

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 ☐ Shift Reservoir
Other _____

2. Name of Operator
ConocoPhillips Company

3. Address
5525 Highway 64 Farmington NM 87401

3.a Phone No. (Include area code)
(505)599-3419

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

At Surface 1200 FSL & 300 FWL SWSW SEC 17 T32N R8W

At top prod. interval reported below

At total depth 1507 FSL & 706 FEL NESE SEC 18 T32N R8W

14. Date Spudded
07/27/2005

15. Date T.D. Reached
0/81/8200

16. Date Completed
☐ D & A ☒ Ready to Prod.
09/09/2005

17. Elevations (DF, RKB, RT, GL)*
6752 GL

18. Total Depth: MD 3982
TVD 3748

19. Plug Back T.D.: MD 3980
TVD 3746

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	235		150		0	5 bbl
8.75	7.0 J-55	23	0	3520		560		0	23 BBL
6.25	5.5 Liner	15.5	3467	3982		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	3946							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	3570	3902	3570-3902	.75	192	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 3525' to 3981'.

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
09/09/05	09/09/05	1	→	0	3310	1 bbl			Gas Pumping Unit
Choice 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	100 psi	→					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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD

OCT 04 2005

FARMINGTON FIELD OFFICE
BY dk

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	763
				Ojo Alamo	2278
				Kirtland	2328
				Fruitland	3233
				Top Coal MD	3642
				B Coal MD	3704
				B Lowest Coal MD	3902
				Top PCCF MD	3906

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 09/27/2005

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.

Regulatory Summary

ConocoPhillips

SAN JUAN 32 8 UNIT #260A

Initial Completion, 8/15/2005 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
300453275000	San Juan	NEW MEXICO	NMPM-32N-08W-17-M	1,200.00	S	300.00	W
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,752.00	36° 58' 49.764" N	107° 42' 19.44" W	7/27/2005				

8/15/2005 07:00 - 8/15/2005 19:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's = load out equipment, moving rig & equipment to location, spot in rig & all equipment, long rig move 45 mile's, secured location & s.d.o.n.

8/16/2005 07:00 - 8/16/2005 19:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = ru rig & equipment, nu bop's, test 7" csg & bop's, s.d.o.n.

8/17/2005 07:00 - 8/17/2005 19:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = ru blooie line's & all ground line's, test air line's & air manifold, unload 4 1/4" dc's & handling sub's, x-over's & slip's, pu pipe & put on pipe rack's, tally pipe, gih pu bha, dc's & dp to 3,460', ru power swivel, secured well & location = s.d.o.n.

8/18/2005 07:00 - 8/19/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = unload hole w / air assist, drill out cmt, 7" float collar @ 3,475' & 7" csg shoe @ 3,520' to 8 3/4" td @ 3,530', drill ahead w / 6 1/4" bit t / 3,705' w / air assist, circ & c/o 2.5 swivel to 3.5 swivel, drilling ahead to td @ 3,982' w / air assist, r&r c/o to td, puh inside 7" csg w / bha, test well, rd swivel = well very tight pulling 85/90,000# through open hole area w / string wt 53/55,000#

8/19/2005 06:00 - 8/20/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's, rd 3.5 power swivel, cooh w / dp, dc's & bha, pu & mu baker 9 1/2" under-reamer, rih w / bha, dc's & dp to 3,515', pu 3.5 power swivel, break circ & open arm's on under-reamer, under-ream 6 1/4" hole to 9 1/2" hole w / baker lockmatic under-reamer f / 3,525' - t / 3,981' w / air assist, circ wellbore clean w / air assist, puh inside 7" csg w / bha, rd 3.5 power swivel, cooh w / dp, dc's & bha, break out & laid down baker equipment, service rig & equipment.

8/20/2005 06:00 - 8/21/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = checking out swivel & c/o hose's, rih w / 6 1/4" bit, dc's & dp t / 3,515', pu & mu 3.5 power swivel, r&r c/o t / 3,904' w / air assist, lost a compressor, puh inside 7" csg w / bha, circ & work on air compressor, r&r c/o t / 3,736' w / air assist.

8/21/2005 06:00 - 8/22/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o t / 3,904' w / air assist,, puh inside 7" csg w / bha, test well, surge well w / air assist, r&r c/o f / 3,520' - t / 3,874' w / air assist

8/22/2005 06:00 - 8/23/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o t / 3,904' w / air assist, puh inside 7" csg w / bha, bop drill, surge well w / air assist, r&r c/o f / 3,520' - t / 3,673' w / air assist

8/23/2005 06:00 - 8/24/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o f / 3,673' - t / 3,778' w / air assist, 1,800 scfm air, 14 to 18 bph mist, 1 1/2 gal's of foamer, 1/4 gal corrosion inhibitor per 15 bbl's of fluid pumped, return's to surface, med to light coal & fine's w / 2 to 4 bph water gain, 7 down to 2 bucket's per hour off sample catcher, 95% coal

8/24/2005 06:00 - 8/25/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o t / 3,904' w / air assist

8/25/2005 06:00 - 8/26/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o t / 3,904', puh inside 7" csg, surge well, r&r c/o t / 3,580' w / air assist.

