

Hondo Oil & Gas Company

Box 2208
Lawell, New Mexico 88202
505/625-6700



RECEIVED
AUG 3 1989
OIL CONSERVATION DIV.
SANTA FE

July 24, 1989

Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

RE: Application for permit to convert to Water Injection
H.E. West "B" Well No. 16
660' FSL & 660' FWL, Section 3, T17S, R31E
Eddy County, New Mexico

Gentlemen:

Please find enclosed Hondo Oil & Gas Company's application for permit to convert the above captioned well into a water injection well.

Copies have been submitted to the surface owner, the offset operators and the NMOCD district office in Artesia.

If you should have any questions, please contact Ron Brown at 505/625-6735.

Sincerely,

Layne Collis

Layne Collis
Engineering Technician

LC/jw

Encl.

Hondo Oil & Gas Company

Box 2208
Roswell, New Mexico 88202
(505)625-8700



July 24, 1989

Bureau of Land Management
P.O. Box 1778
Carlsbad, NM 88220

RE: Application for permit to convert to Water Injection
H.E. West "B" Well No. 16
660' FSL & 660' FWL, Section 3, T17S, R31E
Eddy County, New Mexico

Gentlemen:

According to the Oil Conservation Division Rule 701, a copy of any injection well permit application must be sent to the offset operators and surface owner. Enclosed is a copy of our application for administrative approval to convert the above captioned well to a water injection well.

If you should have any questions, please contact Ron Brown at 505/625-6735.

Sincerely,

Layne Collis
Engineering Technician

LC/jw

Encl.

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no
- II. Operator: Hondo Oil & Gas Company
Address: P. O. Box 2208, Roswell, New Mexico 88202
Contact party: Ron Brown Phone: (505) 625-6735
- III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? ☒ yes ☐ no
If yes, give the Division order number authorizing the project R-2268.
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- * VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- * X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- * XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification
- I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- Name: Ron Brown Title Petroleum Engineer
Signature: *Ron Brown* Date: 7-20-89
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

HONDO OIL & GAS COMPANY
APPLICATION FOR AUTHORITY TO INJECT
SUPPLEMENTAL INFORMATION
H.E. WEST "B" WELL NO. 16
EDDY COUNTY, NEW MEXICO

ITEM:

III. Well Data

- A. (1) Well Name: H.E. West "B" #16
660' FSL & 660' FWL
Section 3, T17S, R31E
Eddy County, New Mexico
- (2) Casing Data:
- Surface Casing:
10 3/4", 28.52#, set @ 765', cemented with 100 sx.
- Production Casing:
5 1/2", 15.5 & 17#, set @ 3673', cemented with 100 sx.
- (3) Injection Tubing:
2" fiberglass set @ 3200'
- (4) Packer:
Packer set @ + 3200'.
- B. (1) Injection Formation:
Grayburg San Andres.
- (2) Injection Interval:
Injection will be through existing and added perforations
3333-3742'.

HONDO OIL & GAS COMPANY
APPLICATION FOR AUTHORITY TO INJECT
H.E. WEST "B" WELL NO. 16
Page 2

(3) Original Purpose of Well:

This well was drilled, completed and tested through Grayburg San Andres perforations 3333-3578'.

(4) Added Perforated Intervals: (Also see Exhibit "B".)

This well was perforated 3333-3523', 3546-3742' and 3792-3961' for conversion to an injector.

(5) Higher/Lower Oil Zones:

The top of the Seven Rivers is @ \pm 2300' and there is no lower oil zone.

V. Map:

See Exhibit "A".

HONDO OIL & GAS COMPANY
APPLICATION FOR AUTHORITY TO INJECT
H.E. WEST "B" WELL NO. 16
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VI. Wells in Area of Review:

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "A" #9

Location: 1980' FSL & 660' FEL, Section 4, T17S, R31E

Spud Date: 10-19-55

Completion Date: 12-2-55

Surface Casing: 8 5/8", 24#, set @ 716', cemented with 100 sx.

Production Casing: 7", 20#, set @ 3198', cemented with 200 sx.

