

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. NMSF 03553		
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.			8. Lease Name and Well No. FEDERAL 13R		
3. Address P.O. BOX 2197 DU 3066 HOUSTON, TX 77252			9. API Well No. 30-039-26716		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSE 660FSL 1980FEL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BLANCO MESAVERDE		
14. Date Spudded 08/24/2001			15. Date T.D. Reached 09/03/2001		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/11/2001			17. Elevations (DF, KB, RT, GL)* 6698 GL		
18. Total Depth: MD TVD 7655		19. Plug Back T.D.: MD TVD 7561		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) TRIPLE COMBO, DEPTH CORRELATION				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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0		514		300		0	
7.875	4.500 J-55	11.0		7640		1425		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	7295							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLANCO MESAVERDE	5152	5360	5152 TO 5360		31	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5152 TO 5360	FRAC W/112,000 20/40 SAND & 666,700 SCF N2, 685 BBLs FLUID

28. Production - Interval A

Date First Produced 10/05/2001	Test Date 10/05/2001	Hours Tested 24	Test Production →	Oil BBL 1.0	Gas MCF 330.0	Water BBL 4.0	Oil Gravity Corr. API	Gas Gravity	Production Method FLOWS FROM WELL
Choke Size 1/2	Tbg. Press. Flwg. SI 180	Csg. Press. 600.0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status 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 #8039 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL**

WALCOB

2/2/2001
JMC

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	2310	2469		OJO ALAMO	2310
				KIRTLAND	2470
				FRUITLAND FMA	2546
				PICTURED CLIFFS	2963
				HUERFANITO BENTONITE	3392
				CHACRA	3837
				CLIFFHOUSE	4632
				MENEFEE	4668
				POINT LOOKOUT	5202
				MANCOS	5534
				U GALLUP	6280
				SANOSTEE	6811
				GREENHORN	7112
				GRANEROS	7166
				DAKOTA	7216

32. Additional remarks (include plugging procedure):
 This well is DHC'd in the Blanco Mesaverde and Basin Dakota. Attached is the daily summary.

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 #8039 Verified by the BLM Well Information System.
 For CONOCO INC., sent to the Farmington
 Committed to AFMSS for processing by Maurice Johnson on 10/18/2001 ()**

Name (please print) DEBORAH MARBERRY Title SUBMITTING CONTACT

Signature _____ (Electronic Submission) Date 10/17/2001

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Daily Summary

API 300392671600	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-26N-6W-21-O	NS Dist. (ft) 660.0	NS Flag S	EW Dist. (ft) 1980.0	EW Flag E
KB Elev (ft) 6711.00	Ground Elev (ft) 6698.00	Plug Back Total Depth (ft) 7,655.0	Spud Date 8/24/2001	Rig Release Date 9/6/2001	Latitude (DMS) 36° 28' 0.3504" N	Longitude (DMS) 107° 28' 13.4904" W	

