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

2. Name of Operator CONOCOPHILLIPS COMPANY
Contact: CHRIS GUSTARTIS
E-Mail: CHRISTINA.GUSTARTIS@CONOCOPHILLIPS.COM

8. Lease Name and Well No. SAN JUAN 29-6 UNIT 104M

3. Address P O BOX 2197 WL 6106 HOUSTON, TX 77252
3a. Phone No. (include area code) Ph: 832.486.2463

9. API Well No. 30-039-27592-00-C1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWSE 355FSL 1445FEL 36.71938 N Lat, 107.42768 W Lon
Sec 14 T29N R6W Mer NMP
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory BLANCO MV / BASIN DAKOTA

11. Sec., T., R., M., or Block and Survey or Area Sec 14 T29N R6W Mer NMP

12. County or Parish RIO ARRIBA
13. State NM

14. Date Spudded 11/07/2004
15. Date T.D. Reached 11/16/2004
16. Date Completed ☐ D & A ☒ Ready to Prod. 01/13/2005
17. Elevations (DF, KB, RT, GL)* 6528 GL

18. Total Depth: MD 7951 TVD
19. Plug Back T.D.: MD 7950 TVD
20. Depth Bridge Plug Set: MD TVD

21. Type 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 analysis)

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
12.250	9.625 H-40	32.3	0	229		150		0	
8.750	7.000 J-55	20.0	0	3746		620		0	
6.250	4.500 N-80	11.6	0	7951		465		2700	

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	7796							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	DAKOTA	7790	7872	7790 TO 7872	0.340	75	OPEN
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
7790 TO 7872	FRAC'D W/SLICKWATER @ 1.25 G/MG FR; 40,000# 20/40 CARBOLITE SAND & 4340 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
01/13/2005	01/13/2005	24	→	0.0	375.0	12.0			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	65 SI	390.0	→	0	375	12		GSI

28a. 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)

ELECTRONIC SUBMISSION #53464 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

ACCEPTED FOR RECORD
FEB 01 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 of porosity and contents thereof: Cored intervals and all drill-stem tests, including 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
SAN JOSE	0	1201		OJO ALAMO	2591
NACIMIENTO	1201	2506		FRUITLAND	3181
OJO ALAMO	2506	2711		LEWIS SHALE	3631
				CLIFF HOUSE	5241
				POINT LOOKOUT	5636
				GALLUP	6891
				DAKOTA	7731

32. Additional remarks (include plugging procedure):
This well is a downhole commingled well producing from the Blanco Mesaverde and Basin Dakota. Well Schematic and Daily Summary is attached.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic 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):

Electronic Submission #53464 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by ADRIENNE BRUMLEY on 02/01/2005 (05AXB0732SE)

Name *(please print)* CHRIS GUSTARTIS Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 01/27/2005

Title 18 U.S.C. Section 1001 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 any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

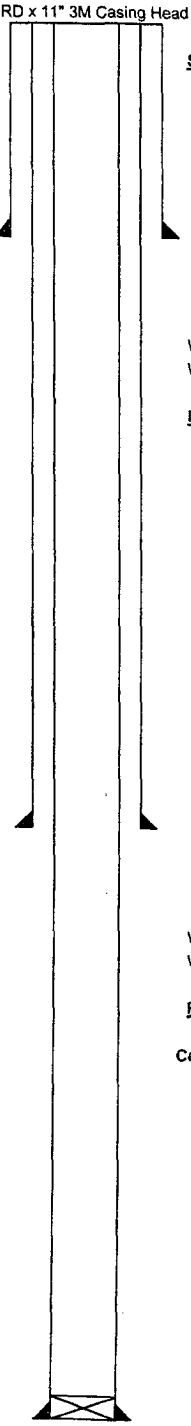
ConocoPhillips

END OF WELL SCHEMATIC

Well Name: San Juan 29-6 # 104M
API # : 30-039-27592
Location: 355' FSL & 1445' FEL
Sec. 14- T29N - R6W
Rio Arriba County, NM
Elevation: 6528' GL (above MSL)
Drl Rig RKB: 13' above Ground Level
Datum: Drl Rig RKB = 13' above GL

Spud: 7-Nov-04
Spud Time: 18:00
Date TD Reached: 15-Nov-04
Release Drl Rig: 16-Nov-04
Release Time: 10:00