Total Depth:

Completion: Completed as a producer in the Grayburg San Andres through OH 3198-3375'. On September 20, 1962, converted to WIW. In August, 1963, the hole was deepened to 3868' with OH 3198-3868'. February 25, 1965, well was plugged back to 3700' with sand bridge plug. Well P&A'd 4-26-82.

Hondo Oil & Gas Company is planning to re-enter, deepen to a depth of 3964', set 5" csg from 3000-3964', and perforate to convert to a WIW.

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "A" #6

Location: 2005' FNL & 660' FEL, Section 4, T17S, R31E

Spud Date: 1-2-55

Completion Date: 2-6-55

Surface Casing: 8 5/8", 24#, set @ 740', cemented with 100 sx.

Production Casing: 7", 17# & 20#, set @ 3220', cemented with 200 sx.

Total Depth: 3369'

Completion: Completed as a producer through OH in the Grayburg San Andres. On July 29, 1963, the hole was deepened to 3870' with OH from 3220-3870'.

HONDO OIL & GAS COMPANY
APPLICATION FOR AUTHORITY TO INJECT
H.E. WEST "B" WELL NO. 16
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VI. Wells in Area of Review:

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "A" #5

Location: 1980' FSL & 1980' FEL, Section 4, T17S, R31E

Spud Date: 10-20-54

Completion Date: 12-14-54

Surface Casing: 8 5/8", 24#, set @ 695', cemented with 100 sx.

Production Casing: 7", 20#, set @ 3169', cemented with 200 sx.

Total Depth: 3650'

Completion: Completed as a producer in the Grayburg San Andres through OH.

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "B" #33

Location: 1980' FSL & 660' FWL, Section 3, T17S, R31E

Spud Date: 8-2-88

Completion Date: 8-20-88

Surface Casing: 8 5/8", 24#, set @ 625', cemented with 300 sx.

Production Casing: 5 1/2", 15.5#, set @ 4057', cemented with
1300 sx.

Total Depth: 4057'

Completion: Completed as a producer in the Grayburg San Andres through perforations 3367-3994'.

HONDO OIL & GAS COMPANY
APPLICATION FOR AUTHORITY TO INJECT
H.E. WEST "B" WELL NO. 16
Page 5

VI. Wells in Area of Review:

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "A" #8

Location: 1980' FNL & 660' FWL, Section 3, T17S, R31E

Spud Date: 8-5-55

Completion Date: 9-18-55

Surface Casing: 8 5/8", 24#, set @ 769', cemented with 100 sx.

Production Casing: 5 1/2", 14#, set @ 3246', cemented with 200 sx.

Liner: We plan on running a 4" liner from 3095-3948'.

Total Depth: 3901' (present) 3948' (proposed)

Completion: Well was completed as a producer in the Grayburg San Andres through OH 3386-3398'. On 8-27-62, well was converted to a WIW. 8-11-63, the well was deepened to 3901', started re-injecting with an OH of 3246-3901'. On 2-25-65, well plugged back to 3750' with a sand bridge plug. Well was P&A'd 4-23-82.

Hondo Oil & Gas Company plans to re-enter, deepen to a depth of 3948', run a liner and perf this well to convert to a WIW.

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "B" #13

Location: 1980' FNL & 660' FWL, (E) Section 10, T17S, R31E

Completion Date: 10/57

Surface Casing: 10 3/4" set @ 739', cemented with 100 sx.

Production Casing: 7" set @ 3525', cemented with 100 sx.

Liner: 5" set from 3094-3897', cemented with 150 sx.

Total Depth: 3900'

Completion: Completed in the Grayburg San Andres as a producer from perforations 3318-3326' and 3356-3374'. Deepened and converted to injection through perforations 3737-3864' (CIBP set @ 3720'), 3568-3696 and 3312-3519'.

HONDO OIL & GAS COMPANY
APPLICATION FOR AUTHORITY TO INJECT
H.E. WEST "B" WELL NO. 16
Page 6

VI. Wells in Area of Review:

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "B" #19

Location: 660' FNL & 1980' FWL, (C) Section 10, T17S, R31E

Completion Date: 1/59

Surface Casing: 10 3/4" set @ 785', cemented with 100 sx.

