

30-015-28817

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance _____ ☒ Disposal _____ Storage
Application qualifies for administrative approval? _____ ☒ Yes _____ No
- II. OPERATOR: _____ Devon Energy Production Company, LP _____
ADDRESS: _____ 20 North Broadway, Suite 1500, Oklahoma City, Oklahoma 73102 _____
CONTACT PARTY: _____ Ronnie Slack _____ PHONE: _____ 405-552-4615
- 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: _____
- 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 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.
- 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 sources 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: _____ Ronnie Slack _____ TITLE: _____ Engineering Technician

SIGNATURE: Ronnie Slack DATE: 12/15/05

E-MAIL ADDRESS: _____ Ronnie.Slack@DVN.com _____

- * 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: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

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, 1220 South St. Francis Dr., 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: _____ Devon Energy Production Company, LP _____

WELL NAME & NUMBER: _____ Todd 25P Federal #16 _____

WELL LOCATION: _____ 660' FSL & 660' FEL _____ P _____ Sec 25 _____ T23S _____ R31E _____
FOOTAGE LOCATION _____ UNIT LETTER _____ SECTION _____ TOWNSHIP _____ RANGE _____

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA
Surface Casing

Hole Size: _____ 17-1/2" _____ Casing Size: _____ 13-3/8" _____
Cemented with: _____ 810 _____ sx. _____ *or* _____ ft³ _____
Top of Cement: _____ Surface _____ Method Determined: Circ. cement _____

Intermediate Casing

Hole Size: _____ 11" _____ Casing Size: _____ 8-5/8" _____
Cemented with: _____ 1325 _____ sx. _____ *or* _____ ft³ _____
Top of Cement: _____ Surface _____ Method Determined: Circ. cement _____

Production Casing

Hole Size: _____ 7-7/8" _____ Casing Size: _____ 5-1/2" _____
Cemented with: _____ 970 _____ sx. _____ *or* _____ ft³ _____
Top of Cement: _____ 3680' _____ Method Determined: CBL Log _____
Total Depth: _____ 8,708' _____

Injection Interval (Perforated)

_____ 5,776' _____ feet to _____ 5,920' _____

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8", 6.5# Lining Material: IPC

Type of Packer: 5-1/2" IPC

Packer Setting Depth: +/- 5,730'

Other Type of Tubing/Casing Seal (if applicable):

Additional Data

1. Is this a new well drilled for injection? Yes X No
- If no, for what purpose was the well originally drilled? Producing Oil Well

