

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type Of Well

Oil Well ☐ Gas Well ☒ Other ☐

2. Name Of Operator

CONOCO INC.

3a. Address

P.O. Box 2197, DU 3066,
Houston, TX 77252-2197

3b. Phone No. (include area code)

(281) 293-1613

4. Location Of Well (Footage, Sec., T., R., M., or Survey Description)

2020' FSL - 1900' FEL, Sec. 29, T28N-R07W, Unit Letter 'J'

5. Lease Serial No.

SF-078498

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SAN JUAN 28-7 UNIT

Well Name And No.

SAN JUAN 28-7 UNIT #230M

API Well No.

30-039-26091

10. Field And Pool, Or Exploratory Area

Blanco MV - Basin DK

11. County Or Parish, State

RIO ARRIBA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Acidize ☐ Deepen ☒ Production (Start/Resume) ☐ Water Shut-off
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☐ Recomplete ☐ Other:
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon
☐ Convert to Injection ☐ Plug Back ☐ Water Disposal

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or Recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

SEE REVERSE SIDE FOR COMPLETION DETAILS FOR THE BLANCO MESA VERDE FORMATION. THE WELL IS DHC'D UNDER ORDER # 2204.

14. I hereby certify that the foregoing is true and correct
Name (Printed / Typed):

DEBRA SITTNER

Title Agent for Conoco Inc.