Start	Ops This Rpt
9/20/2001	HELD SAFETY MEETING. MIRU.
9/21/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 0#. NDWH - NUBOP. TESTED BOP TO 250' & 5000'. BOTH PIPE & BLIND RAMS. HELD OK. RIH W/ 3 7/8" MILL ON 2 3/8" TBG TO 4400'. SWION.
9/22/2001	HELD SAFETY MEETING. INSTALLED BLOOEY LINE & DRILL AIR COMPRESSORS.
9/24/2001	RIG HAD TO SHUT DOWN BECAUSE HYDRAULIC PUMP WENT OUT.
9/25/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 0#. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED DVT @ 4464'. DRILLED OUT DVT @ 4464'. RIH & TAGGED DVT @ 6152'. DRILLED OUT DVT @ 6152'. RIH W/ TBG TO 7561' - PBT. SWION.
9/26/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 0#. CIRCULATED HOLE CLEAN W/ 140 BBLs 2% KCL WATER. POOH W/ 3 7/8" MILL & 2 3/8" TBG. TESTED CSG TO 4300'. HELD OK. SWION.
9/27/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 0#. RU BLUE JET. RAN GR/CCL LOG FROM 7561' TO 4500'. PERFORATED THE DAKOTA. RIH W/ 3 1/8" 120 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 7220' - 7234' W/ 1/2 SPF, 7305' - 7319' W/ 1/2 SPF, 7351' - 7357' W/ 1/2 SPF, 7370' - 7376' W/ 1 SPF. A TOTAL OF 27 HOLES. RD BLUE JET. SWION.
9/28/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 0#. RU BJ SERVICES. FRAC'D THE DAKOTA. TESTED LINES TO 5300'. SET POP-OFF @ 3870'. BROKE DOWN WELL FORMATION @ 9 BPM @ 2550'. DROPPED 24 BALL SEALERS IN A 1000 GALS OF 15% HCL ACID @ 1 BALL PER BBL & 2 BALLS PER BBL FOR REMAINING 10 BALL SEALERS @ 17 BPM @ 2644'. A TOTAL OF 34 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3800'. RU BLUE JET. RIH W/ JUNK BASKET. RETRIEVED 34 BALL SEALERS. PUMPED PRE-PAD @ 29 BPM @ 3700'. STEPPED DOWN RATE TO 24 BPM @ 3190'. STEPPED DOWN RATE TO 17 BPM @ 2670'. STEPPED DOWN RATE TO 9 BPM @ 2150'. ISIP 1775# - 5 MIN 1390# - 10 MIN 1128# - 15 MIN 970# - 20 MIN 852# - 25 MIN 763# - 30 MIN 688#. FRAC'D THE DAKOTA W/ 60 Q 25# LINEAR FOAM, 50,000# 20/40 SUPER LC, 871,800 SCF N2, 840 BBLs FLUID. AVG RATE 24 BPM. AVG PRESSURE 3700#. MAX PRESSURE 3800#. MAX SAND CONS 4# PER GAL. ISIP 3164# - 5 MIN 3100#. FRAC GRADIENT .71. SWION. RD BJ SERVICES.
9/29/2001	HELD SAFETY MEETING. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET @ 5450'. TESTED COMPOSITE PLUG TO 4300'. HELD OK. RIH W/ 3 1/8" 120 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED THE MENEFE & PONT LOOKOUT FROM 5152' - 5158' W/ 1/2 SPF, 5208' - 5212' W/ 1/2 SPF, 5218' - 5222' W/ 1/2 SPF, 5236' - 5238' W/ 1/2 SPF, 5247' - 5253' W/ 1/2 SPF, 5270' - 5274' W/ 1/2 SPF, 5292' - 5300' W/ 1/2 SPF, 5340' - 5346' W/ 1/2 SPF, 5356' - 5360' W/ 1/2 SPF. A TOTAL OF 31 HOLES. RD BLUE JET. SWION.
10/1/2001	HELD SAFETY MEETING. RU BJ SERVICES. FRAC'D THE MENEFE & PONT LOOKOUT. TESTED LINES TO 5300'. SET POP-OFF @ 3870'. BROKE DOWN WELL FORMATION @ 23 BPM @ 3100'. DROPPED 24 BALL SEALERS IN A 1000 GALS OF 15% HCL ACID @ 1 BALL PER BBL & 2 BALLS PER BBL FOR REMAINING 14 BALL SEALERS @ 23 BPM @ 2208#. A TOTAL OF 38 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3710#. RU BLUE JET. RIH W/ JUNK BASKET. RETRIEVED 34 BALL SEALERS. PUMPED PRE-PAD @ 37 BPM @ 2650#. STEPPED DOWN RATE TO 29 BPM @ 2040#. STEPPED DOWN RATE TO 21 BPM @ 1600#. STEPPED DOWN RATE TO 14 BPM @ 1230#. ISIP 950# - 5 MIN 700# - 10 MIN 608# - 15 MIN 522# - 20 MIN 445# - 25 MIN 356# - 30 MIN 278#. FRAC'D THE MENEFE & PONT LOOKOUT W/ 65 Q 25# LINEAR FOAM, 19,809# 20/40 BRADY SAND, 29,900 SCF N2, 347 BBLs FLUID. AVG RATE 57 BPM. AVG PRESSURE 3300#. MAX PRESSURE 3800#. MAX SAND CONS 2# PER GAL. FRAC GRADIENT .61. PUMPED 20% OF FRAC. HAD TO SHUT DOWN DUE TO EQUIPMENT PROBLEMS. SWION. RD BJ SERVICES.
10/2/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 1200#. BLEED WELL DOWN. RIH W/ 2 3/8" TBG TO 3500'. SWION.
10/3/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 700#. RIH W/ 2 3/8" TBG. TAGGED SAND @ 4900'. 550' OF FILL. RU DRILL AIR. CLEANED OUT FROM 4900' TO 5150'. CIRCULATED WELL W/ DRILL AIR. PUH TO 5100'. SWION.
10/4/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 1000#. RIH W/ 2 3/8" TBG. TAGGED SAND @ 5150'. 300' OF FILL. RU DRILL AIR. CLEANED OUT FROM 5150' TO 5450'. CIRCULATED HOLE CLEAN W/ DRILL AIR. POOH W/ 2 3/8" TBG. INSTALLED FRAC VALVE & FRAC HEAD. SWION.
10/5/2001	HELD SAFETY MEETING. RU BJ SERVICES. FRAC'D THE MENEFE & PONT LOOKOUT. TESTED LINES TO 5300#. SET POP-OFF @ 3850#. PUMPED PRE-PAD @ 38 BPM @ 3550#. STEPPED DOWN RATE TO 26 BPM @ 2300#. STEPPED DOWN RATE TO 15 BPM @ 1450#. STEPPED DOWN RATE TO 11 BPM @ 1200#. ISIP 1000# - 5 MIN 719# - 10 MIN 471# - 15 MIN 279#. FRAC'D THE MENEFE & PONT LOOKOUT W/ 65 Q 25# LINEAR FOAM, 112,000# 20/40 BRADY SAND, 666,700 SCF N2, 685 BBLs FLUID. AVG RATE 60 BPM. AVG PRESSURE 3300#. MAX PRESSURE 3400#. MAX SAND CONS 4# PER GAL. ISIP 2480#. FRAC GRADIENT .62. SWION. RD BJ SERVICES.
10/6/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 1000#. RIH W/ 2 3/8" TBG. TAGGED SAND @ 5065'. 385' OF FILL. RU DRILL AIR. CLEANED OUT FROM 5065' TO 5300' W/ DRILL AIR. CIRCULATED WELL W/ DRILL AIR. WELL MAKING 4 BBLs WATER PER HR AND 1 QUART SAND PER HR. PUH TO 5100'. SWION.
10/8/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 1050#. RIH W/ 2 3/8" TBG. TAGGED SAND @ 5300'. 150' OF FILL. RU DRILL AIR. CLEANED OUT FROM 5300' TO 5450'. CIRCULATED WELL CLEAN W/ DRILL AIR. WELL MAKING 3 BBLs WATER PER HR AND 1 QUART SAND PER HR. PUH TO 5100'. SWION.

