

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOGFORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 20001a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry Other  
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.,  
Other 2005 JUN 1 AM 9 322. Name of Operator  
ConocoPhillips Co.3. Address  
P.O. Box 2197, WL3-6081 Houston Tx 7725207 Phone No. (Include area code)  
(832)486-2463

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

At Surface Sec 30 T32N R10W NWSE 1650FSL 1650FEL

At top prod. interval reported below

At total depth

14. Date Spudded  
01/17/197515. Date T.D. Reached  
02/04/197516. Date Completed  
☐ D & A ☒ Ready to Prod.  
05/11/20055. Lease Serial No.  
NMSF076554

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.  
Hamilton 1A9. API Well No.  
30-045-216445 310. Field and Pool, or Exploratory  
Basin Fruitland Coal11. Sec., T., R., M., on Block and  
Survey or Area Sec 30 T32N R10W12. County or Parish  
San Juan13. State  
NM17. Elevations (DF, RKB, RT, GL)\*  
6128' KB18. Total Depth: MD 5423  
TVD19. Plug Back T.D.: MD 5369  
TVD20. Depth Bridge Plug Set: MD 2892  
TVD21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)  
GR/CCL22. 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13.75	10.75 H40	33	0	157		125		0	
8.75	7.0 N80	23	0	3176		250		0	
6.125	4.5 CW55	11	0	5418		300		0	

## 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	2889							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	2654	2890	2654' - 2890'			Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material

## 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
5/11/05	5/10/05	24	→	0	34	0			Pumping Unit
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2	4	1	→					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)

ACCEPTED FOR RECORD

JUN 06 2005

FARMINGTON FIELD OFFICE

BY

NMOCD

## 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 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
				Pictured Cliff	3239
				Fruitland	3666
				Ojo Alamo	4555
				Cliffhouse	4732
				Menefee	4806
				Pt. Lookout	5140

## 32. Additional remarks (include plugging procedure):

This well was recompleted to the Basin Fruitland Coal. A plug was placed over the Mesaverde @ 2892' and the well is for now only producing from the Basin Fruitland Coal. The intent is to drill out the plug in a few months and commingle the Fruitland Coal and Mesaverde intervals.

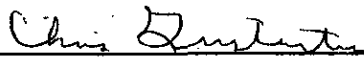
## 33. Circle enclosed attachments:

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 GustartisTitle Regulatory Analyst

Signature

Date 05/31/2005

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 fraudulent statements or representations as to any matter within its jurisdiction.

**Re-Completion, 04/27/2005 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
300452164400	SAN JUAN	NEW MEXICO	NMPM-32N-10W-30-J	1,650.00	S	1,650.00	E
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,091.00	36° 57' 12.528" N	107° 55' 11.28" W	01/17/1975	02/03/1975			

**04/27/2005 07:00 - 04/27/2005 16:00**

**Last 24hr Summary**

Held Safety meeting w/ crew. Discussed possible hazards & ways to avoid them: (Moving rig; rigging up; spotting equipment). Pick up & move all equipment off of San Juan 30-5 #62 & take over to the Hamilton #1A. Drive rig to Hamilton #1A. Held Safety meeting w/ crew upon arrival @ new location. Discussed possible hazards & ways to avoid them: (Moving rig; rigging up; spotting equipment). LO/TO location @ Meter run; Cathodic 220 volt rectifier; Electricians remove transducers & disconnect batteries; Blow down all pressure lines & vessels; Shut down compressor. Rig Up Service unit - raise derrick & secure guys. Wait on lightning storm. Cab up in doghouse. Secure well; lock up tools; SIFN.

**04/28/2005 00:00 - 04/28/2005 16:00**

**Last 24hr Summary**

Held Safety meeting w/ crew. Discussed possible hazards & ways to avoid them: (Nipple up/down; Test BOP's; Pull tubing; Wireline set CBP). RU Slickline Unit; RIH & fish stuck plunger @ 2990'; RIH w/ block to tag spring @ EOT. RD SL Unit. Blow down casing (145 psi) & tubing (0 psi); Kill tubing w/5 bbl; ND well head; NU BOP's; Rig up Pump. Test Pipe rams : 300 psi low & 1500 psi high - All Good. Rig Geronimo; Pull tubing hanger; move flow back up to rig's spool. Pull Tubing. RU Blue Jet Wireline; RIH w/ 5.75 gauge ring, ccl. Log across depth to set plug; log across short joints. LD gauge ring & PU 7" Fasdrill CBP & CCL, RIH , tie in to collars; Set CBP @ 2893' TOP. TOH & LD Setting tool; RD Wireline. ND BOP's; NU Wellhead. Secure well; Lock up equipment; SIFN.