Production Casing: 5 1/2" set @ 3501', cemented with 100 sx.

Liner: 4" set from 3300-3998', cemented with 50 sx.

Total Depth: 3998'

Completion: Completed in the Grayburg San Andres as a producer from perforations 3422-3430'. Converted to injection with the addition of perforations from 3438-3441' and 3378-3389' and the OH interval 3501-3585'. Converted to single WIW by setting a BP @ 3466'. Deepened, ran liner and will inject through new perforations.

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "A" #14

Location: 720' FSL & 1980' FEL, (O) Section 4, T17S, R31E

Completion Date: 12/88

Surface Casing: 8 5/8" set @ 542', cemented with 350 sx.

Production Casing: 5 1/2" set @ 3935', cemented with 1900 sx.

Total Depth: 3935'

Completion: Completed in the Grayburg San Andres as a producer from perforations 3214-3467', 3492-3678' and 3709-3863'. Set CIBP @ 3828'. Converted to injection through existing perforations.

HONDO OIL & GAS COMPANY
APPLICATION FOR AUTHORITY TO INJECT
H.E. WEST "B" WELL NO. 16
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VI. Wells in Area of Review:

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "B" #40

Location: 560' FNL & 660' FWL, (D) Section 10, T17S, R31E

Completion Date: 2/89

Surface Casing: 8 5/8" set @ 603', cemented with 350 sx.

Production Casing: 5 1/2" set @ 4021', cemented with 1250 sx.

Total Depth: 4021'

Completion: Completed in the Grayburg San Andres as a producer
from perforations 3345-3425', 3475-3547', 3585-3746
and 3792-3941'.

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "B" #36

Location: 1980' FNL & 660' FEL, (H) Section 9, T17S, R31E

Completion Date: 11/88

Surface Casing: 8 5/8" set @ 541', cemented with 400 sx.

Production Casing: 5 1/2" set @ 3883', cemented with 1300 sx.

Total Depth: 3883'

Completion: Completed in the Grayburg San Andres as a producer
from perforations 3199-3234', 3267-3462' and 3494-
3821'.

HONDO OIL & GAS COMPANY
APPLICATION FOR AUTHORITY TO INJECT
H.E. WEST "B" WELL NO. 16
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VI. Wells in Area of Review:

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "B" #38

Location: 2085' FNL & 1980' FWL, (F) Section 10, T17S, R31E

Completion Date: 12/88

Surface Casing: 8 5/8" set @ 596', cemented with 400 sx.

Production Casing: 5 1/2" set @ 3960', cemented with 1300 sx.

Total Depth: 3960'

Completion: Completed in the Grayburg San Andres as a producer from perforations 3364-3562', 3587-3727' and 3757-3910'.

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "B" #18

Location: 660' FSL & 1980' FEL, (N) Section 3, T17S, R31E

Completion Date: 12/58

Surface Casing: 10 3/4" set @ 797', cemented with 100 sx.

Production Casing: 5 1/2" set @ 3725', cemented with 100 sx.

Total Depth: 3996'

Completion: Completed in the Grayburg San Andres as a producer from perforations 3393-3401', 3430-3435', 3443-3448' and 3456-3464'. Added perforations from 3523-3527', 3540-3548' and 3555-3560'. Deepened and converted to injection through existing perforations and new perforations from 3386-3705' and OH 3725-3994'.

HONDO OIL & GAS COMPANY
APPLICATION FOR AUTHORITY TO INJECT
H.E. WEST "B" WELL NO. 16
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VI. Wells in Area of Review:

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "B" #23

Location: 1980' FSL & 1980' FWL, Section 3, T17S, R31E

Spud Date: 7-26-59

Completion Date: 9-10-59

Surface Casing: 8 5/8", 24#, set @ 797', cemented with 100 sx.

Production Casing: 5", 11.5#, set @ 3456', cemented with 100 sx.

