

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1 Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5 Lease Designation and Serial No. SF 077107
2 Name of Operator CONOCO INC.	6 Location, Allottee or Tribe Name BLM
3 Address and Telephone No. 10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424	7 If Unit or CA, Agreement Designation CON, NM
4 Location of Well (Footage, Sec., T. R. M. or Survey Description) Section 31, T-28-N R-9-W, D 820' FNL & 910' FWL	8 Well Name and No. Michener A LS #6E
	9 API Well No. 30-045-23879
	10 Field and Pool, or Exploratory Area Blanco Mesaverde
	11 County or Parish, State San Juan, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Repon	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracrunng
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

(Note: Repon results of multiple completion on Wdl Completion or Recompletion Report and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

It is proposed to recomplete this well in the Mesaverde according to the attached procedure.

**RECEIVED**  
APR 13 1998  
**OIL CON. DIV.**  
**DIST. 3**

14. I hereby certify that the foregoing is true and correct		
Signed <u>Kay Maddox</u>	Title <u>Kay Maddox</u>	Date <u>April 6, 1998</u>
(This space for Federal or State office use)		
Approved by <u>Joe Hewitt</u>	Title _____	Date <u>APR 10 1998</u>
Conditions of approval if any _____		

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

Title 18 U.S.C. Section 1001, makes 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

\*See Instruction on Reverse Side

**Michener A LS 6E  
Recomplete to Mesaverde &  
Down Hole Commingle with Dakota  
April 3, 1998**

**API # – 300452387900**

**LOCATION: Section 31, T- 28N, R - 9W, 820'FNL, 910 FWL, Unit Letter "D", San Juan County.**

**Objective**

Funds in the amount of \$99,000 are requested to recomplete the Michener A LS #6E to the Mesaverde Menefee & Point Lookout Sands (4477' – 4893') and down hole commingle with Dakota production. This procedure includes casing test and subsequent cement squeeze to repair casing if necessary. Addition of this pay should result in a production increase of 300 mcfd.

**Wellbore Specs (See attached Wellview information)**

Drilled in 1980, completed in Dakota sands, stimulation consisted of acid squeeze followed by slickwater fracture stimulation of the interval 6795' - 6965'.

PBTD: 7066', TD: 7085'.

PROD. CASING: 4-1/2", 10.50# (0 – 6320'), & 11.6#, 763', (6320'-7083'), K-55, 225 joints set @ 7083',  
DV tools @ 2532', & 5291', float collar @ 7066',  
Cement: 1<sup>st</sup> stage – 380 cu. Ft., 2<sup>nd</sup> stage – 679 cu. Ft., 3<sup>rd</sup> stage 725 cu. Ft.

Squeeze perfs @ 4,000' & 5,141'.

SURFACE CASING: 9-5/8", 36#, KS, 7 jts. set @ 306', TOC (circ. to surf)

TUBING: 218 joints, 2 3/8" EUE , 4.7#, J-55, set @ 6,958',w/ SN set @ 6927'.

**Note:** No packer in hole.

EXISTING PERFS: DAKOTA:

6795' 6810', 6815', 6865', 6875, 6880', 6884', 6906', 6930', 6938", 6960', 6965'. 1SPF

PROPOSED PERFS: Mesaverde Menefee & Point Lookout Formation:

Menefee perfs (8 holes) 4477', 91', 98', 4526', 34', 85', 92', 4671'

PLO perfs (10 holes) 4705', 19', 34', 42', 51', 70', 88', 98', 4817', 93'.

**Note:** A cement squeeze to correct a deficient primary cementing job was performed on this well in Sept.1980. Casing was perfed @ 5200' and 4,000' a cement retainer set at 5141' and squeezed 626 cu. ft. of class "B" cement. This squeezed probably covered the MV interval sufficiently for our frac job. There is a notice to repair casing leak from BLM dated 10/04/95 and submit plan to do so by April 1996 with no evidence that the leak was ever repaired. We will run a CBL and test and repair casng if necessary.

**Michener A LS 6E  
Recomplete to Mesaverde &  
Down Hole Commingle with Dakota  
April 3, 1998**

**PROCEDURE**

**1. Pre Work**

- A. Locate and test deadman anchors. Spot flowback pit (20x20) and prepare. Inform operator of work to be done and time frame. Check for location size and equipment placement. Identify any hazards (power lines, H<sub>2</sub>S, tight equipment fits).
- B. Have pressure gauges on both casing and tubing when necessary (during acid, frac, testing).
- C. Hold Safety Meeting before rigging up to discuss potential hazards and meeting place in case of an emergency.

**2. Pull Tubing & Set EZ-Drill Bridge Plug**

- A. RU. Blow well down and kill with minimum amount of 1% KCl. NU BOP's
- B. POOH w/ 2 3/8" tbg string.
- C. RU wireline. Make gauge run to 6750'. If OK, set EZ-Drill BP @ 6,750'. RD.

**Note:** Previously found 20' strip of scale at 4275', may have to run scraper if wireline can't get down.

**3. Pressure Test Casing, Isolate and Squeeze Leak if Necessary.**

- A. Pressure test casing to 3000#, (previously tested to 4000# after squeeze) if it appears to be leaking RIH test string.
- B. Test BP, pick up and test until leak is isolated. Consult engineering on repair and then notify Wayne Townsend, BLM for approval. If there is a leak between DK & MV zones we will squeeze, shoot & frac, & drill out after frac. We may elect to run CBL over larger interval to aid in decision.
- C. If casing tests OK then run CBL from 5200' to 3200' to ensure interval isolation.