**04/29/2005 00:00 - 04/29/2005 16:00**

**Last 24hr Summary**

Held Safety meeting w/ crew. Discussed possible hazards & ways to avoid them: (Nipple up/down; Hor work permit to weld on Well head; Test BOP's; Pull tubing/Lay down). Remove lower wellhead/tubing spool & replace w/ Base flange. Sniff well & prepare Hot Work Permit and weld on to casing. Nipple up new tubing spool w/ 3" 2K casing valves. TIH w/36 stands and come out laying down. Secure pipe trailer for removal; Change to 2 7/8" elevators; Pull 2 3/8" rams; send 2 7/8" rams to town for repair. Wait on flowback tank delivery. Spot flowback tank & Pick up tubing trailer. Take tubing to Tuboscope. SIFN.

**04/30/2005 00:00 - 04/30/2005 16:00**

**Last 24hr Summary**

Dawn trucking haul in & spot 94 joints of 2 7/8" N-80 tubing for TCP job on Monday. Drop trailer & re-position flowback tank. Contact all interested parties via e-mail to discuss shooting 2nd & 3rd stages as one.

**05/02/2005 00:00 - 05/01/2005 16:00**

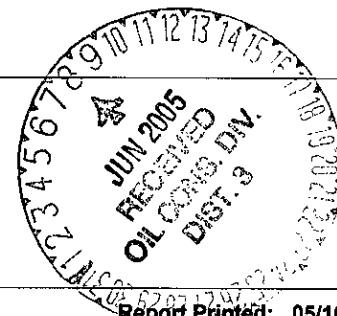
**Last 24hr Summary**

Held Safety meeting w/ crew. Discussed possible hazards & ways to avoid them: (Test rams; PU guns; Wireline; Tubing tester; Perforate; N2 pumping). Install 2 7/8" Pipe rams & test to 2250 psi - Good. Held Safety meeting w/ TCP hand & crew. Discussed possible hazards & ways to avoid them: (Picking up & running in w/ TCP guns, packer, picking up tubing). Pick up & RIH w/ TCP guns & Packer (7" 23# PLS). Testing tubing to 5500 psi on the way in. Rig up wireline & pull CCL & Gamma Ray Survey to correlate depth on guns prior to setting packer. RD Wireline & space out guns & packer. Get on depth. Move in & Rig up N2. Attempt to set Packer - No Good. Tried everything - Still No Good. TOO H w/ Packer & Guns. Lay down packer. Leave Guns hanging. Road Packer to town to swap PLS for RTTS. Stake out N2 truck & release crew 'til A.M. Secure wellsite, Rig. SIFN.

**05/03/2005 00:00 - 05/03/2005 17:30**

**Last 24hr Summary**

Monthly Safety Meeting @ Key - Topics covered: Heat Stroke & Near Misses. Drive to Location. Fire up rig; Pull 2.25 F nipple & place above packer; replace PLS w/ RTTS; insert F plug in F nipple; TIH. Attempt to close by-pass. No Good. Must pull out of hole to close. TOH. Close bypass on surface; eat a quick lunch & Run back in w/ RTTS & Guns, plug in place @ F nipple. Tag up; Space out; Install tbg hanger; Set RTTS w/ guns on depth and land tubing. Secure lock-downs. RU Slickline; RIH w/ spear & equalize F plug (no u-tube blow - means by-pass is closed on packer); RIH w/ retrieving tools and attempted, unsuccessfully, 5 times, to pull plug. Must pull packer again. RD Wireline; Secure N2 pumper & stake out for another night - release service hands. Pulled 5 stands; Lightning nearby; Secure wellsite; PU tools; SIFN.



05/04/2005 00:00 - 05/04/2005 17:30

### Last 24hr Summary

Met crew for Quarterly Safety Meeting & Breakfast at Best Western. Drove to location.

On location. Prepare well for tripping; fire up rig; unlock rams, etc. Hold PJSA.

TOH; Pull F nipple w/ stuck plug & replace; Inspect packer & close by-pass; TIH w/ packer & guns.

