

SWD
4/10/00
768

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage
Application qualifies for administrative approval? Yes No
- II. OPERATOR: Clayton Williams Energy, Inc.
ADDRESS: Six Desta Drive, Suite 3000, Midland, Texas 79705
CONTACT PARTY: Matt Swierc PHONE: (915) 688-3251
- 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. **Attachment 1**
- IV. Is this an expansion of an existing project? Yes X No
If yes, give the Division order number authorizing the project: _____
- 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. **Attachment 2**
- 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. **Attachment 3**
- VII. Attach data on the proposed operation, including: **Attachment 4**
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 geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources known to be immediately underlying the injection interval. **Attachment 5**
- IX. Describe the proposed stimulation program, if any. **Attachment 6**
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). **Attachment 7**
- *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. **Attachment 8**
- 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 sources of drinking water. **Attachment 9**
- 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: Matt Swierc TITLE: Production Superintendent

SIGNATURE: Matt Swierc DATE: 03/07/00

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

INJECTION WELL DATA SHEET

OPERATOR: Clayton Williams Energy, Inc.WELL NAME & NUMBER: Jenna Com #1 (API # 30-015-29260)WELL LOCATION: 2110' FSL & 990' FEL I 5 17S 29E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGEWELLBORE SCHEMATICWELL CONSTRUCTION DATA
Surface CasingHole Size: 17-1/2" Casing Size: 13-3/8" @ 361'Cemented with: 510 sx. or ft³Top of Cement: surface Method Determined: circulationIntermediate CasingHole Size: 12-1/4" Casing Size: 9-5/8" @ 2660'Cemented with: 1225 sx. or ft³Top of Cement: surface Method Determined: circulationProduction CasingHole Size: 8-3/4" Casing Size: 7" @ 11,820'Cemented with: 1900 sx. or ft³Top of Cement: surface Method Determined: circulationTotal Depth: 11820'Injection Interval8,850' feet to 9,300' perforated

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2-7/8" Lining Material: Plastic coatingType of Packer: Baker Model "D"Packer Setting Depth: 8775'Other Type of Tubing/Casing Seal (if applicable): N/AAdditional Data1. Is this a new well drilled for injection? Yes X NoIf no, for what purpose was the well originally drilled? Morrow Gas2. Name of the Injection Formation: Canyon Limestone3. Name of Field or Pool (if applicable): N/A4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. YES**Form C-103 attached**

