

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. Resv. Other

5. Lease Serial No.
SF078687
 6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and no.

2. Name of Operator
ConocoPhillips Company
 3. Address
5525 Highway 64 Farmington NM 87401
 3.a Phone No. (Include area code)
(505)599-3419

RECEIVED
070 FARMINGTON NM

8. Lease Name and Well No.
SAN JUAN 32 FED 15 2A
 9. API Well No.
30-045-32831

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At Surface SWNW SEC. 15 T32N R9W 1921 FNL & 661 FWL
 At top prod. interval reported below
 At total depth Same as above

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL
 11. Sec., T., R., M., on Block and Survey or Area E Sec: 15 Twn: 32N
 12. County or Parish SAN JUAN
 13. State NM

14. Date Spudded 06/24/2005
 15. Date T.D. Reached 07/18/2005
 16. Date Completed 08/13/2005
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6864 GL

18. Total Depth: MD 3700 TVD 3700
 19. Plug Back T.D.: MD 3692 TVD 3692
 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13.5	9.625H-40	32.3	0	230		225		0	15 bbl
8.75	7.0 J-55	20.0	0	3338		500		0	30 bbl
6.25	5.5 Liner	15.5	3301	3694		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	3643							

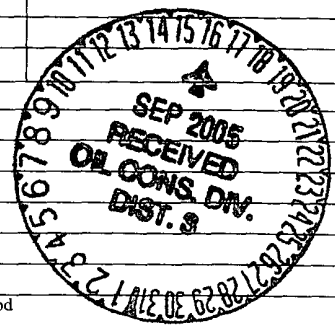
25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	3374	3580	3374-3580	0.75	288	Open
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
	Underreamed 6.25" hole to 9.5" from 3342' to 3700'. This well was cavitated.



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
8/13/05	08/12/05	1	→	0	1374	0			Gas Pumping Unit
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
2" Pitot	SI n/a	20.0	→					Gas Well Shut-in	

ACCEPTED FOR RECORD
SEP 14 2005

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	SI		→						

FARMINGTON FIELD OFFICE
BY CD

NMOCDO

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	930
				Ojo Alamo	2270
				Kirtland	2370
				Fruitland	3315
				Top Coal MD	3374
				B Main Coal MD	3528
				PC Tongue MD	3614
				Top PCCF MD	3687

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  Date 08/25/2005

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.

Initial Completion, 7/15/2005 00:00							
API/Bottom UWI 30-045-32831	County San Juan	State/Province NEW MEXICO	Surface Legal Location NMPM-32N-09W-15-E	N/S Dist (ft) 1,921.00	N/S Ref N	E/W Dist (ft) 661.00	E/W Ref W
Ground Elevation (ft) 6,867.00		Latitude (DMS) 36° 59' 11.472" N		Longitude (DMS) 107° 46' 23.088" W		Spud Date 6/24/2005	
Rig Release Date							

