



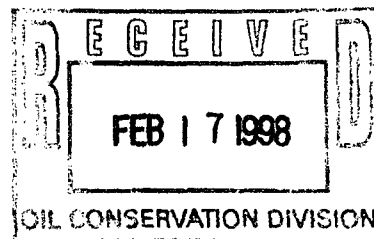
NSL 3/9/98

Mid-Continent Region
Exploration/Production

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5400

February 12, 1998

Bureau of Land Management
415 Montana, NE
Albuquerque, NM 87107



RE: Application for Non-Standard Blanco Mesaverde Location
Jicarilla 20 # 12, Section 18, T-25-N, R-4-W, E
API # 30-039-24271
Rio Arriba County, New Mexico

Dear Sir,

The proposed recompletion of this well in the Mesaverde requires a non-standard location order. The Mesaverde pool rules require a standard location to be 790' from the west section line. This well is only 335' from the west line, which is a standard location in regards to the current Jicarilla 20 #12 completion in the Lindrith West Gallup/Dakota Pool.

As shown on the attached production plot for completions nearest to the Jicarilla 20 #12, estimated ultimate recoveries and initial production rates from wells completed in the Mesaverde formation are insufficient to justify drilling stand alone wells. Utilization of the Jicarilla 20 #12 will prevent economic waste by allowing access to the Mesaverde in an existing wellbore. Furthermore, successful recompletion to the Point Lookout member of the Blanco Mesaverde Pool will constitute a southeasterly Pool extension to existing production established in the west half of Section 12, T-25-N, R-5-W on Conoco's Jicarilla K lease, roughly 1 mile to the northwest. An application to downhole commingle production utilizing the subtraction method has been filed.

The offset operator plat shows the operators that could be affected by this non-standard location and enclosed is evidence that they have been notified.

A non-standard location order is requested based on the reasons given in the preceding paragraph. If there are further questions concerning this application please call me at (915) 686-5798.

Sincerely,

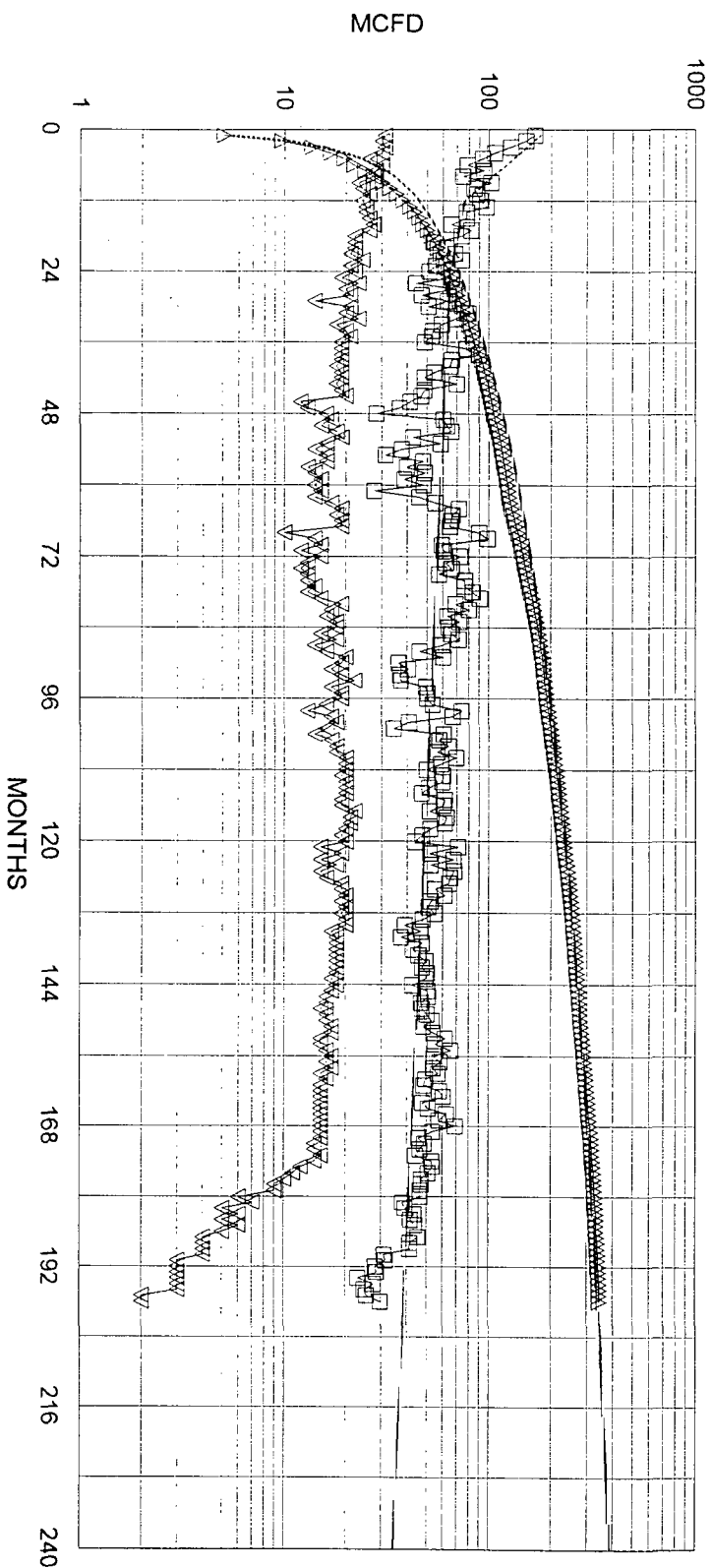
Kay Maddox
Regulatory Agent

cc: OCD - Santa Fe

BIM - ALBQ

NORMALIZED MESAVERDE PRODUCTION

31 WELLS SINCE 1980; OFFSET TO JICARILLA K LEASE: SE 26N 5W AND NE 25N 05W



NORMALIZED AVG:

532 MMCF EUR
387 MMCF IN 20
20 MCFD E.L.
0.0278 bbl/mcf oil yi

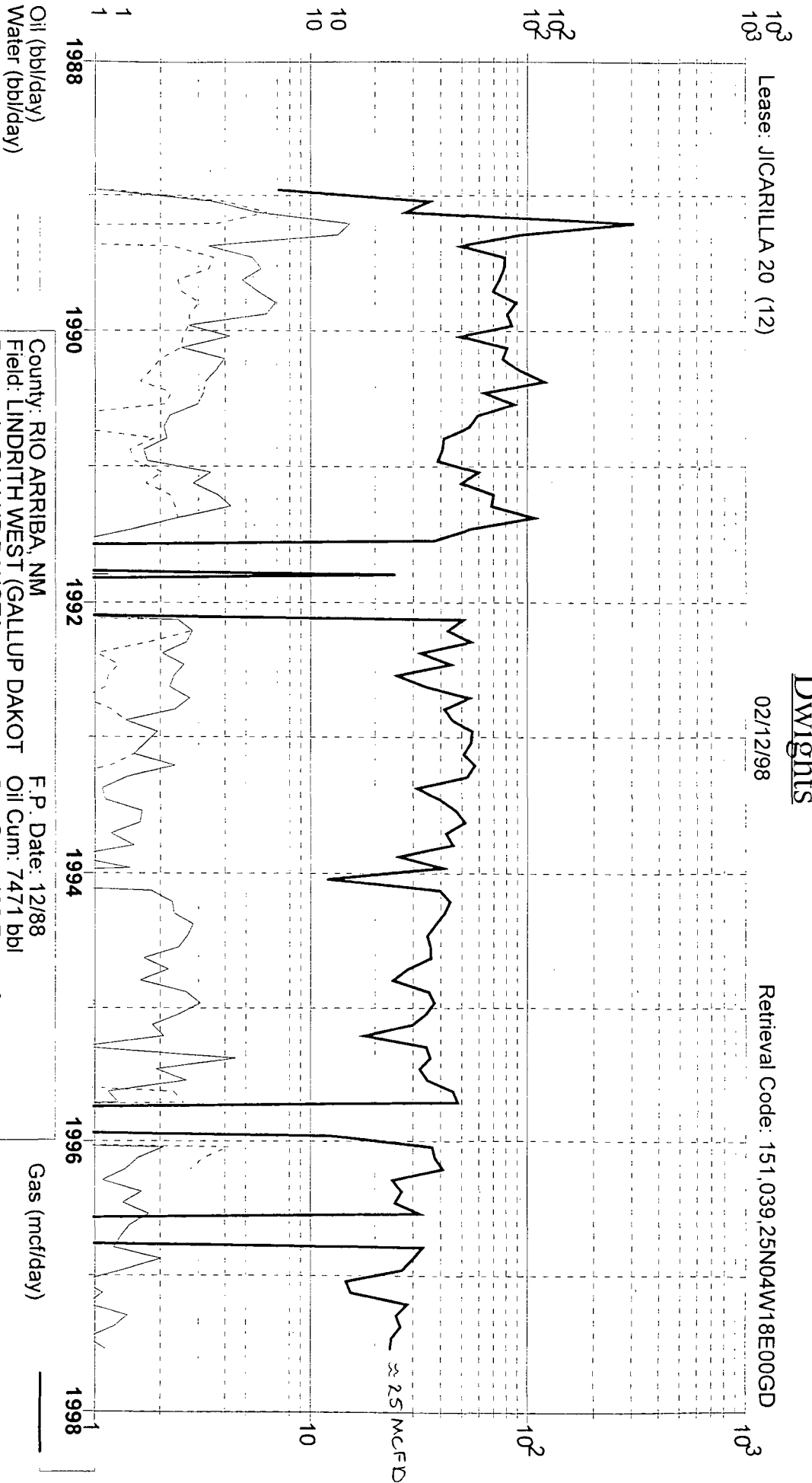
191 MCFD IP
60% DECLINE, 1ST 12 MONTHS
15% DECLINE, NEXT 72 MONTHS
3.5% FINAL DECLINE

