Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMSF079289

1a. Type of Well [ ] Oil Well [X] Gas Well [ ] Dry [ ] Other
b. Type of Completion [X] 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.

2. Name of Operator
ConocoPhillips Co.

8. Lease Name and Well No.
San Juan 28-7 Unit 55B

3. Address
P.O. Box 2197, WL3-6085 Houston Tx 77252

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

9. API Well No.
30-039-29415

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface Sec 12 T28N R7W SESW 115FSL 2355FWL
At top prod. interval reported below
At total depth

10. Field and Pool, or Exploratory
Blanco Mesaverde

11. Sec., T., R., M., on Block and Survey or Area Sec 12 T28N R7W

12. County or Parish Rio Arriba

13. State NM

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OIL CONS. DIV.
DIST. 3

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
01/20/2006	01/28/2006	[ ] D & A [X] Ready to Prod. 03/09/2006	6653' GL

18. Total Depth: MD 5941 TVD	19. Plug Back T.D.: MD 5937 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? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit analysis)
Directional Survey? [X] 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	234		150		0	
8.75	7 J-55	20	0	3744		339		~~0~~ 440'	
6.25	4.5 J-55	10.5	0	5939		260		2950	

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	5620							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blanco Mesaverde	5072'	5742'	5072' - 5258'	.34	43	Open
B)			5617' - 5742'	.34	65	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
5072' - 5258'	Frac'd w/3200 bbls 60Q Slickfoam; 125,000# 20/40 Brady sand; 1,638,715 SCF N2 & 1447 bbls fluid.
5617' - 5742'	Frac'd w/3754 bbls Slickfoam; 124,109# 20/40 Brady sand; 1,141,344 SCF N2 & 1634 bbls fluid.

ACCEPTED FOR RECORD
MAR 2 9 2006
FARMINGTON FIELD OFFICE
BY

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
3/9/06	3/9/06	24	→	7	1386	23			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 210	340	→					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
			→					

NMOCD

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(See Instructions and spaces for additional data on page 2)

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	1601.2
				Ojo Alamo	2547.0
				Kirtland	2666.8
				TJG Fruitland	3140.8
				Pictured Cliff	3429.3
				Otero Chacra	4378.3
				Cliffhouse	5059.5
				Menefee	5237.1
				Pt Lookout	5611.6

32. Additional remarks (include plugging procedure):

New single well producing from the Blanco Mesaverde. Daily summary report and Wellbore Schematic are attached.

On 1/21/06, tested surface casing@1000psi for 30 minutes. Held OK. Tested intermediate casing on 1/24/06 @ 1800psi for 30 minutes. Held OK.

33. Indicate which itmes have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geological Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ 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 Regulatory Specialist

Signature Chris Gustartis Date 03/17/2006

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.

ConocoPhillips

Regulatory Summary

SAN JUAN 28-7 UNIT 055B

INITIAL COMPLETION, 2/3/2006 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
300392941500	Rio Arriba	NEW MEXICO	NMPM-28N-07W-12-N	115.00	S	2,355.00	W

Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date
6,653.00	36° 40' 12" N	107° 31' 48" E	1/20/2006	1/29/2006

2/3/2006 07:00 - 2/3/2006 00:00

Last 24hr Summary

Held safety meeting. RU Slumberger. Pressured up on 4 1/2" CSG to 1500 #. Ran CBL log from 5894' to 2700'. Top of cement @ 2950'. Ran TDT log from 5894' to 2200'. Ran GR/ccl log from 5894' TO surface. RD Schlumberger. Tested 4 1/2" csg to 4050 # for 30 min. Held ok. SWI. RD Woodgroup

2/24/2006 10:30 - 2/24/2006 14:00

Last 24hr Summary

Hold PJSA with Computalog crew. Talked about conducting safe perforating, wireline operations. Rig up Computalog Wireline unit and tools, pressure control, and mast truck. Run in the well with 3 1/8" SF PP 90* charges w/ Owen 302g @ .34" diameter. Perforate the Point Lookout zone as follows: 5617'-5648', 5671'-5680', 5691'-5703', 5730'5734', 5738'-5742'. Shot a total of 65 holes. Shut in and secured well. Will leave wireline equipment rigged up for 2nd stage. Shutdown operations for the day.

