NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
http://emnrd.state.nm.us/ocd/District III/3district.htm

GARY E. JOHNSON
Governor

Jennifer A. Salisbury
Cabinet Secretary

November 1, 1999

Ms. Deborah Moore
Conoco, Inc.
PO Box 2197-DU3066
Houston, TX 77252

Re: San Juan 28-7 Unit #164, B-13-28N-07W, API # 30-039-20517
Application For Tubingless Exception To Rule 107

Dear Ms. Moore:

Your request to pull tubing in the referenced well and install a casing plunger is hereby granted. This action may produce gas and lift oil and water more efficiently that could result in the recovery of additional reserves. If the plunger is removed after installation, tubing must be re-run before the well is allowed to produce.

If you have any questions, please contact this office.

Yours truly,

Ernie Busch

Ernie Busch
District Geologist/Deputy O&G Inspector

EB/mk

Xc: Well File

SJ28-7#164TBX.DOC

conoco

Deborah Moore
Regulatory Analyst
EPNA - Gulf Region
Lobo/San Juan Asset Unit

Conoco Inc.
P.O. Box 2197 – DU3066
Houston, TX 77252
(281) 293-1005

September 29, 1999

Mr. Ernie Busch
New Mexico Oil Conservation Division – Aztec District Office
1000 Rio Brazos Road
Aztec, New Mexico 87410

RE: Application for Tubingless Exception to Rule 107
San Juan 28-7 Unit #164
API# 30-039-20517
B, Sec. 13, T-28N, R-7W

Dear Mr. Busch:

An exception to Rule 107, requiring the above listed wells to be produced with tubing, is requested. It is believed that producing the well tubingless will increase the producing rate efficiency and maximize recovery from these wells. The purpose for removing the tubing from this well to allow the use of the casing plunger that permits continuous gas flow while at the same time automatically lifting produced oil and water volumes.

Conoco, Inc. was first granted permission to use this tool on the Ohio #1 by Order TX 278 dated 12/15/97. This procedure has proved to be extremely successful on mature depleted gas wells that have been marginal low rate producers whose production has been restricted by fluid loading. This procedure also cuts high maintenance costs to the wells and makes them more efficient to operate.

To configure the wellbore for use with the casing plunger the production tubing will be removed and the casing pressure tested for leaks and drift. A casing scraper will be used to clean out the interior casing surface and then re-pressure tested. A downhole collar stop and casing plunger catcher will be installed in the first collar above the top perforation (see attached wellbore schematics). At the surface the wellhead will be configured with a plunger catcher and a bypass with an automated controller. The plunger is automatically dropped when a fluid loading problem is detected by the surface controller while allowing continuous gas flow through its internal bypass valve.

Conoco, Inc. requests that we be granted an exception to Rule 107 for the above referenced well to convert to a tubingless operation to fully optimize and economically produce this mature, depleted gas well. If you have any questions regarding our request please do not hesitate to call me at (281) 293-1005.

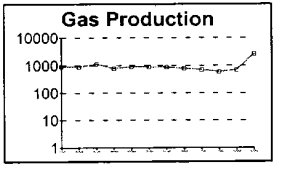
Sincerely,

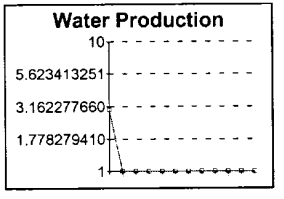
Deborah Moore

Deborah Moore
Regualtory Analyst – Conoco, Inc.

Lease:	SAN JUAN 28 7 UNIT	Well #:	164	FP Date:	72-09
Field:	BASIN (DAKOTA) DK	Location:	13B 28N 7W	LP Date:	99-02
Operator:	CONOCO INC	Liquid Cum:	11 bbls	Liq Since:	FPDATE
RCI #:	251,039,28N07W13B00DK	Gas Cum:	996,145 mcf	Gas Since:	FPDATE
API #:	30-039-20517-00	Status:	ACT GAS		