8/26/2005 06:00 - 8/27/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o t / 3,705', high dp pressure, puh inside 7" csg, circ 7" clean, r&r c/o t / 3,736' w / air assist

8/27/2005 06:00 - 8/28/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o t / 3,860' w / air assist, 1,800 scfm air, 12 to 18 bph mist, 1 to 1 1/2 gal's foamer, 1/4 gal corrosion inhibitor per 15 bbl's of fluid pumped, return's to surface, heavy to med coal & fine's w / 2 bph water gain, 10 down to 4 bucket's per hour off sample catcher, 95% coal

8/28/2005 06:00 - 8/29/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o f / 3,860' - t / 3,904' w / air assist.

8/29/2005 06:00 - 8/30/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o t / 3,904' w / air assist, puh inside 7" csg, test well, natural surge well @ 500#, surge well w / air assist, r&r c/o f / 3,500' - t / 3,673' w / air assist

Regulatory Summary

ConocoPhillips

SAN JUAN 32 8 UNIT #260A

8/30/2005 06:00 - 8/31/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o t/ 3,790' w / air assist

8/31/2005 06:00 - 9/1/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o t/ 3,851' w / air assist

9/1/2005 06:00 - 9/2/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o t/ 3,920' w / air assist

9/2/2005 06:00 - 9/3/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o t/ 3,920', puh, test well, surge well natural one time, flow well natural out blooie line's, r&r c/o f/ 3,500' - t/ 3,673' w / air assist.

9/3/2005 06:00 - 9/4/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o t/ 3,673' w / air assist, lost air equipment, puh inside 7" csg w / bha, circ 7" clean w / one compressor, secured well & location, working on air equipment.

9/4/2005 06:00 - 9/5/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = w/o repair's to air equipment, r&r c/o & condition hole t/ 3,860' w / air assist

9/5/2005 06:00 - 9/6/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o & condition hole for liner to td @ 3,982' w / air assist.

9/6/2005 06:00 - 9/7/2005 06:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = r&r c/o & condition hole to td, short trip, flow well, rih c/o & condition hole to td, puh, hang back 3,5 power swivel, had incident, shut down to investigate incident.

9/7/2005 06:00 - 9/7/2005 19:00

Last 24hr Summary

safety meeting & jsa review's @ start of all operation's & crew change's = investigate first air incident = cooh w / pipe, ru 5 1/2" equipment, test, run liner & set @ 3,982' w / pbtd @ 3,980', release off liner, cooh laying down pipe, secured well & location, s.d.o.n.

9/8/2005 07:00 - 9/8/2005 18:00

Last 24hr Summary

HOLD SAFETY MEETING. PERFORATE THE FRUITLAND COALS W/ 192- HOLES FR 3570'- 3902'. RUN 124- JTS OF 2 3/8" PRODUCTION TBG TO 3946' KB. ND BOP STACK. NU B-1 FLANGE & PUMPING T.

9/9/2005 07:00 - 9/9/2005 18:00

Last 24hr Summary

RUN 1 1/2" ROD PUMP & TAPERED 7/8", 3/4" ROD STRING. SEAT PUMP & PRESSURE TEST- 800PSI. HANG OFF ROD STRING & SWI. FINAL 60MIN FLOW TEST- 25PSI(3.31MMCFD) HVY MIST. RD KEY #18 TO MOVE.

Well Name: San Juan 32-8 #260A

API #: 30-045-32750

Location: 1200' FSL & 300' FWL

Sec. 17 - T32N - R8W

San Juan County, NM

Elevation: 6752' 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: 27-Jul-05

