

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

2. Name of Operator
ConocoPhillips Company

3. Address
5525 Highway 64 Farmington NM 87401

3a. Phone No. (include area code)
(505) 592-3405

4. Location of Well (Report location clearly and in accordance with Federal requirements)
At Surface NWSE SEC 9 T32N 8W 1001 FSL & 1212 FEL

At top prod. interval reported below

At total depth SAME AS ABOVE

14. Date Spudded

09/11/2005

15. Date T.D. Reached

09/19/2005

16. Date Completed

☐ D & A ☒ Ready to Prod.

12/02/2005

5. Lease Serial No.
NMNM084809

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

SAN JUAN 32-8 UNIT 264A

9. API Well No.

30-045-32754

10. Field and Pool, or Exploratory

BASIN FRUITLAND COAL

11. Sec., T., R., M., on Block and
Survey or Area J Sec: 9 Twn: 32N

12. County or Parish

SAN JUAN

13. State

NM

17. Elevations (DF, RKB, RT, GL)*

7010 GL

18. Total Depth: MD 4015
TVD 4015

19. Plug Back T.D.: MD 3935
TVD 3935

20. Depth Bridge Plug Set: MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
CNI, GR/CCL logs

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625H-40	32.3	0	235		150		0	15 bbl
7.875	5.5 J-55	17.0	0	4014		825		0	5 BBL

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	3710							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	3615	3662	3615-3662	.42"	34	Open
B) Basin Fruitland Coal	3538	3571	3538-3571	.42"	48	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
3615-3662	Pumped 22# Green Lightning in Pad w/3000# 40/70 AZ sand. Frac Lower FC w/22# Green Lightning w/FS. Pumped 77,000# 16/30 Brady sand. Total sand 80,000#. Fluid 1857 bbl.
3538-3571	Pumped 20# Green Lightning in Pad w/1500# 40/70 AZ sand. Frac the upper FC w/20# Green Lightning w/FS. 65,500 16/30 Brady. Total sand 67,000#. Fluid: 1267 bbl.

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
12/02/05	11/30/05	4	→	0	429	30 bwpd			Gas 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"	n/a	350	→					Shut-in	

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 page 2)

ACCEPTED FOR RECORD

DEC 20 2005

FARMINGTON FIELD OFFICE

NMOC

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.)

Sold

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
				Nacimiento	983
				Ojo Alamo	2448
				Kirtland	2593
				Fruitland	3453
				Top Coal MD	3537
				B Main Coal MD	3664
				PC Tongue MD	3785
				B Lowest Coal MD	3910
				Top PCCF MD	3911

32. Additional remarks (include plugging procedure):

This well is a single well producing from the Basin Fruitland Coal. Attached is the Wellbore Schematic and the Daily Summaries.

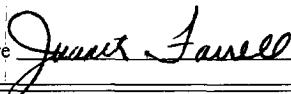
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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) Juanita FarrellTitle Regulatory Analyst

Signature

Date 12/09/2005

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.

END OF WELL SCHEMATICWell Name: **San Juan 32-8 #264A**API #: **30-045-32754**Location: **1001' FSL & 1212' FEL**

Sec. 09 - T32N - R8W

San Juan County, NM

Elevation: **7010' GL (above MSL)**Drl Rig RKB: **13' above Ground Level**Datum: **Drl Rig RKB = 13' above GL****Surface Casing**Date set: **11-Sep-05**Size **9 5/8** inSet at **235** 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 **235** ftTD of 12-1/4" hole **245** ft

Notified BLM @ _____ hrs on _____

Notified NMOCD @ _____ hrs on _____

Production CasingDate set: **20-Sep-05**Size **5 1/2** in **92** jtsSet at **4014** ft **0** pupsWt. **17** ppf Grade **J-55**Hole Size **7 7/8** in Conn **LTC**Excess Cmt **160** % Top of Float Collar **3969** ftPup Jt @ _____ ft Bottom of Casing Shoe **4014** ftTD of 7-7/8" Hole **4015** ft

Notified BLM @ _____ hrs on _____

Notified NMOCD @ _____ hrs on _____

9-5/8" 8 RD x 11" 3M Casing Head

☒ New
☐ Used☒ New
☐ UsedPatterson Rig: **#749**Spud: **11-Sep-05**Spud Time: **17:00**Date TD Reached: **19-Sep-05**Release Drl Rig: **21-Sep-05**Release Time: **0:00****Surface Cement**Date cmt'd: **12-Sep-05**Lead : **150** sx Class G Cement+ **2% S001 Calcium Chloride**+ **0.25 D029 Cellophane Flakes****1.16** cuft/sx, **174.0** cuft slurry at **15.8** ppgDisplacement: **16.0** bbls fresh wtrBumped Plug at: **00:30** hrs w/ **450** psi