Total Depth: 3456' (original) 3557' (present)

Completion: Completed as a Grayburg San Andres producer through perforations 3413-21' & 3429-35'. In 3-64, deepened well to 3557' and perfed 3374-84' with OH interval 3456-3557'. Well converted to a dual injection 3-27-64. Well had a leak in the 5" csg, csg found to be in very poor condition and stuck @ 1260'. Well P&A'd 4-27-82.

We plan to drill another well named H.E. West #23 50' west of this well.

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "B" #37

Location: 1980' FSL & 1980' FEL, Section 3, T17S, R31E

Spud Date: 11-12-88

Completion Date: 12-23-88

Surface Casing: 8 5/8", 24#, set @ 627', cemented with 400 sx.

Production Casing: 5 1/2", 17#, set @ 4082', cemented with 1350 sx.

Total Depth: 4082'

Completion: Completed as a producer in the Grayburg San Andres t through perforations 3911-4009', 3653-3881' and 3410-3614'.

HONDO OIL & GAS COMPANY
APPLICATION FOR AUTHORITY TO INJECT
H.E. WEST "B" WELL NO. 16
Page 10

VI. Wells in Area of Review:

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "B" #28

Location: 660' FNL & 660' FEL, (A) Section 9, T17S, R31E

Completion Date: 12/63

Surface Casing: 8 5/8" set @ 550', cemented with 240 sx.

Production Casing: 5 1/2" set @ 3850', cemented with 300 sx.

Total Depth: 3850'

Completion: Completed in the Grayburg San Andres as an injector through perforations 3289-3849'. Added new perforations from 3270-3823'.

Operator: Viking Energy Corporation

Well Name: ARCO Federal #1

Location: 660' FNL & 1980' FEL, (B) Section 10, T17S, R31E

Completion Date: 11/78

Surface Casing: 8 5/8" set @ 850', cemented with 400 sx.

Production Casing: 4 1/2" set @ 5515', cemented with 850 sx.

Total Depth: 5515'

Completion: Tested first in the Paddock through perforations 5314-5426' and then plugged back to 4300'. Next, tested the Lovington Sand through perforations 3710-3718' and then plugged back to 3680'. Completed as a producer from the Grayburg San Andres perms 3402-3443' and 3538-3576'. P&A'd well 1/79.

HONDO OIL & GAS COMPANY
APPLICATION FOR AUTHORITY TO INJECT
H.E. WEST "B" WELL NO. 16
Page 11

VI. Wells in Area of Review:

Operator: Hondo Oil & Gas Company

Well Name: H.E. West "A" #16

Location: 1980' FNL & 1980' FWL, Section 3, T17S, R31E

Spud Date: 12-4-88

Completion Date: 1-2-89

Surface Casing: 8 5/8", 24#, set @ 644', cemented with 400 sx.

Production Casing: 5 1/2", 17#, set @ 4076', cemented with 1250 sx.

Total Depth: 4076'

Completion: Completed as a producer in the Grayburg San Andres
through perforations 3415-3953'.

Operator:

Well Name:

Location:

Completion Date:

Surface Casing:

Production Casing:

Total Depth:

Completion:

HONDO OIL & GAS COMPANY
APPLICATION FOR AUTHORITY TO INJECT
H.E. WEST "B" WELL NO. 16
Page 12

VII. Proposed Operations Data:

- (1) Average daily injection rate - 150 BWPD
Maximum daily injection rate - 200 BWPD
- (2) Type of system - closed
- (3) Average injection pressure - 1900 psi
Maximum injection pressure - 2200 psi
- (4) Source of injection water - water produced from the Keel West plus make-up water from the Keel West fresh water system.

VIII. Geological Data:

The proposed injection zone is in the Grayburg San Andres from 3333-3961'. The Grayburg formation consists primarily of quartz sand with cementation. The San Andres formation consists primarily of dolomite with intermingled stringers of quartz sand with dolomite cementation.

Surface formation is cretaceous and has no known source of drinking water. Also, there are no known underground sources of drinking water overlying or underlying the proposed injection zone.

IX. Stimulation Program:

Perfs 3792-3961' acidized with 6000 gals 15% NeFe acid and 96 ball-sealers. Reacidized with 12,000 gal 20% CRA acid.

