

(August 1999)

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 JUL 27 PM 12 46**

2. Name of Operator
ConocoPhillips Company

3. Address
5525 Highway 64 Farmington NM 87401

4. Location of Well (Report location clearly and in accordance with Federal requirements)
At Surface 1806 FSL 843 FWL, NWSW Sec. 14, T32N R9W
At top prod. interval reported below
At total depth

14. Date Spudded **06/08/2005** 15. Date T.D. Reached **06/21/2005** 16. Date Completed **07/14/2005** Ready to Prod. ☒ No ☐ Yes (Submit analysis)

18. Total Depth: MD **3738** TVD **3738** 19. Plug Back T.D.: MD **3703** TVD **3703** 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	9.625	32.3	0	229		150		0	6 bbl
8.75	7.0	20.0	0	3328		535		0	23 bbl
6.25	5.5 liner	15.5	3269	3705		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	3691							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	3336	3667	3336-3667	.75	368	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 3333-3738.

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
07/14/05	07/13/05	1	→	0	687	0			Gas Pumping Unit
Choice Size	Tbg. Press. Flwg. SI	Csg. Press. n/a	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
2" Pitot		5 psi	→						

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)

5. Lease Serial No.
NMSF079322

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

SAN JUAN 32-9 UNIT 242

9. API Well No.

30-045-32851

10. Field and Pool, or Exploratory
Basin Fruitland Coal

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

12. County or Parish **SAN JUAN** 13. State **NM**

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

6815 GL

ACCEPTED FOR RECORD

AUG 01 2005

FARMINGTON FIELD OFFICE
BY **db**

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.)

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	928
				Ojo Alamo	2208
				Kirtland	2838
				B. Main Coal MD	3489
				PC Main Coal MD	3617
				B. Lowest Coal MD	3667
				Top PCCF MD	3668

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 Farrell Title Regulatory Analyst

Signature Juanita Farrell Date 07/26/2005

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 32-9 #242
 API #: 30-045-32851
 Location: 1806' FSL & 843' FWL
Sec. 14- T32N- R9W
San Juan County, NM
 Elevation: 6815' 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 2-³/₁₆" 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: 8-Jun-05
 Spud Time: 21:00
 Release Dri Rig: 13-Jun-05
 Time Release Rig: 12:00
 Move In Cav Rig: 21-Jun-05
 Release Cav Rig: 14-Jul-05

Surface Casing Date set: 9-Jun-05
 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 @ 9:20 hrs on 07-Jun-05
 Notified NMOCD @ 9:20 hrs on 07-Jun-05

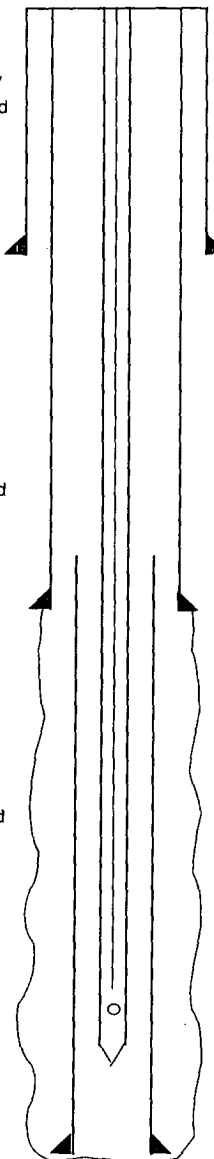
Intermediate Casing Date set: 13-Jun-05
 Size 7 in 78 jts
 Set at 3328 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 160 % Top of Float Collar 3282 ft
 T.O.C. SURFACE Bottom of Casing Shoe 3328 ft
 Pup @ 0 ft TD of 8-3/4" Hole 3328 ft
 Pup @ 0 ft
 Notified BLM @ 10:30 hrs on 06-Jun-05
 Notified NMOCD @ 10:30 hrs on 06-Jun-05

Production Liner Date set: 12-Jul-05
 Size 5 1/2 in
 Nominal Wt. 15.5 ppf
 Grade J-55 Connections: _____
 # Jnts: 10
 Hole Size 6.25" / 9.5" inches
 Underreamed 6-1/4" hole to 9.5" from 3333' to 3738'
 Top of Liner 3269 ft
 PBDT 3703 ft
 Bottom of Liner 3705 ft