2. Name of the Injection Formation: Delaware

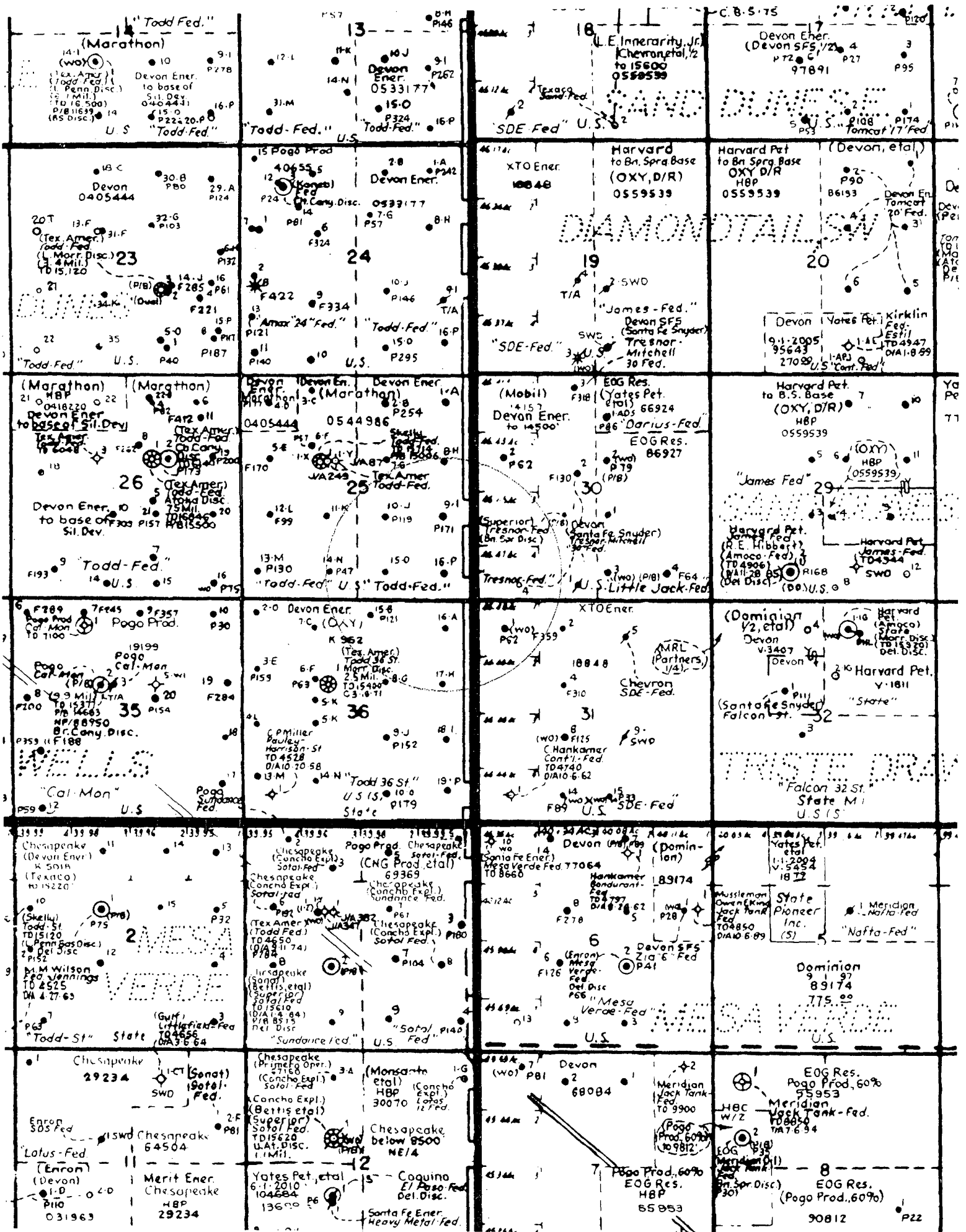
3. Name of Field or Pool (if applicable): Ingle Wells (Delaware)

4. 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.

Perforated in Delaware from 7202' to 8230'. Delaware isolated w/250 sx cement. TOC tagged at 7041'. Cement retainer set at 5970'. Pumped 200 sx cement below into casing part at 6185'. Final pump pressure 1400 psi. Ran MIT on 12/13/05. No leak off. Well TA'd on 12/13/05.

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

The Bone Spring at 8434' underlies the proposed Delaware injection interval at 5776' – 5920' in the Todd 25P Federal #16 wellbore. The Bone Spring is not productive in this wellbore. There are no productive oil or gas zones above the proposed injection zone in this wellbore.