11" 3M x 7 1/16" 5M Tubing Head
11" 3M x 11" 3M Casing Spool
9-5/8" 8 RD x 11" 3M Casing Head



Surface Casing

Date set: 7-Nov-04 [X] New [ ] Used

Size 9 5/8 in
Set at 229 ft # Jnts: 5
Wt. 32.3 ppf Grade H-40
Hole Size 12 1/4 in Conn STC
Excess Cmt 125 %
T.O.C. SURFACE Csg Shoe 229 ft
TD of 12-1/4" hole 235 ft

Notified BLM @ 11:45 hrs on 05-Nov-04
Notified NMOCD @ _____ hrs on _____

SurfaceCement

Date cmt'd: 8-Nov-04
Lead : 150 sx Class G Cement
+ 3% S001 Calcium Chloride
+ 0.25 lb/sx D029 Cellophane Flakes
1.16 cuft/sx, 174.0 cuft slurry at 15.8 ppg
Displacement: 14.7 bbls fresh wtr
Bumped Plug at: 01:30 hrs w/ 471 psi
Final Circ Press: _____
Returns during job: YES
CMT Returns to surface: 12 bbls
Floats Held: No floats used
W.O.C. for 6.00 hrs (plug bump to start NU BOP)
W.O.C. for 10.50 hrs (plug bump to test csg)

Intermediate Casing

Date set: 11-Nov-04 [X] New [ ] Used

Size 7 in 91 jts
Set at 3746 ft 0 pups
Wt. 20 ppf Grade J-55
Hole Size 8 3/4 in Conn STC
Excess Cmt 150 % Top of Float Collar 3703 ft
T.O.C. SURFACE Bottom of Casing Shoe 3746 ft
Pup @ _____ ft TD of 8-3/4" Hole 3746 ft
Pup @ _____ ft

Notified BLM @ 10:44 hrs on 10-Nov-04
Notified NMOCD @ 10:48 hrs on 10-Nov-04

Intermediate Cement

Date cmt'd: 11-Nov-04
Lead : 400 sx Class G Cement
+ 0.25 lb/sx D029 Cellophane Flakes
+ 3% D079 Extender
+ 0.20% D046 Antifoam
+ 10.00 lb/sx Phenoseal
2.72 cuft/sx, 1088.0 cuft slurry at 11.7 ppg
Tail : 220 sx 50/50 POZ : Class G Cement
+ 0.25 lb/sx D029 Cellophane Flakes
+ 2% D020 Bentonite
+ 1.50 lb/sx D024 Gilsonite Extender
+ 3% S001 Calcium Chloride
+ 0.10% D046 Antifoam
+ 6 lb/sx Phenoseal
1.31 cuft/sx, 288.2 cuft slurry at 13.5 ppg
Displacement: 149 bbls
Bumped Plug at: 19:31 hrs w/ 1399 psi
Final Circ Press: _____
Returns during job: YES
CMT Returns to surface: 70 bbls
Floats Held: X Yes __ No
W.O.C. for 6.00 hrs (plug bump to start NU BOP)
W.O.C. for 10.00 hrs (plug bump to test csg)

Production Casing:

Date set: 16-Nov-04 [X] New [ ] Used

Size 4 1/2 in 182 jts
Set at 7951 ft 2 pups
Wt. 11.6 ppf Grade N-80
Hole Size 6 1/4 in Conn LTC
Excess Cmt 50 % Top of Float Collar 7950 ft
T.O.C. (est) 3705 Bottom of Casing Shoe 7951 ft
Marker Jt @ 5147 ft TD of 8-3/4" Hole 7951 ft
Marker Jt @ 7595 ft
Marker Jt @ _____ ft

Notified BLM @ _____ hrs on _____
Notified NMOCD @ _____ hrs on _____

Production Cement

Date cmt'd: 16-Nov-04
Cement : 465 sx 50/50 POZ : Class G Cement
+ 0.25 lb/sx D029 Cellophane Flakes
+ 3% D020 Bentonite
+ 1.00 lb/sx D024 Gilsonite Extender
+ 0.25% D167 Fluid Loss
+ 0.15% D065 Dispersant
+ 0.10% D800 Retarder
+ 0.10% D046 Antifoam
+ 3.5 lb/sx Phenoseal
1.45 cuft/sx, 674.25 cuft slurry at 13.0 ppg
Displacement: 123.3 bbls
Bumped Plug: 03:26 hrs w/ 2097 psi
Final Circ Press: 1785 psi @ 2.1 bpm
Returns during job: None Planned
CMT Returns to surface: None Planned
Floats Held: X Yes __ No

