

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 ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.

2. Name of Operator
CONOCO INC

Contact: DEBORAH MARBERRY
E-Mail: deborah.marberry@conoco.com

3. Address PO BOX 2197, DU 3084
HOUSTON, TX 77252-2197

3a. Phone No. (include area code)
Ph: 281.293.1005

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NWSW 1570FSL 0830FWL 36.93930 N Lat, 108.08812 W Lon
At top prod interval reported below
At total depth

5. Lease Serial No.
NMSF078146

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
NEWBERRY A 8

9. API Well No.
30-045-28087-00-C2

10. Field and Pool, or Exploratory
AZTEC

11. Sec., T., R., M., or Block and Survey
or Area Sec 34 T32N R12W Mer NMP

12. County or Parish
SAN JUAN

13. State
NM

14. Date Spudded
09/19/1990

15. Date T.D. Reached
09/22/1990

16. Date Completed
☐ D & A ☒ Ready to Prod.
01/24/2002

17. Elevations (DF, KB, RT, GL)*
6096 GL

18. Total Depth: MD 2756
TVD

19. Plug Back T.D.: MD 2710
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ 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	8.625 K-55	24.0	0	283		250		0	
7.875	5.500 K-55	17.0	0	2756		580	610	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	2567							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PICTURED CLIFFS	2554	2638	2554 TO 2638		36	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
2554 TO 2638	FRAC W/65 Q FOAM, 60,080# 20/40 SAND

ACCEPTED FOR RECORD

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
06/03/2002	01/22/2002	24	→	0.0	1122.0	0.0			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	170	170.0	→	0	1122	0		GSI	FARMINGTON FIELD OFFICE BY

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 #11935 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

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.)
FLARED

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

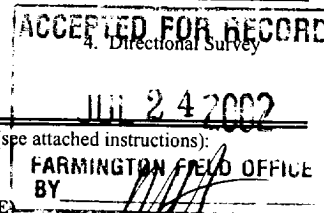
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
FRUITLAND				FRUITLAND PICTURED CLIFFS	2550

32. Additional remarks (include plugging procedure):

This well is now a downhole commingled well in the Fruitland Coal and Aztec Pictured Cliffs. Attached are the daily summaries.

33. Circle enclosed attachments:

- | | | |
|---|--------------------|---------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report |
| 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 #11935 Verified by the BLM Well Information System.
For CONOCO INC, sent to the Farmington
Committed to AFMSS for processing by Matthew Halbert on 07/24/2002 (02MXH0421SE)

Name (please print) DEBORAH MARBERRY

Title SPECIALIST

Signature _____ (Electronic Submission)

Date 06/11/2002

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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Daily Summary

API	300452808700	County	SAN JUAN	State/Province	NEW MEXICO	Surface Legal Location	NMPM-32N-12W-34-L	NS Dist. (ft)	1570.0	NS Flag	S	EW Dist. (ft)	830.0	EW Flag	W
Ground Elev (ft)	6096.00	Spud Date	9/19/1990	Rig Release Date	9/23/1990	Latitude (DMS)	36° 56' 21.48" N	Longitude (DMS)				108° 5' 17.16" W			

