

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

5. Lease Serial No.
NMSF076554

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
CONOCO INC

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

8. Lease Name and Well No.
HAMILTON 1A

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

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

9. API Well No.
30-045-21644-00-C2

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 30 T32N R10W Mer NMP
At surface NWSE 1650FSL 1650FEL 36.95348 N Lat, 107.91977 W Lon

10. Field and Pool, or Exploratory
BLANCO PC

11. Sec., T., R., M., or Block and Survey
or Area Sec 30 T32N R10W Mer NMP

At top prod interval reported below

12. County or Parish
SAN JUAN

13. State
NM

At total depth

14. Date Spudded
01/17/1975

15. Date T.D. Reached
02/04/1975

16. Date Completed
☐ D & A ☒ Ready to Prod.
03/22/2002

17. Elevations (DF, KB, RT, GL)*
6091 GL

18. Total Depth: MD 5427
TVD 3

19. Plug Back T.D.: MD 5348
TVD

20. Depth Bridge Plug Set: MD
TVD

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

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
6.125	4.500	11.0	2912	5418		300	350		
13.750	10.750	33.0	0	157160		125		0	
8.750	7.000	23.0	0	3176		250			

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	5212	2959						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PICTURED CLIFFS	2896	2955	2896 TO 2955	3.130	34	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
2896 TO 2955	FRAC W/65Q 25# FOAM, 60,000# 20/40 SAND, 421,000 S

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
05/10/2002	05/10/2002	24	→	0.0	0.0	0.0			OTHER
Choke Size	Tbg. Press. Flwg. S.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2"		100.0	→					GSI	

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 #11127 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.)

NO MEASURABLE GAS

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
MESAVERDE				MESAVERDE PICTURED CLIFFS FRUITLAND OJO ALAMO CLIFF HOUSE MENEFFEE POINT LOOKOUT	3239 3666 4555 4732 4806 5140

32. Additional remarks (include plugging procedure):

The above mentioned well was recompleted to the Blanco Pictured Cliffs and DHC'd with the Blanco Mesaverde. After well was put on production, there was not an increase in volume but a decrease. A gas analysis was obtained and was not significantly different from gas analysis taken before the PC was added. It has been determined that the PC is not contributing any production, therefore, no allocation between zones will occur and 100% of production will remain with the Mesaverde. A NOI will be submitted in the future to squeeze off the PC perfs.

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 #11127 Verified by the BLM Well Information System.

For CONOCO INC, sent to the Farmington

Committed to AFMSS for processing by Matthew Halbert on 09/27/2002 (02MXH0710SE)

Name (please print) DEBORAH MARBERRYTitle SPECIALISTSignature (Electronic Submission)Date 09/25/2002

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.

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

NAUCO

Daily Summary

API	County	State/Province	Surface Legal Location	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
300452164400	SAN JUAN	NEW MEXICO	NMPM-32N-10W-30-J	1650.0	S	1650.0	E
Ground Elev (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)			
6091.00	1/17/1975		36° 57' 12.528" N	107° 55' 11.28" W			