Top of Float Collar 7950 ft
Bottom of Casing Shoe 7951 ft

TD of 8-3/4" Hole: 7951 ft

Schematic prepared by:
Michael P. Neuschafer, Drilling Engineer
17-November-2004

COMMENTS:

9-5/8" Surf:	No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 jt above the guide shoe @ 186'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 219', 142', 100', 58'.	Total: 4
7" Intermediate	DISPLACED W/ 149.0 BBLS. DRILL WATER. CENTRALIZERS @ 3736', 3661', 3579', 3497', 3415', 3333', 205', 81', 40'.	Total: 9
	TURBOLIZERS @ 2757', 2716', 2675', 2633', 2582'.	Total: 5
4-1/2" Prod.	NONE.	

SAN JUAN 29 6 UNIT #104M — 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.
300392759200	RIO ARRIBA	NEW MEXICO	NMPM-29N-06W-14-O	355.0	S	1445.0	E

Ground Elevation (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)
6528.00	11/07/2004	11/16/2004	36° 43' 9.768" N	107° 25' 39.648" W

Start Date	Ops This Rpt
11/18/2004 07:00	HELD PRE-JOB SAFETY MEETING. RU SCHLUMBERGER PRESSURED UP CSG TO 1500 #. RAN CBL LOG FROM 7926' TO 2500'. TOP OF CEMENT @ 2700'. RAN TDT LOG FROM 7926' TO 2200'. RAN GR/CCL LOG FROM 7926' TO SURFACE. RD SCHLUMBERGER.
11/20/2004 07:00	HELD PRE-JOB SAFETY MEETING. RU ISOLATION TOOL. TESTED 4 1/2" CSG TO 6700 # FOR 30 MIN. HELD OK. RD ISOLATION TOOL. SWI.
11/30/2004 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 7790' - 7872' W/ 2 SPF, 7834' - 7846' W/ 2 SPF, 7854' - 7858' W/ 2 SPF, 7866' - 7872' W/2 SPF. A TOTAL OF 75 HOLES @ 0.34 DIA. RU ISOLATION TOOL. RU SCHLUMBERGER. FRAC'D THE DAKOTA. TESTED LINES TO 8000 #. SET POP OFF @ 6300 #. BROKE DOWN FORMATION @ 5 BPM @ 1847 #. PUMPED PRE PAD @ 45 BPM @ 2968 #. STEPPED DOWN RATE TO 38 BPM @ 2630 #. STEPPED DOWN RATE TO 30 BPM @ 2357 #. STEPPED DOWN RATE TO 20 BPM @ 2108 #. STEPPED DOWN RATE TO 10 BPM @ 1853 #. ISIP 1740 #. 5 MIN 1254 #. 10 MIN 1027 #. 15 MIN 837 #. 20 MIN 655 #. 25 MIN 512 #. 30 MIN 406 #. PUMPED 1000 GALS OF 15% HCL ACID @ 7 BPM @ 1242 #. FRAC'D THE DAKOTA W/ SLICKWATER @ 1.25 g/mg FR, 40,000 # 20/40 CARBOLITE SAND & 4340 BBLS FLUID. AVG RATE 50 BPM. AVG PRESSURE 4133 #. MAX PRESSURE 5176 #. MAX SAND CONS .40 # PER GAL. ISIP 2513 #. 5 min 2320 #. FRAC GRADIENT .66. SWI.
12/01/2004 07:00	HELD SAFETY MEETING. RU BLUE JET. COULD NOT GET IN HOLE BECAUSE WELLHEAD WAS FROZEN. THAWED OUT WELLHEAD. RIH W/ 4 1/2" COMPOSITE PLUG. SET PLUG @ 5830'. TESTED PLUG TO 4800 #. HELD OK. PERFORATED THE MEN/PL W/3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5508' - 5516' W/ 1/2 SPF, 5570' - 5580' W/ 1/2 SPF, 5616' - 5624' W/ 1/2 SPF, 5644' - 5652' W/ 1/2 SPF, 5664' - 5674' W/ 1/2 SPF, 5687' - 5699' W/ 1/2 SPF, 5726' - 5730' W/ 1/2 SPF. A TOTAL OF 37 HOLES W/ 0.34 DIA. RU SCHLUMBERGER. FRAC'D THE MEN/ PL. TESTED LINES TO 8000 #. SET POP OFF @ 6300 #. BROKE DOWN FORMATION @ 5 BPM @ 2598 #. PUMPED PRE PAD @ 40 BPM @ 809 #. STEPPED DOWN RATE TO 30 BPM @ 177 #. STEPPED DOWN RATE TO 20 BPM @ 53 #. ISIP 0 #. PUMPED 1000 GALS OF 15% HCL ACID @ 10 BPM @ 60 #. FRAC'D THE MEN & PL W/ 65 Q SLICK FOAM W/ 1 G/MG FR, 150,000 # OF 16/30 BRADY SAND AND TREATED THE LAST 15% OF TOTAL PROPPANT VOLUME WITH PROPNET FOR PROPPANT FLOWBACK CONTROL. 1,828,400 SCF N2 & 1519 BBLS FLUID. AVG RATE 55 BPM. AVG PRISSURE 2884 #. MAX PRESSURE 3404 #. MAX SAND CONS 1.5 # PER GAL. ISIP 2043 #. FRAC GRADIENT .44. RIH W/ 4 1/2" COMPOSITE PLUG. SET PLUG @ 5406'. TESTED PLUG TO 4800 #. HELD OK. PERFORATED THE CH & MEN W/ 3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5228' - 5234' W/ 1/2 SPF, 5272' - 5284' W/ 1/2 SPF, 5292' - 5304' W/ 1/2 SPF, 5349' - 5355' W/ 1/2 SPF, 5366' - 5382' W/ 1/2 SPF. A TOTAL OF 31 HOLES W/ 0.34 DIA. SWI.
