

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____ 2005 AUG 11 PM 11 15

2. Name of Operator
ConocoPhillips Company

3. Address 3.a Phone No. (Include area code)
5525 Highway 64 Farmington NM 87401 (505)599-3419

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface 14, 32N, 9W; 179S FSL, 961 FEL
At top prod. interval reported below
At total depth

5. Lease Serial No.
SF 079322

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.
SAN JUAN 32 FED 14 1A

9. API Well No.
30-045-32887

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

11. Sec., T., R., M., on Block and Survey or Area I Sec: 14 Twn: 32N

12. County or Parish 13. State
SAN JUAN NM

14. Date Spudded 15. Date T.D. Reached 16. Date Completed
06/14/2005 06/27/2005 07/27/2005
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6870

18. Total Depth: MD 3817 TVD 3817 19. Plug Back T.D.: MD 3800 TVD 3800 20. Depth Bridge Plug Set: MD TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
Mud 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	231		150		0	15 bbl
8.75	7.0 J-55	20.0	0	3388		430		0	30 bbl
6.25	5.5 Liner	15.5	3323	3802		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	3774							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	3420	3538	3420-3538	0.75	312	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
	Underreamed 6.25" hole to 9.5" from 3393'-3817'.

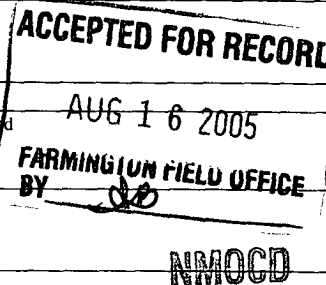
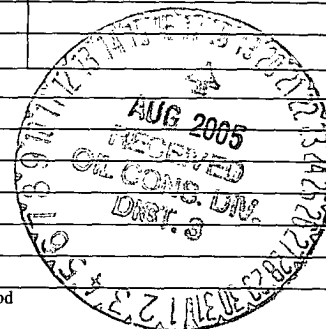
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
7/27/05	7/26/05	1	→	0	1236	2			Gas Pumping Unit
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
2" Pitot	n/a	16 psi	→					Gas Well 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 reverse side)



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	973
				Ojo Alamo	2223
				Kirtland	2373
				Fruitland	3373
				Top Coal MD	3406
				B. Main Coal MD	3539
				PC Tongue MD	3666
				B. Lowest Coal MD	3738
				Top PCCF MD	3742

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. 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) Juanita FarrellTitle Regulatory Analyst

Signature

Juanita FarrellDate 08/09/2005

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 SCHEMATIC

Well Name: San Juan 32 Fed 14 #1A
 API #: 30-045-32887
 Location: 1795' FSL & 961' FEL
Sec. 14 - T32N - R9W
San Juan County, NM
 Elevation: 6872' GL (above MSL)
 Dri Rig RKB: 13' above Ground Level
 Datum: Dri Rig RKB = 13' above GL

Note - this well is equipped with rods & pump
 7-¹/₁₆" 3M x 2-³/₈" EUE 8rd Bonnet
 11" 3M x 7-1/16" 3M Tubing Head
 9-5/8" 8 RD x 11" 3M Casing Head

Patterson Rig: #747
 Spud: 14-Jun-05
 Spud Time: 17:30
 Release Dri Rig: 18-Jun-05
 Time Release Rig: 12:00
 Move In Cav Rig: 24-Jun-05
 Release Cav Rig: 27-Jul-05

Surface CasingDate set: 15-Jun-05

Size 9 5/8 in
 Set at 231 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 231 ft
 TD of 12-1/4" hole 243 ft

Notified BLM @ 12:55 hrs on 13-Jun-05
 Notified NMOCD @ 12:55 hrs on 13-Jun-05

Intermediate CasingDate set: 18-Jun-05

Size 7 in 79 jts
 Set at 3388 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 160 % Top of Float Collar 3343 ft
 T.O.C. SURFACE Bottom of Casing Shoe 3388 ft
 Pup @ 0 ft TD of 8-3/4" Hole 3393 ft
 Pup @ 0 ft
 Notified BLM @ 17:30 hrs on 16-Jun-05
 Notified NMOCD @ 17:30 hrs on 16-Jun-05

