

NEW MEXICO OIL CONSERVATION COMMISSION

Artesia, New Mexico

July 17, 1974

Belco Petroleum Corporation  
2000 Wilco Building  
Midland, Texas 79701

Re: Wells placed in pools

Gentlemen:

As the result of Commission Order R-4809 the following described well (s) (~~has~~-have) been placed in the pool (s) shown below. This change in nomenclature has been made in our files. Please change your records to reflect the proper pool name. All subsequent reports must show this nomenclature until further notice.

Los Medanos-Strawn Gas  
James Ranch Ut. #3-J, 1-23-30

Los Medanos-Morrow Gas  
~~James Ranch Ut. #3-J, 1-23-30~~  
James Ranch Ut. #4-L, 6-23-30

Transporters are advised, by copy of this letter, to change their records to reflect the pool name as established by this order.

Very truly yours,

OIL CONSERVATION COMMISSION

*W. A. Gressitt*

Dist.

Orig. Operator

cc: Each transporter Natural Gas Pipeline of America  
The Permian Corporation

REQUEST FOR THE EXTENSION OF AN EXISTING POOL RECEIVED

OR

APR 17 1974

THE CREATION OF A NEW POOL

O. C. C.  
ARTESIA, OFFICE

Date April 15, 1974

TO: The Oil Conservation Commission  
State of New Mexico

The Belco Petroleum Corporation James Ranch Unit  
Name of Operator Name of Lease  
3-J Located 1980 feet from the south line and 1657.7 feet  
Well No.  
from the east line of one 23 South 30 East  
Section Township Range

is outside the boundaries of any pool producing from the same formation. On the basis of the information submitted here-  
with on form C-105, we hereby request that the  
pool be extended to include the following described area

or that a new pool be created to include the following described area east one half Section 1, T-23-S,  
R-30-E, Eddy County, New Mexico

Suggested name: Los Medanos Strawn

Name of Producing Formation: Strawn  
(Pennsylvanian Age)

BELCO PETROLEUM CORPORATION

Operator

Representative

Lee G. Nering

REQUEST FOR THE EXTENSION OF AN EXISTING POOL RECEIVED

OR

APR 17 1974

THE CREATION OF A NEW POOL

O. C. C.  
ARTESIA, OFFICE

TO: The Oil Conservation Commission  
State of New Mexico

Date April 15, 1974

The Belco Petroleum Corporation James Ranch Unit  
Name of Operator Name of Lease

3-J Located 1980 feet from the south line and 1637.7 feet  
Well No.

from the east line of One 23 South 30 East  
Section Township Range

is outside the boundaries of any pool producing from the same formation. On the basis of the information submitted here-  
with on form C-105, we hereby request that the

pool be extended to include the following described area

or that a new pool be created to include the following described area East one half Section 1, T-23-S,

R-30-E, Eddy County, New Mexico,

Suggested name: Los Medanos Morrow

BELCO PETROLEUM CORPORATION  
Operator

Name of Producing Formation: Morrow

(Pennsylvanian Age)

Lee G. Nering  
Representative

P.O. Box 19234  
8707 Katy Freeway  
Houston, Texas 77024  
Telephone (713) 461-2662  
Cable: BELPETEX

## Belco Petroleum Corporation

# Belco

April 15, 1974

**RECEIVED**

**APR 17 1974**

**O. C. C.**  
**ARTESIA, OFFICE**

Oil Conservation Commission  
State of New Mexico  
P.O. Drawer DD  
Artesia, New Mexico 88210

Attention: Mr. W.A. Gressett  
Supervisor, District II

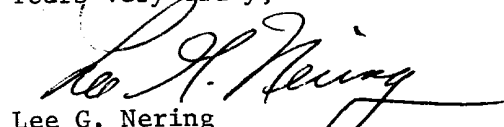
Re: Your Letter 3-8-74  
Re: Our James Ranch Unit 3-J  
1-23-30 Eddy County, New Mexico

Gentlemen:

We enclose requests for the creation of new pools as per Form C-123 for our James Ranch Unit No. 3 well in Eddy County. Please accept our apologies for this request not being made much sooner. We hope that the inconvenience to you will be corrected, and we certainly plan to expedite such matters far more speedily in the future.

Should you have any questions with respect to the completing of these forms, please advise, and we will try to respond as quickly as possible.

Yours very truly,



Lee G. Nering  
Administrative Geologist  
North American Operations

LGN:sns

Enclosures

cc: AJO - Midland  
DBM - Houston  
PBK - Houston  
FKL - Houston

**OIL CONSERVATION COMMISSION**

STATE OF NEW MEXICO  
P. O. DRAWER DD - ARTESIA  
88210

March 8, 1974

**I. R. TRUJILLO**  
CHAIRMAN

LAND COMMISSIONER  
**ALEX J. ARMIJO**  
MEMBER

STATE GEOLOGIST  
**A. L. PORTER, JR.**  
SECRETARY - DIRECTOR

Belco Petroleum Corporation  
2000 Wilco Building  
Midland, Texas 79701

Re: James Ranch Unit  
#3-J, 1-23-30  
Wildcat Morrow Gas  
" Strawn "  
Eddy County, N. M.

