

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMSF079289A
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name
2. Name of Operator CONOCO INC.		7. Unit or CA Agreement Name and No.
Contact: YOLANDA PEREZ E-Mail: yolanda.perez@usa.conoco.com		8. Lease Name and Well No. SAN JUAN 28-7 UNIT 159E
3. Address P. O. BOX 2197, DU 3084 HOUSTON, TX 77252-2197	3a. Phone No. (include area code) Ph: 281.293.1613	9. API Well No. 30-039-26633
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface NWSE 1555FSL 1660FEL At top prod interval reported below At total depth		10. Field and Pool, or Exploratory BLANCO MESAVERDE
14. Date Spudded 04/08/2001		11. Sec., T., R., M., or Block and Survey or Area Sec 22 T28N R7W Mer NMP
15. Date T.D. Reached 04/17/2001		12. County or Parish RIO ARRIBA
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/08/2001		13. State NM
17. Elevations (DF, KB, RT, GL)* 6790 GL		
18. Total Depth: MD TVD 7966	19. Plug Back T.D.: MD TVD 7936	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) THERMAL DECAY TIME, CEMENT BOND LOG		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)

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
12.250	9.625 J-55	36.0		318		200		0	
8.750	7.000 J-55	20.0		3698		625		1100	
6.250	4.500 J-55	11.0		7946		392		2100	

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	7830							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLANCO MESAVERDE	5086	5747	5086 TO 5747			
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5616 TO 5747	FRAC W/ 115,000# BRADY SAND, 2560 BBLS OF FLUID
5086 TO 5449	FRAC W/ 151,000# BRADY SAND, 2910 BBLS OF FLUID

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
08/08/2001	06/01/2001	24	→	25.0	2508.0	5.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2"	380	600.0	→					PGW	

28a. 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)

ELECTRONIC SUBMISSION #8141 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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NMOCB

29 2001

San Juan

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 of 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
OJO ALAMO	2589	2707		OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS LEWIS CHACRA CLIFFHOUSE MENEFE POINT LOOKOUT GALLUP GREENHORN TWO WELLS PAGUATE CUBERO	2589 2707 3142 3456 3856 4406 5084 5230 5062 6928 7616 7704 7803 7830

32. Additional remarks (include plugging procedure):

This well is DHC'd in the Blanco Mesaverde and Basin Dakota. Please refer to attached daily summary for detailed information.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic 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):

Electronic Submission #8141 Verified by the BLM Well Information System.
For CONOCO INC., sent to the Farmington
Committed to AFMSS for processing by Maurice Johnson on 10/25/2001 ()

Name (please print) YOLANDA PEREZTitle COORDINATOR

Signature _____ (Electronic Submission)

Date 10/22/2001

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.

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SAN JUAN 28-7 UNIT # 159E
30-039-26633
1555' FSL – 1660' FEL, SEC. 22, T28N, 47W
RIO ARriba COUNTY, NM

