

OIL CONSERVATION COMMISSION

P. O. DRAWER DD

ARTESIA, NEW MEXICO 88210

RECEIVED

AUG 30 1974

O. C. C.
ARTESIA, OFFICE

NOTICE OF GAS CONNECTION

Date August 27, 1974

This is to notify the Oil Conservation Commission that connection
for the purchase of gas from the Belco Petroleum Corporation
Operator

<u>Hudson</u>	<u>Federal</u>	<u>Federal #1</u>	<u>1-23S-30E</u>
Lease		Well & Unit	S.T.R.
<u>Los Medanos</u>		<u>Natural Gas Pipeline Co. of America</u>	
<u>Atoka</u>		Name of Purchaser	
Pool			

was made on 8-16-74.

Natural Gas Pipeline Co. of America
Purchaser

Sue Lannert
Representative

Senior Clerk
Title

cc: To operator
Oil Conservation Commission - Santa Fe

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Copy to SF
Form approved
Budget Bureau No. 42-R355.5

5. LEASE DESIGNATION AND SERIAL NO.

NM 0543280-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Hudson Federal Com

8. FARM OR LEASE NAME

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Los Medanos (Atoka)

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

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

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. 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)
At surface 1830' FNL & 1980' FWL, Sec. 1, T-23-S, R-30-E

At top prod. interval reported below SAME

At total depth SAME

14. PERMIT NO. _____ DATE ISSUED 2/27/74

15. DATE SPUDDED 2/25/74 16. DATE T.D. REACHED 5/10/74 17. DATE COMPL. (Ready to prod.) 7/26/74 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3298.4' GR 19. ELEV. CASINGHEAD 3296.4'

20. TOTAL LEPTH, MD & TVD 14,325' 21. PLUG BACK T.D., MD & TVD 13,800' 22. IF MULTIPLE COMPL., HOW MANY* --- 23. INTERVALS DRILLED BY ROTARY TOOLS 0-14,325' CABLE TOOLS ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Atoka Carbonate, 12,989-12,995'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Acoustic-GRN, Forxo, Guard, CBL

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	65#	492'	20"	350 Class C w/4% gel; 300 C	None
10-3/4"	45.5# & 40.5	3781'	12-1/4"	1450 "Lite"; 500 "C"	None
7-5/8"	26.4, 29.7 & 33#	11,800'	9-1/2"	300 "Lite"; 300 "H"	None
(Liner) 5-1/2"	16.87#	14,325'	6-1/2"	275 sx Class "H"	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5-1/2	11,503'	14,325'	275	---

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	12,687'	12,687'

31. PERFORATION RECORD (Interval, size and number)

12,989-12,995', 4 SPF w/1-11/16" ceramic jet.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
12,989-12,995'	250 gal. acetic acid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
7/26/74	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8/8/74	12	14/64	→	2	527	3.5	263,500
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1000 psi	0	→	4	1054	7	Unknown	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold

TEST WITNESSED BY
Don Rutherford *signed 8-23-74*

35. LIST OF ATTACHMENTS
Deviation Record, One Set of Logs (Acoustic, Forxo, Guard, CBL)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Allen J. Owings TITLE District Engineer DATE 8/15/74

*(See Instructions and Spaces for Additional Data on Reverse Side)

August 14, 1974

HUDSON FEDERAL #1

Deviation Surveys

<u>Degree</u>	<u>Depth</u>
3/4 ⁰	368'
1/2 ⁰	600'
3/4 ⁰	1050'
3/4 ⁰	1456'
3/4 ⁰	1860'
1/4 ⁰	2115'
1/4 ⁰	2275'
1-1/2 ⁰	2847'
3/4 ⁰	3340'
3/4 ⁰	4282'
3/4 ⁰	4615'
1-1/4 ⁰	5109'
1/2 ⁰	5600'
1 ⁰	6047'
1/4 ⁰	6540'
1-1/2 ⁰	6850'
1-3/4 ⁰	7420'
1-3/4 ⁰	7770'
1 ⁰	8330'
3/4 ⁰	8800'
3/4 ⁰	9300'
1 ⁰	9710'
1 ⁰	10,210'
1-1/2 ⁰	10,710'
2 ⁰	11,193'
1 ⁰	11,790'
2-3/4 ⁰	12,250'
2-3/4 ⁰	12,762'
2-1/2 ⁰	13,230'
2 ⁰	13,655'
1-3/4 ⁰	13,866'

Allen J. Owings
 Allen J. Owings
 District Engineer

STATE OF..... TEXAS }
 COUNTY OF..... Midland } ss.