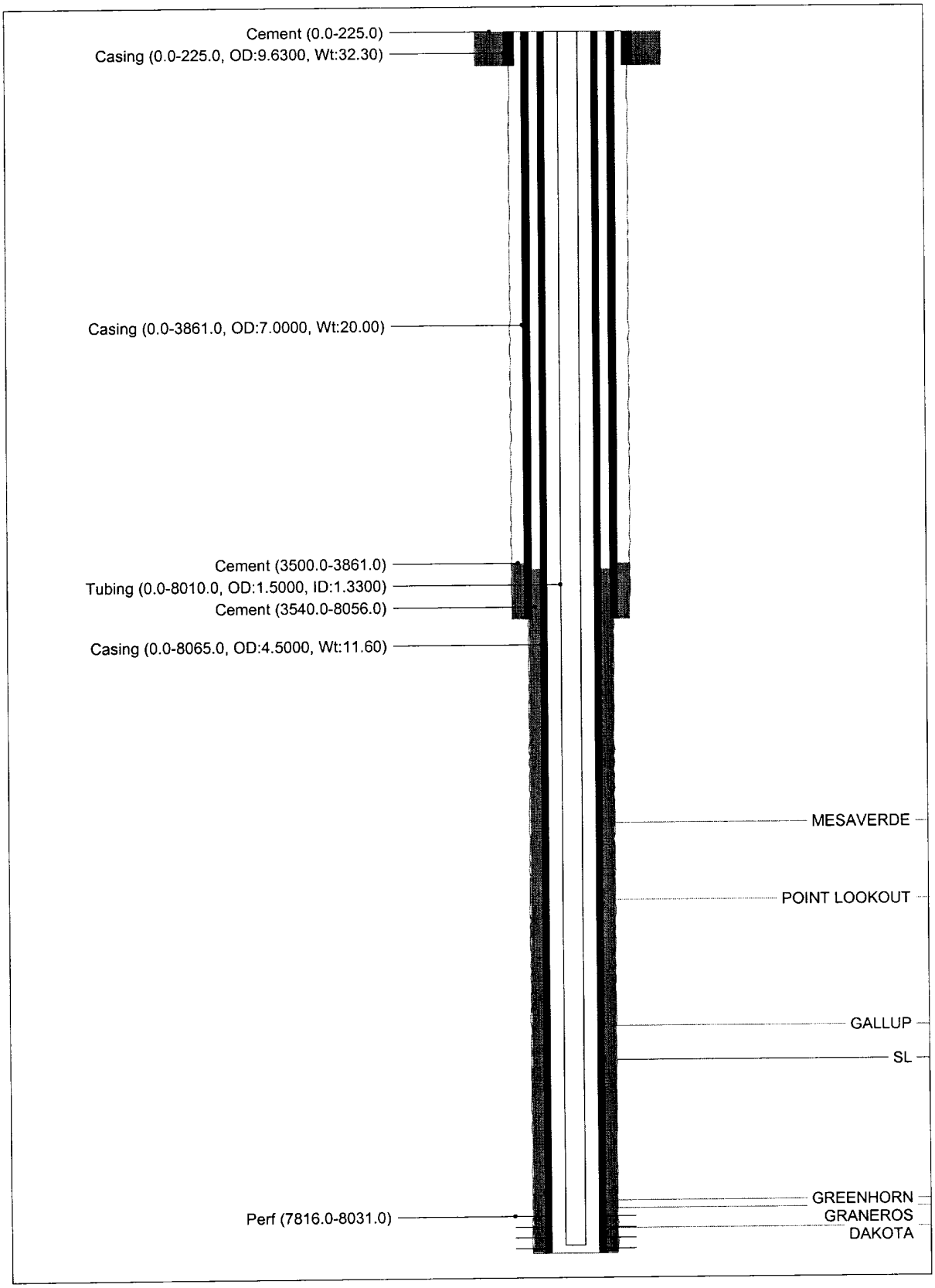
DATE	OIL, BBLs	GAS, MCF	WATER, BBLs	WELLS
03/1998	0	907	3	1
04/1998	0	880	0	1
05/1998	0	1,119	0	1
06/1998	0	768	0	1
07/1998	0	895	0	1
08/1998	0	874	0	1
09/1998	0	845	0	1
10/1998	0	780	0	1
11/1998	0	697	0	1
12/1998	0	580	0	1
01/1999	0	686	0	1
02/1999	0	2,513	0	1
Total	0	11,544	3	





SAN JUAN 28-7 UNIT 164 (DRW 7/9/99) (300392051700)

9/29/1999



District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88240
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131
2040 S. Pacheco
Santa Fe, NM 87505

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

7115069 164FRR
1160520

Form C-140
Revised 06/99

SUBMIT ORIGINAL PLUS 2 COPIES TO APPROPRIATE DISTRICT OFFICE

APPLICATION FOR WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address	OGRID Number
Conoco Inc. P.O. Box 1267 Ponca City, OK 74604-1267	005073

JUN 2000 RECEIVED OIL CON. DIV. DIST. 3

Contact Party	Phone
Marti Johnson	(580) 767-2451

Property Name	Well Number	API Number
San Juan 28-7	160B	3003920517

UL	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
B	13	28N	7W	840'	FNL	1460'	FEL	Rio Arriba

II. Workover

Date Workover Commenced:	Previous Producing Pool(s) (Prior to Workover):
9/28/99	

Date Workover Completed
10/1/99

III. Attach a description of the Workover Procedures performed to increase production.

IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

V. AFFIDAVIT:

State of Oklahoma)
) ss.
County of Kay)

Marti Johnson, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature [signature] Title Coordinator, A & I M Date 6/12/00

SUBSCRIBED AND SWORN TO before me this 12th day of June, 2000.