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

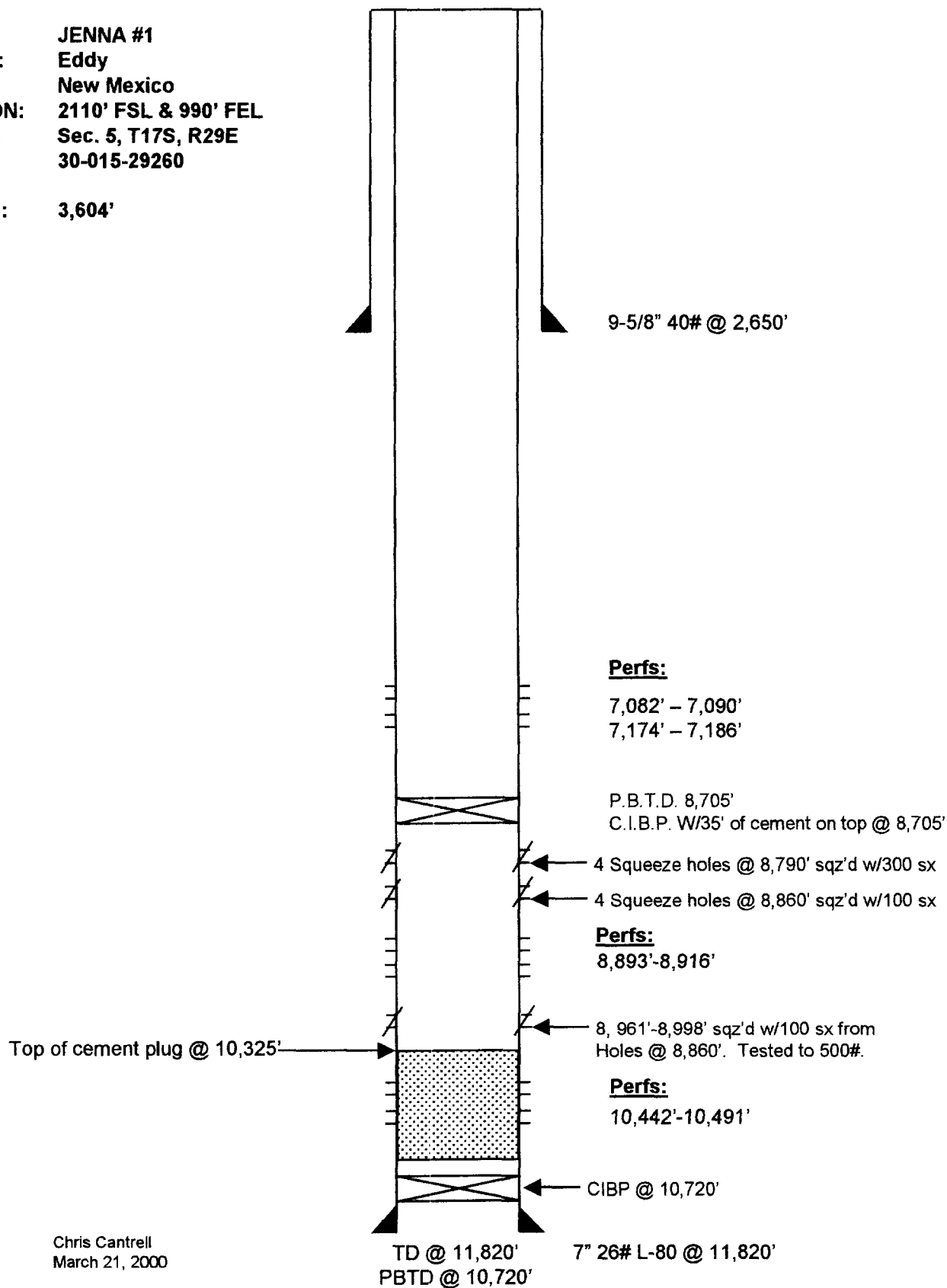
Atoka below 10,000'; Abo ±6000'

CLAYTON WILLIAMS ENERGY, INC. CURRENT WELLBORE SCHEMATIC

KB = 26.5'

LEASE: JENNA #1
COUNTY: Eddy
STATE: New Mexico
LOCATION: 2110' FSL & 990' FEL
SURVEY: Sec. 5, T17S, R29E
API #: 30-015-29260

Elevation: 3,604'



Prepared by: Chris Cantrell
Date: March 21, 2000

Permit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C 103
Revised 1-1-89

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

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

WELL API NO.	30 025 29260
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Jenna
8. Well No.	1
9. Pool name or Wildcat	Wildcat

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" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator Conoco Inc.	
3. Address of Operator 10 Desta Dr. Ste 100W, Midland, Tx., 79705-4500	
4. Well Location Unit Letter <u>I</u> <u>2110</u> Feet From The <u>South</u> Line and <u>990</u> Feet From The <u>East</u> Line Section <u>5</u> Township <u>17S</u> Range <u>29E</u> NMPM <u>Eddy</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3604' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER: <input type="checkbox"/>
OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