Dwights

02/12/98

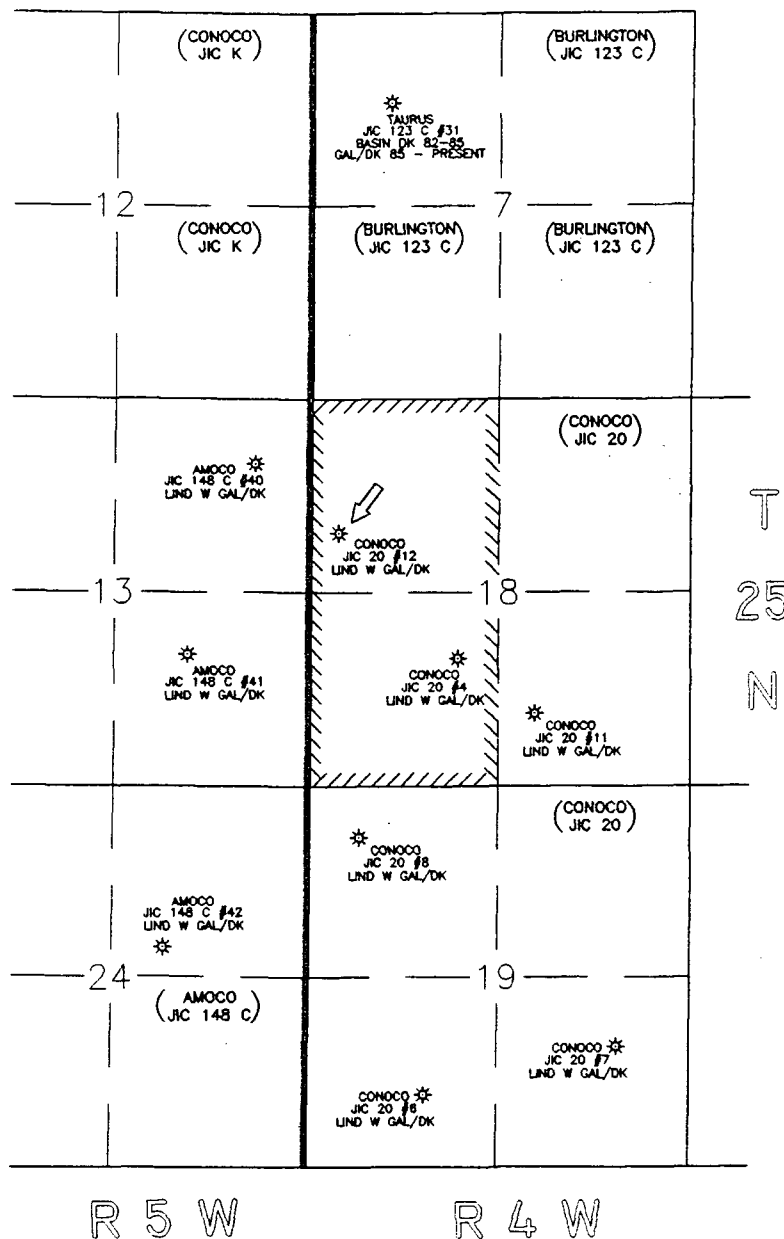
Retrieval Code: 151,039,25N04W18E00GD

Lease: JICARILLA 20 (12)



County: RIO ARRIBA, NM
Field: LINDRITH WEST (GALLUP DAKOT
Reservoir: GALLUP DAKOTA
Operator: CONOCO INC

F.P. Date: 12/88
Oil Cum: 7471 bbl
Gas Cum: 138.7 mmcf
Location: 18E 25N 4W



NOTES

NOTE:

LOCATION IS STANDARD FOR LINDRETH WEST GALLUP/DAKOTA, BUT NON-STANDARD FOR A BLANCO MESAVERDE (POINT LOOKOUT) RECOMPLETION. NEAREST BLANCO MESAVERDE PRODUCTION IS ROUGHLY ONE MILE NORTHWEST IN THE W/2 OF SECTION 12, T-25-N, R-5-W, ON CONOCO'S JICARILLA K LEASE.

DATE: 2/11/98

DRAWN BY: GLG

CHECKED BY:

APPROVED BY:

SCALE: 1" = 2640'

STATE PLANE COORDINATES REFERRED TO
NAD27 - N.M. WEST
STATE PLANE COORDINATES
ZONE - 3003



EPNGNA
MIDLAND DIVISION

CONOCO JICARILLA 20 LEASE
LINDRITH WEST GALLUP/DAKOTA PRODUCERS
JICARILLA 20 #12 NSL (BLANCO MV-PTLK)
RIO ARriba COUNTY, NEW MEXICO

STATE API COUNTY
30 \ 039

WELL
24271

DRAWING
25-4_12

CONOCO INC. OFFICE
10 DESTA DRIVE WEST
MIDLAND, TEXAS 79705

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 30-039-24271	2 Pool Code 72319	3 Pool Name Blanco Mesaverde
4 Property Code 003202	5 Property Name Jicarilla 20	6 Well Number #12
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	9 Elevation 7370' GL