Signature

Date 02/14/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

Daily Summary

API	300392809100	Field Name	Area	EAST	County	RIO ARRIBA	State/Province	New Mexico	Operator		License No		
KB Elev (ft)	6274.00	Ground Elev (ft)	6261.00	KB-CF (ft)	13.00	KB-TH (ft)	13.00	Plug Back Total Depth (ft/KB)	7,260.0	Spud Date		Rig Release Date	
Start		Ops This Apt											
12/27/00	Road rig to location. Spot all equipment and rig up. NDWH and NUBOP. RIH with 3 7/8" bit and 169 jts of 2 3/8" tubing SHUT DOWN												
12/28/00	Continue to RIH with 2 3/8" tubing with 3 7/8" bit. Tagged cement @ 7148'. Drilled cement to Float Collar @ 7163'. Drilled up Float Collar and continued to drill cement to PBTD @ 7246'. Circulate well clean. POOH with 2 3/8" tubing with 3 7/8" bit. Tested casing to 1000 psi. OK. Tested 7" Intermediate casing. Pumped 30 bbls and loaded casing. Tested casing to 500 psi. OK. SHUT DOWN												
12/29/00	NU Frac Valve. Rig up Schlumberger wireline. Ran TDT log from 7246' to 1836' and GR/CCL from 1836' to surface. Rigged down Schlumberger wireline. SHUT DOWN												
1/2/01	Rig up Blue Jet wireline. Ran CBL log from 7240' to 3003'. TOC @ approx 3300'. CBL was run with 1000 psi. on the casing. Bottom of 7" Intermediate casing @ 3159'. Pressure tested 4 1/2" casing to 4300 psi. - OK. Rigged up to Perforate Dakota formation. Perforated Dakota @ 7076' - 7082' with 1 SPF. 7 Holes. Perforated @ 7084' - 7106' with 1 SPF. Total holes 22. Perforated @ 7198' - 7216'. Total holes 19. Perforated with 3 1/8" HSC with .34" hole size. TOTAL HOLES 40. Rigged down Blue Jet. Prep to frac. SHUT DOWN												
1/3/01	Prep well to frac. Rigged up BJ to Acidize Dakota. Acidized with 1500 gals of 15% HCL Acid with 60 ball sealers. Acidized @ 15 BPM @ 1650 psi. Good ball action. Well balled off. Max pressure 3500 psi. Rigged up Blue Jet to retrieve ball. Retrieved 43 balls with 31 hits. Rigged down Blue Jet. Rigged up BJ to frac Dakota. Fraced Dakota with 72,680# of 20/40 Brady sand. Total fluid pumped 3243 BBLs of slickwater. Pumped frac @ 55 BPM avg rate @ 3400 psi avg pressure. Max pressure 3600 psi. Max sand conc 1.0#/gal. ISIP - 2000 psi. 15 - min.- 1682 psi. Rigged down BJ. SHUT DOWN												
1/4/01	Check well pressures. Casing on a vacuum. ND Frac Valve. NU Flow tee. RIH with SN and 162 jts of 2 3/8" tubing. Rigged up Blowie line. SHUT DOWN												
1/5/01	Check well pressures. CSG - 0 psi. TBG - 0 psi. Rigged up N2 and unloaded well @ 5100'. Continued to RIH with 2 3/8" tubing and tagged sand fill @ 7214'. Cleaned sand to PBTD @ 7246'. Circulate well clean. Pulled 7 jts and removed string float. Made well start flowing up the 2 3/8" tubing, thru 1/2" choke nipple. TBG - 250 psi. CSG - 720 psi. Pressures still dropping. SHUT IN												
1/8/01	Check well pressures. TBG - 1350 psi. CSG - 1350 psi. Flowed well up the tubing thru 1/2" choke nipple. Tbg pressure dropped to 170 psi. Csg - pressure dropped to 520 psi. Continued to flow well to allow well to clean up. SHUT DOWN												
1/9/01	Check well pressures. Flow tested well up the 2 3/8" tubing. Flowed well thru 1/2" choke nipple. Well pressure stablized. Tested well as follows. 2 3/8" Tbg @ 7016'. Flowing thru 1/2" choke nipple. TBG - 140 psi. Csg - 500 psi. MCFPD = 924. OIL - 0 bbls. Water - 5 bbls. Test witnessed by Genaro Maez with Key Energy. (NOTE: THIS IS THE TEST FOR THE DAKOTA FORMATION ONLY.) SHUT DOWN												
1/10/01	Check well pressures. TGB - 1260 psi. CSG - 1280 psi. Blow well down. POOH with 222 jts. of 2 3/8" tubing. ND Blowie T. NU Frac Valve. SHUT DOWN												
1/11/01	Blow well down. Kill casing. Rig up Blue Jet. Set Hallib 4 1/2" Fas Drill Plug @ 5300'. Test plug to 3800 psi. - OK. RIH with wireline and perforate the Point Lookout (MV). Perforate as follows. 5022' - 5026' with 1SPF. Total holes 5. Perf 5042' - 5060' with 1/2 SPF. Total holes 10. Perf 5066' - 5074' with 1/2 SPF. Total holes 5. Perf 5082' - 5086' with 1/2 SPF. Total holes 3. Perf 5092' - 5102' with 1/2 SPF. Total Holes 6. Perf 5108' - 5112' with 1/2 SPF. Total holes 3. Perf 5128' - 5138' with 1/2 SPF. Total holes 6. Perf 5161' - 5175' with 1/2 SPF. Total holes 8. Total holes for the Point Lookout (MV) 48 holes. Shot with 3 1/8" HSC with .34" hole size. Rigged down Blue Jet. Prep well to frac. SHUT DOWN												

Daily Summary

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KB Elev (ft) 6274.00	Ground Elev (ft) 6261.00	KB-CF (ft) 13.00	KB-TH (ft) 13.00	Plug Back Total Depth (ftKB) 7,260.0	Spud Date	Rig Release Date