12-19-97: Rigged up wireline, RIH w/7" CIBP, set @ 8880', POOH, RIH & perf 4 JSPF @ 8790' & 8860', POOH rig down wireline, RIH w/7" pkr set @ 8870', tested CIBP to 1000#, held, unset pkr & set @ 8823', pump 150 bbls 1% KCL wtr into perfs. Unset pkr, SION.
12-22-97: RIH w/7" cement retainer, set @ 8820', rig up BJ, mixed & pumped 100 sx CI H cement w/1.1% FL-62, 4/10% CD-32, 2/10% SMS, pumped 75 sx below retainer & dumped 25 sx on top retainer, pulled up to 8650' & reverse circulated, rig down BJ, POOH w/tbg, SION.
12-29-97: After WOC, RIH w/bit, drill collars & tbg, tag cement retainer @ 8820' (no cement) load hole w/40 bbls. SION.
12-30-97: POOH, RIH w/cement retainer stinger & try to sting back into retainer, SION.
12-31-97: Rig up reverse unit, load tbg, pressure up to 5003, POOH w/tbg, RIH w/pkr, set pkr @ 8565', set up to squeeze.
1-2-98: Rig up BJ, load backside, mixed & pumped 300 sx CI H cement w/1.1% FL-62, 4/10% CD-32 & 2/10% SMS, hesistate squeeze. SION.
1-5-98: Tag cement @ 8711' (top squeeze perf @ 8790'), POOH w/pkr, start drlg cement, drilled out to 8770', SION.
1-6-98: Drilled out cement to top of retainer @ 8820', tested casing to 500# for 30 min (held), drilled on retainer. SION.
1-7-98: Drilled up retainer, tested csg to 500# for 30 min. (CIBP @ 8880'), started drlg on CIBP, drilled out to 8910', SION.
1-8-98: Drilg on cement, fell out @ 9031', circulated hole, rig up BJ, spot acid from 8918-8894', pull up to 5990', rig down BJ, SION.
1-9-98: RIH & perf w/4 JSPF 8894-8902' & 8908-8918', set pkr @ 8880', rig up to swab. SION.
1-12/13-98: Swabbing
1-14-98: RIH w/CIBP set @ 8740', POOH, RIH w/bailer & dumped 35' cmt on CIBP, PBTD 8705'.
1-15-98: Ran up wireline. ran correlation log. RIH & perf w/4 JSPF @ 7072-7080' & 7174-7186' rig down wireline. SION (See attached)

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

SIGNATURE Ann E. Ritchie TITLE Regulatory Agent DATE 3-11-98
TYPE OR PRINT NAME Ann E. Ritchie TELEPHONE NO. 915 684-6381

(this space for State Use)

APPROVED BY ORIGINAL SIGNED BY TIM W. GUM TITLE DISTRICT II SUPERVISOR DATE MAR 18 1998
CONDITIONS OF APPROVAL, IF ANY:

3-11-98:

Attachment

OCD Form C-103

Jenna, Well #1, aPI #30 025 29260

Continued:

1-16-98: RIH w/pkr set @ 6963', rig up swab, seating nipple @ 6956'.

1-19-98: RIH w/swab, RIH to seating nipple, POOH, rigged up reverse unit, loaded tbg
w/1% KCL water, pressured up to 1000#, held, unset pkr & POOH, SION.

1-24/30/98: Swabbed.

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DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

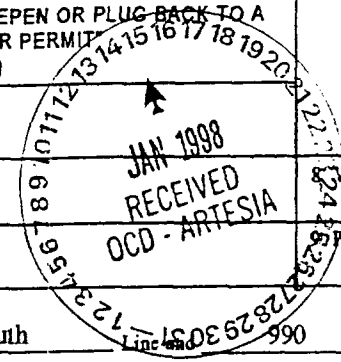
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

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

WELL API NO.	30 015 29260
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Jenna
8. Well No.	1
9. Pool name or Wildcat	Wildcat

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" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well:	Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator	Conoco Inc.
3. Address of Operator	10 Desta Dr. Ste 100W, Midland, Tx., 79705-4500
4. Well Location	Unit Letter <u>I</u> <u>2110</u> Feet From The <u>South</u> Line and <u>990</u> Feet From The <u>East</u> Line Section <u>5</u> Township <u>17S</u> Range <u>29E</u> NMPM <u>Eddy</u> County
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3604' GR