DtTmStart	OpLast24
4/29/2001	Held safety mtg. RU schlumberger wireline and mast truck. PU CBL logging tools and RIH and tag @ 7905'. RU stinger pressure pump and load csg. Put 1000# on csg. Run CBL w/GR/CCL/VDL from 7905' to surface. TOC @ 2100' and falls completely out of cement @ 2000'. POOH w/ wireline. Pressure test csg. to 4300#. Bleed down. PU TDT logging tools. RIH and tag @ 7905'. Run TDT w/ GR/CCL from 7905' to 1700'. POOH and RD services companies. Secure well and SDFN.
5/14/2001	Held safety mtg. RU blue jet wireline, and mast truck. PU 3 1/8" csd. Hole guns w/ 12g 306T 90° PP charges and perforate DK sands as follows: 7834'-7846', 7861'-7863', 7885'-7887' w/ 1 spf. for 19 holes. POOH and PU 3 1/8" select fire gun and perforate DK sands as follows: 7709'-7756' w/ 1 spf. 24 holes. Tot perf ft.=62' tot # holes = 43. POOH w/ wireline. RU Stinger isolation tool. RU BJ Services frac unit and pressure test lines to 5000#, set pop-off @ 3800#. Start B/D. Formation broke @ 3800#. 19 bpm & 2200#. Start 15% HCL @ 12.5 bpm & 1370#. Pumped 24 bbl acid and 52 7/8" 1.3 sg ball sealers. Showed good ball action and balled off @ 3700#. RU Blue jet wireline junk basket and RIH and retrieve 58 balls w/ 41 hits. RU BJ and re-test lines. Start step test @ 36 bpm & 3100#, Step to 25 bpm & 2300#, Step to 15 bpm & 1500#, S/D , ISDP= 850#, FG= .55 psi/ft. Leak off is as follows: 5 min =620, 10 min= 562#, 15 min= 475#, 20 min=420#. Start 25# Spectra G pad @ 45 bpm & 2100#, St. .5# sand @ 57 bpm & 2800#, St. 1# sand @ 60 bpm & 3156#, St. 2# sand @ 60 bpm & 3100#, St 3# sand @ 60 bpm & 3026#, St. 4# sand @ 60 bpm & 2970# , Flush w/ 119 bbl @ 35 bpm & 2300#. ISDP= 1350#. 5 min=1150#, 10 min =914#. TOT fluid to recover = 1257 bbl. Sand laden fluid= 903 bbl. TOT sand volume= 84,900# 20/40 super LC. AV rate=60 bpm, AV pressure= 3100#. TOT CHEM.=GW-27 1500#, BF-7L 167 GAL, XLW-24 70 GAL, ENZ-G 52 GAL, FB-20 50 GAL, HP CRB 25#.
5/23/2001	Held safety mtg. RU Blue jet wireline & mast truck. PU 4.5' comp plug and RIH and set @ 5900'. POOH and test plug to 4200#. PU 3 1/8" guns and perforate PLO sands as follows: 5616'-5621', 5649'-5655', 5662'-5688', 5705'-5709', 5720'-5730', 5736'-5747'. POOH w/wireline RU BJ and test lines to 5000#, set pop-off @ 3870#. ST. B/D. Formation broke @ 2780#. pumped 18 bpm & 580#. S/D ISIP= 0#, FG=.44 psi/ft. Start 2% KCL and 7/8" 1.3 sg balls. Showed good ball action but did not ball off. RU Blue jet junk basket and RIH and retrieve 51 balls w/ 34 hits. Re-test lines and pop-off. St. slick water pad @ 68 bpm & 1620#, St. .5# @ 70 bpm & 1850#, St. 1# @ 70 bpm & 1820#, St. 1.5# @ 69 BPM & 1740#, St. 2# @ 68 bpm & 1980#, Flush w/ 89.5 bbl. ISIP= 0#, AV rate=69bpm, AV psi= 1960#. Tot sand = 115,000# 20/40 B. 69 gal FRW-30, 101 gal FB-20. PU 4.5" comp. plug and set @ 5520'. PT plug to 4200#. PU 3 1/8" guns and RIH and perf/ MEN/CH. as follows: 5086' to 5449'. 5 spf w/ 65 holes. ST. B/D. Formation broke @ 2780#. pumped 18 bpm & 580#. S/D ISIP= 0#, FG=.44 psi/ft. Start 2% KCL and 7 7/8" 1.3 sg balls. Showed good ball action and balled off @ 3900#. RU Blue jet junk basket and RIH and retrieve 51 balls w/ 34 hits. Re-test lines and pop-off. St. slick water pad @ 82 bpm & 2740#, St. .5# @ 80.6 bpm & 2738#, St. 1# @ 80.4 bpm & 2730#, St. 1.5# @ 74 BPM & 3394#, Flush w/ 79 bbl. ISIP= 415#, AV rate=79 bpm, AV psi= 2900#. Tot sand = 151,000# 20/40 B. 69 gal FRW-30, 101 gal FB-20. Fluid to recover=2910 bbl, Sand laden =2604 bbl. RD Service companies. secure well and SDFN.
5/29/2001	Held safety mtg. Spot unit and Equipment. RU unit. ND well head, NU BOP & test .RU equipment and blowie line. Secure well and SDFN.
5/30/2001	Held safety mtg. Open well and check pressure. 0#. PU 3 7/8" junk mill and RIH w/ 160 jts 2 3/8" tbg. and tag fill @ 5051'. Circulate clean. TIH w/ 7 jts and tag fill @ 5249'. Circulate clean. POOH w/ 17 jts. Well making a lot of water and sand. Secure well and SDFN.
5/31/2001	Held safety mtg. Check pressure. 800# on csg. & tbg. Bleed csg. down, kill tbg. TIH w/ 9 jts tbg and tag fill @ 5317'. Clean out to plug @ 5520'. Circulate well clean. Pull above perfs . Secure well and SDFN.