2/25/2006 05:00 - 2/25/2006 16:00

Last 24hr Summary

PJSA with Halliburton, Computalog, and Dawn Trucking. Discussed the days events and ways to prevent any incidents.

Rig up Halliburton Frac equipment and Computalog equipment.

1st Stage Frac:
Pressure test lines to 5020 psi, Set pop-off @ 3820 Psi. Initial breakdown was 6 BPM at 2543 Psi. Start step rate: 31 BPM at 519 Psi, step to 26.5 BPM at 92 Psi. Formation broke down and went on 30 BPM vacuum.

Spear head 1000 gals. of 15% HCL.
Frac Point Lookout formation with 3754 Foam bbls. of 60Q slick foam with 124,109 Lbs of 20/40 Brady. Treated last 25% with Sand Wedge additive for proppant control. Total N2= 1,141,344 Scf.
Avg. rate= 55 BPM, Avg. Psi= 1238 Psi, Max Psi= 2543 Psi. FG= .44 psi/ft. Max sand conc.= 1 1/2lb/gal.
ISDP= 88 Psi, Fluid to recover= 1634 Bbls.

2nd Stage Frac:
PJSA with Computalog. Discussed setting bridge plug and perforating the Menefee, Cliffhouse zones. Also talked about any safety issues.

MU and RIH w/ KOT 4" CBP and set @ 5308'. MU and RIH w/ 3 1/8" SF 90* PP degree 302g charges w/ .34" dia. and Perforate MEN/CH as follows: 5072'-5076', 5081'-5087', 5111'-5115", 5156'-5186', 5207'-5215', 5224'-5232', 5246'-5258'. For a total of 43 holes. Rig down Computalog.

Rig up Halliburton frac equipment.

Pressure test lines to 5020 Psi, Set pop-off at 3820 Psi. Start Step rate: 42 BPM at 1750 Psi, Step to 35.0 BPM at 1150 Psi, Step to 29.5 BPM at 712 Psi, Step to 23.8 BPM at 444 psi, Step 14 BPM at 0 Psi.

Spear head 24 bbl 15% HCL.
Frac MEN/ CH formation with 3200 Foam Bbls of 60Q Slick foam with 125,000 Lbs 20/40 Brady.
Treated last 25% sand with Sand Wedge for proppant control. Total N2= 1,638,715 Scf.
Avg. rate= 63.6 BPM, Avg. Psi= 2625 Psi, Max Psi= 3199 Psi. ISDP=1689 Psi, 5 Min= 1260 Psi
FG= .438 Psi/ft. Fluid to recover =1447 Bbls .

Shut well in. Rig down and release Halliburton Services.

PJSA with Wood Group flowback crew. Start Flowback w/ 16/64" choke.

3/3/2006 05:30 - 3/3/2006 17:30

Last 24hr Summary

Travel to S.J. 32-7 #41A.
J.S.A. & PJSM. Pre-trip unit.
Service, start & warmup equipment.
Road rig from S.J.32-7 #41A to S.J. 28-7 #55B.
Spot rig to WH.
Spot equipment to rig w/ RU trucks.
Raise & secure derrick.
RU 3" flowline, rig pump, pit & discharge lines.
Casing pressure @ 450 psi.
Pump 30 bbls 2% KCL water to kill well.
Install tubing hanger w/ bull plug in bottom. ND frac head. NUBOP. RU floor & power tongs.
Secure well, rig & location. SDFWE.

3/6/2006 05:30 - 3/6/2006 17:30

Last 24hr Summary

Casing 450 psi. BDW.
Press test BOP as per COPC proceedure. Held presuure 30 minutes. Good test. Rel. press.
Remove Bull plugged tbg hanger from / WH.
PU 3 7/8" mill, 2' pup jt. w/ stab., S.F. & 2 3/8" tbg.Strap pipe & TIH.
Tagged fill @ 5196'. RU Chick. & KH.
Press. test air lines.
Est. circ. Pump 1800 cfm AIR & 5bph 2% KCL mist w/ 15 gallons inihibitor & 5 gallons foamer per 20 bbls.
Circ. Est. Pump as above. CO frac sand fr/ 5,169' to 5308'.
PU & RU P.S.
Drl. out CBP.
Hang back P.S. Install TIW valve. Drain up. Secure well, rig, & loc. SDFN.
Travel to Yard.