Final Circ Press: _____

Returns during job: **YES**CMT Returns to surface: **15** bblsFloats Held: **No floats used**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 Cement**Date cmt'd: **20-Sep-05**Lead : **540** sx Standard Class G Cement+ **3.0% D079 Extender**+ **0.25 lb/sx D029 Cellophane Flakes**+ **0.2% D046 Antifoam****2.61** cuft/sx, **1409.4** cuft at **11.7** ppgTail : **285** sx 50/50 POZ : Standard cement+ **2% D020 Bentonite**+ **5 lb/sx D024 Gilsonite Extender**+ **0.25 lb/sx D029 Cellophane Flakes**+ **2% S001 Calcium Chloride**+ **0.1% D046 Antifoam****1.27** cuft/sx, **362** cuft slurry at **13.5** ppgDisplacement: **93** bblsBumped Plug: **14:30** hrs w/500 psi

Final Circ Press: _____

Returns during job: **Yes**CMT Returns to surface: **5** bblsFloats Held: ☒ Yes ☐ No

Schematic prepared by:

Aaron Fuhr, Development Engineer

21-September-2005

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 @ 191'.

Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt.

CENTRALIZERS: First at 225', other three allowed to float on joints 2-4.

Total: **4**

5 1/2" Production DISPLACED W/ 93 BBLs. PRODUCED WATER.

CENTRALIZERS @ 4000', 3952', 3836', 3748', 3660', 3571', 216', 84' & 39'.

Total: **9**

TURBOLIZERS @ 2644', 2599', 2555', 2511' & 2467'.

Total: **5**



Regulatory Summary

SAN JUAN 32 8 UNIT #264A

INITIAL COMPLETION, 9/29/2005 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
300453275400	San Juan	NEW MEXICO	NMPM-32N-08W-09-P	1,001.00	S	1,212.00	E
Ground Elevation (ft)		Latitude (DMS)	Longitude (DMS)	Spud Date		Rig Release Date	
7,010.00		36° 59' 38.0004" N	107° 40' 27.9984" W	9/11/2005		9/20/2005	

9/29/2005 09:00 - 9/29/2005 12:00

Last 24hr Summary

Held safety meeting. RU Wood group pressure pump. Tested 5 1/2" csg to 4500 # for 30 min. Held ok. SWI. RD Woodgroup.

10/20/2005 08:00 - 10/20/2005 12:00

Last 24hr Summary

Held safety meeting. RU Computalog. Perforated the lower Fruitland Coal. RIH w/ 3 1/8" slickgun w/ Titan 322g. Perforated from 3615' - 3617' w/ 2 spf, 3620' - 3625' w/ 2 spf, 3630' - 3632' w/ 2 spf, 3654' - 3662' w/ 2 spf. A total of 34 holes w/ .42 dia. SWI. RD Computalog.

10/21/2005 09:00 - 10/21/2005 15:00

Last 24hr Summary

Held safety meeting. RU BJ Services. Frac the Lower Fruitland Coal. Tested lines to 5500 #. Set pop off @ 4250 #. Broke down formation @ 5 BPM @ 1450 #. Pumped 1500 gals of 15% formic acid @ 5 BPM @ 1870 #. Pumped 22 # Green Lightning in Pad w/ 3000 # of 40 / 70 Arizona sand @ .25 # sand per gal. Frac the Lower Fruitland Coal w/ 22 # Green Lightning w/ FS. The well pressured up and screened out, with only 55% of proppant in formation. Pumped 77,000 16/30 Brady sand. Total sand pumped 80,000 #. 1857 bbls fluid. Avg rate 45 BPM. Avg pressure 3055 #. Max pressure 4300 #. Max sand cons 3 # per gal. ISIP 3678 #. Frac gradient 1. Tagged pad (all 3) w/ Scandium. SWI. RD BJ Services.