MU tbg hanger; Space out, set packer & land w/ RTTS @ 2818' & top shot @ 2860'; RU Howco N2.

Pre-job safety meeting w/ Halliburton TCP, N2, Rig crew. Discussed job and everyone's role. Discussed N2, Guns, & pump pressure on casing. Discovered TIW underrated for job - removed & rigged up w/o it.

Test lines to 6K; Start N2 w/ 500 on casing. Build pressure on firing head w/ N2 & build pressure on casing w/ rig pump. Guns fired @ 4000 psi w/ 1850 psi on casing. Pressure dropped to 1200 while chasing perfs w/ 4M SCFM of N2. Shut down - ISIP = 780 psi. 15 minute SIP = 65 psi.

Shut in well w/ 65 psi. RD Halliburton N2; RU flowback line & 1/2" choke.

Open on 1/2" choke to flowback N2. Start @ 35 psi.

PSI down to 28 psi; Shut in well; remove Halliburton Iron; Install TIW valve & install 1 1/4" full open nipple in choke line. Open well - back up to 35 psi; Blew down to steady flow <5 psi in <5 minutes. Let flow & check for LEL for presence of Gas.

Check LEL = 69% @ flowback. Call it good, SIFN.

05/05/2005 00:00 - 05/05/2005 17:30

### Last 24hr Summary

Held Safety meeting w/ crew. Discussed possible hazards & ways to avoid them: (Pull Guns; Lay down guns & packer; Wireline set Bridge plug).

Fire up rig; RU Slickline; RIH & pull temperature survey:

2850'	30 minutes	111.75 psi
2840'	5 minutes	111.55 psi
2800'	5 minutes	111.52 psi
2700'	5 minutes	111.36 psi
2500'	5 minutes	110.86 psi
2000'	5 minutes	109.58 psi
1500'	5 minutes	108.24 psi
750'	5 minutes	106.17 psi
Surface	5 minutes	104.01 psi

Tubing appears to be dry. BHT (static) is 114.11°F.

Release RTTS & TOH w/ guns & packer; Lay down spent guns (all shots fired) & packer; release toolman to load 2nd stage.

Wait on Wireline crew to arrive - Eat.

Wireline on location; Spot equipment; Hold JSA; PU 7" Fasdriil Bridge Plug; RIH on Baker-20 @ set @ 2752', Top of Plug; POH, Lay down tools; Rig down wireline.

Load hole & test casing & Bridge Plug to 1000 psi - Good.

Secure wellsite; SIFN.

05/06/2005 00:00 - 05/06/2005 17:30

### Last 24hr Summary

Held Safety meeting w/ crew. Discussed possible hazards & ways to avoid them: (Run in w/ guns; pump N2; Wireline)

Spot gun trailer; hold PJSA; Pick up guns, packer, & run in hole. Tag CBP; RU Wireline; Run GR/CCL; Correlate depth. Space out guns; Rig up N2; Cool down.

Hold PJSA; Pressure up w/ N2; Guns fire @ 4000 psi; Casing 1950 psi. Casing lost pressure, lost packer seat; Continue to pump N2 @ 4K SCFM. Shut in, casing on vacuum; tubing 875 psi. 15 min. 375 psi.

Open well on 1/2" choke @ 430 psi. Bled down to 0 psi in <3 minutes. No flow. Secure wellsite. SIFN.

05/07/2005 00:00 - 05/07/2005 17:30

### Last 24hr Summary

Held Safety meeting w/ crew. Discussed possible hazards & ways to avoid them: (Pull Guns; Lay down guns & packer; unload w/ air).

Release packer; TOH w/ guns; Lay down all 2 7/8", Guns, & Packer; PU 2 3/8" tubing & TIH w/ notched collar; Land @ 2751' (1' off CBP).

Unload hole w/ air (25 bbl); Let well flow; Unload again (15 bbl); Shut down air - No flow. Shut well in for pressure build up.

SIFN.