12/02/2004 08:30	RU SCHLUMBERGER. FRAC'D THE MEN/CH. TESTED LINES TO 8000 #. SET POP OFF @ 6300 #. BROKE DOWN FORMATION @ 5 BPM & 3100 #. PUMPED PRE PAD @ 40 BPM & 2601 #. STEPPED RATE TO 31 BPM & 1566 #. STEPPED RATE TO 20.5 BPM & 791#. STEP TO 10 BPM & 93# ISIP 0 #. PUMPED 1000 GALS OF 15% HCL ACID @ 10 BPM @ 184 #. FRAC'D THE MEN /CH 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. 1,266,700 SCF N2 & 1059 BBLS FLUID. AVG RATE 40 BPM. AVG PSI= 2410 #. MAX PSI= 2620 #. MAX SAND CONS 1.5 # PER GAL. ISIP 1669 #. FRAC GRADIENT .44. RD SCHLUMBERGER FRAC EQUIP. RD STINGER ISOLATION TOOL. OPEN WELL TO FLOW ON 14/64" CHOKE.
12/20/2004 07:00	PJSM W/ DAWN TRUCKING. LOAD EQUIPMENT ON SJ 29-6#107M , ROAD UNIT AND EQUIPMENT TO SJ 29-6#104M. PJSM W/ CREWS. SPOT UNIT. UNLOAD AND SPOT EQUIPMENT. RU UNIT AND EQUIPMENT. SICP=420#. RU 2" HARD LINE TO PIT. BLEED CSG. DOWN. SET HANGER ND FRAC VALVE AND SPOOL. NU BOPE. TEST BOPE TO 250# LOW, AND 3000# HIGH. POOH W/ HANGER. RU AIR LINES.PREP TO RU BLOOIE LINES, AND SET CONCRETE BLOCKS.
12/21/2004 07:00	PJSM W/ CREWS, DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT.WAIT ON ROUST ABOUT CREW TO RU BLOOIE LINE. RU BLOOIE LINE. SET CONCRETE BLOCKS. MU BIT SUB AND 3 7/8" 4 BLADED MILL ON JT OF 2 3/8" TBG. SLIP GRIP ELEVATORS NOT FUNCTIONING PROPERLY. WAIT FOR NEW ELEVATORS. TIH PICKING UP FROM FLOAT W/ 90 JTS 2 3/8" TBG W/ TURNED DOWN COLLARS TO 2835'. SECURE WELL. DRAIN EQUIPMENT. SDFN.
12/22/2004 07:00	SICP= 50#. PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. BREAK CIRCULATION W/ AIR MIST. UNLOAD HOLE @ 2913'. CONTINUE TO TIH W/ 71 JTS 2 3/8". TAG FILL @ 5153'. RU AIR, BREAK CIRCULATION AND C/O FILL FROM 5153' TO 5184' W/ 1 JT.WENT THROUGH SAND BRIDGE. HIGH PRESSURES BELOW BRIDGE. BLEW FLUID AND SAND AROUND MILL. LOST CIRCULATION. WORK TO RE GAIN CIRCULATION. UNABLE. POOH W/ 40 JTS. RU AIR . PRESSURE UP TO 1700# WITHIN MINUTES. (TBG. IS PLUGGED.) POOH W/ 123 JTS. C/O MILL. DRAIN EQUIPMENT. SECURE WELL SDFN.
12/23/2004 07:00	SICP=370#, PJSM W/ CREWS, DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. BWD DOWN. KILL CSG , MU AND TIH W/ 3 7/8" MILL, BIT SUB ,STRING FLOAT AND 140 JTS 2 3/8" TBG. BREAK CIRCULATION W/ AIR. UNLOAD HOLE. CONTINUE TO TIH W/ 23 JTS . TAGGED FILL @ 5152', BREAK CIRCULATION W/ AIR. UNLOAD HOLE. C/O FILL FROM 5152' TO 5250'.CIRCULATE CLEAN. POOH W/ 4 JTS 2 3/8" TBG. DRAIN EQUIPMENT. SECURE WELL SD F HOLIDAY WE.
12/28/2004 07:00	SICP= 400#, PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. BWD, TIH W/5 JTS AND TAG FILL @ 5280'. RU AIR, C/O FILL FROM 5280' TO CBP @ 5406 W/ AIR ASSIST. RU POWER SWIVEL. D/O CBP. CONTINUE TO TIH W/ 9 JTS AND TAG FILL @ 5514'. UNLOAD HOLE AND C/O FILL FROM 5514' TO CBP @ 5640' W/ AIR ASSIST. CIRCULATE CLEAN. WASHED OUT BLOOIE T. POOH W/ 22 JTS 2 3/8" TBG. DRAIN EQUIPMENT. SECURE WELL SDFN.