Spud Time: 13:30

Release Dri Rig: 3-Aug-05

Time Release Rig: 16:00

Move In Cav Rig: 15-Aug-05

Release Cav Rig: 9-Sep-05

Surface Casing

Date set: 27-Jul-05

☒ New
☐ Used

Size 9 5/8 in

Set at 235 ft # Jnts: 5

Wt. 32 2/7 ppf Grade H-40

Hole Size 12 1/4 in Conn STC

Excess Cmt 125 %

T.O.C. SURFACE

Csg Shoe 235 ft

TD of 12-1/4" hole 244 ft

Notified BLM @ 8:00 hrs on 25-Jul-05

Notified NMOCD @ 8:00 hrs on 25-Jul-05

Intermediate Casing

Date set: 3-Aug-05

☒ New
☐ Used

Size 7 in 83 jts

Set at 3520 ft 0 pups

Wt. 23 ppf Grade J-55

Hole Size 8 3/4 in Conn LTC

Excess Cmt 160 % Top of Float Collar 3475 ft

T.O.C. SURFACE Bottom of Casing Shoe 3520 ft

Pup @ 0 ft TD of 8-3/4" Hole 3520 ft

Pup @ 0 ft

Notified BLM @ 23:59 hrs on 01-Aug-05

Notified NMOCD @ 23:59 hrs on 01-Aug-05

Production Liner

Date set: 7-Sep-05

Size 5 1/2 in

Nominal Wt. 15.5 ppf

Grade J-55

Jnts: 12

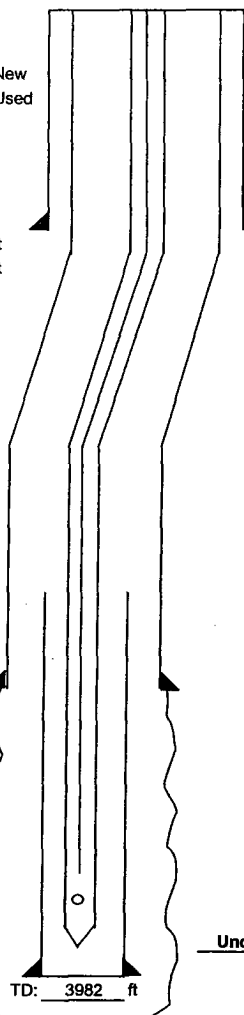
Hole Size 6.25/9.5 inches

Underreamed 6-1/4" hole to 9.5" from 3525' to 3981'

Top of Liner 3467 ft

PBDT 3980 ft

Bottom of Liner 3982 ft



Surface Cement

Date cmt'd: 27-Jul-05

Lead: 150 sx Class G Cement

+ 2% BWOC S001 Calcium Chloride

+ 0.25 lb/sx D029 Cellophane Flakes

1.16 cuft/sx, 174.0 cuft slurry at 15.8 ppg

Displacement: 15.0 bbls fresh wtr

Bumped Plug at: 23:15 hrs w/ 458 psi

Final Circ Press: 128 psi @ 1.0 bpm

Returns during job: YES

CMT Returns to surface: 5 bbls

Floats Held: No floats used

W.O.C. for 6.00 hrs (plug bump to start NU BOP)

W.O.C. for 8.00 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 3-Aug-05

Lead: 460 sx Class G Cement

+ 3% D079 Extender

+ 0.25 lb/sx D029 Cellophane Flakes

+ 0.2% D046 Antifoam

2.61 cuft/sx, 1200.6 cuft slurry at 11.7 ppg

Tail: 100 sx 50/50 POZ: Class G cement

+ 2% D020 Bentonite

+ 2% S001 Calcium Chloride

+ 5 lb/sx D024 Gilonite

+ 0.25 lb/sx D029 Cellophane Flakes

+ 0.1% D046 Antifoam

1.27 cuft/sx, 127 cuft slurry at 13.5 ppg

Displacement: 136.9 bbls

Bumped Plug at: 7:15 hrs w/ 1245 psi

Final Circ Press: 728 psi at 2.1 bpm

Returns during job: YES

CMT Returns to surface: 23 bbls

Floats Held: ☒ Yes ☐ No

Uncemented Liner

Schematic prepared by:

Aaron Fuhr, Development Engineer

19-Sept-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 @ 190'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 224', 143', 100' & 56'. Total: 4
7" Intermediate	DISPLACED W/ 136.9 BBLS. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER TR-1 CENTRALIZERS @ 3510', 3432', 3346', 3260', 3174', 3087', 3003', 2917', 2830', 2748', 2662', 2576', 2490', 423', 337', 256', 172', 86' & 43'. TURBOLIZERS @ 2361', 2318' & 2276'. Total: 19
5.5" Liner	Ran 6 1/4" Bit and bit sub on bottom of liner. Ran and set the liner w/ TIW H-Latch Drop Off Tool (no liner hanger). Total: 3
Perforations	Perforated 5-1/2" liner with guns on E-line at 4 spf, 0.75" diameter, 120 degree phased holes Perf. Intervals: 3570'-3572', 3600'-3602', 3642'-3644', 3658'-3660', 3664'-3668', 3700'-3704', 3782'-3794', 3834'-3838', 3882'-3896', 3900'-3902'. : Total 192 holes
Tubing	2 1/16" notched collar attached to 2 1/16" x 1 1/2" FN, XO, 31' x 2 3/8" mud anchor with 5/8" hole drilled near collar, and 2 3/8" x 1.78" FN. Run with 124 joints 2 3/8" 4.7 ppf J-55 EUE tubing. Spaced out with 10' tubing sub on top. Bottom of Notched Collar at 3946'. Top of F-Nipple at 3912' MD RKB.
Pump & Rods	2" x 1-1/2" x 12' RWAC-ZDV insert pump, 4 each 1 1/4" x 25' sinker bars, 101 ea 25' x 3/4" guided rods and 51 ea 25' x 7/8" guided rods. Spaced out with 2' rod sub. Run with 22' x 1 1/4" Polished rod. Set pump in F-Nipple at 3912' RKB.