Perfs 3546-3742' acidized with 4000 gal 15% NeFe acid with 72 ball-sealers. Frac'd with 125,000 gal cross-linked GW carrying 42,000# 20-40 sand.

Perfs 3333-3523' acidized with 4000 gal 15% NeFe acid with 68 ball-sealers. Frac'd with 26,000 gal 30# cross-linked GW carrying 40,000# 20-40 sand.

X. Well Logs:

Copies of the current well logs are attached.

HONDO OIL & GAS COMPANY
APPLICATION FOR AUTHORITY TO INJECT
H.E. WEST "B" WELL NO. 16
Page 13

XI. Chemical Analysis of Fresh Water:

There are no known producing fresh water wells within one mile of the proposed injection well.

XII. Upon examination of the available geologic and engineering data, no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water was found.

SURFACE OWNER:

Federal land.

OFFSET OPERATOR:

None

Affidavit of Publication

Copy of Publication

No. 12858

STATE OF NEW MEXICO,
County of Eddy:

Gary D. Scott being duly
sworn, says: That he is the Publisher of The
Artesia Daily Press, a daily newspaper of general circulation,
published in English at Artesia, said county and state, and that
the hereto attached Legal Notice

was published in a regular and entire issue of the said Artesia
Daily Press, a daily newspaper duly qualified for that purpose
within the meaning of Chapter 167 of the 1937 Session Laws of
the State of New Mexico for 1 consecutive weeks on
the same day as follows:

First Publication July 26, 1989

Second Publication

Third Publication

Fourth Publication

and that payment therefore in the amount of \$
has been made.

Subscribed and sworn to before me this 26th day
of July, 1989

Barbara Ann Boone
Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1991

LEGAL NOTICE

Hondo Oil & Gas Company
has applied for authority to
convert the H. E. West
Well No. 16, located 660'
FSL & 660' FWL, Section 1,
T-17S, R-31E, Eddy County,
New Mexico, into a water in-
jection well. Water produced
from the Keel West
formation will be injected into the
West Wash water system
San Andres formation from
3333-3971'. The maximum
daily injection rate will be 200
BWP/D with a maximum pres-
sure of 2200 psi.
Interested parties must file ob-
jections or requests for hear-
ing with the Oil Conservation
Division, P.O. Box 2044,
Santa Fe, New Mexico 87501,
within 15 days of this notice.
Ron Brown
Petroleum Engineer
Hondo Oil & Gas Company
P.O. Box 2208
Bernalillo, New Mexico 88302
(505) 825-8760
Published in the Artesia Daily
Press, Artesia, N.M. July 26,
1989.

Legal 12858

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery
↑(Extra charge)↑ ↑(Extra charge)↑

3. Article Addressed to:

Oil Conservation Division
Box 2088
Santa Fe, NM 87501

4. Article Number

P663 397 677

Type of Service:

- ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature — Addressee

X

6. Signature — Agent

X

7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Mar. 1987

★ U.S.G.P.O. 1987-178-268

DOMESTIC RETURN RECEIPT

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery
↑(Extra charge)↑ ↑(Extra charge)↑

3. Article Addressed to:

Bureau of Land Management
Box 1778
Carlsbad, NM 88220

4. Article Number

P663 397 678

Type of Service:

- ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature — Addressee

X

6. Signature — Agent

X

7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Mar. 1987

★ U.S.G.P.O. 1987-178-268

DOMESTIC RETURN RECEIPT

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1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery

3. Article Addressed to:

Oil Conservation Division
P.O. Drawer DD
Artesia, NM 88210

4. Article Number

P 482 998 822

Type of Service:

- ☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature — Addressee

X

6. Signature — Agent

X

7. Date of Delivery

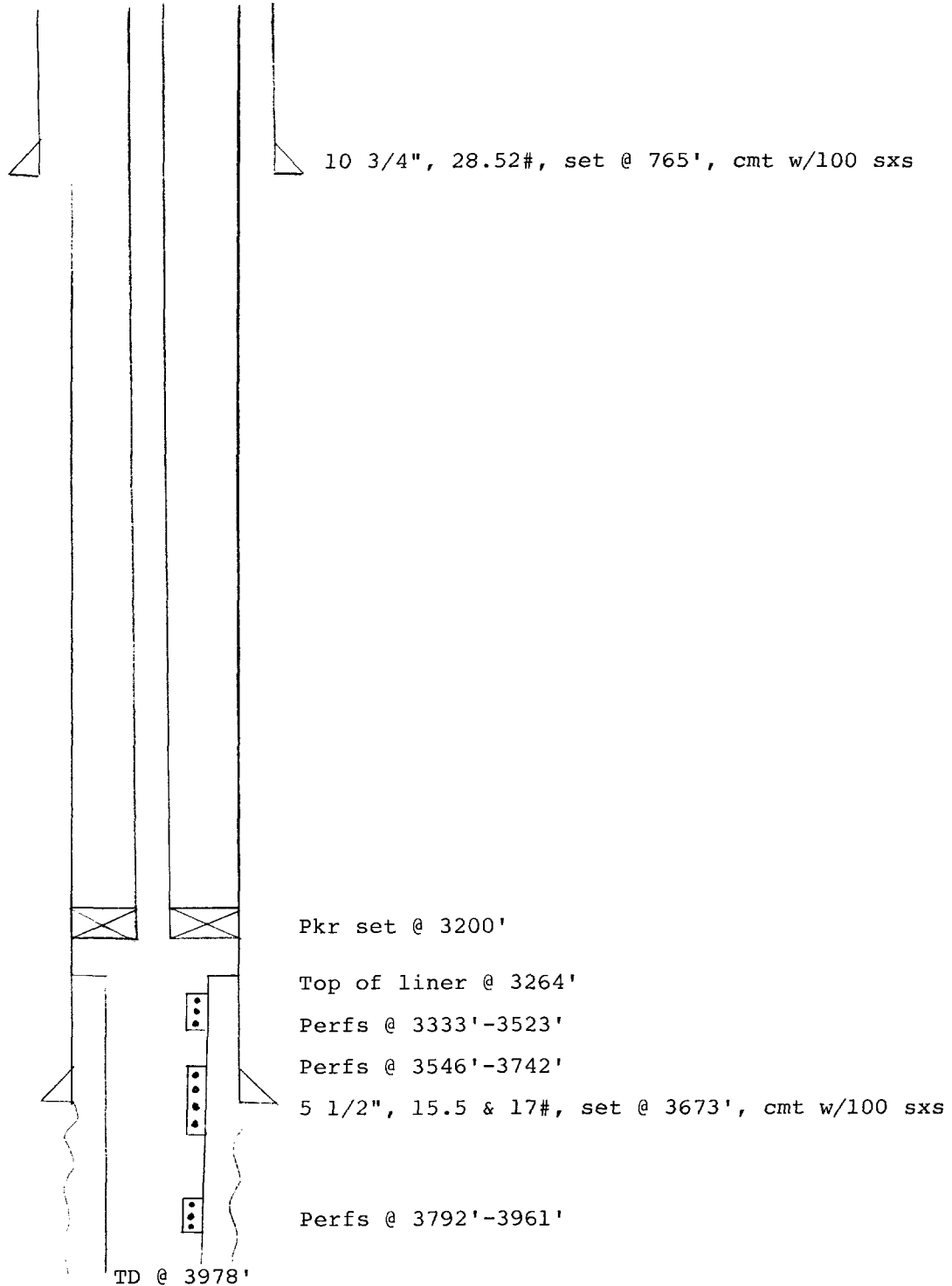
8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Feb. 1986