Daily Summary

API 300392671600	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-26N-6W-21-O	NS Dist. (ft) 660.0	NS Flag S	EW Dist. (ft) 1980.0	EW Flag E
KB Elev (ft) 6711.00	Ground Elev (ft) 6698.00	Plug Back Total Depth (ftKB) 7,655.0	Spud Date 8/24/2001	Rig Release Date 9/6/2001	Latitude (DMS) 36° 28' 0.3504" N	Longitude (DMS) 107° 28' 13.4904" W	

Start	Ops This Rpt
10/9/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 950 #. RIH W/ 2 3/8" TBG. TAGGED COMPOSITE PLUG @ 5450'. NO FILL. PUH TO 5300'. TESTED THE MESA VERDE THROUGH 1/2" CHOKE AND UP 2 3/8" TBG @ 5300'. WELL STABILIZED @ 50 #. TESTED WELL 4 HR AFTER WELL STABILIZED. TBG PRESSURE 50 #. CSG PRESSURE 265 #. 330 MCFPD, 1 BOPD, 1 BWPD. MESA VERDE PERFS @ 5152' TO 5360'. TEST WITNESSED BY SAM MCFADDEN & NOE PARRA. RU DRILL AIR. DRILLED OUT COMPOSITE PLUG @ 5450'. PUH TO 5100'. SWION.
10/10/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 1300 #. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED SAND @ 7321'. 240' OF FILL. RU DRILL AIR. CLEANED OUT FROM 7321' TO 7561'. CIRCULATED WELL W/ DRILL AIR. WELL MAKING 2 BBLS WATER PER HR AND 2 CUPS SAND PER HR. PUH TO 7150'. SWION.
10/11/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 1150 #. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED @ 7561'. NO FILL. POOH W/ 3 7/8" MILL ON 2 3/8" TBG. RIH W/ 2 3/8" TBG TO 7295'. TESTED THE DAKOTA & MESA VERDE THROUGH 1/2" CHOKE AND UP 2 3/8" TBG @ 7295'. WELL STABILIZED @ 180 #. TESTED WELL 4 HRS AFTER WELL STABILIZED. TBG PRESSURE 180 #. CSG PRESSURE 600 #. 1188 MCFPD. 2 BOPD. 8 BWPD. DAKOTA PERFS @ 7220' TO 7376'. MESA VERDE PERFS @ 5152' TO 5360'. DAKOTA - 858 MCFPD. 1 BOPD. 4 BWPD. MESA VERDE - 330 MCFPD. 1 BOPD. 4 BWPD. TEST WITNESSED BY SAM MCFADDEN & NOE PARRA. LANDED 230 JTS 2 3/8" TBG @ 7295' W/ SEAT NIPPLE & MULESHOE. SWION.