**4. Perforate Menefee & Point Lookout**

RU wireline company and perforate the Menefee & Point Lookout with 18 select fire shots using a 3 1/8" HSC w/ .32" holes as follows (22 GRAMS OR HIGHER):

PLO perfs: 4893, 4817, 4798, 4788, 4770, 4751, 4742, 4734, 4719, 4705, (1SPF select fire 10 holes)

Menefee perfs: 4671, 4592, 4585, 4534, 4526, 4498, 4491, 4477, (1SPF select fire 8 holes)

Correlate to 4/30/80 Dresser Dnsilog

**Michener A LS 6E  
Recomplete to Mesaverde &  
Down Hole Commingle with Dakota  
April 3, 1998**

**5. Acidize and Frac Menefee & Point Lookout**

- A. PU workstring & 4 1/2" pinpoint packer & RIH; break down each perforation with ½ barrel 15% HCl acid. POOH and workstring.
- B. Prepare to frac down casing if it tested OK or RIH frac string and packer.
- C. Proceed w/ single stage Slickwater frac, as per BJ attached procedure.
- D. Obtain 5, 10, 15 min ISIP shut-in pressures, then bleed off.

**6. Test MV; then Drill Out Bridge Plug**

- A. Attempt to flow the MV back. If unsuccessful, POOH w/ frac string assembly (if run), RIH w/ workstring into 4-1/2" csg & C/O to PB. Unload using air or gas; obtain 4 hour stabilized test (report rates; pressures; etc for DHC application).
- B. After MV test, proceed to drillout BP. C/O to PBTD @ 7066' using gas or air. POOH.

**7. Return Well to Production**

Run 2-3/8" production tubing (w/ mule shoe & SN for plunger on bottom) and set @ 6700'. Install plunger & put in swab mode; put on production.. Monitor well for rate at least one week.

---

West Team

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd. Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1999

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

95 APR -9 2110:47

070 FAIRMONT, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-23879	2 Pool Code 72319	3 Pool Name Blanco Mesaverde
4 Property Code	5 Property Name Michener A LS	6 Well Number #6E
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	9 Elevation 6340'

10 Surface Location

UL or lot no. D	Section 31	Township 28N	Range 9W	Lot Idn	Feet from the 820	North/South line North	Feet from the 905	East/West line West	County San Juan
--------------------	---------------	-----------------	-------------	---------	----------------------	---------------------------	----------------------	------------------------	--------------------

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

12 Dedicated Acres 303.22	13 Joint or Infill	14 Consolidation Code	15 Order No.
------------------------------	--------------------	-----------------------	--------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16			

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Kay Maddox*  
Signature

Kay Maddox  
Printed Name

Regulatory Agent  
Title

February 18, 1998  
Date

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief

Date of Survey  
Signature and Seal of Professional Surveyor

Certificate Number

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**COPY**  
FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals		5. LEASE DESIGNATION AND SERIAL NO. <b>SF 077107</b>
<b>SUBMIT IN TRIPLICATE</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. IF UNIT OR CA, AGREEMENT DESIGNATION <b>MICHENER A LS</b>
2. NAME OF OPERATOR <b>CONOCO INC.</b>		8. WELL NAME AND NO. <b>#6E</b>
3. ADDRESS AND TELEPHONE NO. <b>10 Desta Drive, Suite. 100W Midland, Texas 79705-4500 (915) 686-5424</b>		9. API WELL NO. <b>30-045-23879</b>
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) <b>820' FNL &amp; 910' FWL, UNIT LETTER 'D4', SEC. 31, T28N, R09W</b>		10. FIELD AND POOL, OR EXPLORATORY AREA <b>BASIN DAKOTA</b>
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		11. COUNTY OR PARISH, STATE <b>SAN JUAN, NM</b>
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> <b>Subsequent Report</b> <input type="checkbox"/> Final Abandonment Notice	<div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> <b>Other: Remove tbg restriction</b></div><div><input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water</div></div> <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)</small>	
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)  03/12/98 MIRU. NDWH & NUBOP. Started to pull tbg. Tbg would not move, rotated tbg & started pulling tbg. Tbg was dragging coming up hole. Think we may have a pkr. (RECORDS DO NOT SHOW A PKR) Tally all tbg. POOH w/ all tbg & pkr. Fill @ 6910', & EOT @ 6854'.  03/13/98 RIH w/ Hallib. Tbg baler. Tagged fill @ 6910'. Cleaned fill to 7010'. Could not make any more hole. This is 45' below bottom perf. POOH w/ 2-3/8" tbg & baler. RIH w/ Mule shoe collar, SN, 8 jts 2-3/8" tbg, Hallib. PLS pkr & 207 jts of 2-3/8" tbg. Bottom of tbg @ 6854' & set pkr @ 6599'. NDBOP & NUWH. RU to swab. (Note; Packer is full bore, ran rabbit thru all tbg). RDMO.		
14. I hereby certify that the foregoing is true and correct		
SIGNED <u><i>Sylvia Johnson</i></u> (This space for Federal or State office use)		TITLE <u>SYLVIA JOHNSON, As Agent for Conoco Inc.</u> DATE <u>04/24/98</u>
APPROVED BY _____ TITLE _____		<b>ACCEPTED FOR RECORD</b> <b>MAY 01 1998</b>
Conditions of approval, if any: _____		
Title 18 U.S.C. Section 1001, makes 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.		

\* See Instruction on Reverse Side

NMOC