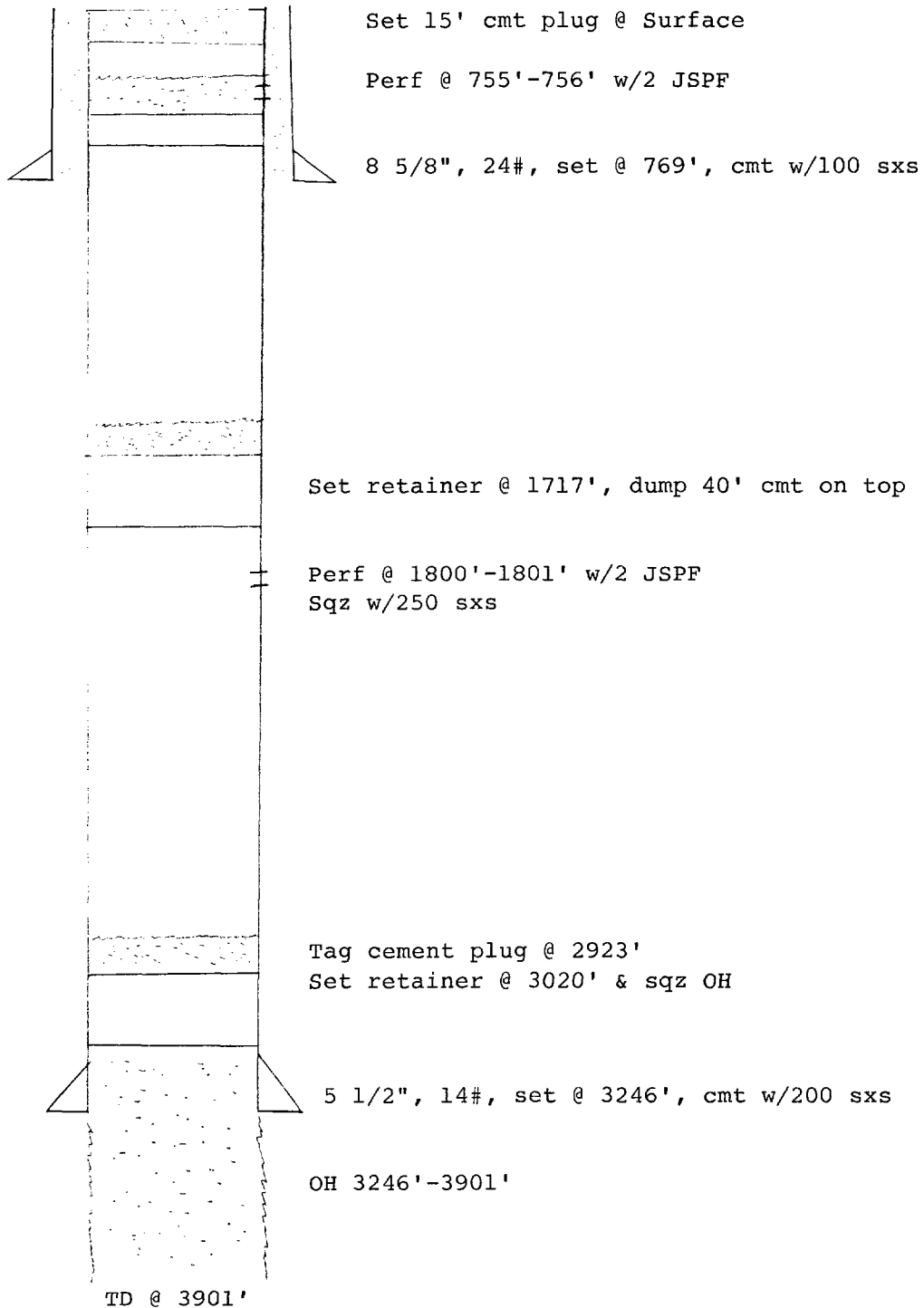
DOMESTIC RETURN RECEIPT

[illegible]

HONDO OIL & GAS COMPANY
H. E. WEST "B" #16
660' FSL & 660' FWL
Section 3, T-17S, R-31E
Eddy County, New Mexico



HONDO OIL & GAS COMPANY
H. E. West "A" #8
1980' FNL & 660' FWL
Section 3, T-17S, R-31E
Eddy County, New Mexico