11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: Recompletion <input checked="" type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

11-12-97: Rigged up wireline & RIH w/CIBP, set @ 10,360', POOH, RIH w/bailer & dumped 35' cement on top of CIBP.
 11-14-97: Rigged up wireline, RIH, perforated w/4 jsfp @ 8961-8998', RIH w/ tubing, arrow set pkr, F nipple on 2 7/8", set pkr @ 8833'.
 11-15-97 through 11-18-97: Swabbed.
 11-19-97: Acidized w/2000 gals 15% NEFE HCL & ball sealers, re-set pkr, tested to 500E OK, rigged down BJ - SION.
 11-20/21-97: Swabbed.
 11-24-97: Tagged cement on top of CIBP @ 10,328', started drilling on cement, tagged CIBP @ 10,360, drilled out CIBP, pushed to 10,496'.
 11-25-97: Set pkr @ 10,350', rigged up reverse unit & pumped into perms w/2% KCL, unset pkr & start to POOH.
 11-26-97: RIH w/cement retainer-set retainer @10,360', 200 sx CI H cement w/1.1% FL-62, 3/10% CD-32 & 2/0% SMS, stung into retainer & squeezed cement into perms. Dumped 1 1/2 bbls of cement on top of retainer.
 12-1-97: Tagged cement @ 10,260', drilled out cmt to top of ret. @ 10,360', started drlg on retainer. SION. Will continue to drill on ret.
 12-4-97: Pumped 50 sx CI H cmt w/1% FL-62, 3/10% CD-32 & 2/10% SMS, spotted cmt from 10,572-10,303', POOH w/tbg, SD.
 12-5-97: Set RBP @ 8,950', got off RBP & pulled to 8918'. 12-8-97: Rigged up wireline, RIH w/Perf w/4 jsfp @ 8893-8916'.
 12-9-97: RIH w/retrieving tool, latched RBP, unset & POOH, SD. 12-10-97: Re-perf w/4 jsfp @ 8961-8998'. RIH w/tools to 8800'. SD.
 12-11-97: Acidized w/4700 gals 15% NEFE HCL & ball sealers. 12-12-97 through 12-18-97: Swabbing

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

SIGNATURE Ann E. Ritchie TITLE Regulatory Agent DATE 1-12-98

TYPE OR PRINT NAME Ann E. Ritchie TELEPHONE NO. 915 684-6381

(this space for State Use)

ORIGINAL SIGNED BY TIM W. GUM DATE JAN 13 1998

APPROVED BY DISTRICT II SUPERVISOR TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

C/S
up

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

OIL CONSERVATION DIVISION

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

WELL API NO.

30 015 29260

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Jenna

8. Well No.

1

9. Pool name or Wildcat

Wildcat Cave; Devonian

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"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐

Gas Well ☒

OTHER

MAR 20 1997

2. Name of Operator

Conoco Inc.

3. Address of Operator

10 Desta Dr. Ste 100W, Midland, Tx., 79705-4500

4. Well Location

Unit Letter I 2110 Feet From The South Line and 990 Feet From The East Line

Section 5 Township 17-S Range 29-E NMPM Eddy County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3604'

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

OTHER ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1-24-97: Ran 11,820' of 7" casing, cemented with 1st stage - 800 sx CI H + 1.1% FL-62 + 3/10% CD-32 + 1% BA-58 + 2/10% SM + 1/10% R-3. 2nd stage - 1100 sx CI H + 1.1% FL-62 + 1% BA-58 + 3/10% CD-32 + 2/10% SM + 1/10% R-3. Rig released 1-24-97.