The foregoing instrument was acknowledged before me this..... 14th day of..... August 19. 74, by
 Allen J. Owings.

My commission expires:..... 6-1-75

Mary R. Ward
 Notary Public in and for
 Midland County, Texas

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-192
Supersedes C-128
Effective 12-65

All distances must be from the outer boundaries of the Section

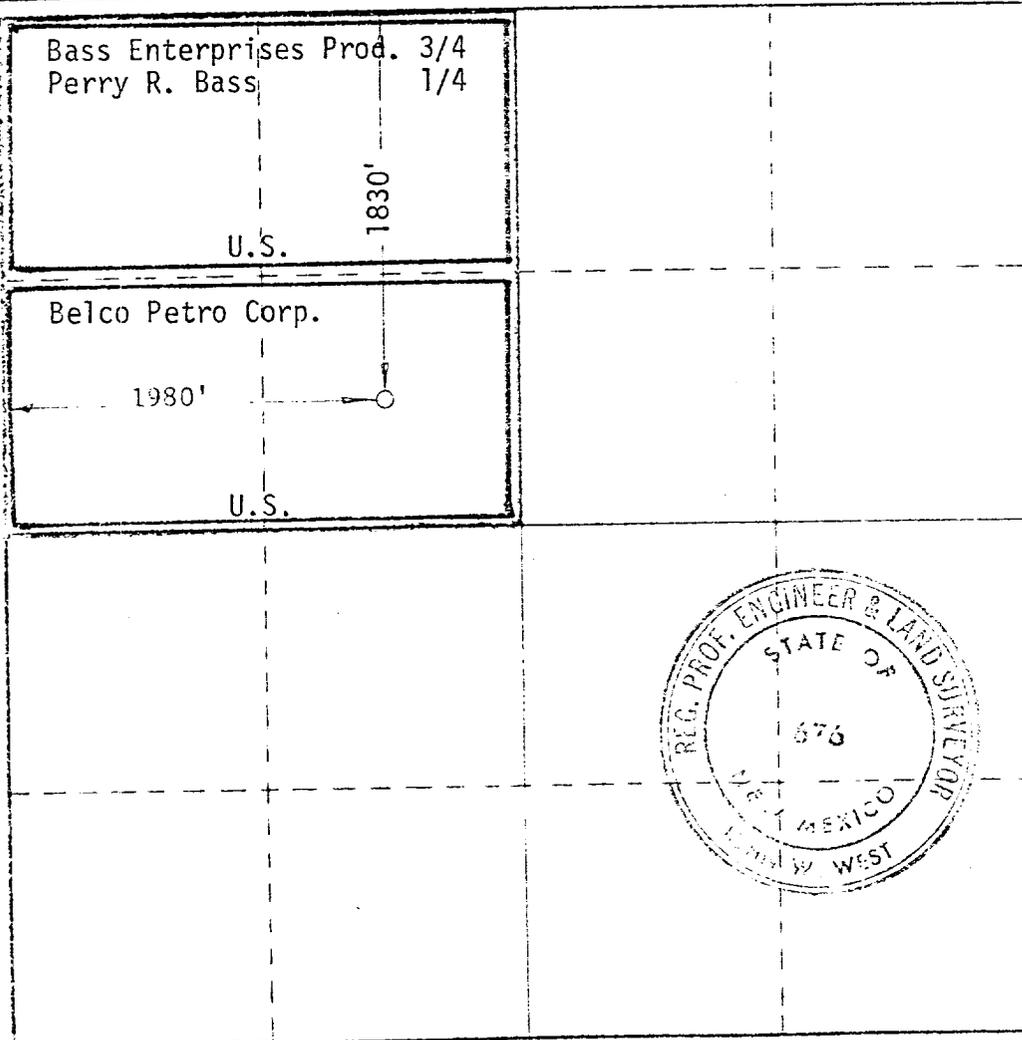
Operator BELCO PETROLEUM CORPORATION		Lease HUDSON FEDERAL <i>Comm</i>		Well No. 1
Unit Number F	Section 1	Township 23 SOUTH	Range 30 EAST	County EDDY
Actual Well Location of Well: 1830 feet from the NORTH line and 1980 feet from the WEST line				
Ground Level Elev. 3298.4' GR	Producing Formation Atoka	Pool Los Medenos Atoka	Estimated Acreage: 160 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 Unitization

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.