Gentlemen:

Please complete and return two (2) copies of the enclosed Form C-123's in order that new pools may be established for the subject well. May I suggest the following names:

Los Medanos Morrow  
" " Strawn

Sincerely yours,

OIL CONSERVATION COMMISSION



W. A. Gressett  
Supervisor, District II

WAG/ep

cc/Belco Petr. Corp.  
Houston, Texas

UNITED STATES M. O. C. C. COPY  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYForm approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 92884-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

James Ranch Unit

8. FARM OR LEASE NAME

James Ranch Unit

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 1, T-23-S, R-30-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Belco Petroleum Corporation ✓

3. ADDRESS OF OPERATOR

2000 Wilco Building, Midland, Texas 79701

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

1980' FSL &amp; 1657.7' FEL of Section 1

14. PERMIT NO.

Dated 11/22/72

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

3288' GR

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.)\*

Set Baker "FSP" plug in tubing at 13,730'. Opened Baker Model "L" sleeve at 13,681'. Atoka Zone would not flow. Atoka Zone was apparently mudded off, there was no fluid in tubing. Temporarily abandoned Atoka Carbonate Zone by setting Baker tubing plug in tubing at 12,886' below Baker packer at 12,847'. Well is now producing as a single completion from the Strawn Zone.

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ARTESIA, NEW MEXICO

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

SIGNED

Glenn Cope

Glenn Cope

TITLE District Engineer

DATE 10/24/73

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

October 25, 1973

JAMES RANCH UNIT NO. 3

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MORROW ZONEO. C. C.  
ARTESIA, OFFICE

12/17/72: Perforated Morrow Zone at: 14,062'-68'  
14,261'-66'  
14,244'-56'

Above perforations produced a stabilized flow rate of 620 MCFPD. The zone was the fracture treated, with 10,000 gallons of Halliburton My-T-Frac and 18,000# of 20-40 sand. After fracture treatment, the producing rate of the zone stabilized at 800 MCFPD. The zones from 14,244-56' and 14,261-66' were reperforated and an additional Morrow Zone was perforated from 13,862-72' and after extensive testing, the flow rate from the total Morrow interval stabilized at 3.5 MMCFPD. The Morrow Zone was then produced until depleted.

ATOKA CARBONATE ZONE

11/24/72: The Atoka Carbonate Zone was then perforated in November, 1972, and acidized with 2,500 gallons of acid after which it produced a CAOF of 39,000 MCFPD. Due to the necessity of asking for a dual completion hearing and the time required, this zone was killed with 13# of mud and placed between packers to be produced when permission to produce the well as a dual completion had been obtained.

STRAWN ZONE

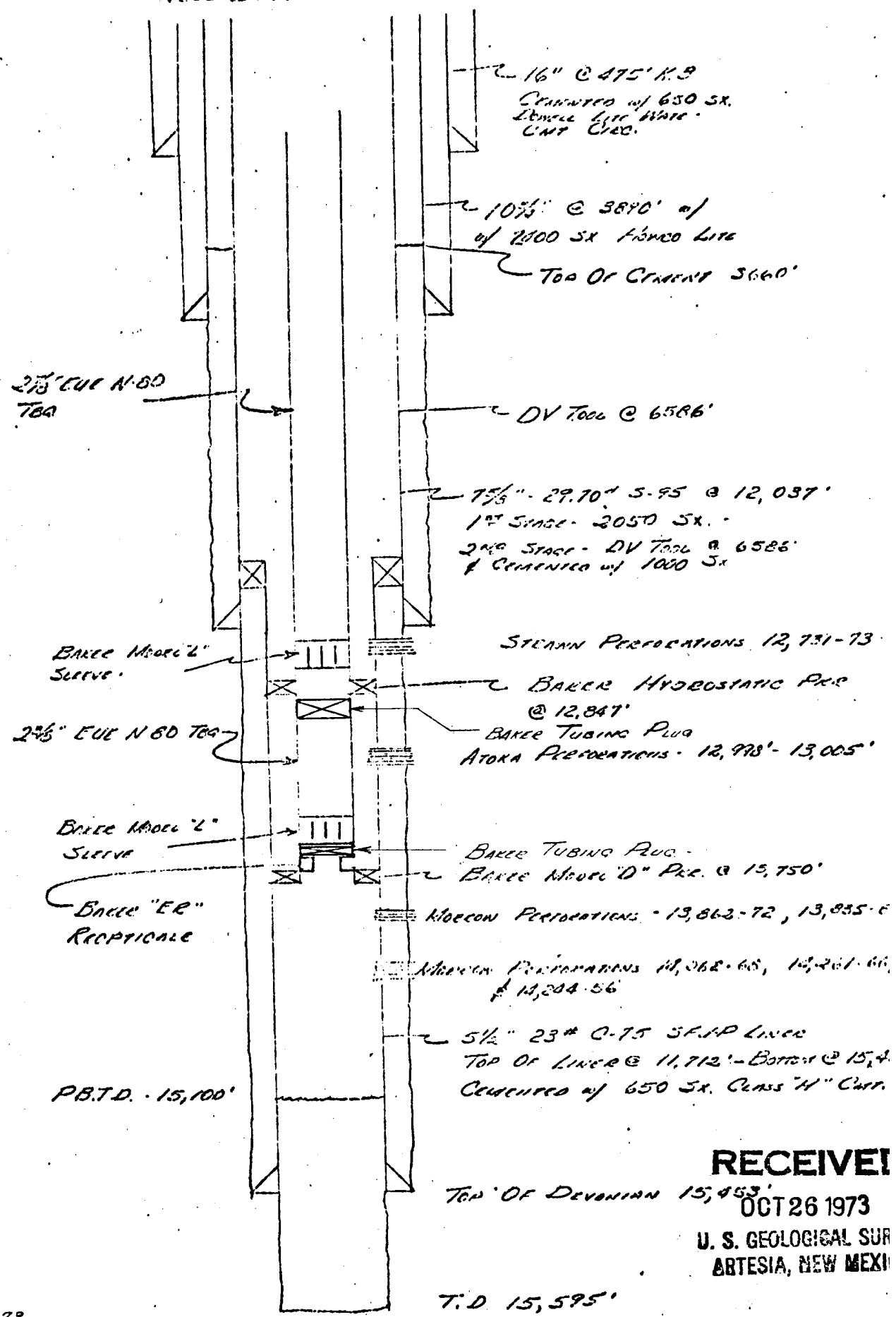
12/1/73: In December of 1972, the Strawn Zone was perforated from 12,731'-12,773'. The zone was acidized with 5,000 gallons of 20% CRA acid, with a retrievable bridge plug set at 12,847' and packer set at 12,590'. The zone then tested for a CAOF of 18,000 on 12/8/72.