10 Surface Location

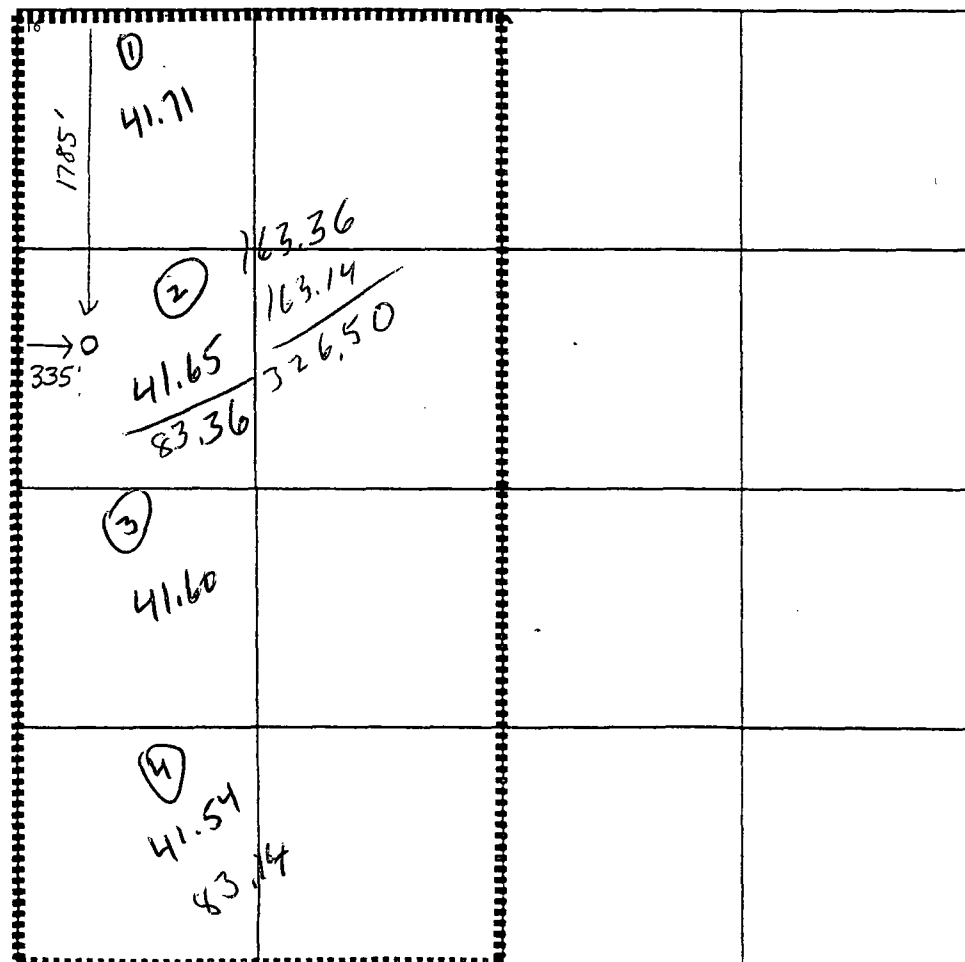
UL or Ord. No.	Section	Township	Range	Lot or Loc.	Feet from the	North/South line	Feet from the	East/West line	County
E	18	25N	4W		1785	North	335	West	Rio Arriba

11 Bottom Hole Location If Different From Surface

UL or Ord. No.	Section	Township	Range	Lot or Loc.	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



17 OPERATOR CERTIFICATION

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

Signature *Kay Maddox*
Printed Name Kay Maddox

Title Regulatory Agent

Date January 26, 1998

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

Conoco, Inc.
10 Desta Dr. STE 100W
Midland, TX 70705

RE: Application For Non-standard Blanco Mesaverde location
Jicarilla 20 #12, Section 18, T-25-N, R-4-W, E
API # 30-039-24271
Rio Arriba County, NM

Offset Operator:

Amoco Production Co.
PO Box 800
Denver, CO 80201

P 497 374 040

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Sent to <i>Amoco Prod. Co.</i>	
Street & Number <i>PO Box 800</i>	
Post Office, State, & ZIP Code <i>Denver, CO 80201</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800 April 1995

Submit 3 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Azusa, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

RECEIVED

'94 JAN 5 AM 9 35

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator CONOCO INC	Well API No. 30-039-24271
Address 10 Desta Drive Ste 100W, Midland, TX 79705	
Reason(s) for Filing (Check proper box) New Well ☐ ☐ Other (Please explain) Recompletion ☐ Change in Transporter of: Change in Operator ☐ Oil ☐ Dry Gas ☐ Casinghead Gas ☒ Condensate ☐	

If change of operator give name
and address of previous operator

II. DESCRIPTION OF WELL AND LEASE

Lease Name JICARILLA 20	Well No. 12	Pool Name, including Formation LINDRITH GALLUP-DAKOTA, WEST	Kind of Lease State, Federal or Fee XXX	Lease No. CONTRACT 660
Location Unit Letter E 1785 Feet From The NORTH Line and 335 Feet From The WEST Line Section 18 Township 25 N Range 04 W NMPM RIO ARRIBA County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil GIANT REFINERY (009018)	or Condensate ☒	Address (Give address to which approved copy of this form is to be sent) P.O. BOX 338, BLOOMFIELD, NM. 87413				
Name of Authorized Transporter of Casinghead Gas CONOCO, INC (005097)	or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent) 10 DESTA DR STE 100W, MIDLAND, TX 79705				
If well produces oil or liquids, give location of tanks.	Unit E	Sec. 18	Twp. 25N	Rge. 04W	Is gas actually connected? YES	When?