CERTIFICATION

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

Allen J. Owings

Allen J. Owings

District Engineer

Belco Petroleum Corporation

August 14, 1974

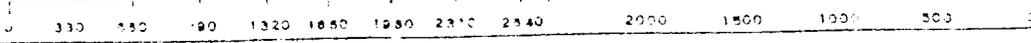
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
AUGUST 9, 1973

Registered Professional Engineer
in the State of New Mexico

Edwin West

Certificate No. **676**



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0543280-A

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 plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

Hudson Federal

2. NAME OF OPERATOR
Belco Petroleum Corporation

AUG 19 1974

8. FARM OR LEASE NAME

Hudson Federal

3. ADDRESS OF OPERATOR
2000 Wilco Building, Midland, Texas 79701

O. C. C.
ARTESIA. OFFICE

9. WELL NO.

1

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

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Atoka Gas

1830' FNL & 1980' FWL, Sec. 1, T-23-S, R-30-E

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

14. PERMIT NO.

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

3298.4' GR

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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) Plug Morrow; Test Atoka

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

XX

(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.)*

7/24/74: Set plug in packer at 13,800', tested to 5000 psi. Spotted 250 gallons acetic acid, set retrievable packer at 12,687' and perforated Atoka Carbonate from 12,989-12,995'. Displaced acid into formation. ISIP - 3500 psi, 5 min. SIP - 0 psi. Swabbed well in and tested on 7/26/74.

7/26/74: Testing well.

RECEIVED

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED Allen J. Owings
TITLE District Engineer

DATE August 8, 1974

APPROVED BY
(This space for Federal or State office use)

AUG 6 1974

CONDITIONS OF APPROVAL, IF ANY:

M. L. BEEKMAN
ACTING DISTRICT ENGINEER

Subject to filing results
of test on 4pt test

Copy to 13

N. M. O. G. C. COPY

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN REVERSE SIDE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0543280-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Hudson Federal

8. FARM OR LEASE NAME

Hudson Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated Atoka Gas

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

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.)

1. OIL WELL GAS WELL OTHER

RECEIVED

2. NAME OF OPERATOR
Belco Petroleum Corporation

JUL 25 1974

3. ADDRESS OF OPERATOR
2000 Wilco Building, Midland, Texas 79701

O. G. C.
ARTESIA, OFFICE

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1830' FNL and 1980' FWL, Section 1, T-23-S, R-30-E

14. PERMIT NO.

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

3298.4' GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/> TEMP	ABANDON* MORROW	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	PERF TREAT & TEST ATOKA <input checked="" type="checkbox"/>		

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

(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.)*

Plan to temporarily abandon Morrow Zone, perforated from 13,844-14,248', (initial production 1.5 MMCFPD) as this zone is no longer commercially productive. Perforate Atoka Zone from 12,989-12,995' with four holes per foot, acidize and test. A blanking plug will be set in permanent packer at 13,800' to shut off Morrow Zone before Atoka is perforated. Verbal approval to do this work was obtained per telephone conversation between Mr. James A. Knauf, Artesia, New Mexico and the undersigned on 7/22/74. Work will start 7/24/74.

RECEIVED

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

SIGNED Joe T. Holten, Jr.

TITLE Operations Engineer

DATE 7/23/74

(This space for Federal or State office use)

TITLE _____ DATE _____

APPROVED
JUL 23 1974
DISTRICT ENGINEER

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0543280-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Hudson Federal

8. FARM OR LEASE NAME

Hudson Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

Morrow Gas

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

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.)