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used



TD 3,738 ft

Surface Cement

Date cmt'd: 9-Jun-05
 Lead: 150 sx Class G Cement
 + 3% BWOC Calcium Chloride
 +0.25 lb/sx D029 Cellohane Flakes
 1.16 cuft/sx, 174.0 cuft slurry at 15.8 ppg
 Displacement: 15.0 bbls fresh wtr
 Bumped Plug at: 9:50 hrs w/ 300 psi
 Final Circ Press: 78 psi @ 0.5 bpm
 Returns during job: YES
 CMT Returns to surface: 6 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 Cement

Date cmt'd: 13-Jun-05
 Lead: 435 sx Class G cement
 +3% D079 Extender
 +0.25 lb/sx D029 Cellohane Flakes
 +0.2% D046 Antifoam
 2.61 cuft/sx, 1135.4 cuft slurry at 11.7 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% D046 Antifoam
 1.27 cuft/sx, 127 cuft slurry at 13.5 ppg
 Displacement: _____
 Bumped Plug at: 04:43 hrs w/ 1140 psi
 Final Circ Press: 664 psi at 2 bpm
 Returns during job: YES
 CMT Returns to surface: 23
 Floats Held: X Yes ___ No

UNCEMENTED LINER

Schematic prepared by:
 Aaron Fuhr, Development Engineer
 22-July-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 @ 186'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 219', 144', 100' & 58'. Total: 4
7" Intermediate	0 CENTRALIZERS @ 3318', 3239', 3153', 3066', 2980', 2894', 210', 82' & 39'. TURBOLIZERS @ 2344', 2301', 2215' & 2172' Total: 9 Total: 5
5.5" Liner	Ran 6 1/4" bit and bit sub with 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: 3336'-3352', 3394'-3402', 3423'-3427', 3460'-3470', 3485'-3489', 3510'-3520', 3561'-3565', 3584'-3608', 3634'-3640', 3661'-3667'. Total 368 holes
Tubing	2-3/8" Mud Anchor 20.4' long with pinned mule shoe bottom & 1/2" hole set 3" below the upset, 2- 3/8" F-nipple, 2- 3/8" x 10.1' pup joint, 2- 3/8" x 4.05' pup joint, and 116 jts 2-3/8" 4.7# J-55 EUE 8rd tubing Bottom of Mud Anchor at 3691'. Top of F-Nipple at 3670' MD RKB.
Pump & Rods	2" x 1-1/2" x 12' RWAC-ZDV insert pump, 3 each 1 1/4" sinker bars, 143 each grade D 3/4" rods, 1 ea 1-1/4" OD x 22' polished rod & 1 ea 1- 1/2" x 10' polished rod liner Set pump in F-Nipple at 3670' MD RKB

INITIAL COMPLETION, 6/18/2005 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
300453285100	San Juan	NEW MEXICO	NMPM-32N-09W-14-L	1,806.00	S	843.00	W
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,815.00	36° 58' 54.9984" N	107° 45' 15.9984" E	6/8/2005	6/13/2005			

6/18/2005 07:00 - 6/18/2005 19:00

Last 24hr Summary

MIRU-NU BOPE-RU AUXILARY EQUIPMENT-NOTIFY GRAZING LEASEE (LINN BLANCETT @ 15:00, 6-17-2005) OF PENDING MOVE IN COMPLETION OPERATIONS

6/19/2005 07:00 - 6/19/2005 15:00

Last 24hr Summary

INSPECT DC'S-RU AUXILARY EQUIP-NOTIFY BLM @ 05:30 (6-19-2005) OF PENDING CASING INTEGRITY TEST

6/20/2005 07:00 - 6/21/2005 00:00

Last 24hr Summary

CASING INTEGRITY / BLIND RAMSTEST-SLIP, CALIPER, TALLY, DC'S, SLIP, TALLY 2-7/8" DP-RIG INSPECTION AND CORRECTIONS-MU 6-1/4" BIT,BIT SUB, W/ 14-3-1/2" DC'S W/X-O SUB, W/ 94 JTS 2-7/8" DP-CIRC & PT BOPE-DRILLOUT CMT/OPEN HOLE

6/21/2005 00:00 - 6/22/2005 00:00

Last 24hr Summary

DRILLING 6-1/4" HOLE T/ 3738'KB/PBTD-CIRC-PULL UP INTO 7"-FLOW TEST-SIPBU-NATURAL SURGE-TRIP AND RUN UNDER-REAMER- URR OPEN HOLE SECTION F/ 3333-3528'KB

