

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Designation and Serial No.

SF-077112

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Lackey

#1E

9. API Well No.

3004524911

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

San Juan

New Mexico

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

Attention:

Patty Haefele

3. Address and Telephone No.

P.O. Box 800, Denver, CO 80201

(303) 830-4988

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

1540' FSL

940' FEL

Sec. 23 T 28N R 9W

Unit I

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☒ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on 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.)*

Amoco Production Company requests permission to recomplete this well per the attached procedures.

RECEIVED
JAN 19 1996
OIL CON. DIV.
DIST. 3

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

Signed

Patty Haefele

Title

Staff Assistant

Date

01-09-1996

(This space for Federal or State office use)

APPROVED

Approved by

Title

Date

Conditions of approval, if any:

JAN 12 1996

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.

DISTRICT MANAGER

Hand C-104 for Chasre Pilot See instructions on Reverse Side

2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Held C-104 For
 Chava
 Plot @
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

96 JAN 10 PM 12:39

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

' API Number 30-045-24911		' Pool Code 72319	' Pool Name Blanco Mesaverde	
' Property Code 783	' Property Name Lackey			' Well Number 1E
' OGRID No. 000778	' Operator Name Amoco Production Company			' Elevation 6130'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
I	23	28N	9W		1540'	South	940	East	San Juan

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
11 Dedicated Acres 320	11 Joint or Infill	11 Consolidation Code		11 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				<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <u>Patty Haefele</u> Patty Haefele</p> <p>Printed Name _____ Staff Assistant</p> <p>Title _____ 1/9/96</p> <p>Date _____</p>
<p>RECEIVED JAN 1 9 2000 OIL CON. DIV. DIST. 8</p>				<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey <u>8/9/80</u></p> <p>Signature and Seal of Professional Surveyer: _____</p> <p>Certificate Number _____</p>



SJOET Well Work Procedure

Wellname: Lackey 1 E
Version: #1
Date: December 21, 1995
Budget: Major Cash
Workover Type: Recompletion

Objectives:

1. Check for and eliminate casing leaks.
2. Recomplete the Point Lookout, Menefee, and the Chacra horizons.
3. Establish gas rates and shut-in pressures on the MV and CK horizons.
4. Place well on production--trimingle existing DK with the MV and CK.

Note: We will attempt to frac both MV and CK horizons in one day.

Pertinent Information:

Location:	1540' FSL, 940' FEL, I23-28N-9W	Horizon:	DK
County:	San Juan	API #:	30-045-24911
State:	New Mexico	Engr:	Mark Rothenberg
Lease:	Federal # SF-077112	Phone:	W--(303)830-5612
Well Flac:			H--(303)696-7309
			P--(303) 553-6448

Economic Information:

APC WI:	50%	DK Prod. Before Recomp:	110 MCFD
Estimated Cost:	\$158,000	DK Anticipated Prod.:	110 MCFD
Payout:	4.2 years	MV Anticipated Prod.:	200 MCFD
Max Cost -12 Mo. P.O.		CK Anticipated Prod.:	50 MCFD
PV15:	\$42.2M		
Max Cost PV15:		Total Anticipated Prod.:	360 MCFD

Formation Tops: (Estimated formation tops)

Nacimiento:		Menefee:	4254
Ojo Alamo:		Point Lookout:	4663
Kirtland Shale:		Mancos Shale:	4993
Fruitland:		Gallup:	5842
Pictured Cliffs:		Greenhorn:	
Lewis Shale:		Graneros:	6660
Chacra:	3358	Dakota:	6720
Cliffhouse:	4068	Morrison:	

Bradenhead Test Information:

Test Date:	Tubing:	Casing:	BH:
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Suggested Procedure:

1. Check location for anchors. Install if necessary. Test anchors.
2. MIRUSU. Record DK SITP and CPs. Blow down well. Kill, only if absolutely necessary, with water.
3. Lower 2 3/8" and tag for fill. POOH with 2 3/8" tbg. NDWH. NUBOP. RIH with tbg and RBP, set RBP at 6650', circulate hole clean. Pressure test casing to 3500 psig. Isolate any leaks found and contact Denver. DO NOT repair any leaks before running CBL.
4. Run CBL/CCL/GR from RBP to TOL at approx. 2814' to determine TOC. Relay CBL info to Mark Rothenberg in Denver (continuous fax # 303-830-4264) to verify if remedial cement squeezes will be needed prior to any frac treatment.
5. Release RBP and reset at 5000'. Spot 10' of sand on RBP and pressure test to 1000 psig.
6. Correlate GR to Schlumberger Induction-Gamma Ray log (5/6/81) for depth control. Perf Limited Entry 15 shots at:

**4395, 4551, 4558, 4666, 4674, 4681, 4694, 4697
4725, 4755, 4764, 4772, 4808, 4830, 4840**

7. Break down and ball off perfs and frac MV according to frac procedure A.
8. TIH with wireline and RBP, set BP at 3500'. Spot 10' of sand on top of BP and pressure test BP to 1000 psig.
9. Perf Chacra high density with 2 JSPF over interval, **3366-3374**.
10. Break down and ball off perfs and frac Chacra according to frac procedure B.
11. Flow well back as soon as possible to tank on a 1/4" choke for 8 hours, then increase choke to 1/2". Establish and record gas, water, oil rates and producing and shut-in TP and Cps. Obtain water and gas samples.
12. RIH with bit and scraper for 4.5" csg and c/o sand to RBP at 3500'. TOH with RBP and RIH with bit and scraper for 4.5" csg and c/o sand to lower plug at 5000'. Establish and record gas, water, oil rates, producing and shut-in TP and CPs. Obtain water and gas samples.
13. Retrieve RBP at 5,000' and TOOH.

14. Reperforate Point Lookout and Menefee with 2 JSPF at

4386-4397	4546-4560	4663-4686	4692-4700
4722-4732	4752-4758	4760-4768	4770-4775
4804-4806	4808-4810	4826-4832	4836-4846

15. TIH with 2 3/8" production string, tag for fill and clean out if necessary, and land at 6900' (1/2 mule shoe on btm and a SN 1 JT off btm). RDMOSU

Well Name: Lackey 1 E

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1/3/96

16. Place well on production.

Note: Since this procedure may involve recompletion and DRA expenditures, please be sure to label all invoices accordingly so that costs can be accounted for properly.

If problems are encountered, please contact:

MARK ROTHENBERG

(W) (303) 830-5612

(H) (303) 696-7309

(P) (303) 553-6448

Amoco Production Company

ENGINEERING CHART

Sheet No. _____ of _____
File _____

Appn _____

SUBJECT LACKEY 1 E Federal Lease SF-077112

Date 11/24/95

3004524911 UNIT I, sec 23, 28N-9W 1540' FSL X 940' FEL

By MDR

