

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.
NMSF 077107-B

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator CONOCO INC.			Contact: DEBORAH MARBERRY E-Mail: deborah.moore@usa.conoco.com		
3. Address P.O. BOX 2197 DU 3066 HOUSTON, TX 77252			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 SWSW 100FSL 1190FWL At top prod interval reported below NWNW 1001FSL 397FWL At total depth NWNW 1001FSL 397FWL			8. Lease Name and Well No. MICHENER LS 3M		
14. Date Spudded 12/10/2001			15. Date T.D. Reached 01/05/2002		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/04/2002			9. API Well No. 30-045-30885		
18. Total Depth: MD 7490 TVD 7285			19. Plug Back T.D.: MD 7488 TVD 7486		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory BLANCO MESAVERDE		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) TDT, CBL, GAMMA RAY			11. Sec., T., R., M., or Block and Survey or Area Sec 10 T28N R9W Mer NMP		
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)			12. County or Parish SAN JUAN		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 6363 GL		

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		282		139		0	
8.750	7.000 J-55	20.0		4760		781		0	
6.250	4.500 J-55	10.5		7498		279		3910	
				90					

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	7227								

25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) BLANCO MESAVERDE	4918	5250	4918 TO 5062		20	OPEN			
B)			5144 TO 5250		29	OPEN			
C)									
D)									

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.		Amount and Type of Material	
Depth Interval			
5144 TO 5250	FRAC W/65Q 25# LINEAR FORM, 151,000# 20/40 SAND, 898,000 SCF N2, 1055 BBL FLUID		
4918 TO 5062	FRAC W/1350 GALS HCL ACID, 65Q 25# LINEAR FORM, 105,000# 20/40 SAND, 935,000 SCF N2, 787 BBLS 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
03/13/2002	02/26/2002	24	→	1.0	1716.0	5.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2	SI	260	→					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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #10699 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL

NMOOD

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	1804	1949		OJO ALAMO KIRTLAND FRUITLAND FM PICTURED CLIFFS LEWIS CHACRA CLIFF HOUSE MENEFEE POINT LOOKOUT MANCOS GALLUP GREENHORN GRANEROS TWO WELLS PAGUATE	1804 1950 2548 2816 2966 3813 4528 4546 5136 5524 6318 7089 7160 7214 7274

32. Additional remarks (include plugging procedure):
This well is a downhole commingled well producing from the Blanco Mesaverde and Basin Dakota. Daily summaries are attached.

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 #10699 Verified by the BLM Well Information System.
For CONOCO INC., sent to the Farmington

Name(*please print*) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 03/13/2002

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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API	300453088500	County	SAN JUAN	State/Province	NEW MEXICO	Surface Legal Location	NMPM-28N-9W-15-E	NS Dist. (ft)	1200.0	NS Flag	N	EW Dist. (ft)	790.0	EW Flag	W
Ground Elev (ft)	6227.00	Spud Date	12/10/2001	Rig Release Date	1/14/2002	Latitude (DMS)	36° 39' 59.1912" N	Longitude (DMS)	107° 46' 54.8976" W						