SAN JUAN 29 6 UNIT #104M — 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.
300392759200	RIO ARRIBA	NEW MEXICO	NMPM-29N-06W-14-O	355.0	S	1445.0	E

Ground Elevation (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)
6528.00	11/07/2004	11/16/2004	36° 43' 9.768" N	107° 25' 39.648" W

Start Date	Ops This Rpt
12/29/2004 00:00	SICP= 420# . PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. BWD. R&R WASHED OUT BLOOIE T. TIH W/ 16 JTS TBG. AND TAG FILL @ 5658'. RU POWER SWIVEL. BREAK CIRCULATION W/ AIR/MIST. UNLOAD HOLE. C/O FILL FROM 5658' TO CBP @ 5830'. CIRCULATE CLEAN. (PUH TO 5479" MID PERF) FLOW TEST MV FORMATION TO ATMOSPHERE. FLOW TEST IS AS FOLLOWS. MV PERFS 5228'- 5730'. FLOW UP CSG W/ 1/2" CHOKE @ SURFACE. (CHOKE COEFICIENT OF 6.6) 2 3/8" TBG SET @ 5479'. SITP= N/A FCP= 120# MV PRODUCTION= 792 MCFPD 6 BWPD 0 BOPD NO SAND TEST WITNESSED BY G. NUNEZ W/ KEY ENERGY SERVICES. LD SWIVEL. POOH W/ 185 JTS 2 3/8" TBG. LD MILL AND BIT SUB. MU AND RIH W/ MS COLLAR , 1.81' FN AND 100 JTS 2 3/8" TBG. PREP TO LOG MV. SECURE WELL AND SDFN.
12/30/2004 00:00	SICP -420#. pjsm w/ crews discussed days events and ways to prevent incident. BWD, TIH W/ 84 JTS 2 3/8" TBG TO 5812'. TAG NO FILL. BREAK CIRCULATION W/ AIR. UNLOAD HOLE. CIRCULATE CLEAN. POOH W/ 21 JTS TO 5150'. (TBG SET @ 5150' FOR LOGGING OPERATIONS) .RU FLOW LINE TO TBG. W/ 1/2" CHOKE. RU H&H WIRELINE, RIH W/ EOT LOCATOR. POOH, RU COMPLETION PROFILE & AFTER FRAC LOGGING TOOLS. RIH BELOW PERFS. OPEN WELL TO FLOW ON 1/2" CHOKE. STABILZED FLOW @ 95#. (380# CSG). LOG MV INTERVAL. POOH W/ TOOLS. RETRIVE DATA. RD SERVICE COMPANYS. SECURE WELL SDFN.
01/03/2005 00:00	SICP= 450#, PJSM, DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. BWD, TOOH W/ 163 JTS 2 3/8" TBG. LD FN, MU AND TIH W/ 184 JTS 2 3/8" TBG. TAG FILL @ 5766'. BREAK CIRCULATION W/ AIR MIST. UNLOAD HOLE. C/O FILL FROM 5766' TO CBP @ 5830'. RU SWIVEL. DRILL PLUG . PRESSRE UP TO 1700#. PU AND LET EQUALIZE. CONTINUE TO TIH W/ 65 JTS AND TAG FILL @ 7841'. POOH W/ 2 JTS. SECURE WELL SDFN.
01/04/2005 00:00	SICP= 700#. PJSM W/ CREWS. BWD. TIH W/ 4 JTS. RU SWIVEL. CLEAN OUT FILL FROM 7841' TO 7856' . STOPPED MAKING HOLE. TORQUING UP W/ 1 POINT SET DOWN. WORK FOR 3 HRS STILL NOT MAKING HOLE. CALLED ENGINEERING. PROBABLE TIGHT SPOT. DECIDED TO POOH. RIH W/ PILOT MILL AND STRING MILL. TOOH W/ 249 JTS AND LD MILL. ALL POINTS ON MILL ARE TAPPERED OFF. UNABLE TO GET KILL WATER TO LOCATION TILL THE AM. SECURE WELL SDFN.
01/05/2005 00:00	SD DUE TO BAD WEATHER.