If this production is commingled with that from any other lease or pool, give commingling order number.

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, K', GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
					DEC 29 1993			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth as be for full 24 hours.)			
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (psia-in)	Casing Pressure (psia-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation
Division have been complied with and that the information given above
is true and complete to the best of my knowledge and belief.

Signature Bill R. Keathly
BILL R. KEATHLY SR. REGULATORY SPEC.

Printed Name
12-17-93
Date
915-686-5424
Telephone No.

OIL CONSERVATION DIVISION

Date Approved DEC 29 1993

By [Signature]
SUPERVISOR/DISTRICT #3
Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

OIL CONSERVATION DIVISION
UNITED STATES
REDEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

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

'91 SEP 6 AM 9 18

91 AUG 22

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

AUG 30 1991
OIL CON. DIV.
DIST. 3

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCO INC.

3. Address and Telephone No.

3817 NW Expressway, Oklahoma City, OK 73112 (405) 948-3100

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

1785' FNL & 335' FWL Sec. 18-T25N-R4W

5. Lease Designation and Serial No.

Contract No. 64

6. If Indian, Allottee or Tribe Name

INGTON, N.M.

Jicarilla Apache

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Jicarilla 20-11

9. API Well No.

30-039-24271

10. Field and Pool, or Exploratory Area

W. Lindrith Gallup Dakot

11. County or Parish, State

Rio Arriba Co., NM

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☐ 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.)

This is in response to your letter pertaining to the 11-17-88 Sundry Notice submitted by the now closed Hobbs Office. They failed to file the subsequent report. The Gallup & Dakota Sds were completed & the Ojo Alamo was isolated & squeezed as follows:

Went in hole w/4" hollow carrier loaded w/4 JSPF. Perforated Squeeze Perfs @ 3790'. WIH/with packer, set pkr. & pressure tested RBP to 2000 psig & held. Spotted 2 bbls 15% HCL NE FE Acid from 3790-3695, pulled up & set pkr @ 3481'. Established Injection rate down TBb. of 2.5 BPM @ 650 psig w/2% KCL wtr. Established circulation through surface csg. annulus after pumping 50 bbls 2% KCL wtr. Mixed & Pumped 250 sx 65/35 Cl. "B"/Oiz w/6% Gel & .8% CF-10 & tailed w/50 sx Cl. B Neat w/2% CACl₂. Lost circulation after pumping 65 bbls slurry - pumped 97 bbls slurry total. Shut Well In. Released Pkr., tagged TOC @ 3626', POOH w/tbg & Pkr. WIH w/slickline & Temp. Survey Tool. Ran survey from surface to 3626', found top of cement behind pipe @ 2000'. POOH w/wireline, prepare to drill out cement & test.

Drilled out cement from 3626' to 3790', chased stringers, circulated hole w/2% HCL wtr, pressure tested squeeze to 1000 psig for 30 min. & held.

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

Signed

Barbara J. Bale

Title

Regulatory Affairs

Sr. Oil & Gas Assistant

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD
Date August 20, 1991

AUG 26 1991

Date

FARMINGTON RESOURCE AREA

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

NMCOO

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

RECEIVED

90 AUG 15 AM 9 48

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Conoco Inc.	Well API No. 300392427100
Address 3817 N.W. Expressway, Oklahoma City, OK 73112	
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)	
New Well ☐	Change in Transporter of:
Recompletion ☐	Oil ☒ Dry Gas ☐
Change in Operator ☐	Casinghead Gas ☐ Condensate ☐
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name JICARILLA 20	Well No. 12	Pool Name, including Formation W. LINDEITH, LINDEITH GALLAGHER, NORTH WEST	Kind of Lease State, Federal or Fee	Lease No. 001725 6098000640
Location				
Unit Letter E	: 1785	Feet From The NORTH Line and 335	Feet From The WEST Line	
Section 18	Township 25N	Range 4W	NMPM, Rio Arriba	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
Giant Refining Co.	23733 N.Scottsdale Rd., Scottsdale, AZ 85255
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)
PASO NATURAL	PETROLEUM PLAZA, FARMINGTON, NM 87401
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When?
	M 20 25N 4W YES

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)			
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
		AUG 06 1990	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
			OIL CON. DIV
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF
			DIST. 3

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

J. E. Barton

Signature
J. E. Barton Administrative Supr.

Printed Name
(405) 948-3120

Date
Telephone No.

OIL CONSERVATION DIVISION

AUG 03 1990

Date Approved

By

DEPUTY OIL & GAS INSPECTOR, DIST. #3

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

RECEIVED

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

APR 25 1989

Operator Conoco Inc.	Well API No. 30-039-24271
Address P. O. Box 460, Hobbs, New Mexico 88240	
Reason(s) for Filing (Check proper box) New Well ☒ Change in Transporter of: Recompletion ☐ Oil ☐ Dry Gas ☐ Change in Operator ☐ Casinghead Gas ☐ Condensate ☐	
If change of operator give name and address of previous operator	