Start	Ops This Rpt
1/31/2002	HELD SAFETY MEETING. MIRU.
2/1/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 100 #. KILLED WELL. NDWH - NUBOP. TESTED BOP TO 250 # & 3000 #. BOTH PIPE & BLIND RAMS. HELD OK. POOH W/ JTS 2 3/8" TBG. SWION
2/4/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 100 #. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET @ 3092'. LOADED HOLE & TESTED PLUG & CSG TO 2500 #. HELD OK. RAN GR/CCL LOG FROM 3092' TO 2500'. PERFORATED THE PICTURED CLIFFS. RIH W/ 3 1/8" 90 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 2896' - 2908' W/ 1 SPF, 2929' - 2932' W/ 1 SPF, 2939' - 2955' W/ 1 SPF. A TOTAL OF 34 HOLES. DUG & FENCED BURN PIT. HEATED WATER IN FRAC TANKS. SWION.
2/5/2002	HELD SAFETY MEETING. RU B J SERVICES. FRAC'D THE PICTURED CLIFFS. TESTED LINES TO 3500 #. SET POP-OFF @ 2200 #. ATTEMPTED TO BREAK DOWN WELL FORMATION. WOULD NOT BREAK DOWN. RU BLUE JET. RIH W/ DUMP BAILER. DUMPED 20 GAL OF 28% HCL ACID ACROSS PERFS. BROKE DOWN WELL FORMATION @ 3 BPM @ 1850 #. DROPPED 22 BIO BALL SEALERS @ 1 BALL PER BBL & 2 BALLS PER BBL FOR THE REMAINING 20 BALL SEALERS @ 19 BPM @ 1750 #. A TOTAL OF 42 BIO BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 2200 #. SHUT DOWN FOR 1 HR. WAITED ON BIO BALLS. PUMPED PRE-PAD @ 30 BPM @ 1750 #. ISIP 818 # - 5 MIN 766 # - 10 MIN 740 # - 15 MIN 726 # - 20 MIN 715 # - 25 MIN 705 # - 30 MIN 696 #. FRAC'D THE PICTURED CLIFFS W/ 65 Q 25 # LINEAR FOAM, 60,000 # 20/40 BRADY SAND, 421,000 SCF N2, 884 BBL FLUID. AVG RATE 36 BPM. AVG PSI 1926 #. MAX PSI 2200 #. MAX SAND CONS 3 # PER GAL. ISIP 1407 #. FRAC GRADIENT .72. STARTED FLOWING WELL BACK THROUGH 1/4" CHOKE. RD BJ SERVICES.
2/6/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 500 #. INSTALLED BLOOEY LINE AND DRILL AIR COMPRESSORE. KILLED WELL. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED SAND @ 2929. 163' FILL. RU DRILL AIR. CLEANED OUT FROM 2929' TO 2992'. CIRCULATED WELL W/ DRILL AIR. WELL MAKING 1 GAL SAND PER HR & 3 BBL WATER PER HR. PUH TO 2800'. SWION
2/7/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 25 #. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED SAND @ 3000'. 92' OF FILL. RU DRILL AIR. CLEANED OUT FROM 3000' TO 3092'. CIRCULATED WELL W/ DRILL AIR. WELL MAKING 1 CUP OF SAND PER HR & 1/2 BBL OF FRAC WATER PER HR. PUH TO 2800'. SWION.