Start	Ops This Rpt
2/19/2002	Road rig to location. Spot all equipment. Rig up. Check well pressures. Csg - 1840 psi. Start blowing well down thru 1/2" choke nipple. Pressure down to 800 psi. SHUT DOWN
2/20/2002	Check well pressures. Csg - 1180 psi. Blow well down. Kill well. ND Frac Valve, and NU BOP. Test BOP. OK. Rigged up blowie line and clean out equipment. Blow down casing. RIH with mill and 152 jts of 2 3/8" tubing. Had to pick-up and tally all tubing in singles. SHUT DOWN
2/21/2002	Check well pressure. Csg - 880 psi. Blow casing down. RIH with 7 jts. and tagged sand fill @ 5032'. Started up air package and cleaned sand to Hallib Composite Plug @ 5136'. Circulate well to clean up. Still making sand. POOH with 10 jts. SHUT DOWN
2/22/2002	Check well pressures. Csg 900 psi. Blow down. RIH with 10 jts of 2 3/8" tubing. Did not tag any fill. Pull up and test the MENELEE (MV) Tested the Menefee as follows, flowing thru 1/2" choke nipple, Tbg - 160 psi. Csg - 400 psi. MCFPD = 1056. Oil - 0 BBLS Water - 5 BBLS. NOTE: THIS IS A TEST FOR THE MENELEE ONLY DO NOT USE FOR THE C-104. FOR INFORMATION ONLY. Blow down. RIH and tagged Composite Plug @ 5136'. Rigged up power swivel and drilled plug @ 5136'. Circulate well clean. POOH with 11 jts. SHUT DOWN
2/25/2002	Arrive at location. Tubing tong's, elevators, rod equipment etc was stolen from rig during the week-end. Called Sheriff's office to investigate. Hauled out replacement equipment. Rigged up equipment. SHUT DOWN
2/26/2002	Check well pressures. Csg - 810 psi. Blow down casing. RIH with 14 jts. of 2 3/8" tubing. Tagged @ 5253' Rigged up power swivel and finished drilling plug. Circulated and cleaned out to 5348'. Circulated clean. Pulled 2 3/8" tubing up to 5205' and tested (MV) thru 1/2" Choke Nipple. Mesa Verde zone tested as follows. Tbg - 260 psi. Csg - 560 psi. MCFPD = 1716. Water - 5 BBLS. Oil - 1 BBL. SHUT DOWN
2/27/2002	Check well pressures. Csg - 750 psi. Blow down well. RIH with 17 jts. tagged fill @ 5330'. Started air units and cleaned fill to Hallib Composite plug @ 5350'. Drilled Hallib Composite plug @ 5350'. Continue to RIH and tagged fill @ 7358'. Started air units and cleaned to 7434'. Circulated clean. Pulled up the hole. SHUT DOWN
2/28/2002	Check well pressures. Csg - 750 psi. Blow well down. RIH with 2 3/8" tubing. Tagged sand fill @ 7432'. Started air units and cleaned sand to PBTD @ 7483'. Circulate well clean. POOH with 2 3/8" tubing and mill. RIH with Mule Shoe Collar, SN and 2 3/8" tubing. Ran 232 jts. Start air unit and blow well around. SHUT DOWN
3/1/2002	Check well pressure. Csg - 740 psi. Blow well down. RIH to tag for fill. Tagged sand fill @ 7433'. Started air units and cleaned sand to PBTD @ 7483'. Circulated well from bottom. Well still making fluid approx 3 BBLS/HR. Pull up above the perfs. SHUT DOWN
3/4/2002	Check well. Blow down well. RIH to tag for fill. Tagged @ PBTD. NO FILL. Pull up the hole to test Dakota. With 2 3/8" tubing @ 7341'. Flowed well up the tubing thru 1/2" choke nipple. Tbg - 300 psi. Csg - 660 psi. Deducting the MV Test, Dakota tested as follows. MCFPD = 264. WATER = 144 BBLS/DAY. OIL = 1 BBL. Test witnessed by Moe Herra with Key Energy. Pulled up and landed 2 3/8" tubing @ 7227' with KB Added in. Mule Shoe and SN on the bottom. Total tubing 228 jts. NDBOP & NUWH. Unload well. Rig down. FINAL REPORT.