<p>7/15/2005 07:00 - 7/15/2005 19:30 Last 24hr Summary MIRU-NU BOPE-RU AUXILARY EQUIPMENT</p>
<p>7/16/2005 07:00 - 7/16/2005 20:00 Last 24hr Summary RIG REPAIR-CSG INTEGRITY TEST-RIG INSPECTION-PT AIR LINES- PU 6-1/4" DRLG ASSEMBLY-PT BOPE-UNLOAD WELLBORE</p>
<p>7/18/2005 07:00 - 7/19/2005 00:00 Last 24hr Summary DRILLOUT 6-1/4" OPEN HOLE SECTION F/3338-T/3700'KB-PBTD-R&R-DRY UP-PULL UP FLOW TEST & SIPBU-</p>
<p>7/19/2005 00:00 - 7/20/2005 00:00 Last 24hr Summary NATURAL SURGE #1 W/ 500 PSIG-COOH W/ 6-1/4" DRLG ASSEMBLY-MU UNDER-REAMER & GIH W/ DRLG ASSEMBLY T/ 3342'KB-UNABLE TO OPEN UP UNDER-REAMER-TRIP & CLEANOUT UNDER-REAMER FLOAT VALVE-GIH W/ UNDER-REAMER & UNDER-REAM F/3342-T/3700'KB/PBTD-CIRC & PULL UNDER-REAMER UP INTO 7"-COOH W/ UNDER-REAMER</p>
<p>7/20/2005 00:00 - 7/21/2005 00:00 Last 24hr Summary COOH & LAYDOWN UNDER-REAMER-GIH W/ 6-1/4" DRLG ASSEMBLY T/ 3326'KB-FLOW TEST-HYDRAULIC SURGES-CO / R&R AFTER SURGING</p>
<p>7/21/2005 00:00 - 7/22/2005 00:00 Last 24hr Summary R&R T/ 3585'KB-PULL UP INTO 7"-HYDRAULIC SURGES #5-#6-GIH & CO / R&R AFTER SURGING</p>
<p>7/22/2005 00:00 - 7/23/2005 00:00 Last 24hr Summary R&R F/ 3480 - T/ 3540'KB</p>
<p>7/23/2005 00:00 - 7/24/2005 00:00 Last 24hr Summary R&R F/ 3510-T/3585'KB-PULL UP INTO 7"-HYD SURGE #7 & #8</p>
<p>7/24/2005 00:00 - 7/25/2005 00:00 Last 24hr Summary CLEANOUT / R&R</p>
<p>7/25/2005 00:00 - 7/26/2005 00:00 Last 24hr Summary R&R F/ 3480-T/3510'KB</p>
<p>7/26/2005 00:00 - 7/27/2005 00:00 Last 24hr Summary R&R F/ 3480-T/3510'KB</p>
<p>7/27/2005 00:00 - 7/28/2005 00:00 Last 24hr Summary R&R-FLOW TEST-SIPBU (QUARTERLY SAFETY MEETING)-NATURAL SURGE-R&R</p>
<p>7/28/2005 00:00 - 7/29/2005 00:00 Last 24hr Summary R&R T/ 3585'KB-DRY UP-FLOW TEST-PADED SURGES</p>
<p>7/29/2005 00:00 - 7/30/2005 00:00 Last 24hr Summary PADED SURGES-CO/R&R T/ 3510'KB</p>
<p>7/30/2005 00:00 - 7/31/2005 00:00 Last 24hr Summary R&R F/3480-3510'KB</p>
<p>7/31/2005 00:00 - 8/1/2005 00:00 Last 24hr Summary R&R F/3480-3540'KB</p>
<p>8/1/2005 00:00 - 8/2/2005 00:00 Last 24hr Summary R&R F/3510-3540'KB</p>
<p>8/2/2005 00:00 - 8/3/2005 00:00 Last 24hr Summary R&R F/3510-3585'KB/R&R DEPTH</p>
<p>8/3/2005 00:00 - 8/4/2005 00:00 Last 24hr Summary R&R T/ 3585'KB-R&R DEPTH-DRY UP-FLOW TEST-SIPBU /SERVICE EQUIPMENT-NATURAL SURGE-PADED SURGES #15-#19</p>
<p>8/4/2005 00:00 - 8/5/2005 00:00 Last 24hr Summary CO T/ 3510'KB-PULL UP & PADED SURGE-RIG REPAIR-PACKING ON POWER SWIVEL - #19-CO/R&R F/3480-T/3510'KB</p>

8/5/2005 00:00 - 8/6/2005 00:00 Last 24hr Summary R&R F/3480 - T/3540'KB
8/6/2005 00:00 - 8/7/2005 00:00 Last 24hr Summary R&R 3510-3540'KB-PULL UP T/ 7"-INSTALL 3RD COMPRESSOR
8/7/2005 00:00 - 8/8/2005 00:00 Last 24hr Summary R&R F/ 3510-3570'KB
8/8/2005 00:00 - 8/9/2005 00:00 Last 24hr Summary R&R T/ 3570-DRY UP & FLOW TEST-NATURAL SURGES-CO T/ 3540'KB
8/9/2005 00:00 - 8/10/2005 00:00 Last 24hr Summary R&R T/3540'KB-RIG REPAIR (X-O POWER SWIVEL)-CO/R&R T/ 3600'KB
8/10/2005 00:00 - 8/11/2005 00:00 Last 24hr Summary CO/R&R @ 3663'KB-RIG REPAIR (RIGHT ANGLE DRIVE)-CO & CONDITION HOLE FOR LINER @ 3694'KB/PBTD
8/11/2005 00:00 - 8/12/2005 00:00 Last 24hr Summary CONDITION HOLE FOR LINER-COOH W/ 6-1/4" DRLG ASSEMBLY-RUN & HANG OFF 5-1/2" LINER-COOH LDDP, SETTING TOOL, & DC'S-RU TO PERF-PREP & TALLT 2-3/8" TBG
8/12/2005 00:00 - 8/13/2005 19:00 Last 24hr Summary PERF Kfc INTERVALS-RUN & LAND PROD TBG-ND BOPE & NU BONNET-PULL BP IN FN
8/13/2005 06:00 - 8/14/2005 17:00 Last 24hr Summary ROD UP & RIG DOWN-REL RIG @ 17:00, 8-13-2005-DROP FRM RPT-TURN OVER TO PROD OPS-"JOB COMPLETE"

END OF WELL SCHEMATIC

Well Name: San Juan 32 Fed 15 #2A
 API #: 30-045-32831
 Location: 1239' FNL & 1464' FWL
Sec. 15 - T32N - R9W
San Juan County, NM
 Elevation: 6864' GL (above MSL)
 Drl Rig RKB: 13' above Ground Level
 Datum: Drl Rig RKB = 13' above GL

Patterson Rig: #747
 Spud: 24-Jun-05
 Spud Time: 4:00
 Release Drl Rig: 28-Jun-05
 Time Release Rig: 24:00
 Move In Cav Rig: 15-Jul-05
 Release Cav Rig: 13-Aug-05