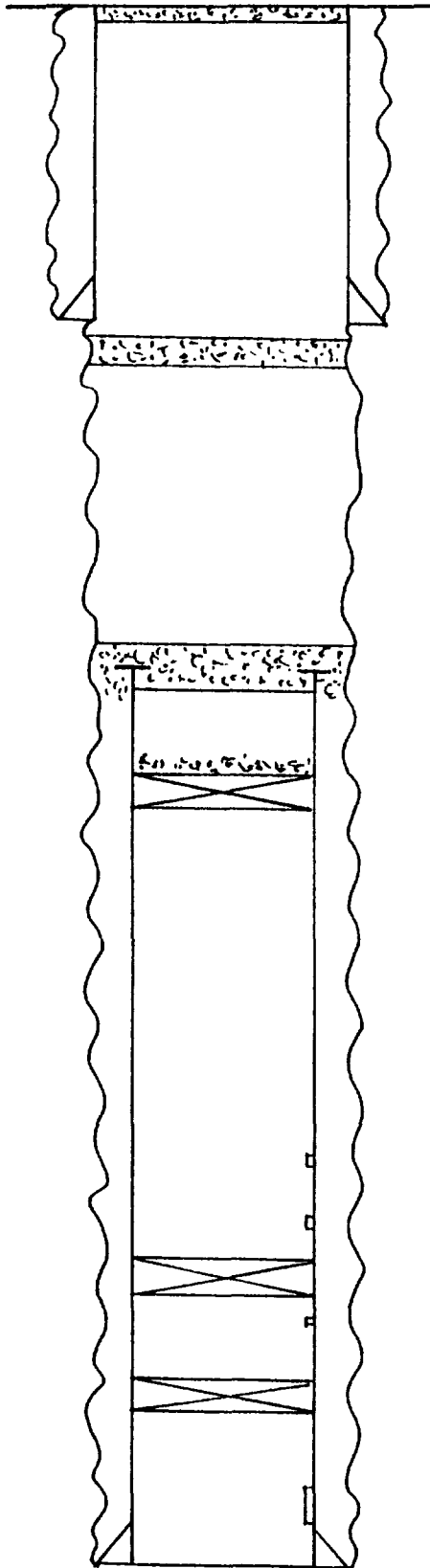


A hand-drawn diagram of a tall, narrow structure, possibly a chimney or tower. The structure is composed of several horizontal sections. The top section is filled with a stippled pattern. Below this is a section with a wavy horizontal line. The next section is empty. This is followed by a section with a stippled pattern. Below that is another empty section. The next section contains a large 'X' formed by two diagonal lines. This is followed by a large empty section. To the right of this large section are three small, vertically stacked rectangular boxes. Below these boxes is another section containing a large 'X' formed by two diagonal lines. The bottom section is empty. The structure is flanked by two vertical lines, with small triangular shapes at the top and bottom corners, suggesting a cross-section or a view from the side.

5", 11.5#, set @3456', cmt w/100 sxs

TD @ 3557'

660' FNL & 1980' FEL
Section 10, T-17S, R-31E
Eddy County, New Mexico



8 5/8" csg. set @ 810', cmt. w/400 sx.

- (1) set CIBP @ 2280' w/35' cmt. on top
- (2) 25 sx. cmt. plug at 4 1/2" csg. stub (est. to be 1800')
- (3) 35 sx. cmt. plug @ 860'
- (4) 20' cmt. plug @ surf.

cut 4 1/2" csg. @ approx. 1800' and pulled

4 1/2" csg. set @ 5515', cmt. w/850 sx.

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7"

TD @ 3868'

7", 20#, set @ 3198', cmt w/200 sxs

TD @ 3868'

LEGAL NOTICE

Hondo Oil & Gas Company has applied for authority to convert the H. E. West "B" Well No. 16, located 660' FSL & 660' FWL, Section 3, T-17S, R-31E, Eddy County, New Mexico, into a water injection well. Water produced from the Keel West plus make-up water from the Keel West fresh water system will be injected into the Grayburg San Andres formation from 3333-3971'. The maximum daily injection rate will be 200 BWPD with a maximum pressure of 2200 psi.

Interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within 15 days of this notice.

Ron Brown
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Hondo Oil & Gas Company
P. O. Box 2208
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(505)625-8760