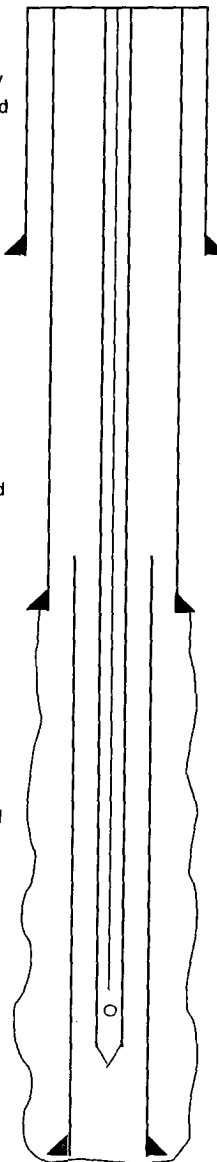
Production LinerDate set: 25-Jul-05

Size 5 1/2 in
 Nominal Wt. 15.5 ppf
 Grade J-55 Connections: LTC
 # Jnts: 11
 Hole Size 6.25 / 9.5 inches
 Underreamed 6-1/4" hole to 9.5" from 3393' to 3817'
 Top of Liner 3323 ft
 PBTD 3800 ft
 Bottom of Liner 3802 ft

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used

TD 3,817 ft**Surface Cement**Date cmt'd: 15-Jun-05

Lead : 150 sx Class G Cement
 + 3% BWOC Calcium Chloride
 + 0.25 lb/sx Flocele
 1.18 cuft/sx, 177.0 cuft slurry at 15.6 ppg
 Displacement: 15.0 bbls fresh wtr
 Bumped Plug at: 02:00 hrs w/ 380 psi
 Final Circ Press: 85 psi @ 2.0 bpm
 Returns during job: YES
 CMT Returns to surface: 15
 Floats Held: No floats used
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)
 W.O.C. for 11.00 hrs (plug bump to test csg)

Intermediate CementDate cmt'd: 18-Jun-05

Lead : 330 sx Standard Cement
 + 3% Econolite
 + 0.25 lb/sx Flocele
 + 10 lb/sk Gilsonite
 0
 2.91 cuft/sx, 960.3 cuft slurry at 11.5 ppg
 Tail : 100 sx 50/50 POZ : Standard cement
 + 2% Bentonite
 + 2% Calcium Chloride
 + 5 lb/sx Gilsonite
 + 0.25 lb/sx Flocele
 0
 1.33 cuft/sx, 133 cuft slurry at 13.5 ppg
 Displacement: 135
 Bumped Plug at: 04:00 hrs w/ 1350 psi
 Final Circ Press: 780 psi @ 2 bpm
 Returns during job: YES
 CMT Returns to surface: 30
 Floats Held: ☒ Yes ☐ No

UNCEMENTED LINER

Schematic prepared by:
 Aaron Fuhr, Development Engineer
 02-Aug-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 @ 187'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 221', 144', 100' & 57'. Total: 4
7" Intermediate	DISPLACED W/ 135.0 BBLs. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER CENTRALIZERS @ 3378', 3300', 3217', 3134', 3048', 2963', 211', 82' & 39'. TURBOLIZERS @ 2361', 2318', 2274', 2231' & 2188' Total: 9 Total: 5
5.5" Liner	Ran 6-1/4" bit with bit sub w/ float valve on bottom of liner. Ran and set the liner w/ TIW H-Latch Drop Off Tool (no liner hanger).
Perforations	Perforated 5-1/2" liner with guns on E-line at 4 spf, 0.75" diameter, 120 degree phased holes Perf. Intervals: 3532'-3538', 3734'-3738', 3640'-3680', 3486'-3492', 3512'-3524', 3436'-3442', 3455'-3464', 3474'-3480', 3405'-3420'. Total 312 holes
Tubing	31.06' x 2-3/8" 8RD EUE box w/ 1-1/2" notched collar, nipple, 1-1/2 x 2" swedge mud anchor w/ 1/2" hole below collar, w/ 0.85' x 2-3/8" OD (1.78" ID) "F" nipple, and 119 jts 2-3/8" 4.7# J-55 EUE 8rd tubing. Bottom of Mud Anchor at 3774'. Top of F-Nipple at 3740' MD RKB.
Pump & Rods	12" long strainer attached below 2" x 1-1/2" x 12" RWAC-Z insert pump, 5 ea 1-1/4" sinker bars, 144 each 3/4" rods, spaced out with 2' x 3/4" OD pony rod & 1 ea 1-1/4" OD x 22' polished rod w/ 2' pony rod on top. Set pump in F-Nipple at 3740' MD RKB

Regulatory Summary

ConocoPhillips

SAN JUAN 32 FED 14 #001A

INITIAL COMPLETION, 6/24/2005 07:00

API/Bottom UWI	County	State/Province	Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
300453288700	San Juan	NEW MEXICO	NMPM-32N-09W-14-I	1,795.00	S	961.00	E
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,870.00	36° 58' 55.632" N	107° 44' 34.296" W	6/14/2005	6/18/2005			

6/24/2005 07:00 - 6/24/2005 00:00

Last 24hr Summary

CLOSET HELI-PAD IS THE ROAD NEXT TO THIS LOCATION. MOVED RIG FROM THE SAN JUAN 32-7 #249 APPROXIMATELY 80 MILE MOVE. MOVED TO THE SAN JUAN 32 FED 14 #1-A. SECTION 14 - T32N - R9W. 1795' FSL & 960' FEL. SAN JUAN COUNTY, NEW MEXICO

6/25/2005 07:00 - 6/25/2005 00:00

Last 24hr Summary

RIG UP, NIPPLE UP BLOOEIE LINES, PRESSURE TEST BOPS.