Start	Ops Thru Apr
1/12/01	Rigged up BJ to frac. Fraced Point Lookout (MV) with 154,000# of 20/40 Brady sand, with 7627 MSCF of Nitrogen. Total fluid to recover 758 BBLS. Avg treating pressure 1850 psi. Avg rate 40 BPM. Max sand conc. 4#/Gal. Max pressure 1900 psi. ISIP - 300 psi. 10 minutes - vacuum. Rig up Blue Jet, set Hallib 4 1/2" Fas Drill Plug @ 4850'. Tested plug to 3800 psi. - OK. Rigged up Blue Jet to perforate. Perforated Menefee (MV) @ 4660' - 4669' with 1 SPF, total holes 10. Perf 4766' - 4775' with 1 SPF, total holes 10. Perf 4797' - 4806' with 1 SPF, total holes 10. Perf 4888' - 4891' with 1 SPF, total holes 4. Perf 4900' - 4905' with 1 SPF, total holes 6. Total holes for the Menefee zone (MV) is 40 holes. Rigged up BJ to acidize and frac. Acidized with 1500 gals of 15% HCL Acid with 60 ball sealers. Pumped acid @ 15 BPM @ 1900 psi. Good ball action. Well balled off. Max pressure 3400 psi. Rigged up Blue Jet to retrieve balls. Retrieved ball sealers. Rigged up BJ to frac Menefee (MV). Fraced Menefee with 84,000# of 20/40 Brady sand, with 4960 MSCF of Nitrogen. Total fluid pumped 477 BBLS. Avg rate 37.5 BPM @ 3100 psi avg pressure. Max pressure 3200 psi. Max sand conc 4#/Gal. ISIP - 1700 psi. 15 min. 1390 psi. Rigged down BJ. SHUT DOWN
1/15/01	Check well pressures. CSG - 1100 psi. Rigged up Blue Jet. Set Hallib. 4 1/2" Fas Drill Plug @ 4634'. Tested plug to 3800 psi. OK. Rigged up Blue Jet to perforate the Cliffhouse zone (MV). Perforate the Cliffhouse @ 4480' - 4483' with 1 SPF, Total holes 4. Perf 4496' - 4512' with 1/2 SPF, Total holes 9. Perf 4523' - 4553' with 1/2 SPF, Total holes 16. Perf 4567' - 4605' with 1/2 SPF. Total holes 20. Total holes for the Cliffhouse 49. Rigged up BJ to frac the Cliffhouse. Balled off zone with water and 60 balls. Pumped water and balls @ 22.6 BPM @ 1400 psi. Well balled off. Max pressure 3400 psi. Rigged up Blue Jet to retrieve balls. Rigged up BJ to Frac Cliffhouse (MV). Fraced Cliffhouse with 121,000# of 20/40 Brady sand, with 5127 MSCF of Nitrogen. Total fluid to recover 707 BBLS. Avg rate 50 BPM @ 2550 psi avg pressure. Max pressure 3100 psi. ISIP - 1800 psi. Rigged down BJ. SHUT DOWN
1/16/01	Check well pressures. CSG - 50 psi. Rigged up Blue Jet. Set 4 1/2" Hallib Fas Drill Plug @ 3430'. Tested plug to 2000 psi. - OK. RIH and perforated 4 squeeze holes @ 3250'. Rigged down Blue Jet. Pumped 5 BBLS down the 4 1/2" casing and well circulated out the 7" casing. SHUT DOWN
1/17/01	Check well. Circulate 60 BBLS up the 7" intermediate casing. RIH with 2 3/8" tubing with Hallib Cement Retainer. Set retainer @ 3250'. Tested tubing to 2000 psi. - OK. Broke circulation and took injection rate. Pumped @ 2.5 BPM @ 175 psi. Pumped 200 sx of Type III 65/35 Poz-mix, mixed @ 12.6 ppg. Total of 76.5 BBLS of slurry pumped @ 3 BPM. Pressure increased from 175 psi to 850 psi. at end of job. Well circulated throughout the job. Had cement returns to surface. Unstung from the retainer, and reversed out 1/2 BBL to surface. POOH with 2 3/8" tubing with stinger. Started running in hole with 2 3/8" tubing with 3 7/8" bit. NOTE: Left message at BLM on the telephone message recorder @ 10:00 AM. 1/17/01. SHUT DOWN
1/18/01	Continue to RIH with 21 jts of 2 3/8" tubing. Rig up power swivel. Drill out 1' of cement, and Hallib Cement retainer. Drill cement to squeeze perf @ 3250'. Circulate clean @ 3287'. Test casing to 500 psi. - OK. POOH with 24 jts of 2 3/8" tubing. SHUT DOWN
1/19/01	ATTEND CONOCO 2001 YEARLY KICKOFF SAFETY MEETING.
1/22/01	Test casing and squeeze job to 1000 psi. - OK. POOH with 80 jts of 2 3/8" tubing with 3 7/8" rock bit. RIH with 108 jts of 2 3/8" with 3 7/8" metal muncher mill. Tagged fill @ 3423'. Rigged up power swivel. Rigged up for drill gas. SHUT DOWN
1/23/01	Start 2 drill gas compressors. Unload well. Rig up power swivel and mill out plug @ 3430'. Rig down power swivel. RIH with 35 jts. Tagged fill @ 4519'. Start 2 drill gas compressors, and circulate well clean. POOH with 2 jts. SHUT DOWN
1/24/01	Check well pressures. Csg - 400 psi. Tbg - 400 psi. Blow down casing. RIH with 2 jts of 2 3/8" tubing. Tagged fill @ 4519'. Started 2 drill gas compressors, and cleaned sand to plug @ 4634'. Drilled plug @ 4634'. Circulated well clean @ 4647'. POOH with 8 jts of 2 3/8" tubing. SHUT DOWN
1/25/01	Check well pressures. TBG - 700 psi. CSG - 700 psi. Blow well down. RIH with 10 jts of 2 3/8" tubing. Tagged sand fill @ 4804'. Started 2 drill gas compressors and cleaned sand to 4941'. Circulate well clean. POOH with 16 jts of 2 3/8" tubing. SHUT DOWN
1/26/01	Check well pressures. Csg - 700 psi. Tbg - 700 psi. Blow down casing. Kill tubing. RIH with 2 3/8" tubing and tagged sand fill @ 4577'. Started 2 drill gas compressors, and cleaned sand to PBTD @ 4950'. Drilled up Hallib Fas Drill Plug @ 4950'. Circulate well clean @ 4962'. Pull up the hole to 4427'. Make well flow up the 2 3/8" tubing thru 1/2" choke nipple. Drywatched well thru the night.