SAN JUAN 28-7 UNIT # 159E

30-039-26633

1555' FSL – 1660' FEL, SEC. 22, T28N, 47W

RIO ARriba COUNTY, NM

6/1/2001 Held safety mtg. 750# csg., and tbq. Bleed csg. down , and kill tbq. TIH w/ 15 jts and tag fill @ 5505' Clean out to plug @ 5520'. Well made 15' sand overnight. Drill out plug. TIH w/ 8 jts and tag fill @ 5776'. Clean and circulate to plug @ 5900'. Pull up to 5578' w/kb and get flowing up tbq. Test MV.

MV TEST IS AS FOLLOWS:

TBG. SET @ 5578' W/KB. TESTED W/ 1/2" CHOKE.

380# TBG.

600# CSG.

2508 MMCFPD

25 BOPD

5 BWPD

LIGHT SAND

0 BCPD

TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES.

MV PERFS TESTED FROM 5086' TO 5747'

Secure well and SDFN.

6/2/2001 Held safety mtg. Check pressure. 790# csg. 820# tbq. Open up on 1/2" choke. Pressure stabilized @ 350# tbq. and 650# csg. Well flowed approx. 400bbl and started making oil. Shut well in. Secure well and SDFWE.

6/4/2001 Held safety mtg. Check pressures, 780# csg, 820# tbq. Try to bleed down csg. and started flowing @ .4 bpm w/ 70% water & 30% oil. Shut in csg. Called for 400 bbl tank. RU line to tank. Open well and flow into frac tank. Well is flowing 23 bbl per hr. w/ 7 bbl oil. Turn over to dry watch to flow over night. Secure well & SDFN.

6/5/2001 Held safety mtg. Flow well all day . 12 hrs for previous night the well flowed 270 bbl w/ 80 bbl oil. Flow has slowed down to 17 bbl per hr. w/ 15% oil. Secure well and SDFN.

6/6/2001 Held safety mtg. Check pressures. 100# tbq, 600# csg. Bleed off csg kill tbq. TIH w/ 13 jts and tag fill @ 5870'. Clean to and drill plug @ 5900'. Dakota pressure brought a big slug of oil. Flowed to frac tank. Called for roust about crew to contain oil in burn pit. Skimed out oil and placed into frac tank. TOOH w/ 20 jts tbq. Secure well and SDFN.

6/7/2001 Held safety mtg. Check pressures 820# tbq. 800# csg. Finish drilling plug. TIH w/ 58 jts and tag fill @ 7726'. C/O to PB circulate clean. POOH w/ tbq. and LD mill. PU SN, MS and 129 jts tbq. Secure well and SDFN.

6/8/2001 Held safety mtg. Check pressure 850# csg, 880# tbq. Bleed csg. down, Kill tbq. TIH w/ 126 jts and tag fill @ 7930'. Clean out to pbtd. **Pull up and land tbq @ 7830' w/kb.** ND BOP, NU well head. Pump air down csg. and get flowing up tbq. **DHC test.**

TEST IS AS FOLLOWS:

TBG. LANDED @ 7830' W/KB TESTED W/ 1/2" CHOKE.

750# CSG.

450# TBG.

2970 MMCFPD

25 BOPD

10 BWPD

0 SAND

TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES

SUBTRACTION METHOD USED: THE ALLOCATION FOR THE DAKOTA IS 462 MCFPD.

RD equipment. RD unit. Secure well and SD. WELL WILL BE SHUT IN WAITING FOR FACILITY'S AND SERVICE LINE. TURN OVER TO OPERATOR. **FINAL REPORT!!!!!!!!!!!!**