ACCEPTED FOR RECORD

MAR 22 2002

FARMINGTON FIELD OFFICE

BY 

Daily Summary

API	300453088500	County	SAN JUAN	State/Province	NEW MEXICO	Surface Legal Location	NMPM-28N-9W-15-E	NS Dist. (ft)	1200.0	NS Flag	N	EW Dist. (ft)	790.0	N / Flag	W
Ground Elev (ft)	6227.00	Spud Date	12/10/2001	Rig Release Date	1/14/2002	Latitude (DMS)	36° 39' 59.1912" N	Longitude (DMS)	107° 46' 54.8976" W						
Start	Ops This Rpt														
1/29/2002	Road rig to location. Spotted rig and equipment. SHUT DOWN														
1/30/2002	Rig up and NUBOP. Rigged up floor and tongs. Rigged up pump and pit. Started snowing hard to slick to pick up tubing. SHUT DOWN														
1/31/2002	Tally and pick up in singles, 2 3/8" tubing. Tagged @ 4948'. Layed down 2 jts. of 2 3/8" tubing. SHUT DOWN														
2/1/2002	Picked up swivel. Drilled to 4996' and was getting metal shavings. (HOLE IS DEVIATED SEVERLY). POOH with 2 3/8" tubing with mill. RIH with 2 3/8" tubing with bit. Run to 4900'. SHUT DOWN														
2/4/2002	Rigged up power swivel and drilled cement and DV Tool @ 5028'. Worked tubing down to PBTD @ 7487'. Circulated hole clean with 2% KCL Water. Tested casing to 3000 psi. - OK. Layed down 10 jts. SHUT DOWN														
2/5/2002	Lay down 2 3/8" tubing in singles on a float. Rigged down swivel., tongs, and floor. NDBOP & NU Frac Valve. Rig down rig and equipment. Road rig to the yard. SHUT DOWN WILL DO RIGLESS WORK.														
2/6/2002	Rigged up Schlumberger mast and logging truck. Ran TDT Log from 7465' to 1450' and Gamma Ray Log to surface. Ran CBL Log from 7465' to 3600'. Ran log with 1500 psi pressure. TOC @ approx 3910'. Rigged down Schlumberger wireline. Tested casing to 4300 psi - OK. Rigged down and left location. SHUT DOWN														
2/14/2002	Rigged up Blue Jet mast truck. Rigged up Blue Jet to perforate the Dakota. Perforated the Dakota @ 7236' - 7242' with 1/2 SPF Total holes 4. Perforated @ 7276' - 7300' with 1/2 SPF Total holes 13. Perforated @ 7342' - 7350' with 1 SPF Total holes 9. Perforated @ 7364' - 7368' with 1 SPF Total holes 5. Perforated @ 7372' - 7376' with 1 SPF Total holes 5. Perforated @ 7396' - 7414' with 1/2 SPF Total holes 10. Total holes for the Dakota 46. Perforated with 3 1/8" HSC with .34" Hole size. Rigged down Blue Jet. Heated Frac Water. Prep well to frac. SHUT DOWN														
2/15/2002	HELD SAFETY MEETING. RU HALLIBURTON. FRAC'D THE DAKOTA. TESTED LINES TO 4800 #. SET POP OFF @ 3850 #. BROKE DOWN FORMATION @ 5 BPM @ 2540#. PUMPED 1000 GAL OF 15% HCL ACID @ 5 BPM @ 265 #. DROPPED 24 BALL SEALERS @ 1 BALL PER BBL & 2 BALLS PER BBL FOR REMAINING BALL SEALERS. A TOTAL OF 56 BIO BALL SEALERS @ 22 BPM @ 1530 #. GOOD BALL ACTION. BALLED OFF @ 3500 #. PUMPED 200 BBLS PREPAD @ 53 BPM @ 2230 #. STEPPED DOWN TO 35 BPM @ 1316 #. STEPPED DOWN RATE TO 15 BPM @ 775 #. ISIP 445 # - 5 MIN 233 # - 10 MIN 148 # - 15 MIN 88 # - 20 MIN 38 # - 25 MIN 0 # - FRAC'D THE DAKOTA W/ SLICK WATER. PUMPED 3208 BBLS OF FLUID, 105,000 # 20/40 BRADY SAND. AVG RATE 54 BPM. AVG PRESSURE 2589 #. MAX PRESSURE 3516 #. MAX SAND CONS 1.50 # PER GAL. ISIP 960#. FRAC GRADIENT .54. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET PLUG @ 5350'. TESTED PLUG TO 4300 #. HELD OK. SWION. RD BLUE JET. RD HALLIBURTON.														
2/16/2002	HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE POINT LOOKOUT. RIH W/ 3 1/8" 90 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 5144' - 5156' W/ 1/2 SPF, 5168' - 5180' W/ 1/2 SPF, 5204' - 5216' W/ 1/2 SPF, 5226' - 5232' W/ 1/2 SPF, 5244' - 5250' W/ 1/2 SPF. A TOTAL OF 29 HOLES. SWI. RD BLUE JET.														
2/17/2002	HELD SAFETY MEETING. RU HOT OILER. HEATED FRAC WATER. RD HOT OILER.														
2/18/2002	HELD SAFETY MEETING. RU HALLIBURTON. 1ST STAGE. FRAC'D THE POINT LOOKOUT. TESTED LINES TO 4800 #. SET POP-OFF @ 3800 #. BROKE DOWN WELL FORMATION @ 15 BPM @ 1750 #. DROPPED 17 BIO BALL SEALERS @ 1 BALL PER BBL & 2 BALLS PER BBL FOR REMAINING 18 BIO BALL SEALERS @ 23 BPM @ 660 #. A TOTAL OF 35 BIO BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3700 #. PUMPED PRE-PAD @ 30 BPM @ 925 #. ISIP 0 #. FRAC'D THE POINT LOOKOUT W/ 65 Q 25 # LINEAR FOAM, 151,000 # 20/40 BRADY SAND, 898,000 SCF N2, 1055 BBL FLUID. AVG RATE 40 BPM. AVG PSI 1981 #. MAX PSI 2083 #. MAX SAND CONS 3 # PER GAL. ISIP 84 #. FRAC GRADIENT .44. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET @ 5136'. TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE MENELEE. RIH W/ 3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED THE MENELEE FROM 4918' - 4928' W/ 1/2 SPF, 4960' - 4970' W/ 1/2 SPF, 5048' - 5062' W/ 1/2 SPF. A TOTAL OF 20 HOLES. 2ND STAGE. FRAC'D THE MENELEE. TESTED LINES TO 4800 #. SET POP-OFF # 3800 #. BROKE DOWN FORMATION @ 12 BPM @ 2636 #. PUMPED 1350 GALS HCL ACID @ 5 BPM @ 590 #. DROPPED 16 BIO BALL SEALERS @ 1 BALL PER BBL & 2 BALLS PER BBL FOR REMAINING 16 BIO BALL SEALERS @ 25 BPM @ 2290 #. A TOTAL OF 32 BIO BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3700 #. PUMPED PRE-PAD @ 30 BPM @ 2000 #. STEPPED DOWN RATE TO 18 BPM @ 1252 #. STEPPED DOWN RATE TO 16 BPM @ 1048 #. STEPPED DOWN RATE TO 10 BPM @ 852 #. ISIP 610 # - 5 MIN 481 # - 10 MIN 425 # - 15 MIN 387 # - 20 MIN 360 # - 25 MIN 337 # - 30 MIN 311 #. FRAC'D THE MENELEE W/ 65 Q 25 # LINEAR FOAM, 105,000 # 20/40 BRADY SAND, 935,000 SCF N2, 787 BBLS FLUID. AVG RATE 40 BPM. AVG PSI 2775 #. MAX PSI 3445 #. MAX SAND CONS 3 # PER GAL. ISIP 1892 #. FRAC GRADIENT .56. SWION. RD HALLIBURTON.														