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Start	Ops This Apt
1/27/01	Drywatched well thru the night. Drywatched and tested well thru the day. Well tested as follows. 2 3/8" tubing @ 4427'. Flowing thru 1/2" choke nipple. Pressure leveled off @ Tbg - 260 psi. Csg - 500 psi. MCFPD = 1716. Water - 5 BBLS. Oil - 0 BBLS. Test witnessed by Billy Alexander with J&M Oilfield Service. Shut well in @ 5:00 PM 1/27/2001. Note: This is a test for the Mesa Verde zone only.
1/29/01	Check well pressures. CSG - 700 psi. TBG - 720 psi. Blow down well. RIH with 23 jts of 2 3/8" tubing. Tagged sand fill @ 5154'. Started 2 drill gas compressors and cleaned sand fill to Hallib Fas Drill plug @ 5300'. Drilled up Hallib Fas Drill Plug @ 5300'. Continued to RIH with 2 3/8" tubing. Tagged sand @ 7174'. Started 2 drill gas compressors and cleaned sand to PBTD @ 7240'. Circulate well clean. POOH with 90 jts of 2 3/8" tubing. SHUT DOWN
1/30/01	Check well. Blow down well. POOH and lay down 94 jts. Continue to POOH with 48 jts. Pick up and RIH with 85 jts of 2 3/8" FL4S tubing with 2 change over joints. Has standard SN and Mule Shoe Collar on the bottom. SHUT DOWN
1/31/01	Check well pressures. CSG - 650 psi. TBG - 595 psi. Blow down casing. Kill tubing and RIH with 137 jts of 2 3/8" tubing. Tagged sand fill @ 7143'. Started 2 drill gas compressors and cleaned sand fill to PBTD @ 7240'. Circulate well clean. Pull 4 jts of 2 3/8" tubing. Land 2 3/8" tubing @ 7127' with KB added in. Mule Shoe Collar and SN on the bottom. The well has 87 jts of 2 3/8" FL4S non upset, slick tubing, from the Mesa Verde formation to the Dakota. Total tubing in the well, 224 jts. Tubing landed @ 7127'. NDBOP & NUWH. SHUT DOWN
2/1/01	Attend Conoco Stand Down Safety meeting. Rig down Gas compressors, Blowie Lines and rig pump. Rig down unit. Move off location. This well is now a MV/DK DHC. DHC# 2204 FINAL REPORT