Start	Ops This Rpt
1/11/2002	0 paig sicip, p/u 4 3/4" bit and bit sub, 2 7/8" N-80 work strig tbg, tally same in hole, drill cibp @ 2260', c/o to 2720 kb, pull up 150', secure well and sdfn.
1/12/2002	0 psig sicip, 0 psig sitp, rih and ck for fill overnight, pooh w/ tbg and bit, l/d bit and bit sub, p/u Schlumberger 5 1/2" FB tension pkr w/ 2 7/8" unloader and rih w/ same, set pkr @ 2575, miru American Energy press test trk, test csg to 4800 psig, ok, release pkr and pooh w/ same, secure well and sdfn.
1/13/2002	MIRU Mo-Te hot oil unit and heat frac wtr to 100 ,
1/14/2002	0 psig sicip, MIRU Jet wire line unit, perf PC formation as follows: 2554' - 2578', 24', 25 holes, 1 spf 0.34" dia holes, 2618' - 2623', 5' 1 spf, 0.34" dia, 2634' - 2638' 4', 1 spf, 5 holes, 0.34" dia. r/d wire line unit, p/u same pkr used to p/t and rih w/ same leave pkr hanging , prep to frac, secure well and sdfn.
1/15/2002	0 psig sicip, attend Key safety meeting and 2002 kick-off safety meeting, set pkr @ 2500' (communicate w/ fc perf behind pipe), reset pkr @ 2442, no communication behind pipe, wait on BJ frac equipment and field personell, decision made to frac following day, but break down and attempt ball-off, break down perfs @ 1350 psig, 10.7 bpm @ 2200 psig, dropped 50 bio balls 1 ball/bbl first 22 bbls and remaining balls 2 balls/bbl water w/ remaining balls, saw very good ball action but ball off not attained, 95 bbls 2% kcl wtr pumped @ avg rate of 11bpm w/ max press attained of 3500 psig, open well and bleed dwn isdp of 1300 psig, shut well in, secure well and sdfn.
1/16/2002	Sicip 64 psig, Safety Meeting, MIRU BJ frac equipment, Frac PC perfs via 2 7/8" n-80 tbg and 5 1/2" pkr set @ 2442', w/ 65Quality foam , w/ 60,080 20/40 brown sand, @ 40 bpm w/ min press of 3191 psig, max press of 4218 psig, avg press of 3786 psig, isdp of 1522 psig, 5 min shut in of 1305 psig, 1/2 ppg thru 3.0 ppg sand stages flush w/ foam. post job safety meeting, rdmo BJ frac equipment. rig up to flow back well via frac tbg on 1/8" choke, opened well w/ 1150 psig and press dropped from 1150 psig to 775 psig thru nite, w/ lite to med sand and foamed N2.
1/17/2002	ftp 775 psig on 1/2" choke, x-out choke to 1/4" choke press dropped to 650 psig and dropped to 330 psig @ 1500 hrs, x-out choke to 1/2" choke press dropped and held steady @ 200 psig, w/ lite to med sand recovery and 3-5 bph fluid recovery, same thru nite.
1/18/2002	Ftp 200 psig, kill tbg w/ 10 bbls wtr, open bypass on pkr, release pkr and pooh and lay dwn frac tbg and pkr. p/u 2 3/8" tbg and rih and tally same, let well flow back up annulus, (well surging fluid and med sand @ 75 psig on open 2") while waiting on El Paso to release and chart supply gas f/ c/o operation, flow well on 1/2" choke thru nite w/ stabilized flow rates of 200 psig, recovering 3-5 bph fluid (frac fluid), continue to flow well thru weekend to clean up fluid and sand.
1/19/2002	ftp 200 psig, thru 1/2" choke w/ stabilized flow rates of 170 psig to 200 psig, recovering 3-5 bph fluid , lite sand.
1/20/2002	Ftp 150 psig - 200 psig, thru 1/2" choke, lite sand recovery and wtr diminishing to 25 bpd fluid returns, continue to flow thru nite
1/21/2002	Ftp 200 psig, kill tbg and rih to 2200', unload well w/ gas and polymer sweeps, c/o to 2720 w/ sand fill of 65', pull above all perfs and flow and blow @ 2 hr intervals, unloading wtr and lite sand, 5-10' of sand fill entry during 2 hr flow, flow back well thru nite w/ press stabilized 170 psig to 200 psig, lite sand entry and 1/2 bph fluid entry diminishing to 3-5 bpd rate
1/22/2002	Ftp 170 psig, kill tbg and rih hole and tag 6" sand fill, c/o and pull above perfs and flow well 2 hrs, rih and tag f/ sand fill- none, unload well w/ gas, pull up hole to 2570'. FINAL TEST on PC, flow tbg thru 1/2" choke stabilized press of 170 psig (1122 mcfd), eot @ 2570' recovering 3-5 bpd fluid rate, 0 oil and no sand , witnessed by Robert Morris and rig operator Mike Romero, secure well and sdfn
1/23/2002	sicip 500 psig, set 700 psig, blow dwn well, kill tbg w/ 20 bbls wtr and pooh, @ 2200' kill tbg w 30 bbls wtr, cont pooh, @ 700', tbg blowing, try to set TSV valve, accident occured, operations stopped, well secured, and sdfn
1/24/2002	sicip 550 psig, bleed dwn well, kill csg w/ 30 bbls wtr and idle pmp w/ wtr pmped in annulus @ 1/4 bpm on tooth, p/u 2 3/8" mule shoe and seating nipple and tbg and rih w/ same, rih to pbtd of 2720', broach tbg, unload well of fluid until dry, p/u to 2567.32 kb and flow tbg w/ 81 jts w/ eot @ 2567.32 kb, n/d bop's and n/u wellhead, blow well around w/ gas, secure well, rig dwn unit and all equipment. release rig @ 1800 hrs.

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