DEVON ENERGY PRODUCTION COMPANY, LP																
C108 ITEM VI--Well Tabulation in Review Area																
Todd 25P Fed #16 - Application to inject salt water																
Operator	Well Name	API NO	County	Sec	Twn	Rnge	Type	Status	Spud Date	Comp Date	TD	PBTD	Comp Zone	Comp Interval	Casing Program	TOC
Devon Energy Prod Co LP	Todd 25H Federal #8	30-015-28805	Eddy	25	23S	31E	Oil	Prod	04/19/97	05/29/97	8626	8526	Delaware	8136-8370	13-3/8", 48#, H40, @ 938'	Surf (circ)
																8-5/8", 32#, J55, @ 4401'
Devon Energy Prod Co LP	Todd 25I Federal #9	30-015-28807	Eddy	25	23S	31E	Oil	Prod	12/15/97	01/23/98	8670	8607	Delaware	8144-8313	13-3/8", 48#, H40, @ 937'	Surf (circ)
																8-5/8", 32#, J55, @ 4404'
Devon Energy Prod Co LP	Todd 25J Federal #10	30-015-28806	Eddy	25	23S	31E	Oil	Prod	11/12/96	12/30/96	8642	8559	Delaware	7134-8311	13-3/8", 48#, H40, @ 887'	Surf (circ)
																8-5/8", 32#, J55, @ 4360'
Devon Energy Prod Co LP	Todd 25N Federal #14	30-015-28859	Eddy	25	23S	31E	Oil	TA	04/19/96	05/29/96	8673	8603	Cherry Canyon Delaware	5962-5990 (cibp 5920) 6799-8274 (cibp 6740)	5-1/2", 15.5# & 17#, @ 8644'	3500' (cbl)
																13-3/8", 48#, H40, @ 877'
Devon Energy Prod Co LP	Todd 25O Federal #15	30-015-28860	Eddy	25	23S	31E	Oil	Prod	02/04/97	03/17/97	8671	8583	Delaware	7124-8200	8-5/8", 32#, J55, @ 4373'	Surf (circ)
																5-1/2", 15.5# & 17#, @ 8672'
Devon Energy Prod Co LP	Todd 25P Fed #16	30-015-28817	Eddy	25	23S	31E	Oil	TA	05/10/97	06/19/97	8708	8625	Delaware	7202-8230 (loc 7041) cmt ret @ 5970, 200 sx blw	13-3/8", 48#, H40, @ 894'	Surf (circ)
																8-5/8", 32#, J55, @ 4425'
Devon Energy Prod Co LP	Todd 36B State #15	30-015-29102	Eddy	36	23S	31E	Oil	Prod	09/09/96	10/24/96	8581	8525	Delaware	7102-8246	5-1/2", 15.5 & 17#, @ 8670'	3500' (calc)
																13-3/8", 48#, H40, @ 1026'
Devon Energy Prod Co LP	Todd 36H State #17	30-015-29293	Eddy	36	23S	31E	Oil	Prod	09/09/97	10/23/97	8715	8629	Delaware	8140-8363	8-5/8", 32#, J55, @ 4471'	Surf (circ)
																5-1/2", 15.5# & 17#, @ 8707'
Devon Energy Prod Co LP	Todd 36A State #16	30-015-29294	Eddy	36	23S	31E	Oil	PA	08/18/97	09/25/97	8700	8613	Delaware	8151-8288 plugged & abandoned	13-3/8", 48#, H40, @ 882'	Surf (circ)
																8-5/8", 32#, J55, @ 4394'
Devon Energy Prod Co LP	Todd 36H State #17	30-015-29293	Eddy	36	23S	31E	Oil	Prod	09/09/97	10/23/97	8715	8629	Delaware	8140-8363	5-1/2", 15.5# & 17#, J55, @ 8580'	3500' (cbl)
																13-3/8", 48#, H40, @ 864'
Devon Energy Prod Co LP	Todd 36A State #16	30-015-29294	Eddy	36	23S	31E	Oil	PA	08/18/97	09/25/97	8700	8613	Delaware	8151-8288 plugged & abandoned	8-5/8", 32#, J55, @ 4404'	Surf (circ)
																5-1/2", 15.5# & 17#, @ 8714'
Devon Energy Prod Co LP	Todd 36A State #16	30-015-29294	Eddy	36	23S	31E	Oil	PA	08/18/97	09/25/97	8700	8613	Delaware	8151-8288 plugged & abandoned	13-3/8", 48#, H40, @ 856'	Surf-(circ)
																8-5/8", 32#, J55, @ 4400'
XTO Energy, Inc	SDE 31 Federal #1	30-025-32676	Lea	31	23S	32E	Oil	Prod	01/15/95	03/15/95	9212	8000'	Delaware Delaware Bone Spring	7114-7206 (open) 8152-8305 (cibp-8000')	5-1/2", 15.5# & 17#, @ 8677'	Surf-(circ)
																11-3/4", 42#, @ 854'
XTO Energy, Inc	SDE 31 Federal #1	30-025-32676	Lea	31	23S	32E	Oil	Prod	01/15/95	03/15/95	9212	8000'	Delaware Delaware Bone Spring	7114-7206 (open) 8152-8305 (cibp-8000')	8-5/8", 24&32#, @ 4484'	Surf-circ 158 sx
																5-1/2", 15.5&17#, @ 9212'
XTO Energy, Inc	SDE 31 Federal #1	30-025-32676	Lea	31	23S	32E	Oil	Prod	01/15/95	03/15/95	9212	8000'	Delaware Delaware Bone Spring	7114-7206 (open) 8152-8305 (cibp-8000')	5-1/2", 15.5&17#, @ 9212'	Surf-circ 10 sx
																8518-8544

