3/8" tubing, milling assembly out of the well. Kill casing with 15 bbls of 2% kcl water to trip out last 10 stands. Out of well with tubing, nipple down milling assembly. Nipple up new BHA. Install new stripping rubber. Start into well with 1- .93' x 2 3/8" Mule Shoe with expendable check, 1- .82' x 1.81" I.D. x 2 3/8" F-Nipple, 2 3/8" tubing, drifted per COPC policy. Well unloading kill fluid while tripping in. Tagged fill at 7,980' (15' of fill on 7,995'). Rig up air unit to tubing. Start air unit at 1,200 CFM with 3 BPH foam/mist. Cleaned out to 7,995'. Well made light fluid, light Dakota sand. Continue with air/mist until returns were clean. Shutdown air unit. Kill tubing with 4 bbls of 2% kcl water to remove string float. Dropped ball to pump out expendable check assembly. Reinstall string float assembly. Rig up air unit to tubing. Pump off expendable check with 7 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 1,200 Psi surface. Continued with air/mist to clean up any fluid, sand returns. Shutdown air unit, rig down off tubing. Trip 2 3/8" tubing above Dakota perfs to 7,670'. Installed TIW valve, closed pipe rams. Drain all lines. Secured lease. Shutdown operations for the day.

Daily Summary

API/UWI	County	State/Province	Surface Legal Location	N/S Dist. (ft)	N/S Ref.	E/W Dist. (ft)	E/W Ref.
300392756000	RIO ARRIBA	NEW MEXICO	NMPM-29N-06W-15-C	1295.0	N	2325.0	W

Ground Elevation (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)
6595.00	12/12/2004	12/22/2004	36° 43' 45.804" N	107° 27' 2.7" W

Start Date	Ops This Rpt
04/12/2005 07:00	FINAL REPORT SICP- 500 Psi Hold PJSA meeting on location with crews. Outlined general safety topics related to planned operations. Blowdown well into flowback pit. Trip 2 3/8" tubing into the well to tag fill. No fill at 7,995'. Rig up air unit, start air at 1,200 CFM with 3 BPH foam/mist. Unloaded about 5 bbls of fluid, with light sand. Tripped tubing to 7,670' to test. Install TIW valve, rig up flowback line off of tubing 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 end of tubing tool and tagged at 7,992'. End of tubing at 7,670'. Installed ProTechnics spinner survey logging tools onto slickline. Flow tested the Dakota perfs (7,774'- 7,941') thru the spinner tool up the tubing to atmosphere thru a 1/2" choke (Choke coefficient: 6.6). SICP Avg.- 520 Psi. FTP Avg.- 180 Psi. Test was witnessed by Sergio Serna (Rig Operator). Spinner survey results to be verified by Lucas Bazan. Testing completed, check tools to verify data was recorded. Data recorded. Rig down, release ProTechnics and slickline unit. Dakota production results to be determined. Rig down flowback assembly. Trip 2 3/8" tubing to PBTD to unload well. Rig up air unit to tubing. Start air at 1,200 CFM with 3 BPH foam/mist. Unloaded fluid from well, made light Dakota sand. Shutdown air unit. Rig down off tubing. Pull 5 joints of tubing to land. Install tubing hanger assembly with BPV. Land hanger into wellhead, lockdown pins secured. Tubing landed at 7,851.92' K.B. Top of 1.81" I.D. F-Nipple at 7,850.17' K.B. Nipple down BOP, nipple up wellhead. Wood Group tested seals, removed BPV from hanger. Let well flow up tubing while rigging down completion unit and equipment. Shut well in. Location cleaned and secured. Operations completed. Will move equipment off location on 4-13-05. Will notify facilities supervisor of completion of services on 4-13-05.