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

1830' FNL & 1980' FWL of Sec. 1, T-23-S, R-30-E

14. PERMIT NO.

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

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.)*

7/4/74: Fracture treated well with 46,000 gallons E-Z Flow fluid, 30,000# of proppant (80% 20/40 mesh frac sand and 20% 20/40 mesh glass beads), and 600 SCF/bbl. N₂ in three stages. Maximum treating pressure: 9500 psi. ISIP: 6800 psi. 15 min. SIP: 5600 psi. Average Injection Rate: 8-1/2 BPM.

RECEIVED

JUL 18 1974

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

Allen J. Owings

TITLE

District Engineer

DATE

7/17/74

(This space for Federal or State office use)

TITLE

DATE

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

JUL 19 1974

H. L. BEEK

ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRI
(Other Instructic
verse side) DATE*
OR re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0543280-A

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 plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

Hudson Federal

8. FARM OR LEASE NAME

Hudson Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated
Morrow Gas

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 regulations.
See also space 17 below.)
At surface

1830' FNL & 1980' FWL of Sec. 1, T-23-S, R-30-E

14. PERMIT NO.

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

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 perti-
nent to this work.)*

6/23-27/74: Swabbing well.

6/28/74: Treated well with 500 gallons P-121 paraffin solvent at 1 BPM. ISIP: Vacuum.

6/29-30/74: Swabbing well.

7/1/74: Perforated Morrow Zone from 14,171-77', 13,870-75' and 13,844-56' with two
shots per foot.

7/2-3/74: Swabbing well.

RECEIVED

JUL 18 1974

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

Allen J. Owings
Allen J. Owings

TITLE

District Engineer

DATE

7/17/74

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

APPROVED
JUL 19 1974
R. L. Beekman
R. L. BEEKMAN
ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

NM 0543280-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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Hudson Federal

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Hudson Federal

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Undesignated
Morrow Gas

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

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.)

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

1830' FNL & 1980' FWL of Sec. 1, T-23-S, R-30-E

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

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.)*

5/27/74: Perforated Morrow Zone from 14,229-37' and 14,243-48' with two shots per foot.

5/30/74: Flowing at 1.4 MMCFD gas rate, tubing pressure 200 psi.

5/31/74: Acidized with 3000 gallons 7-1/2% MS Acid and 1000 SCF/bbl. N2 at 5.3 BPM. ISIP - 4100 psi; 15 min. SIP - 2350 psi.

6/1-14/74: Swabbing well to unload.

6/15/74: Re-perforated Morrow Zone from 14,229-37' and 14,243-48' with one shot per foot.

6/16-21/74: Swabbing well.

6/22/74: Acidized with 4000 gallons 7-1/2% DAD at 5-1/2 BPM. ISIP - 4150 psi; 15 min. SIP - 1600 psi.

RECEIVED

JUL 18 1974

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

Allen J. Owings
Allen J. Owings

TITLE

District Engineer

DATE

7/17/74

(This space for Federal or State office use)

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
JUL 19 1974
R. C. BEEKMAN
ACTING DISTRICT ENGINEER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TR. DATE*
(Other instructio. on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

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Hudson Federal

8. FARM OR LEASE NAME

Hudson Federal

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1

10. FIELD AND POOL, OR WILDCAT

Undesignated
Morrow Gas

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

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 purposes.)

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

1830' FNL & 1980' FWL of Sec. 1, T-23-S, R-30-E

14. PERMIT NO.

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

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) Run Liner & Cement

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.)*

5/11/74: TD 14,325'. Ran 68 joints of 5-1/2", 16.87#, N-80, FL-4S liner to 14,325'. Top of liner at 11,503'. Cemented with 275 sx. Class "H" with .8% Halad 22 and 5# KCl per sx.

5/12/74: Drilled cement from 11,000' to 11,503'.

5/13/74: Tested top of liner with 1750 psi. Drilled cement inside liner from 13,978' to 14,278'.

5/14/74: Ran cement bond log - good bonding across all pay zones.

RECEIVED

JUL 18 1974

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

Allen J. Owings

TITLE

District Engineer

DATE

7/17/74

(This space for Federal or State office use)

TITLE

DATE

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

JUL 19 1974

H. L. BEEKMAN

ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side