6/22/2005 00:00 - 6/23/2005 00:00

Last 24hr Summary

URR T/PBTD-KEY SAFETY STAND DOWN-TRIP URR-NATURAL SURGE #2 T/ 500 # & HYDRAULIC SURGES #3-#6-

6/23/2005 00:00 - 6/24/2005 00:00

Last 24hr Summary

R&R F/ 3636-3666'KB-PULL UP INTO 7"-PERFORM HYDRAULIC SURGES #7-#9-CIRC DOWN-R&R @ 3513'KB

6/24/2005 00:00 - 6/25/2005 00:00

Last 24hr Summary

CO FILL/R&R F/ 3513 - 3602'KB

6/25/2005 00:00 - 6/26/2005 00:00

Last 24hr Summary

R&R F/ 3570 - T/ 3602'-PULL UP INTO 7"-REPAIR AIR BOOSTER-GIH & CO/ R&R T/ 3602'KB

6/26/2005 00:00 - 6/27/2005 00:00

Last 24hr Summary

CO /R&R T/ 3666'KB

6/27/2005 00:00 - 6/28/2005 00:00

Last 24hr Summary

CO /R&R T/ 3666'KB-PULL UP T/ 7"-FLOW TEST SIPBU-SAFETY STAND DOWN & PERFORM NATURAL SURGE #10 & HYDRAULIC SURGES #11-#13 LOWER COAL INTERVALS

6/28/2005 00:00 - 6/29/2005 00:00

Last 24hr Summary

CLEAN OUT / R&R F/ 3328-T/3483'KB

6/29/2005 00:00 - 6/30/2005 00:00

Last 24hr Summary

R&R CLEAN OUT, FLOW TEST, SAFETY MEETING @ COPC

6/30/2005 00:00 - 7/1/2005 00:00

Last 24hr Summary

R&R CLEAN OUT.

7/1/2005 00:00 - 7/2/2005 00:00

Last 24hr Summary

R&R CLEAN OUT.

7/2/2005 00:00 - 7/3/2005 00:00

Last 24hr Summary

R&R CLEAN OUT.

7/3/2005 00:00 - 7/4/2005 12:00

Last 24hr Summary

FLOW TEST, SIBU, SHUT DOWN UNTIL 7/5/05

7/5/2005 07:00 - 7/6/2005 00:00

Last 24hr Summary

44.5 HR SICP 1140 PSIG-BLEED DOWN & FLOW TEST @ 970 MSCFD-SIPBU-NATURAL SURGE #14 W/ 430 PSIG-HYD SURGES #15-#17-R&R T/ 3483'KB

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

Last 24hr Summary

R&R F/3453-T/3573'KB

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

Last 24hr Summary

R&R F/3543-T/3632'KB

7/8/2005 00:00 - 7/9/2005 00:00

Last 24hr Summary

R&R F/3573-T/3602'KB

7/9/2005 00:00 - 7/10/2005 00:00

Last 24hr Summary

R&R F/3573-T/3666'KB

7/10/2005 00:00 - 7/11/2005 00:00

Last 24hr Summary

R&R F/3573-T/ 3666'KB-CO RATHOLE T/ 3738'KB-FLOW TEST TAG BRIDGE @ 3610'-WORKING THRU BRIDGE @ 3610'KB

7/11/2005 00:00 - 7/12/2005 00:00

Last 24hr Summary

WORKING THRU BRIDGE @ 3610'KB-R&R F/3573-T/ 3632'KB-CO RATHOLE T/ 3738'KB-SHORT TRIP INTO 7"-COOH FOR LINER

7/12/2005 00:00 - 7/13/2005 00:00

Last 24hr Summary

COOH FOR LINER-PT PIPE RAMS-GIH & SET 5-1/2" LINER-LAYDOWN DP & DC'S-RD MISC EQUIPMENT

7/13/2005 00:00 - 7/14/2005 19:00

Last 24hr Summary

RD MISC DRLG EQUIPMENT-RU T/PERFORATE-RUN GR-NEUTRON-PERF Kfc INTERVALS-PT PIPE RAMS-RUN & LAND TBG -ND BOPE & NU BONNET-PULL BP IN FN-MISC RIGGING DOWN

7/14/2005 07:00 - 7/15/2005 19:00

Last 24hr Summary

ROD UP-DC INSPECT-RIG REPAIR- RIG DWN & REL RIG