RECEIVED
FEB 22 1989
OIL CON. DIV.
DIST. 3

II. DESCRIPTION OF WELL AND LEASE

Lease Name Jicarilla 20	Well No. 12	Pool Name, Including Formation Lindrith Gallup Dakota West	Kind of Lease I State, Federal or Fee	Lease No. Contract #64
Location Unit Letter E : 1785 Feet From The N Line and 335 Feet From The W Line Section 18 Township 25N Range 4W, NMPM, Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Conoco Inc. Surface Transportation	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1429, Bloomfield, N. M. 87413
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1492, El Paso, Texas 79978
If well produces oil or liquids, give location of tanks.	Unit M Sec. 20 Twp. 25N Rge. 4W Is gas actually connected? Yes When? 12-11-88

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well X	Gas Well	New Well X	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded 9-29-88	Date Compl. Ready to Prod. 12-2-88	Total Depth 8212'	P.B.T.D. 8176'					
Elevations (DF, RKB, RT, GR, etc.) 7370'	Name of Producing Formation Gallup/Dakota	Top Oil/Gas Pay 7010'	Tubing Depth 8042'					
Perforations 7010' - 7124', 7176' - 7306', 7862' - 8068'			Depth Casing Shoe 8212'					
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE 11"	CASING & TUBING SIZE 8-5/8"	DEPTH SET 420'	SACKS CEMENT 300 Sx					
7-7/8"	5-1/2"	8212'	1300 Sx.					
	2-3/8"	8042'						

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank 12-8-88	Date of Test 2-16-89	Producing Method (Flow, pump, gas lift, etc.) Flowing	
Length of Test 24	Tubing Pressure SITP 560 PSI	Casing Pressure SICP 910 PSI	Choke Size
Actual Prod. During Test 34	Oil - Bbls. 21	Water - Bbls. 13	Gas - MCF 116

GAS WELL 163.36

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature
D. F. Finney, Administrative Supervisor
Printed Name
2-21-89
Date
(505) 397-5800
Telephone No.

OIL CONSERVATION DIVISION

2-22-89
Date Approved FEB 22 1989

By
Title SUPERVISOR DISTRICT #3

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.) formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s). (If any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Pictured Cliffs	3668'	+3717'
				Chacra	4550'	+2835'
				Cliff House	5322'	+2063'
				Mene Fee	5368'	+2017'
				Point Lookout	5858'	+1527'
				Gallup	7008'	+3772'
				Greenhorn	7780'	-395'
				Graneros	7842'	-457'
				Dakota	7860'	-475'

Perforations:

Dakota: 7862', 64', 66', 68', 70', 72', 74', 76', 8002', 04', 06', 08',
10', 12', 14', 16', 18', 20', 22', 24', 26', 28', 30', 32', 34',
36', 38', 40', 42', 44', 46', 48', 50', 52', 54', 56', 58', 60',
62', 64', 66', & 8068.

Lower & Middle

Gallup: 7176', 78', 80', 82', 84', 86', 88', 90', 92', 94', 96', 98', 7200',
02', 04', 06', 08', 10', 12', 14', 16', 18', 20', 22', 24', 26', 28', 30',
32', 34', 38', 40', 60', 62', 64', 66', 68', 70', 72', 74', 76', 78',
80', 82', 84', 86', 88', 90', 92', 94', 96', 98', 7300', 02', 04', &
06'.

UPPER

Gallup: 7010', 12', 14', 16', 18', 20', 22', 24', 26', 28', 30', 32', 34', 36',
38', 40', 42', 44', 46', 48', 50', 52', 54', 56', 58', 60', 62', 64',
66', 84', 86', 88', 90', 92', 94', 96', 98', 7100', 12', 14', 16',
18', 20', 22', & 24'.

Acid Testing:

3790'-3695' - 2 bbls. 15% HCL-NE-FE
pmpd. 50 bbl 20% KCL wtr.

UPPER

Gallup: 3 BBL 7 1/2% HCL-NE-FE
45 BBL 7 1/2% HCL-NE-FE

Flushed: 45 BBL 2% KCL wtr.

6575 gals. gel wtr.

pmpd: 28,000 gals 30# gel water pad
16,000 gals gel water

41,000 gals. sand

Middle &

Lower Gallup: 3 bbls 7 1/2% HCL-NE-FE

57 bbls. HCL-NE-FE

Flushed: 38 bbls 2% KCL, 6750 gals. gel water

pmpd: 91 bbls gel water

615 bbls 30# gel water

105,000# sand total

\$

Dakota: 66 BBL 7 1/2% HCL-NE-FE

flushed: 52 BBL 2% KCL

6930 gals. 2% KCL wtr.

pmpd: 16,000 gals. 30# gel wtr. pad

8,397 gals. 30# gel

5,880 gals. 30# gel pad

6,567 gals. 30# gel

6,392 gals. 30# gel

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 64

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 20

9. WELL NO.

12

10. FIELD AND POOL, OR WILDCAT

W. Lindrith Gallup Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 18 T25N R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

Nm

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Conoco Inc.

3. ADDRESS OF OPERATOR

PO Box 460, Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1785' FNL + 335' FWL Unit E

14. PERMIT NO.

30-039-24271

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7370' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)*

Ran 186 jts of 5 1/2", 17#, N80 x K-55 production casing and set @ 8212'. Cemented w/ 1250 sxs class "H" and 50 sxs Class "B" Neat. No cement returns Top of Cement @ 3400' based on temp. survey.