III. Well Data--On Injection Well

A. Injection Well Information

- (1) Lease Todd 25P Federal (NM-0544986)
Well No #16
Location 660' FSL & 660' FEL
Sec.Twn,Rnge Sec 25, T23S-R31E, Unit Letter P
Cnty, State Eddy County, New Mexico
- (2) Casing 13-3/8", 48#, H40, @ 1026' in 17-1/2" hole. Cmt'd w/ 810 sxs.
TOC @ surface. Cement circulated.
8-5/8", 32#, J55, @ 4,471' in 11" hole. Cmt'd w/ 1325 sxs.
TOC @ surface. Cement circulated.
5-1/2", 15.5 & 17#, J55, @ 8,707'. Cmt'd w/ 970 sxs.
TOC @ 3680', determined by Cement Bond Log
- (3) Injection Tubing 2-7/8" , 6.5#, IPC tubing run to +/- 5,730'
- (4) Packer 5-1/2" IPC Packer @ +/- 5,730'

B. Other Well Information

- (1) Injection Formation: Delaware
Field Name: Ingle Wells (Delaware)
- (2) Injection Interval: 5,776' to 5,920' (cased hole, perforated)
- (3) Original Purpose of Wellbore:

The Todd 25P Federal #16 was spud on May 10, 1997. The well was drilled to 8,708' and was completed in the Delaware from 7202' to 8230'. Date of first production was June 23, 1997. The initial well test filed was 116 BOPD, 106 MCF, & 552 BW on pump. The Delaware has been abandoned in this wellbore. This well was temporarily abandoned on 12/13/05.

(4) Other perforated intervals:

Delaware: 7202-7222' Cement retainer set @ 5970'. 200 sx sqzd below in csg part at 6185'.
7238'-7246' 250 sx cmt spotted at 7186'. TOC tagged @ 7041 (12/9/05)
7540'-7560'
8121'-8129'
8158'-8173'
8210'-8230'

- (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.

The next lower oil zone in the area of review is the Bone Spring at 8,518'-8,544' in XTO Energy's well SDE 31 Federal #1, which is located south east of the Todd 25P Federal # 16 in Sec 31-T23S-R32E. There are no productive oil / gas zones in the area of review above the proposed injection interval at 5,776' to 5,920'

Todd 25P Federal #16
APPLICATION FOR INJECTION
Form C-108 Section VII to XII

VII Attach data on the proposed operation, including:

- (1) Proposed average injection rate: 2000 BWPD
Proposed maximum injection rate: 2000 BWPD
- (2) The system will be a closed system.
- (3) Proposed average injection pressure: 800 psi
Proposed max injection pressure: 1155 psi
- (4) The proposed injection fluid is produced water from the Delaware that will be re-injected into the Delaware formation.
- (5) Disposal zone formation water analysis: Attached is a water analysis for Delaware produced waters from the Todd Federal lease. Similar Delaware waters will be injected into the Todd 25P Federal #16.

VIII The proposed injection interval is located in the Delaware formation. This Permian age reservoir is approximately 144 feet thick in this area. The injection interval is from 5,776' to 5,920'.

The base of surface fresh water sands (Upper Permian Sands) are reported at 800'. The surface casing for the Todd 25P Federal #16 is set at 1026' and has been cemented to surface.

IX The proposed injection zone will be acidized with +/- 5000 gallons 7.5% NeFe and fraced with +/- 120,000 lb proppant.

X Logging & test data have previously been submitted to the OCD.

XI No fresh water wells are reported within one mile of the proposed conversion well. This information per New Mexico Office of the State Engineer is attached.

XII An examination of this area has determined there are no open faults or other hydrologic connection between the disposal zone and any underground drinking water.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED
OMB NO. 1004-0135
EXPIRES: NOVEMBER 30, 2000

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

SUBMIT IN TRIPLICATE

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other _____

2. Name of Operator
DEVON ENERGY PRODUCTION COMPANY, LP

3. Address and Telephone No.
20 North Broadway, Ste 1500, Oklahoma City, OK 73102 405-552-4615

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
660 FSL 660 FEL P 25 T23S R31E

5. Lease Serial No.	NM-0544986
6. If Indian, Allottee or Tribe Name	NA
7. Unit or CA Agreement Name and No.	NA
8. Well Name and No.	TODD 25P FEDERAL 16
9. API Well No.	30-015-28817
10. Field and Pool, or Exploratory	INGLE WELLS (DELAWARE)
12. County or Parish 13. State	EDDY NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal deepens directionally or recompletes horizontally, give subsurface location and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirement, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

Note: Form C108, Application for Authorization to Inject, is being filed with OCD-Santa Fe to convert the Todd 25P Federal 16 to water disposal.