01/06/2005 00:00	SICP=470#, PJSM W/ CREWS. BWD. MU AND TIH W/ 3 1/8" PILOT MILL, 3 3/4" STRING MILL, BIT SUB, STRING FLOAT AND 247 JTS 2 3/8" TBG. TAG FILL @ 7802' . BREAK CIRCULATION W/ AIR, UNLOAD HOLE. C/O FILL FROM 7802' TO TIGHT SPOT @ 7856'. MILL ON TIGHT SPOT FROM 7856' TO 7860'. CIRCULATE CLEAN. POOH W/ 200 jts 2 3/8" tbg. SECURE WELL SDFN.
01/07/2005 07:00	SICP= 450#. PJSM W/ CREWS, DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENTS. BWD, TOOH W/ 45 JTS 2 3/8" TBG. LD BHA, MU AND TIH W/ 3 JTS 2 1/16" TBG, X/O, AND 244 JTS 2 3/8" TBG. TAG FILL @ 7802'. C/O W/ AIR ASSIST. TO 7875'. TAGGED SOLID @ 7875'. UNABLE TO GET DEEPER. CIRCULATE CLEAN. POOH W/ 20 JTS 2 3/8" TBG. DRAIN EQUIPMENT, SECURE WELL SDFN.
01/08/2005 00:00	SICP= 440#. PJSM W/ CREWS, DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. BWD. TIH W/ 20 JTS AND TAG @ 7875' NO FILL. TOOH W/ 248 JTS 2 3/8' AND 3 JTS 2 1/16" TBG. MU AND RIH W/ EXP CK, 1.81" FN AND 40JTS 2 3/8" TBG.DRIFTED EVERY JT W/ APROVED TBG. DRIFT. ELEVATORS BROKE. SECURE WELL, DRAIN EQUIPMENT. SDFWE.
01/10/2005 00:00	SICP= 450#. PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. BWD, CONTINUE TO DRIFT PROD TBG IN HOLE. TIH W/ 188 JTS. TAG FILL @ 7808'. BREAK CIRCULATION W/ AIR. UNLOAD HOLE. C/O TO 7863'. TBG. STUCK TRYING TO PULL OUT OF TIGHT SPOT @ 7860'- 7856'. WORK TO FREE TBG. LOST PARTIAL CIRCULATION. POOH W/ 5 JTS TBG. DROP BALL TO PUMP OUT CK. PRESSURE UP W/ AIR. PRESSURE UP TO 2000# IN MINUTES. TBG. IS PLUGGED. SECURE WELL SDFN.
01/11/2005 00:00	SICP= 445#, PJSM W/ CREWS, DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. BWD. POOH W/ 243 JTS 2 3/8" TBG. BOTTOM TWO JTS PLUGGED W/ SAND. CLEAN OUT FN AND CHECK. MU EXP. CK, 1.81" FN AND 248 JTS 2 3/8" TBG. TAG FILL @ 7791'. BREAK CIRCULATION W/ AIR. UNLOAD HOLE. C/O FILL FROM 7791' TO 7856'. PUH W/ 5 JTS 2 3/8" TBG TO 7706'. OPEN WELL TO FLOW TO ATMOSPHERE W/ 1/2" CHOKE @ SURFACE. LEAVE WELL FLOWING W/ DRY WATCH.
01/12/2005 00:00	FTP= 95#, SICP= 320#. PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. BWD, TIH W/ 4 JTS 2 3/8" TBG. TAG FILL @ 7811'. BREAK CIRCULATION W/ AIR, UNLOAD HOLE. C/O FILL FROM 7811' TO 7880'.CIRCULATE CLEAN. POOH W/ 6 JTS TBG. TO 7706'. PJSM W/ H&H WIRELINE AND PROTECHNICS. RU SLICK LINE UNIT. RIH W/ EOT LOCATOR. TAG FILL @ 7871'. POOH, RU PROTECHNICS COMPLETION PROFILE LOGGING TOOLS. RIH . OPEN WELL FLOWING TO ATMOSPHERE UP TBG. THROUGH 1/2" CHOKE .FTP STABILIZED @ 55#, SICP= 390#. WELL UNLOADING FLUID. LOG DAKOTA INTERVAL. POOH W/ TOOLS. SPINNER IS NOT TURNING. (SCALE FINES IN SPINNER). DOWN LOAD DATA. PROTECHNICS COMPUTER WILL NOT BOOT. DO NOT KNOW IF USEABLE DATA WAS COLLECTED.RD SERVICE COMPANYS. SECURE WELL SDFN.