2/8/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 150 #. UNLOADED WELL WITH DRILL AIR. POOH W/ 3 7/8" MILL & 2 3/8" TBG. RIH W/ 2 3/8" TBG & SEAT NIPPLE TO 2961'. RU SAND LINE W/ SWAB. RIH W/ SWAB & TAGGED FLUID @ 2800'. SWABBED ON WELL FOR 5 HRS. LOWERED FLUID LEVEL DOWN TO 2900'. SWABBED ABOUT 8 BBLs OF FRAC WATER. CSG PRESSURE 25 #. NO SIGN OF GAS ON TBG. SWION.
2/9/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 150 #. RIH W/ SWAB. TAGGED FLUID @ 2200'. SWABBED WELL DOWN TO SEAT NIPPLE @ 2961'. SWABBED A TOTAL OF 28 BBLs OF FLUID. WELL STARTED FLOWING UP TBG ON ITS OWN. FLOWED WELL FOR 3 HRS. WELL MAKING A 1/2 BBL OF WATER PER HR. SWION.
2/11/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 150 #. RIH W/ SWAB. TAGGED FLUID @ 1600'. SWABBED WELL DOWN TO SEAT NIPPLE @ 2961'. WELL STARTED FLOWING UP TBG ON ITS OWN. FLOWED WELL FOR 6 HRS. WELL MAKING A 1/2 BBL OF WATER PER HR. SWION.
2/12/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 300 #. TBG PRESSURE 0 #. LAID DOWN 68 JTS OF 2 3/8" TBG ON FLOAT. LANDED 89 JTS OF 2 3/8" TBG & SEAT NIPPLE @ 2945'. SWI. RDMO.
2/14/2002	HELD SAFETY MEETING. MIRU SWAB UNIT. OPENED UP WELL. TBG PRESSURE 0 #. CSG PRESSURE 150 #. RIH W/ SWAB. TAGGED FLUID @ 900'. MADE 32 SWAB RUNS. SWABBED WELL DOWN TO 2200'. SWABBED A TOTAL OF 96 BBLs FLUID. SWION.
2/15/2002	HELD SAFETY MEETING. OPENED UP WELL. TBG PRESSURE 300 #. CSG PRESSURE 300 #. TBG BLED DOWN TO 0 #. WOULD NOT FLOW. RIH W/ SWAB. TAGGED FLUID @ 1900'. SWABBED WELL DOWN TO SEAT NIPPLE @ 2945'. WELL STARTED FLOWING. CSG PRESSURE 300 #. WELL FLOWED FOR 3 HRS. CSG PRESSURE WENT DOWN TO 50 #. WELL DIED. SWABBED & FLOWED 56 BBLs FLUID. SWION.
2/16/2002	HELD SAFETY MEETING. OPENED UP WELL. TBG PRESSURE 140 #. CSG PRESSURE 180 #. TBG BLED DOWN TO 0 #. WOULD NOT FLOW. RIH W/ SWAB. TAGGED FLUID @ 2200'. SWABBED WELL DOWN TO SEAT NIPPLE @ 2945'. WELL STARTED FLOWING. CSG PRESSURE 180 #. WELL FLOWED FOR 1 HRS. CSG PRESSURE WENT DOWN TO 40 #. WELL DIED. RIH W/ SWAB. TAGGED FLUID @ 2915'. SWABBED WELL DOWN TO SEAT NIPPLE. WELL TRIED TO FLOW. BUT WOULD NOT FLOW. SWABBED ABOUT 33 BBLs & FLOWED 5 BBLs FLUID. SWION.
2/18/2002	HELD SAFETY MEETING. OPENED UP WELL. TBG PRESSURE 295 #. CSG PRESSURE 295 #. TBG BLED DOWN TO 0 #. WOULD NOT FLOW. RIH W/ SWAB. TAGGED FLUID @ 1600'. SWABBED WELL DOWN TO SEAT NIPPLE @ 2945'. WELL STARTED FLOWING. CSG PRESSURE 245 #. WELL FLOWED FOR 1 HRS. CSG PRESSURE WENT DOWN TO 70 #. WELL DIED. RIH W/ SWAB. TAGGED FLUID @ 2915'. SWABBED WELL DOWN TO SEAT NIPPLE. WELL TRIED TO FLOW. BUT WOULD NOT FLOW. SWABBED ABOUT 36 BBLs & FLOWED 3 BBLs FLUID. SWION.