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

SIGNATURE

TITLE

Regulatory Agent

DATE

3-18-97

TYPE OR PRINT NAME Ann E. Ritchie

TELEPHONE NO. 915 684-6381

(this space for State Use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

APPROVED BY

TITLE

DATE

MAR 24 1997

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

OIL CONSERVATION DIVISION
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503

FEB - 5 1997

WELL API NO.	30-015-29260
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	

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" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Lease Name or Unit Agreement Name Jenna
2. Name of Operator Conoco, Inc.	8. Well No. 1
3. Address of Operator 10 Desta Drive, Suite 100W, Midland, Texas 79705	9. Pool name or Wildcat Wildcat Cave; Devonian
4. Well Location Unit Letter <u>I</u> : <u>2110</u> Feet From The <u>South</u> Line and <u>990</u> Feet From The <u>East</u> Line Section <u>5</u> Township <u>17-S</u> Range <u>29-E</u> NMPM <u>Eddy</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3604'	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>
	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

12-8-96: Move in, rig up & spud 17 1/2" hole.

12-9-96: Ran 361' of 13 3/8", 48#, H-40 casing, cemented with lead slurry of 150 sx CI H + 10% A-II + 10#/sk Gilsonite + 1/4#/sk cello-flake + 1% CaCl2, tailed with 360 sx CI C + 2% CaCl2 + 8#/sk Gilsonite + 1/4#/sk cello-flake, did not circulate, topped off with 30 yds ready mix. WOC, tested 250-1000#.

12-16-96: Ran 2660' of 9 5/8", 40#, L-80 casing, cemented with lead slurry of 1000 sx 35:65: POZ + 6% gel + 8#/sk Gilsonite + 1/4#/sk cello-flake, tailed with 225 sx CI C + 2% CaCl2 + 8#/sk Gilsonite + 1/4#/sk cello-flake, WOC tested 250/3000#. Continue drilling.