3/7/2006 05:30 - 3/7/2006 17:30

Last 24hr Summary

Key Energy safety meeting
Travel to loc.
JSA & PJSM.
Service, start, & warm up equip. SICP 450 psig. BDW.
Strap & PU tubing. TIH & tagged fill @ 5635'.
PU P.S. & est. circ. w/ air. 1800 CFM & 5 BPH. 15 gal inhib & 5 gal foam per 20 bbl.
Circ est. Pump as above. CO frac sand from 5635' to 5894' (PBTD).
Circ. 1.5 hrs to CO frac sand.
RD P.S.
TOOH to 3137'.
SDF wind gusts. Install TIW valve. Secure well, rig, & loc. SDFN.
Travel to yard.

3/8/2006 05:30 - 3/8/2006 17:30

Last 24hr Summary

Travel to loc.
JSA & PJSM
Service, start, & warm up equip.SICP 440 psi. BDW.
TOH.
Kill well w/ 27 bbl 2% KCl wtr.
LD 3 7/8" mill, 2' pup jt, stab. & S.F.
PU muleshoe & 1.81" F nipple w/ slick line plug.
TIH to 5,613'. Drift tbg per COPC procedure.
Pmp 6 bbl 2% KCl wtr dwn tbg.
RU H & H Wireline Service.
Ret. plug fr/ F nipple.
RD slick line trk.
TIH. Tagged fill @ 5,861'.
Est. Circ. 1,800 CFM, 5 BPH. Add 15 gal Inhibitor, 5 gal foamer/20 bbl 2% KCl wtr.
Circ w/ air & chem as above.
TOH to 5,613'.
Install TIW valve. Secure WH, rig, & loc. SDFN.
Travel to yard.

3/9/2006 05:30 - 3/9/2006 17:30

Last 24hr Summary

Travel to loc.
JSA & PJSM.
Service, start, & warm up equip. SITP 340psi. SICP 340 psig. BDW.
Flow well up 2 3/8" 4.7# J-55 tbg on 1/2" positive choke (6.6 coefficient). EOT @ 5,613' w/ "F" nipple @ 5,611' (Perfs: Cliffhouse 5,072'-5,258', Point Lookout 5,617'- 5,742', PBTD 5,861') FTP 210 psig. SICP 340 psig. 6.6(coef) x 210 psi = Rec of 1.386 MMCFD, 7 BOPD, 23 BWPD. No sand evident at end of test.
BDW. Kill tbg w/ 5 bbl 2% KCl wtr.
TIH. Tagged fill @ 5,853 (PBTD 5,861', 8' fill). Test tubing to 1000 psi. Held OK. GOOD TEST. LD 12 jts tbg.
Land tubing & secure w/ lock down pins.
Production tubing string consists of:
1 ea - 2-3/8" Expendable check w/ mule shoe guide. EOT @ 5620'.
1 ea - 2-3/8" "F" nipple w/ 1.81 I.D. Top of "F" nipple @ 5618'.
179 jts. - 2-3/8", 4.7#, J-55, EUE8rd, NEW tubing.
1 ea - tubing hanger.
Kill well dwn tbg w/ 5 bbl 2% KCl wtr. Remove BPV.
NDBOP. NUWH.
RU flow line to tubing.
Flow well to recover kill wtr.
SWI. RDPU.
JOB COMPLETE. NOTIFY CONSTRUCTION TO INSTALL FACILITIES. RIG RELEASED @ 17:00 hrs. on 3/9/06. FINAL REPORT.