RECEIVED
BLM MAIL ROOM
88 NOV 14 PM 1:20
FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

RECEIVED

NOV 21 1988

OIL CON. DIV

DIST. 2

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

SIGNED

D.F. Finney TITLE Adm. Supervisor

DATE 11/8/88

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

DATE

NOV 17 1988

NMOCC

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

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.

Blm - Farmington (6) File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill on or deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR
Conoco Inc.

3. ADDRESS OF OPERATOR
PO Box 460, Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
1785' FNL + 335' FWL Unit E

14. PERMIT NO.
30-039-24271

15. ELEVATIONS (Show whether DT, RT, GR, etc.)
7370' GL

5. LEASE DESIGNATION AND SERIAL NO.
Contract No. 64

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

UNIT AGREEMENT NAME

7. FARM OR LEASE NAME
Jicarilla 20

8. WELL NO.
12

10. FIELD AND POOL, OR WILDCAT
W. Lindrith Gallup Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18 T25N R4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐	WATER SHUT-OFF	☐
FRACTURE TREAT	☐	FRACTURE TREATMENT	☐
SHOOT OR ACIDIZE	☐	SHOOTING OR ACIDIZING	☐
REPAIR WELL	☐	(Other)	☐
(Other) <u>Isolate Ojo Alamo</u>	☒		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)

Kill well w/2% KCL water if necessary. RIH w/RBP + set @ 3800'
Pressure test RBP to 1000 psi. Perf. 4 JSPF @ 3400' RIH
w/treating pkr. Set pkr @ 3300' + pressure up backside to 500 psi.
Protect the fresh water sands of the Ojo Alamo formation
by circulating cement from 3400' - 2200'. Establish circ
w/2% KCL water. Pump 175 sxs of 65/35 Class B / Poz
w/6% gel + 0.8% CF-10. Displace cement w/21 bbls
of 2% KCL water. POOH w/treating pkr. Run temp. survey
to determine TOC. Drill out cement + pressure test squeeze
perfs to 1000 psi.

RECEIVED

NOV 21 1988

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

SIGNED D.F. Finney TITLE Adm. Supervisor

(This space for Federal or State office use)

OIL CON
DATE 11/8/88

APPROVED BY [Signature] TITLE NMOCC

CONDITIONS OF APPROVAL, IF ANY:

DATE APPROVED

*See Instructions on Reverse Side

[Signature] 11/8/88
AREA MANAGER

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.

BLM - Farmington (6) File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Budget Bureau No. 100
Expires August 31, 1988
5. LEASE DESIGNATION AND SERIAL
Contract No. 6
6. IF INDIAN, ALLOTTEE OR TRIBAL

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or work back to a different reservoir.
Use "APPLICATION FOR PERMIT TO DRILL OR TO DEEPEN OR WORK BACK TO A DIFFERENT RESERVOIR"

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
Conoco Inc.

3. ADDRESS OF OPERATOR
PO Box 460, Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
1785' FNL + 335' FWL
Unit E

14. PERMIT NO.
30-039-24271

15. ELEVATIONS (Show whether DP, RT, GR, etc.)
7370' GL

7. UNIT AGREEMENT NAME
Jicarilla Apache

8. FARM OR LEASE NAME
Jicarilla 20

9. WELL NO.
12

10. FIELD AND POOL, OR WILDCAT
W. Lindrith Gallup D

11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA
Sec. 18 T25N R4

12. COUNTY OR PARISH
Rio Arriba

13. STATE
Nm

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

SUBSEQUENT REPORT OF:

REPAIRING WELL
ALTERING CASING
ABANDONMENT

17. 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.)
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Spud well on 9/29/88 @ 12:30 Am. Ran 10 jts of 8 5/8" 24# , K-55 ~~gas~~ surface casing and set @ 420'. Cemented w/ 300 sx5 Class B w/ 2% CaCl2. Circulated 37 bbls to surface.

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

SIGNED D.F. Finney
(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE Adm. Supervisor

RECEIVED
OCT 17 1988
OIL CON. DIV.
DIST. 2

DATE 10/16/88

NMOCC

*See Instructions on Reverse Side

ACCEPTED FOR RECORD
OCT 12 1988
FARMINGTON RESOURCE AREA

Title 16 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.
Blm - Farmington (6) File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-24271

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Conoco Inc.

3. ADDRESS OF OPERATOR

P.O. Box 460, Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1785 + 790' FNL +

725' FWL

Unit E

At proposed prod. zone

335'

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

8300'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

23.

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

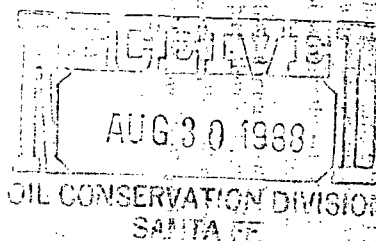
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	"GENERAL REQUIREMENTS"
11	8 5/8"	28 #	400'	Surface
7 7/8"	5 1/2"	15.5 #	8300'	Surface

It is proposed to drill a straight hole to a TD of 8300'
and complete as a W. Lindrith Gallup/Dakota well.

Attached are the Well Plan and Surface Use Plan.