Daily Summary

API/UWI	County	State/Province	Surface Legal Location	N/S Dist. (ft)	N/S Ref.	E/W Dist. (ft)	E/W Ref.
300392759200	RIO ARRIBA	NEW MEXICO	NMPM-29N-06W-14-O	355.0	S	1445.0	E

Ground Elevation (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)
6528.00	11/07/2004	11/16/2004	36° 43' 9.768" N	107° 25' 39.648" W

Start Date	Ops This Rpt
01/13/2005 00:00	SICP= 430#, SITP= 540#, PJSM W/ CREWS, DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. RU H&H WIRELINE. RIH W/ EOT LOCATOR, TAG FILL @ 7871'. POOH, RU PROTECHNICS MEMORY PROD. LOGGING TOOLS. RIH. OPEN TBG FLOWING TO ATMOSPHERE W 1/2" CHOKE @ SURFACE.WELL STABILIZED @ 65# FTP, & 390# SICP. LOG DK INTERVAL. POOH W/ TOOLS. RETRIVE DATA. TIH DRIFTING W/ 1 JT 2 3/8" TBG,10' 2 3/8' SUB, 6' 2 3/8" SUB, 1 JT 2 3/8" TBG. RU HANGER W/ FLOAT. LAND WELL W/ 246 JTS, 10', & 6' SUB. EOT @ 7796' KB, TOP OF FN @ 7795'.ND BOPE, NU MASTER VALVE. CHECK HANGER FOR LEAKS. RU AIR, BLOW WELL AROUND TO UNLOAD. SD AIR. LET TBG FREE FLOW TO PURGE O2. RD UNIT AND EQUIPMENT. FACILITIES NOT IN PLACE. TURN OVER TO OPERATOR AND WFS FOR PRODUCTION. DK PRODUCTION TO BE DETERMINED BY PROTECHNICS PRODUCTION LOG DATED 1/13/05. DATA IS AS FOLLOWS : DK PRODUCTION = 375 MCFPD, 0- BOPD, 12 BWPD. (((((FINAL REPORT)))))