

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

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCO INC.

3. Address and Telephone No

10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)

Section 20, T-28-N, R-9-W, B
1180' FNL & 1460' FEL

5. Lease Designation and Serial No.

SF 077106

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Lackey B LS #16

9. API Well No

30-045-07349

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

San Juan County, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Repon
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracuring
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Repon result of multiple completion well 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 using the attached procedure.

Then DHC mv + DK - Order # 1885

RECEIVED
OCT 22 1998
BLM - BLM

14. I hereby certify that the foregoing is true and correct

Signed Kay Maddox

Title Regulatory Agent

Date October 22, 1998

(This space for Federal or State office use)

Approved by Jim Jabb

Title Acting Team Lead

Date 10/30/98

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

NMOCD

**Lackey B LS 16
Recomplete to Mesaverde &
Down Hole Commingle with Dakota
October 22, 1998**

API # – 300450734900

LOCATION: Section 20B, T - 28N, R - 9W, 1180' FNL , 1460' FEL, San Juan County.

Objective

Funds in the amount of \$123,750 are requested to recomplete the Lackey B LS 16 to the Mesaverde Menefee / Point Lookout sands and down hole commingle with Dakota production. Records indicate that the original cement job may not have sufficiently covered these intervals although there have been two additional remedial squeezes performed, no CBL log is available so a CBL log will be run to ensure sufficient isolation. Addition of this pay should result in a production increase of 400 mcf/d.

Wellbore Specs (See attached Wellview information)

Drilled in 1961, completed in Dakota sands, stimulation consisted of a treatment, a 1200 15% HCl acid squeeze, followed by slickwater fracture stimulation of the interval 6395' - 6604'.

PBTD: 6668', TD: 6682'.

PROD. CASING: 4-1/2", 9.50#, J-55, 178 joints from 0' to 5665', est. TOC 6756' - 1780',
DV tools @ 2311' & 4615'

4-1/2", 10.5#, J-55, 34 joints from 5665' to 6756',
(TOC – three stage cement job, 720 sxs, 6756' – 1780').

SURFACE CASING: 9-5/8", 32,3#, H-40 set @ 306', 5 jts., TOC (circ. to surf)

TUBING: 212 joints, 2 3/8" EUE , 4.7#, J-55, set @ 6,647' , (SN @ 6,616', 1 jt. off btm).
Baker Model R PKR Packer @ 6455', OD: 4.090"

FORMATION TOPS:

FRUITLAND	– 1883'
PC	– 2152'
LEWIS	– 2204'
MV	– 3682'
MV P.L.	– 4476'
GALLOP	– 5597'
GREENHORN	– 6368'
GRANEROS	– 6435'
DAKOTA	– 6553'

EXISTING PERFS: DAKOTA : 6553' - 6565'

PROPOSED PERFS: Mesaverde Menefee & Point Lookout Formation:

Lackey B LS 16
Recomplete to Mesaverde & Chacra
Down Hole Commingle with Dakota
October 22, 1998

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, H₂S, 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 / RU Wireline / Set EZ-Drill BP

- A. RU. Blow well down (both backside & tbg) and kill with minimum amount of 1% KCl. NU BOP's
- B. POOH w/ 212 joints 2 3/8" tbg string.
- C. RIH wireline and set fast drill BP approx. 50' below bottom proposed perforation to isolate from Dakota.

**Two Stage - Perforate Mesaverde Point Lookout / Frac / Set BP /
Perforate Menefee / Frac / Clean Up & Test (Frac same day!)**

3. Perforate Mesaverde Point Lookout

RU wireline company and perforate the Mesaverde Point Lookout.

4. Acidize and Frac Point Lookout (Frac string required due to sqz holes)

- A. RIH with work string and treating packer and spot 15% HCL acid across perms, and break down ballout as per BJ procedure.
 - B. PU 4-1/2 " treating packer on 2-7/8" frac-string.
 - C. Proceed Slickwater frac, as per BJ attached procedure.
 - D. POOH frac string and
- D. RU wireline, Set fast drill BP above MV perforations

Lackey B LS 16
Recomplete to Mesaverde & Chacra
Down Hole Commingle with Dakota
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5. Perforate Chacra

RU wireline company and perforate the Chacra:

(9 holes) 3031, 35,46,3113,23,31,34,41,53.

6. Acidize and Frac Chacra

- A. PU workstring & 4 1/2" treating packer & RIH; spot 15% HCL acid across perfs, and ballout as per BJ procedure.
- B. Frac down casing unless a frac string was required.
- C. Proceed Slickwater frac, as per BJ attached procedure.
- D. Flowback; cleanout w/ workstring/gas, and obtain 4 hour stabilized test.

7. Drill Out Bridge Plug / Clean up & test / Drill out BP and Clean out to PBTD

- A. Drillout BP, & C/O to below Mesaverde Menefee and Point Lookout. Set packer just above top Menefee perf, and flowback/clean up test through tbg, obtaining 4 hour stabilized test. . After stabilized test, drillout last BP over DK, blow hole clean and dry and POOH.

Note: This will be a trimingled well, we will need short but stable production tests on both the MV and Chacra intervals seperately.

Flow-back. Allow to clean-up & get stabilized test rate. NOTE: Length of stabilized rate test dictated by Regulatory. (ie, may need to revise commingle allocations). Four hour stabilized test minimum.

- B. RIH with 2.375" production tubing with Mule shoe and SN on bottom, hang top Dakota perforations (6,350') plus or minus a joint. This is depth tubing was originally.

8. Return Well to Production

Install plunger equipment and notify operator to install plunger & put in swab mode, put on production.. Monitor well for rate at least one week.

West Team

Cc: Well file, Tom Lenz, Linda Hernandez, Greg Vick (Farmington)

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, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-07349		2 Pool Code 72319	3 Pool Name Blanco Mesaverde	
4 Property Code	5 Property Name Lackey B LS			6 Well Number 16
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 5912'

10 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	28N	9W		1180	North	1460	East	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 320	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									

1180'

1460'

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

2/25/98
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