11/5/2005 08:00 - 11/5/2005 16:00

Last 24hr Summary

Held safety meeting. RU Coil tbg. SICP 0 #. RIH w/ 1 1/4" coil tbg. Tagged sand @ 1800'. 2169' of fill. Cleaned out from 1800' to 3690'. Perfs @ 3615' to 3662'. Well was making sand and about 60 bbls of water per hr. Recovered 360 bbls of water. Pooh w/ coil tbg. SWI.

11/6/2005 08:00 - 11/6/2005 14:00

Last 24hr Summary

Held safety meeting. RU Coil tbg. SICP 300 #. RIH w/ 1 1/4" coil tbg. Tagged sand @ 3670'. 299' of fill. cleaned out from 3670' to 3969 PBTd. Perfs @ 3615' to 3662'. circulated well clean w/ air. Pooh w/ coil tbg. SWI. RD coil tbg.

11/21/2005 06:45 - 11/21/2005 15:00

Last 24hr Summary

Held safety meeting. RU Computalog. RIH w/ 5 1/2" composite plug. Set plug @ 3600'. Tested plug to 4500 #. Held ok. Perforated the Upper Fruitland Coal. RIH w/ 3 1/8" slickgun w/ Titan 322g. Perforated from 3538' - 3540' w/ 4 spf, 3546' - 3548' w/ 4 spf, 3556' - 3559' w/ 4 spf, 3561' - 3564' w/ 4 spf, 3569' - 3571' w/ 4 spf. A total of 48 holes w/ .42 DIA RD Computa. RU BJ Services. Frac the Upper Fruitland Coal. Tested lines to 5500 #. Set pop off @ 4250 #. Broke down formation @ 5 BPM @ 1670 #. Pumped 1000 gals of 28% formic acid @ 4 BPM @ 1575 #. Pumped 20 # Green Lightning in Pad w/ 1500 # of 40 / 70 Arizona sand @ .25 # sand per gal. Frac the Upper Fruitland Coal w/ 20 # Green Lightning w/FS. 65,500 16/30 Brady sand. Total sand pumped 67,000 #. 1267 bbls fluid. Avg rate 51 BPM. Avg pressure 2813 #. Max pressure 4200 #. Max sand cons 5 # per gal. ISIP 3678 #. Frac gradient 1.10. SWI. RD BJ Services.

11/21/2005 07:00 - 11/22/2005 17:00

Last 24hr Summary

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA. Stand-by waiting for frac crew to frac , RD and move off loc. MI spot unit and equipment. SDFN.

11/22/2005 07:00 - 11/23/2005 17:00

Last 24hr Summary

SICP=420#
PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA. Check location for hazards and LEL's. Spot Key rig # 15. Ru unit, pump and blow line. SICP=420#. BWD to 0#. Set tbg hanger through frac stack. ND frac stack. NU BOPE. PJSM w/ roust-about crew. RU blooie line, air unit, 2" flow line and place all concrete blocks. Load BOP w/ water. RU Key Energy pressure pump. Pressure test blind and pipe rams to 200# low and 3000# high . Test was good. Charted and witnessed by M.Potohaas w/ Key energy. RU floor and tbg. tools. Remove thread protectors. MU and Rih w/ 4 3/4" cone bit, bit sub, x/o and 80 jts 2 3/8" tbg. Tagged fill @ 2500'. Secure well & SDFN.

11/23/2005 07:00 - 11/24/2005 14:30

Last 24hr Summary

SICP=200#
PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA. BWD, Load hole w/ h20. Pressure test to sand plug. Test to 500#. Pressure down to 0# in 4 min. Establish circulation w/ air. Unload hole. Well returning heavy sand. Pressure below sand bridge trying to push tbg up hole. Circulate till sand returns slowed. C/O sand from 2401' to 2550'. Circulate clean. Pooh w/ 20 jts 2 3/8" tbg. Drain equipment. Secure well SDF Holiday weekend.

11/28/2005 07:00 - 11/29/2005 17:15

Last 24hr Summary

SICP=200#
PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA. Thaw out frozen well head, and BOP w/ flex hoses. Replace batteries in mist pump. BWD, Tih w/ 26 jts 2 3/8" tbg. Tagged fill @ 2590'. Establish circulation w/ 1150 cfm air mist. Unload hole. C/O fill from 2590' to CBP @ 3631'. (CBP 31' deeper than originally set). Well returning light to medium sand. Circulate clean. RU power swivel. Drill CBP @ 3631'.Continue to tih and tag @ 3841'. C/O to 3900'. Circulate clean. Pooh w/ 20 jts 2 3/8" tbg. Drain equipment. Secure well SDFN.