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

SIGNATURE Ann E. Ritchie TITLE Regulatory Agent DATE 2-3-97

TYPE OR PRINT NAME Ann E. Ritchie TELEPHONE NO. (915) 684-6381

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY TIM W. GUM TITLE DISTRICT II SUPERVISOR DATE FEB 10 1997

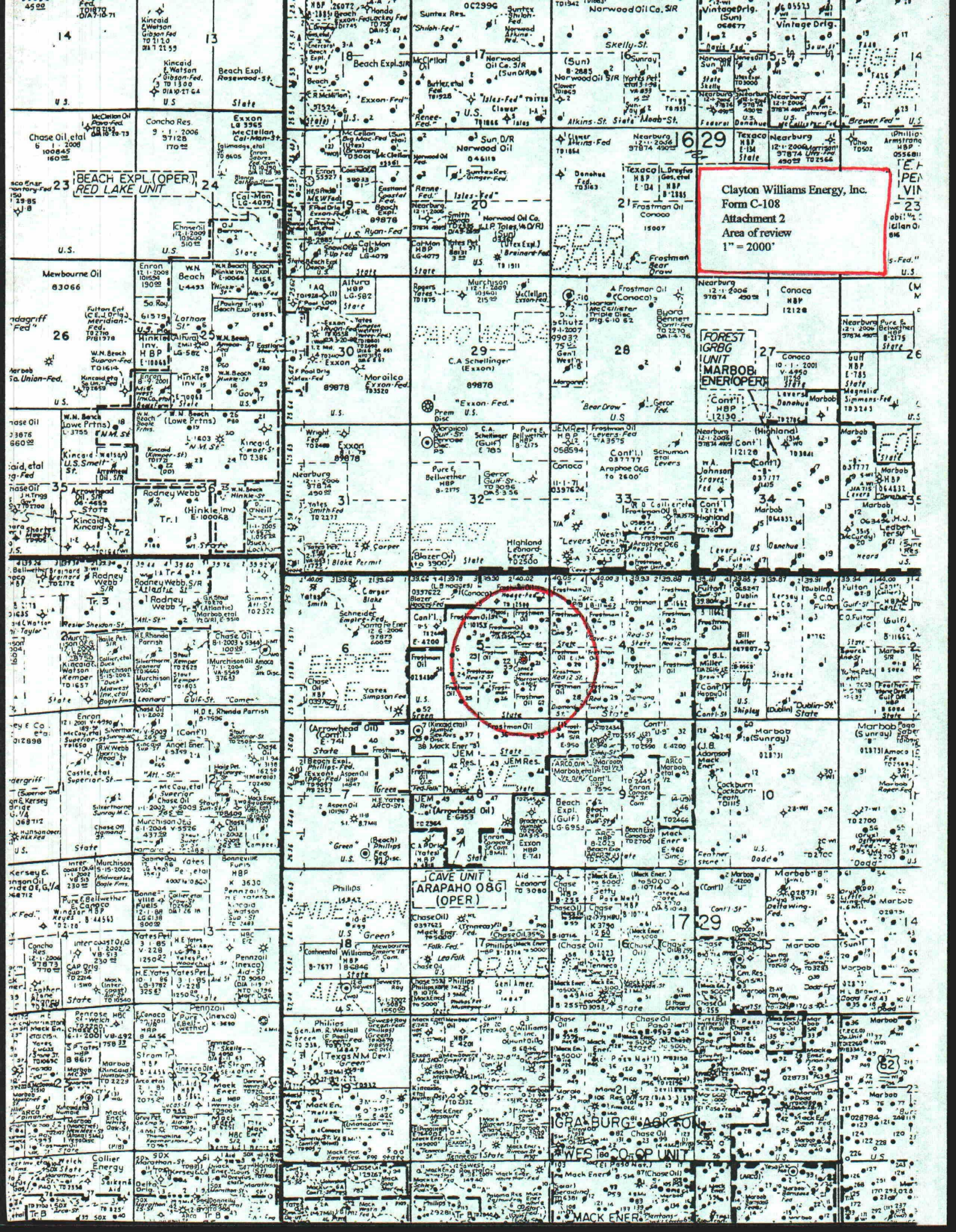
CONDITIONS OF APPROVAL, IF ANY:

Attachment 1

**Clayton Williams Energy, Inc.
Application for Authorization to Inject
Form C-108**

III. Well Data

- A. (1) Jenna Com #1
Section 5 T17S R29E Unit I, Eddy County
2110' FSL and 990' FEL
- (2) 13 3/8"@ 361', 510 sacks Cement, 17 1/2" hole, cement to surface, circulated to surface
9 5/8"@ 2,660', 1225 sacks Cement, 12 1/4" hole, cement to surface, circulated to surface
7"@ 11,820', 1,900 sacks Cement, 8 3/4" hole, cement to surface, circulated to surface (DV tool at 9,477')
- (3) 2 7/8" Plastic Coated Tubing set at +/-8,875'
- (4) Baker Model "D" plastic coated set at +/-8,875'
- B. (1) Canyon Limestone Formation
- (2) Proposed Perforated Interval 8850'-9300' (Gross Interval)
- (3) Originally drilled as a Morrow gas producer.
- (4) Perforations above at 7,082'-7,186'
- CIBP set at 8,705' w/35 sacks cement on top.
- Perforations below at 8,893'-8,916'.
- Perforations from 8,961'-8,998' squeezed w/100 sx cement.
- Perforations from 10,442'-10,491' squeezed w/200 sx & 50 sx cement spotted from 10,572'-10,325'.
- Squeeze holes at 8,790' squeezed with 300 sx cement.
- Squeeze holes at 8,860' squeezed with 100 sx cement.
- (5) Atoka below at +/-10,100'-10,767' and Abo above at +/-6,000'-6,300'.