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

Surface Casing Date set: 24-Jun-05
 Size 9 5/8 in
 Set at 230 ft # Jnts: 5
 Wt. 32.3 ppf Grade H-40
 Hole Size 13 1/2 in Conn STC
 Excess Cmt 125 %
 T.O.C. SURFACE Csg Shoe 230 ft
 TD of 12-1/4" hole 240 ft

New
 Used

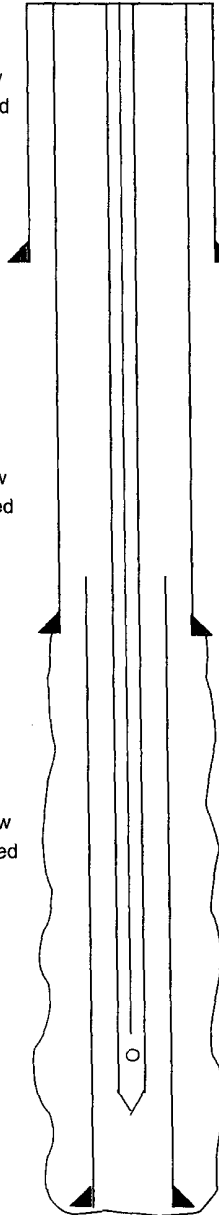
Notified BLM @ 23:00 hrs on 23-Jun-05
 Notified NMOCD @ 23:00 hrs on 23-Jun-05

Intermediate Casing Date set: 28-Jun-05
 Size 7 in 78 jts
 Set at 3338 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 160 % Top of Float Collar 3296 ft
 T.O.C. SURFACE Bottom of Casing Shoe 3337 ft
 Pup @ 0 ft TD of 8-3/4" Hole 3345 ft
 Pup @ 0 ft
 Notified BLM @ _____ hrs on _____
 Notified NMOCD @ _____ hrs on _____

New
 Used

Production Liner Date set: 11-Aug-05
 Size 5 1/2 in
 Nominal Wt. 15.5 ppf
 Grade J-55 Connections: STC
 # Jnts: 9
 Hole Size 6.25 / 9.5 inches
 Underreamed 6-1/4" hole to 9.5" from 3342' to 3700'
 Top of Liner 3301 ft
 PBDT 3692 ft
 Bottom of Liner 3694 ft

New
 Used



TD 3,700 ft

Surface Cement

Date cmt'd: 25-Jun-05
 Lead : 225 sx Class G Cement
 + 3% BWOC Calcium Chloride
 + 0.25 lb/sx Flocele
1.21 cuft/sx, 261.0 cuft slurry at 15.6 ppg
 Displacement: 15.0 bbls fresh wtr
 Bumped Plug at: 24:00 hrs w/ 220 psi
 Final Circ Press: 90 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 12.50 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 28-Jun-05
 Lead : 400 sx Standard Cement
 + 3% Econolite
 + 0.25 lb/sx Flocele
 + 10 lb/sk Gilsonite
0
2.91cuft/sx, 1164.0 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: 19:20 hrs w/ 1200 psi
 Final Circ Press: 860 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
 15-Aug-2004

COMMENTS:

9-5/8" Surf:	No float equipment was run. Ran a guide shoe and an aluminum baffle plate above the guide shoe @ 187'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 220', 144', 100' & 57'. Total: 4
7" Intermediate	DISPLACED W/ 135.0 BBLs. DRILL WATER CENTRALIZERS @ 3324', 3296', 3210', 3124', 3037', 2951', 206', 77' & 34'. TURBOLIZERS @ 2395', 2352', 2309', & 2266' Total: 9 Total: 4
5.5" Liner	Ran 6 1/4" bit with bit sub 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: 3572'-3580', 3558'-3560', 3518'-3528', 3502'-3512', 3484'-3498', 3460'-3464', 3426'-3430', 3418'-3422', 3406'-3408', 3394'-3398', 3388'-3390', 3374'-3382'. Total 288 holes
Tubing	2 1/16" sawtooth collar with 2 1/16" x 1.50" ID seating nipple. 2 1/16" x 2 3/8" XO swedge. 2-3/8" Mud Anchor 31.93' long w/ 1/2" hole drilled below upset. 2-3/8" OD (1.78" ID) F-Nipple, 1 ea 10.1' pup jt, and 115 jts 2-3/8" 4.7# J-55 EUE 8rd tubing. Bottom of Mud Anchor at 3642'. Top of F-Nipple at 3609' MD RKB.
Pump & Rods	2 3/8" x 1 1/4" rod ratagan and 2 3/8" pumping tee w/ 2" & 1" outlets w/nipple & ball valves attached below 2" x 1-1/4" x 12' x 12" 3" x 12" RHAC-ZDV insert pump, 3 ea. 1 1/4" sinker bars. 140 each 3/4" Type 54 w/FST norris rods, spaced out with 1 ea 8', 6', & 2' x 3/4" OD pony rods & 1 ea 1-1/4" OD x 22' polished rod. Set pump in F-Nipple at 3609' MD RKB