RECEIVED
BLM MAIL ROOM

JUN 17 PM 1:22

SUNGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

IN ABOVE SPACE, DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

D.F. Finney

TITLE Adm. Supervisor

DATE

6/15/88

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

NMOC

*See Instructions On Reverse Side

BLM - Farmington (6) File BIA - Dulce

APPROVED

AS AMENDED

AUG 10 1988

AREA MANAGER

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-107
Surveyor's Use
Effective 1-1-83

All distances must be from the outer boundaries of the Section.

Operator CONOCO INC.		Lease JICARILLA 20		Well No. 12	
Unit Letter E	Section 18	Township 25N	Range 4W	County Rio Arriba	
Actual Postage Location of Well:					
1785 feet from the North		line and 335		feet from the West line	
Ground Level Elev. 7370	Producing Formation Gallup Dakota		Pool West Lindrith		Dedicated Acreage 160/63.36

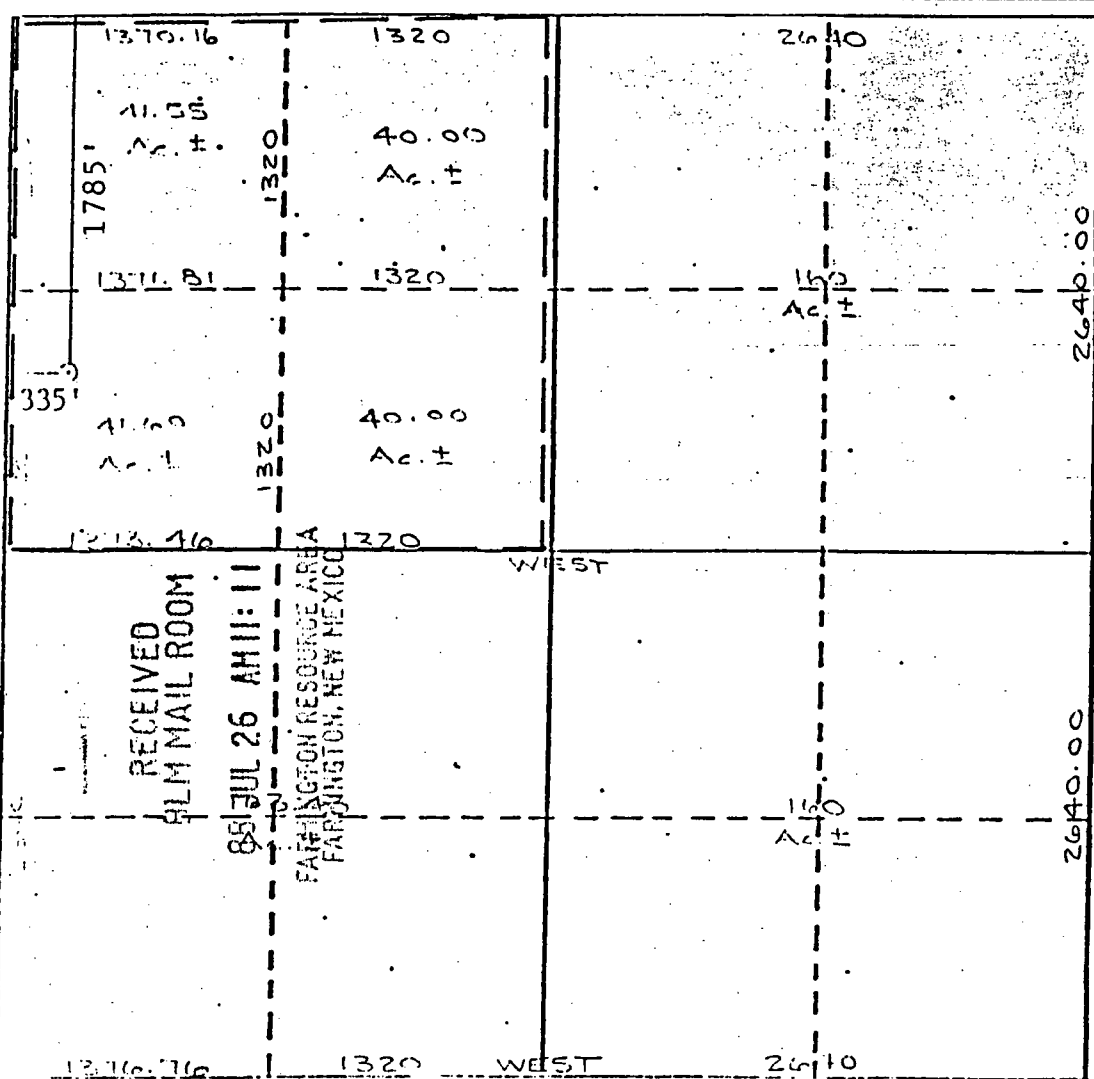
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

EAST



CERTIFICATION

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

Name **Ref. for D.F. Finne**
Position **Adm. Supervisor**
Company **Conoco Inc.**
Date **7/19/88**

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 knowledge and belief.

CECIL B. TULLIS
REGISTERED PROFESSIONAL SURVEYOR
NEW MEXICO
9572
JUL 4, 1988
Professional Engineer
on/No

Cecil B. Tullis

Certification No.

9672