Attachment 3
Clayton Williams Energy, Inc.
Application for Authorization to Inject
Form C-108

- VI. Tabulation of wells that penetrate the proposed injection zone within the area of review:

No wells penetrate the proposed injection zone within the area of review.

Attachment 4

Clayton Williams Energy, Inc.
Application for Authorization to Inject
Form C-108

VII. Data on the proposed operation

1. Proposed average and maximum daily rate and volume of fluids to be injected: **Average Daily Rate: 4,000 Barrels per Day**
Maximum Daily Rate: 8,000 Barrels per Day
2. Whether the system is open or closed: **System will be closed**
3. Proposed average and maximum injection pressure:
Maximum injection pressure will be 1770 PSIG
Average injection pressure will be 1000 PSIG
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water:
Water will be reinjected produced water
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:
Not Available

Attachment 5

Clayton Williams Energy, Inc.
Application for Authorization to Inject
Form C-108

VIII. Geological Data

The proposed disposal interval is within the Canyon Limestone Formation at a depth of 8,850'-9,300'. The Canyon Limestone Formation is a porous carbonate free of any silica (sand) admixture and has a thickness of +/-600'. There are known aquifers overlying the proposed disposal area.

Attachment 6
Clayton Williams Energy, Inc.
Application for Authorization to Inject
Form C-108

IX. Describe the proposed stimulation program, if any:

If necessary, 3000 gallons of 15% hydrochloric acid

Attachment 7
Clayton Williams Energy, Inc.
Application for Authorization to Inject
Form C-108

- X. Attach appropriate logging and test data on the well.

Logs are on file. No test data on the proposed disposal zone has been obtained.

Attachment 8
Clayton Williams Energy, Inc.
Application for Authorization to Inject
Form C-108

XI. Fresh water analysis...

There are no fresh water wells within one mile.

Attachment 9
Clayton Williams Energy, Inc.
Application for Authorization to Inject
Form C-108

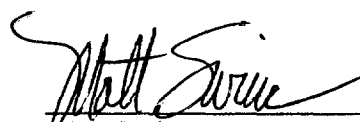
XII. Affirmative Statement

Re: Jenna Com #1 Well
Section 5 T17S R29E
Eddy County, New Mexico

Let it be known that Clayton Williams Energy, Inc. has examined all available engineering and geologic data and find no evidence of open faults of any other hydrologic connection between the disposal zone and any underground sources of drinking water.

Clayton Williams Energy, Inc.

Date: March 9, 2000



Matt Swierc
Production Supt.

Legal Notice

Application for Authorization to Inject

Notice is hereby given that Clayton Williams Energy, Inc., 6 Desta Drive, Suite 3000, Midland, Texas 79705, has made an Application for Authorization to Inject with the Oil Conservation Division of the State of New Mexico Energy and Minerals Department. The intention of the applicant is to convert the Jenna Com #1 well and dispose of produced water into the Canyon Limestone formation, 8,850'-9,300'. The well is located 2110' FSL and 990' FEL of Section 5, Township 17 South, Range 29 East, in Eddy County, New Mexico. The expected maximum injection rate will be 8000 barrels per day and the expected maximum injection pressure is 1770 PSIG. Any interested party must file objections or requests for hearing with the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, within 15 days of the last date of publication. Interested parties can contact the applicant's agent, Paul Owen, at Campbell, Carr, Berge and Sheridan, P.A., Jefferson Place, Suite 1, 110 North Guadalupe, P.O. Box 2208, Santa Fe, New Mexico 87504-2208 or 505-988-4421.

Clayton Williams Energy, Inc.

Offset Operators Within ½ Mile Radius

Marks and Garner Production, LTD. Co.
PO BOX 70
Lovington, New Mexico 88260
(505) 396-5326

Surface Tenant

Bogle Farms, Inc.
PO BOX 358
Dexter, New Mexico 88230

Surface Owner

State of New Mexico
Land Office
Oil and Gas Division
PO BOX 1148
Santa Fe, New Mexico 87504