05/09/2005 00:00 - 05/09/2005 18:15

### Last 24hr Summary

Held Safety meeting w/ crew. Discussed possible hazards & ways to avoid them: (Pull psi survey; trip tubing; PU Collars; Drill w/ air). RU Slickline & RIH w/ psi gauges; Pull Psi Gradient Survey; Lay down tools; RD S/L Unit. Results:

Surface	132.43 psi	Start & TIH	Casing 20 psi
2745'	146.25 psi	30 minutes	BHST 112.20° F
2700'	142.99 psi	5 minutes	
2660'	142.60 psi	5 minutes	
2600'	142.18 psi	5 minutes	
2300'	140.57 psi	5 minutes	
2000'	138.97 psi	5 minutes	
1500'	136.43 psi	5 minutes	
750'	132.74 psi	5 minutes	
Surface	128.98 psi	5 minutes	

Spot Drill Collars; PU & place on float; Release Dash for broken floorboards; TOH w/ tubing.

PU BHA, w/6 1/4" junk mill; Won't enter casing; Bell Nipple must be for 29# casing - call for 6 1/8" junk mill & drive out to highway to swap out.

Back on loc. w/ 6 1/8" mill; PU & RIH w/ 4 ea. 3 1/8" collars; Tag up & Lay down 6 singles; PU & RU power swivel; Start Air. Unload hole w/Air & start milling on 7" Fasdriill Bridge plug (@ 15:15 P.M.)

Unload hole w/Air & start milling on 7" Fasdriill Bridge plug (@ 15:15 P.M.). Made 2' - still there.

Will finish plug in A.M. Pump 3 bbl sweep; Secure well site; SIFN.

05/10/2005 00:00 - 05/10/2005 17:30

### Last 24hr Summary

Held Safety meeting w/ crew. Discussed possible hazards & ways to avoid them: (Trip tubing; Lay Down Collars; Drill w/ air; Flow test). Start Air & Drill out remainder of Plug.

Plug broke through; Pump sweep; Chase in to tag on Plug @ 2892'.

Wash w/ Air to get plug carcass settled in on 2892' plug. Top @ 2890'.

Pump sweep; SD Air; Rig Down Swivel; Straighten up floor and trailer to prepare for laying down collars.

TOH w/ tubing & Lay down Drill Collars, Mill, Clamps, Nubbins, etc. Eat.

TIH w/ 2 3/8" tubing, seat nipple, mule shoe collar to 2885'.

Unload hole w/ air. (Dawn Trucking picked up Pipe Trailer - all tubing & equipment to High Tech).

SD Air; Rig up tubing to flow back to 1/2" choke. Results follow:

FC Perfs 2654-63, 2744-49, 2860-78, 2886-90

14:30	tubing 95 psi	casing 65 psi
14:35	tubing 0 psi	casing 65 psi
14:55	tubing dead	casing 65 psi

Shut in tubing & hook up to casing to 1/2" choke. Try flowing casing:

15:00	tubing 0 psi	casing 62 psi
15:05	tubing 1 psi	casing 32 psi
15:10	tubing 1 psi	casing 21 psi
15:15	tubing 2 psi	casing 10 psi
15:20	tubing 2 psi	casing 3 psi
15:25	tubing 2 psi	casing 1 psi
15:30	tubing 3 psi	casing 1 psi
15:45	tubing 4 psi	casing 1 psi
16:00	tubing 4 psi	casing 1 psi

Appears stabilized ...

Secure Flow test; TOH w/ 2 3/8" tubing; Rig Down Air package; Call for rods & pump in A.M.



05/11/2005 00:00 - 05/11/2005 17:30

## Last 24hr Summary

Held Safety meeting w/ crew. Discussed possible hazards & ways to avoid them: (Trip tubing; Trip Rods & Pump; Nipple Up/Down; Rig Down).  
Spot trailer w/ rods, etc. Inspect load & Strap mud anchor, etc.  
PU Mud Anchor & TIH w/ production tubing. Space out w/ pups & land @ 2889'.  
Secure Tubing Hanger; ND BOP's; NU Wellhead; Ratigan; Flow Tee, etc. Set Floor.  
Pick up pump, gas anchor, etc. w/ 4' pony rod; Run 5 sinker bars; PU & run in w/ 3/4" T-54 rods.

Land pump; Pu pony rods & Polished Rod to Space out & Land; MU Stuffing Box:

Bottom of Gas anchor: 2883'

Seat on 1.78 'F' nipple @ 2857' (88 rods, 5 Sinker Bars)

Polished Rod Showing w/ soft Tag: 14"

Load Tubing & test pump seat & stuffing box to 500 psi - Good.

Stroke test pump to 550 psi - Good.

EAT.

Rig down and secure all equipment for Rig Move in A.M.

Secure wellsite & SIFN.