1. Perforate the Delaware at 5,776' - 5,920' for salt water disposal.
2. Acidize 5,776' - 5,920' with +/- 5000 gallons 7-1/2% NeFe acid
3. Frac the Delaware at 5,776' - 5,920' with +/- 120,000 lb proppant.
4. Run 5-1/2" IPC packer and 2-7/8", IPC tubing. Set packer +/- 5,730'.
5. Load hole with packer fluid and perform MIT Test on casing. Chart results.
6. Turn over to production and commence water injection. Note date of injection.

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

Signed Ronnie Slack Name Ronnie Slack
Title Engineering Technician Date 12/15/2005

(This space for Federal or State Office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

*Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations to any matter within its jurisdiction.

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: TODD 25P FED 16

Field: INGLE WELLS

Location: 660' FSL & 660' FEL; SEC 25-T23S-R31E

County: EDDY

State: NM

Elevation: 3541' GL

Spud Date: 5/10/1997

Compl Date: 6/19/1997

API#: 30-015-28817

Prepared by: Ronnie Slack

Date: 12/14/05

Rev:

■ PROPOSED SWD WELL

17-1/2" hole

13-3/8", 48#, H40, ST&C, @ 1026'

Cmt'd w/810 sx

TOC @ 3680' (CBL)

11" hole

8-5/8", 32#, J55, ST&C, @ 4471'

Cmt'd w/1325 sx

DV Tool @ 5505'

PROPOSED
DELAWARE SWD PERFORATIONS
5,776' - 5,920'

Cement @ 5970' (CBL)

Casing Part @ 6185'

TOC @ 6750' (CBL)

DELAWARE
7202'-7222'
7238'-7246'

(Cmplt'd 6/19/97)

7540'-7560'

8121'-8129'

8158'-8173'

8210'-8230'

7-7/8" Hole

5-1/2", 15.5# & 17#, J55, LT&C, @ 8707'

Cmt'd w/970 sx

PROPOSED
2-7/8", 6.5#, IPC tubing to +/- 5700'

PROPOSED
5-1/2" IPC Packer @ +/- 5730'

Set cement retainer @ 5970' (12/13/05)
Pumped 200 sx cmt below retainer. Avg rate=3 BPM
@ 600 psi. Final pump pressure = 1400 psi.

1. Pumped 50 sx cmt @ 7186. WOC. Did not tag.
2. Pumped 50 sx cmt @ 7186. WOC. Did not tag.
3. Pumped 50 sx cmt @ 7186. WOC. Did not tag.
4. Pumped 50 sx cmt @ 7186. WOC. Did not tag.
5. Pumped 50 sx cmt @ 7186. WOC.
6. Tagged TOC @ 7041' (12/9/05)

PBTD @ 8625'

TD @ 8708'

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: TODD 25P FED 16		Field: INGLE WELLS	
Location: 660' FSL & 660' FEL; SEC 25-T23S-R31E		County: EDDY	State: NM
Elevation: 3541' GL		Spud Date: 5/10/1997	Compl Date: 6/19/1997
API#: 30-015-28817	Prepared by: Ronnie Slack	Date: 12/14/05	Rev:

■ Current--Well Temporarily Abandoned

17-1/2" hole
13-3/8", 48#, H40, ST&C, @ 1026'
 Cmt'd w/810 sx

TOC @ 3680' (CBL)

11" hole
8-5/8", 32#, J55, ST&C, @ 4471'
 Cmt'd w/1325 sx

DV Tool @ 5505'

Cement @ 5970' (CBL)

Casing Part @ 6185'

TOC @ 6750' (CBL)

DELAWARE (Cmpl't'd 6/19/97)

7202'-7222'
 7238'-7246'

7540'-7560'

8121'-8129'
 8158'-8173'
 8210'-8230'

7-7/8" Hole
5-1/2", 15.5# & 17#, J55, LT&C, @ 8707'
 Cmt'd w/970 sx

Hole circulated w/2% KCl. Hooked up chart recorder and tested 5-1/2" casing to 675 psi for 30 minutes. No leak off. Well temporarily abandoned 12/13/05.

Set cement retainer @ 5970' (12/13/05)
 Pumped 200 sx cmt below retainer. Avg rate=3 BPM @ 600 psi. Final pump pressure = 1400 psi. Shut Down pressure = 450 psi.