Regulatory Summary

ConocoPhillips

SAN JUAN 32 8 UNIT #264A

11/29/2005 07:00 - 11/30/2005 17:15

Last 24hr Summary

SICP=350#

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.

BWD, TIH/20jts, Tag fill 3900', Rig up Power swivel., Establish Circulation/ 1150CFM air/mist,unload hole. Continue to C/O fill from 3900' to PBTD of 3935', Circulate Clean, TOO/ 125 jts 2-3/8" tbg, Lay down Bit, MU and TIH with 1/2 Muleshoe expendable check, 1.81" F Nipple, and 125 jts 2-3/8" Tbg. Tag no Fill. Unload Hole/ Air & Mist, Circulate Clean, Pull 16 jts.. Secure Well, Drain Equipment. SDFN

11/30/2005 07:00 - 12/1/2005 17:15

Last 24hr Summary

SICP=550#

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.

BWD, TIH with 16 Jts, Tagged no fill at 3935'. Circulated and unload hole. PUH to 3622'. Pump 3 bbls water, drop ball, pressured up with air to 700 psi, Pumped off check. Unload hole. Shut down air Unit. Open well flowing up tbg to atmosphere. Flow test FC as follows:

FC Perfs-3538' to 3662'

2-3/8" tbg set @ 3622' w/ 1/2" choke @ surface (coefficient of 6.6)

SICP= 350#

FTP= 65#

FC Production=429 MSCF/Day

BWPD= 30

BOPD= 0

Test Witnessed by= M Pantojas/ Key Energy Services

No Sand

PJSM/ H&H Slickline, Protechnics & Rig Crew. RU SL Unit. MU and RIH with EOT locator, and tag no fill @3935'. PUH and find EOT @ 3622'. POOH. MU & RIH w/Protechnics memory Spectra Scan Isotope Logging Tools. Log from 3538' to 3662'. POOH & retrieve data. RD Service Comp. POOH w 115 jts tbg, Lay down BHA, Prep for Radial Caliper Log. Secure well, Drain Equip., SDFN.

12/1/2005 07:00 - 12/2/2005 17:15

Last 24hr Summary

SICP=350#

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.

ND Stripping Head.

PJSM w/ Computalog and Rig Crew, RIH w Radial Caliper Log, Pull log from 3933' to Surf.

Rig down Service Company.

M/U, TIH drifting w/ 2-1/16" Notched Collar, 2-1/16" Standing Nipple (1.5" ID), 2-1/16" X 2-3/8" Cross-over, 2-3/8" Mud Anchor Joint W/ 1/2" Hole drilled just below the top upset, 115 joints 2-3/8" EUE Tubing, 6' by 2-3/8" Tbg. Sub, 10' by 2-3/8" Tbg. Sub, 1 joint 2-3/8" Tbg.. N/U Tbg Hanger, Land Well w/ EOT@ 3710'. Top of 1.781" FN @ 3676'. ND BOPE, NU 5k B1 adapter, radigan, pumping tee w/ nipples and valves and TIW valve.

Wait for slick line unit. PJSM w/ H&H wire line. RIH to 3676' and pull plug in FN. Pooh. RD H&H. Spot Rod trailer. RD blooie line. Secure well, Drain all equipment. SDFN

12/2/2005 07:00 - 12/3/2005 00:00

Last 24hr Summary

SICP=350# SITP= 70#

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA. BWD, MU and Rih w/ 2"x 1 1/2" x 12' RWAC-ZDV COP CBM pump Serial # CP 289, (3) 1 1/4" sinker bars, (144) 3/4" sucker rods, (2) 3/4" pony rods consisting of 6', 4', (1) 22' 1 1/4" polished rod. Spaced out w/ soft tag. Seated pump. Loaded tbg and pressure tested to 500#, Bleed down tbg. Stroked pump and pressured up to 500#. Bleed tbg down. Stroked pump w/ rig to ensure pump is working correctly. Hung rods off w/ 18" of polished rod showing. SWI.

RD equipment and unit. Prep to MOLOC.

Turn over to construction group to build facility. { FINAL REPORT }

PJSA w/ Dawn Trucking prior to R/D, and Moving rig. Discussed hazards during R/D operations, and ways to avoid incidents. Filled out and reviewed JSA.

Load equipment and move rig to the SJ 29-5 #66G.