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ARTESIA, NEW MEXICO

N. M. O. C. C. CORP. **ELCO PIPE CORP.**  
**ARTESIA RANCH UNIT No. 3**  
**WELL DIAGRAM**



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**OCT 26 1973**

**U. S. GEOLOGICAL SURVEY**  
**ARTESIA, NEW MEXICO**



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OPERATOR	1
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C-110  
Effective 1-1-63

MAY 23 1973

O. C. C.  
ARTESIAL OFFICE

I. Operator  
Belco Petroleum Corporation

Address  
2000 Wilco Building, Midland, Texas 79701

Reason(s) for filing (Check proper box)

New Well	<input type="checkbox"/>	Change in Transporter of:	
Recompletion	<input checked="" type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

Other (Please explain)

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name: James Ranch Unit

Well No.: 3

Pool Name, Including Formation: ~~Wildcat~~ *Strawn Gas*

Kind of Lease: Federal

Lease No.: NM02884-B

Location: Unit Letter J; 1980 Feet From The South Line and 1657.7 Feet From The East

Line of Section 1 Township 23-S Range 30-E, NMPM, Eddy County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
The Permian Corporation	1509 West Wall, Midland, Texas 79701
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Natural Gas Pipeline Company of America	P. O. Box 236, Midland, Texas 79701
If well produces oil or liquids, give location of tanks.	Unit J Sec. 1 Twp. 23-S Rge. 30-E Is gas actually connected? Yes When 8-23-72

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'r.	Diff. Res'r.
		XX		XX		XX		XX
Date Spudded 9-24-71	Date Compl. Ready to Prod. 3-7-72 12-8-72	Total Depth 15,595'	P.B.T.D. 15,200'					
Elevations (DF, RKB, RT, GR, etc.) 3288' GR	Name of Producing Formation Strawn	Top Oil/Gas Pay 12,731'	Tubing Depth 13,600'					
Perforations 12,731' - 12,783'			Depth Casing Shoe 15,434'					

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
20"	16"	475'	650
12-1/4"	10-3/4"	3,890'	2400
9-1/2"	7-5/8"	12,038'	3050
6-1/2"	5-1/2" (Liner)	11,375' - 15,434'	1275
6-1/8"	2-7/8"	13,600'	

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of lead 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 Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.
		Gas - MCF

GAS WELL

Actual Prod. Test-MCF/D 7140	Length of Test 24 hours	Bbls. Condensate/MMCF 72	Gravity of Condensate 54
Testing Method (pilot, back pr.) Down Sales Line	Tubing Pressure (shut-in) 6400	Casing Pressure (shut-in) 6400	Choke Size 48/64"

VI. CERTIFICATE OF COMPLIANCE

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

*Glenn Cope*  
Glenn Cope  
District Engineer (Signature)

May 23, 1973 (Date)

OIL CONSERVATION COMMISSION

MAY 25 1973

APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY *W. A. Greaser*  
TITLE OIL AND GAS INSPECTOR

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.