6/26/2005 07:00 - 6/26/2005 16:00

Last 24hr Summary

PICK UP DC & DP, TEST AIR LINE, AIR MANIFOLD.

6/27/2005 07:00 - 6/27/2005 00:00

Last 24hr Summary

DRILL OUT, UNDER REAM

6/28/2005 00:00 - 6/28/2005 00:00

Last 24hr Summary

FLOW TEST, UNDER REAM,

6/29/2005 00:00 - 6/29/2005 00:00

Last 24hr Summary

FLOW TEST, SURGE. CLEAN OUT

6/30/2005 00:00 - 6/30/2005 00:00

Last 24hr Summary

R&R CLEAN OUT, SURGE

7/1/2005 00:00 - 7/1/2005 00:00

Last 24hr Summary

R&R CLEAN OUT, SURGE

7/2/2005 00:00 - 7/2/2005 00:00

Last 24hr Summary

R&R CLEAN OUT, FLOW TEST, SURGE, WORK TIGHT HOLE.

7/3/2005 00:00 - 7/3/2005 16:00

Last 24hr Summary

WORK TIGHT HOLE @ 3340'

7/5/2005 07:00 - 7/5/2005 00:00

Last 24hr Summary

SHUT DOWN FOR THE HOLIDAY.

DRY WATCH RIG.

7/6/2005 00:00 - 7/6/2005 00:00

Last 24hr Summary

JAR ON FISH, TRIP OUT OF HOLE.

7/7/2005 00:00 - 7/7/2005 00:00

Last 24hr Summary

JAR ON FISH, TRIP OUT OF HOLE, LAY DOWN TOOLS, UNPLUG DC, R&R CLEAN OUT.

7/8/2005 00:00 - 7/8/2005 00:00

Last 24hr Summary

R&R CLEAN OUT 3400' TO 3490'

7/9/2005 00:00 - 7/9/2005 00:00

Last 24hr Summary

R&R CLEAN OUT @ 3490'

7/10/2005 00:00 - 7/10/2005 00:00

Last 24hr Summary

R&R CLEAN OUT 3490' TO 3496'

7/11/2005 00:00 - 7/11/2005 00:00

Last 24hr Summary

R&R CLEAN OUT 3496' TO 3520'

7/12/2005 00:00 - 7/12/2005 00:00

Last 24hr Summary

R&R CLEAN OUT,

7/13/2005 00:00 - 7/13/2005 00:00

Last 24hr Summary

R&R CLEAN OUT,

7/14/2005 00:00 - 7/14/2005 00:00

Last 24hr Summary

R&R CLEAN OUT, CHANGE OIL IN ALL EQUIPMENT.



Regulatory Summary
SAN JUAN 32 FED 14 #001A

7/15/2005 00:00 - 7/15/2005 00:00

Last 24hr Summary

R&R CLEAN OUT 3520' TO 3590'

7/16/2005 00:00 - 7/16/2005 00:00

Last 24hr Summary

R&R CLEAN OUT 3590' TO 3685'

7/17/2005 00:00 - 7/17/2005 00:00

Last 24hr Summary

R&R CLEAN OUT 3685' TO 3749'

7/18/2005 00:00 - 7/18/2005 00:00

Last 24hr Summary

R&R CLEAN OUT, FLOW TEST

7/19/2005 00:00 - 7/19/2005 00:00

Last 24hr Summary

R&R CLEAN OUT 3559' TO 3817'

7/20/2005 00:00 - 7/20/2005 00:00

Last 24hr Summary

TOH, RUN LINER, LAY DOWN LINER

7/21/2005 00:00 - 7/21/2005 00:00

Last 24hr Summary

R&R CLEAN OUT

7/22/2005 00:00 - 7/22/2005 00:00

Last 24hr Summary

R&R CLEAN OUT

7/23/2005 00:00 - 7/23/2005 00:00

Last 24hr Summary

R&R CLEAN OUT

7/24/2005 00:00 - 7/24/2005 00:00

Last 24hr Summary

R&R CLEAN OUT, SHORT TRIP

7/25/2005 00:00 - 7/25/2005 19:30

Last 24hr Summary

CIRC & COND, RUN LINER, LDDP

7/26/2005 07:00 - 7/26/2005 20:00

Last 24hr Summary

PERFORATE, RUN AND LAND TBG.

7/27/2005 06:00 - 7/27/2005 20:00

Last 24hr Summary

COPC SAFETY BREAKFAST, PULL BPV, RUN AND LAND RODS.