ConocoPhillips

END OF WELL SCHEMATIC

Well Name: San Juan 28-7 #55B
API #: 30-039-29415
Location: 115' FSL & 2355' FWL
Sec. 12 - T28N - R7W
Rio Arriba County, NM
Elevation: 6653' GL (above MSL)
Drl Rig RKB: 13' above Ground Level
Datum: Drl Rig RKB = 13' above GL

Patterson Rig: #749
Spud: 20-Jan-06
Spud Time: 1:00
Date TD Reached: 28-Jan-06
Release Drl Rig: 29-Jan-06
Release Time: 0:00

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: 20-Jan-06 [X] New [ ] Used
Size 9 5/8 in
Set at 234 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 234 ft
TD of 12-1/4" hole 245 ft

Notified BLM @ 11:25 hrs on 15-Jan-06
Notified NMOCD @ 11:30 hrs on 15-Jan-06

SurfaceCement
Date cmt'd: 20-Jan-06
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: 15.0 bbls fresh wtr
Bumped Plug at:
Final Circ Press: 60 psi @ 0.5 bpm
Returns during job: YES
CMT Returns to surface: 10 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)

440

Intermediate Casing Date set: 23-Jan-06 [X] New [ ] Used
Size 7 in 87 jts
Set at 3744 ft 0 pups
Wt. 20 ppf Grade J-55
Hole Size 8 3/4 in Conn STC
Excess Cmt 150 % Top of Float Collar 3698 ft
T.O.C. ~~SURFACE~~ 440 Bottom of Casing Shoe 3744 ft
Pup @ ft TD of 8-3/4" Hole 3755 ft
Pup @ ft

Notified BLM @ 20:30 hrs on 21-Jan-06
Notified NMOCD @ 20:25 hrs on 21-Jan-06

Intermediate Cement
Date cmt'd: 23-Jan-06
Lead : 339 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, 920.8 cuft slurry at 11.7 ppg
Tail : did not pump
see comments below

Squeeze Cement:
Date cmt'd: 25-Jan-06
Lead : 500 sx Class G Cement
+ 0.25 lb/sx D029 Cellophane Flakes
+ 3% D079 Extender
+ 0.20% D046 Antifoam
2.60 cuft/sx, 920.8 cuft slurry at 11.7 ppg
Tail : 100 sx Class G Cement
+ 0.15% D065 Dispersant
+ 0.25% D167 Fluid Loss
+ 0.10% D046 Antifoam
1.17 cuft/sx, 117.0 cuft slurry at 15.8 ppg

4 Perforations @ 3510' →
Intermediate TOC @ 3671' →

Production Casing: Date set: 28-Jan-06 [X] New [ ] Used
Size 4 1/2 in 141 jts
Set at 5939 ft 0 pups
Wt. 10.5 ppf Grade J-55
Hole Size 6 1/4 in Conn STC
Excess Cmt 50 % Top of Float Collar 5937 ft
T.O.C. (est) 3544 Bottom of Casing Shoe 5939 ft
Marker Jt @ 5244 ft TD of 8-3/4" Hole 5941 ft
Marker Jt @ ft
Marker Jt @ ft
Marker Jt @ ft

Notified BLM @ hrs on
Notified NMOCD @ hrs on

Production Cement
Date cmt'd: 28-Jan-06
Cement : 260 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, 377.0 cuft slurry at 13.0 ppg
Displacement: 95 bbls
Bumped Plug: 14:00 hrs w/ 850 psi
Final Circ Press:
Returns during job: None Planned
CMT Returns to surface: None Planned
Floats Held: X Yes __ No

Top of Float Collar 5937 ft
Bottom of Casing Shoe 5939 ft

TD of 8-3/4" Hole: 5941 ft

Schematic prepared by:
Michael P. Neuschafer, Drilling Engineer
30-January-2006

COMMENTS:

9-5/8" Surf:	No float equipment was run. Ran a guide shoe. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 224', 147', 103', 60'. Total: 4
7" Intermediate	CENTRALIZERS @ 3734', 3656', 3570', 3484', 3398', 3313', 189', 104', 61'. Total: 9 TURBOLIZERS @ 2712', 2669', 2626', 2585', 2542'. Total: 5
7" Intermediate Notes:	Pump 339 sx of lead cement and pump pressure spiked. Shut down job with 12-14 bbls cement behind pipe. Drilled out cement and ran CBL. TOC @ 3671'. Shot perfs @ 3510' per regulatory agencies. Set cement retainer @ 3450' and began circulating. Pumped 500 sx of lead cement & 100 sx of tail cement thru retainer. WOC for 24 hours before drill out reatiner. Ran wireline survey and TOC @ 440'. OK by regulatory agenices to continue drilling operations.
4-1/2" Prod.	None.