OKLAHOMA NOTARY PUBLIC
COMM EXP 05-09-2002
LAURIE TAPP
KAY COUNTY

[signature] Notary Public

My Commission expires: _____

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 10/1/99

Signature District Supervisor	OCD District	Date
[signature]	3	7/14/00

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

Form 3160-5
June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

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

5. LEASE DESIGNATION AND SERIAL NO
SF 079290

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

7. IF UNIT OR CA, AGREEMENT DESIGNATION
San Juan 28-7 Unit

TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐

8. WELL NAME AND NO.
San Juan 28-7 Unit #164

NAME OF OPERATOR
CONOCO INC.

9. API WELL NO
30-039-20517

ADDRESS AND TELEPHONE NO
P.O. Box 2197, DU 3066, Houston, TX 77252-2197 (281) 293-1613

10. FIELD AND POOL, OR EXPLORATORY AREA
Basin Dakota

LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description)
840' FNL & 1460' FEL, UNIT LETTER "B", Sec. 13, T28N-R7W

11. COUNTY OR PARISH, STATE
Rio Arriba County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other: Casing Plunger	☐ Dispose Water

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

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.)

9/28/99 Rig up, spot all equipment. Rig up pump & pit. Check wellhead pressures. Csg 160 psi. and Tbg 160 psi. Blow well down. NDWH & NUBOP. RIH with 2 jts to tag for fill. POOH with 1 1/2" tubing. Tally and lay down all 1 1/2" tubing. Total 1 1/2" tubing in well 247 JTS @ 7998'. Tagged fill @ 8040' with KB added in. Bottom perf @ 8031'. PBTD @ 8059'. Will not clean fill. Change equipment to run 2 3/8" tubing. Spot float with tubing. Started running in the hole with 2 3/8" tubing with Csg scrapper and bit. Tally all tubing.
9/29/99 Continue to RIH with Bit & Csg scrapper. Tally all 2 3/8" tubing. Run Csg Scrapper to 8040'. Run scrapper up & down the hole 3 times on each joint. POOH with all 2 3/8" tubing with bit & Scrapper. Stand tubing back in the derrick.
9/30/99 Rig up Blue Jet. RIH with Casing Caliper Log. Logged from 7800'to surface. Rigged down Blue Jet. Casing Caliper Log looks GOOD. RIH with 2 3/8" tubing with Csg Scrapper. Preparing to lay down 2 3/8" tubing in singles on the trailer.
10/1/99 Check well. Csg 520 psi. Blow well down. Continue to POOH with 2 3/8" tubing. Laying all tubing down on trailer, in singles. This well will be a tubeless completion. Will run a casing Plunger in this well. NDBOP & NU new type wellhead with 4 1/2" Ball valve for the casing plunger. Rig down & get equipment ready to move. FINAL REPORT.

I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE VERLA JOHNSON, As Agent for Conoco Inc. DATE 10-5-99

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
Conditions of approval, if any

070 FARMINGTON, NM 99 OCT 13 PM 3:4 RECEIVED BLM

ACCEPTED FOR RECORD

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

OCT 18 1999

FARMINGTON FIELD OFFICE
BY _____

OPERATOR

New Mexico Well Workover Application - MCF History

Well Workover Date =9/28/99

NM Tax Well Workover Gas Alloc Vols.rep

Lease Name, Producing	**Curr LWP Code	API Number	Pool Name	Tax ID Code	Tax Suffix	County Name	Sect.	TWN	Range
SAN JUAN 28-7	7115069164 FRR	3003920517	BASIN DAKOTA (GAS)	1160520	F3910	RIO ARRIBA	13	28N	7W

**Curr LWP Code	**Production Date (CCYYMM)	Gas - Prod MCF Monthly (GA)
7115069164 FRR	199809	845
	199810	780
	199811	697
	199812	580
	199901	686
	199902	2,513
	199903	3,751
	199904	3,573
	199905	2,869
	199906	2,300
	199907	1,712
	199908	1,555
	199909	1,266
	199910	6,377
	199911	4,875
	199912	4,291
	200001	3,083
7115069164 FRR		