Daily Summary

API 300452164400	County SAN JUAN	State/Province NEW MEXICO	Surface Legal Location NMPM-32N-10W-30-J	NS Dist. (ft) 1650.0	NS Flag S	EW Dist. (ft) 1650.0	EW Flag E
Ground Elev (ft) 6091.00	Spud Date 1/17/1975	Rig Release Date	Latitude (DMS) 36° 57' 12.528" N	Longitude (DMS) 107° 55' 11.28" W			

Start	Ops This Rpt
2/19/2002	HELD SAFETY MEETING. OPENED UP WELL. TBG PRESSURE 100 #. CSG PRESSURE 155#. TBG BLED DOWN TO 0 #. WOULD NOT FLOW. RIH W/ SWAB. TAGGED FLUID @ 2400'. SWABBED WELL DOWN TO SEAT NIPPLE @ 2945'. WELL STARTED FLOWING. CSG PRESSURE 135 #. WELL FLOWED FOR 1 HRS. CSG PRESSURE WENT DOWN TO 70 #. WELL DIED. RIH W/ SWAB. TAGGED FLUID @ 2845'. SWABBED WELL DOWN TO SEAT NIPPLE. WELL TRIED TO FLOW. BUT WOULD NOT FLOW. SWABBED ABOUT 34 BBLS & FLOWED 1 BBLS FLUID. SWION.
3/19/2002	HELD SAFETY MEETING. MIRU. OPENED UP WELL. CSG PRESSURE 550 #. NDWH - NUBOP. TESTED BOP TO 250 # & 3000 #. BOTH PIPE & BLIND RAMS. HELD OK. POOH W/ 89 JTS (2945') 2 3/8" TBG. SWION.
3/20/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 30 #. INSTALLED BLOOEY LINE & DRILL AIR. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED SAND @ 3009'. RU DRILL AIR. CLEANED OUT FROM 3009' TO 3090' DOWN TO COMPOSITE PLUG. CIRCULATED WELL W/ DRILL AIR. PUH TO 2850'. SWION.
3/21/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 30 #. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED COMPOSITE PLUG @ 3092'. RU DRILL AIR. DRILLED OUT COMPOSITE PLUG @ 3092'. RIH TAGGED FILL @ 5309'. 39' FILL. CLEANED OUT FROM 5309' TO 5348' PBTD. CIRCULATED WELL W/ DRILL AIR. POOH W/ 3 7/8" MILL & 2 3/8" TBG. SWION.
3/22/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 100 #. RIH W/ 7" G - PACKER ON 2 3/8" TBG. LANDED 164 JTS OF 2 3/8" TBG W/ SEAT NIPPLE & MULE SHOE @ 5212'. 7" PKR @ 2959' TO 2964'. 93 JTS OF 2 3/8" TBG ON TOP OF PKR @ 2959'. 71 JTS OF 2 3/8" TBG ON BOTTOM OF PKR 2964' TO 5212'. NDBOP - NUWH. RDMO. FINAL REPORT.

HAMILTON 1A

Downhole Comingle

Daily Summary

API/UWI	County	State/Province	Surface Legal Location	N/S Dist. (ft)	N/S Ref.	E/W Dist. (ft)	E/W Ref.
300452164400	SAN JUAN	NEW MEXICO	NMPM-32N-10W-30-SE NW SE	1650.0	S	1650.0	E
Ground Elevation (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)			
6091.00	1/17/1975		36° 57' 12.528" N	107° 55' 11.28" W			

Start Date	Ops This Rpt
5/6/2002 00:00	MIRU AWS #376 and Weatherford UBS. ND tree. Packer was set in compression. Released packer. NU BOP. Well started flowing. Pumped 2% KCL in well to kill well. TOH with 46 stands + sinlge and packer. SWI-SDON.
5/7/2002 00:00	SICP: 240 psi. Decision was made to TOH with packer and tubing. TIH with 2-3/8" notched collar, Expendable check, & 2-3/8" tubing. Had to get a gang to buld blooey line and finish rig up air equipment. Set flowback tank plumbed in blowdown lines. SDON.
5/8/2002 00:00	SITP : 150 psi. SICP: 150 psi. Bled well down to pit. Held safety meeting. TOH with 69 jts 2-3/8" tailpipe. PU 2-3/8" notched collar, 2-3/8" expendable check w/built in SN, + 162 jts tubing. PU 4 jts 2-3/8" tubing & tagged 5323' w/10' KB. Built mist. Broke circulation. Circ'd hole for 1 hr. Shut down air mist unit. Flowed well to pit as follows: Flowed 3 hrs. Choke: 1/2" FCP: 100 psi & stable. FTP: 0 sp. Perfs: 4432'-5303' (MV) 2896'-2955' (PC) H2O: 2 bbbls Oil: 0 bbbls Est'd flow rate: 660 mcf/d Witnesses: Cresencio Hernandez & Mark Mabe PUH and landed tubing @ 5160' ND BOP. NU tree. SWI-SDON. 2-3/8" tubing detail (Botton to top) 2-3/8" notched collar .30' 2-3/8"expendable check w/ SN 1.00' 162 jts 2-3/8" 4.7#/ft J55 8RD EUE used tubing. 5149.64' KB 10.00' Final landing depth 5160.94'

NMOC