1. Pumped 50 sx cmt @ 7186. WOC. Did not tag.
2. Pumped 50 sx cmt @ 7186. WOC. Did not tag.
3. Pumped 50 sx cmt @ 7186. WOC. Did not tag.
4. Pumped 50 sx cmt @ 7186. WOC. Did not tag.
5. Pumped 50 sx cmt @ 7186. WOC.
6. Tagged TOC @ 7041' (12/9/05)

PBTD @ 8625'

TD @ 8708'

Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

Dawn Higgins, being first duly sworn, on oath says:

That she is Business Manager of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

November 18	2005
	2005
	2005
	2005

That the cost of publication is \$48.27 and that payment thereof has been made and will be assessed as court costs.

Dawn Higgins

Subscribed and sworn to before me this

9 day of December, 2005

Stephanie Wilson

My commission Expires on 12-13-05

Notary Public

November 18, 2005

Legal Notice

Devon Energy Production Company, LP, 20 North Broadway, Oklahoma City, OK 73102-8260 has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for an injection well. The proposed well is the Todd 25P Federal #16, located 660' FSL & 660' FEL, Unit P, Section 25, Township 23 South, Range 31 East, in Eddy County, New Mexico. will be used for salt water disposal. Disposal waters from the Delaware will be injected into the Delaware formation at a depth of 5776' to 5920' with a maximum pressure of 1150 psi and a maximum rate of 2000 BWPD.

All interested parties opposing the aforementioned must file objections or request for a hearing with the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505-5472, within 15 days. Additional information can be obtained by contacting Jim Blount at (405) 228-4301.

DownHole SAT(tm)
SURFACE WATER CHEMISTRY INPUT

Devon Energy
Todd Federal

Injection Pump

Report Date: 02-27-97
Sample ID#: 1

Sampled: 02-03-97
at 0000

CATIONS

Calcium(as Ca)	25280
Magnesium(as Mg)	3806.4
Barium(as Ba)	0.00
Strontium(as Sr)	0.00
Sodium(as Na)	75965
Potassium(as K)	0.00
Lithium(as Li)	0.00
Iron(as Fe)	42.60
Ammonia(as NH3)	0.00
Aluminum(as Al)	0.00
Boron(as B)	0.00

ANIONS

Chloride(as Cl)	173190
Sulfate(as SO4)	0.00
"M" Alkalinity(as CaCO3)	152.50
"P" Alkalinity(as CaCO3)	0.00
Silica(as SiO2)	0.00
Phosphate(as PO4)	0.00
H2S (as H2S)	0.00
Fluoride(as F)	0.00
Nitrate(as NO3)	0.00

PARAMETERS

pH	5.85
Temperature(Deg F)	62.00
Calculated T.D.S.	278551
Molar conductivity	0.00

Pressure(Atm.)	0.00
P-CO2(Atm)	0.00
Density(g/ml)	1.18

BAKER PERFORMANCE CHEMICALS INC.
3920 ESSEX LANE HOUSTON, TEXAS 77027

Application For Injection
Devon Energy Prod Co LP
Todd 25P Federal 16
Form C-108 Section XIV

Proof of Notice to Leasehold Operators within 1/2 mile of Todd 25P Federal 16

XTO ENERGY
3000 N. Garfield, Ste. 175
Midland, TX 79705

A copy of this application has been mailed to the above leasehold operator by certified mail, pertaining to Devon Energy's application for salt water disposal in the Todd 25P Federal 16

Date Mailed: 12/15/05

Receipt # 7003 1680 0002 1828 3441

Signature: Ronnie Slack

Date: 12/15/05

Ronnie Slack, Engineering Technician
Devon Energy Production Co., L.P.
20 N. Broadway, Suite 1500
Oklahoma City, OK 73102

Application For Injection
Devon Energy Prod Co LP
Todd 25P Federal 16
Form C-108 Section XIV

Proof of Notice to Surface Owner

United States Department of Interior
Bureau of Land Management
620 East Greene Street
Carlsbad, NM 88220

A copy of this application has been mailed to the above surface land owner by certified mail, pertaining to Devon Energy's application for salt water disposal in the Todd 25P Federal 16.

Date Mailed: 12/15/05

Receipt #: 7003 1680 0002 1828 3434

Signature: Ronnie Slack

Date: 12/15/05

Ronnie Slack, Engineering Technician
Devon Energy Production Co., L.P.
20 N. Broadway, Suite 1500
Oklahoma City, OK 73102