

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
 [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD
- Check One Only for [B] or [C]
 [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
 [A] Working, Royalty or Overriding Royalty Interest Owners
 [B] Offset Operators, Leaseholders or Surface Owner
 [C] Application is One Which Requires Published Legal Notice
 [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] Waivers are Attached

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 2008 MAR 12 PM 12 42

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

<u>Ronnie Slack</u>	<u>Ronnie Slack</u>	<u>Engineering Tech</u>	<u>3/11/08</u>
Print or Type Name	Signature	Title	Date
		<u>Ronnie.Slack@dvn.com</u>	
		e-mail Address	



Devon Energy Corporation
20 North Broadway
Oklahoma City, OK 73102-8260

405 235 3611 Phone
www.devonenergy.com

March 10, 2008

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RE: Form C-108, Application for Authorization to Inject
Tomcat 15 Federal #3; API# 30-025-35524
Lea County, NM
Section 15, T23S, R32E

Gentlemen:

Please find attached Devon Energy Production Company, LP's Form C-108, Application for Authorization to Inject. Devon's application proposes to take produced waters from the Delaware formation and re-inject into the Delaware Cherry Canyon for salt water disposal purposes utilizing the Tomcat 15 Federal #3 wellbore.

A copy of this application is being filed with the OCD-Hobbs office, surface land owner, and leasehold operators.

If you have any questions, please contact Jim Cromer at (405)-228-4464 or myself at (405)-552-4615. Thank you for your cooperation in this matter.

Sincerely,

A handwritten signature in black ink that reads "Ronnie Slack". The signature is written in a cursive, flowing style.

Ronnie Slack
Engineering Technician

RS/rs
Enclosure

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: 3/11/08

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: _____ Tomcat 15 Federal #3 _____

WELL LOCATION: _____ 660' FNL & 660' FWL _____ D _____ Sec 15 _____ T23S _____ R32E
FOOTAGE LOCATION _____ UNIT LETTER _____ SECTION _____ TOWNSHIP _____ RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA
Surface Casing

Hole Size: 17-1/2" _____ Casing Size: 13-3/8" @ 670' _____
Cemented with: 560 sx. or _____ ft³

Top of Cement: _____ Surface _____ Method Determined: Circ. cement
Intermediate Casing

Hole Size: 11" _____ Casing Size: 8-5/8" @ 4780' _____
Cemented with: 1300 sx. or _____ ft³

Top of Cement: _____ Surface _____ Method Determined: Circ. cement
Production Casing

Hole Size: 7-7/8" _____ Casing Size: 5-1/2" @ 7600' _____
Cemented with: 600 sx. or _____ ft³

Top of Cement: 4342 _____ Method Determined: CBL
Total Depth: 7600' _____

Injection Interval (Perforated)

_____ 5,786' _____ feet to _____ 5,942' _____

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8", 4.6# Lining Material: IPC

Type of Packer: 5-1/2" IPC

Packer Setting Depth: +/- 5,740'

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 Cherry Canyon

3. Name of Field or Pool (if applicable): Diamond Tail

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.

Delaware Cherry Canyon from 6,764' to 6,772' (perfs open)
Delaware Brushy Canyon from 7,457' to 7,467' (perfs open)

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

The top of the Delaware zone is noted at 4,854' MD. There are no productive oil or gas bearing zones above the proposed injection interval from 5,786' to 5,942' in the area of review. Mud log shows indicate that proposed injection interval at 5,786' to 5,942' is not productive. The next lower oil zone top is the Delaware Cherry Canyon at 5,770'. The Tomcat 15 Fed #3 was productive in the Cherry Canyon from 6,764' to 6,772. The next lower productive gas zone is in the Morrow from 14,996' to 15,009' which is being produced in the Tomcat 15 Fed #1.

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: TOMCAT 15 FEDERAL #3		Field: DIAMOND TAIL	
Location: 660' FNL & 660' FWL; SEC 15-T23S-R32E		County: LEA	State: NM
Elevation: 3709' KB; 3697' GL		Spud Date: 7/11/04	Compl Date: 8/10/01
API#: 30-025-35524	Prepared by: Ronnie Slack	Date: 2/26/08	Rev:

**PROPOSED SWD
DELAWARE CHERRY CANYON**

17-1/2" hole
13-3/8", 48#, H40, STC, @ 670'
 Cmt'd w/560 Sx to surface

TOC @ 4342' (CBL)

11" Hole
8-5/8", 32#, S80 & J55, STC, @ 4,780'
 Cmt'd w/1300 Sx to surface

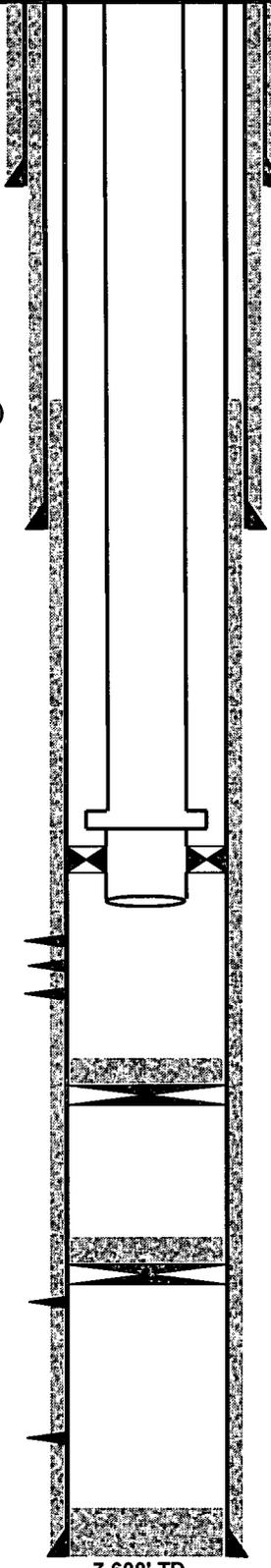
**Proposed Injection Perforations
DELAWARE CHERRY CANYON**
 5786' - 5800'
 5852' - 5878'
 5908' - 5942'

DELAWARE CHERRY CANYON
6,764' - 6,772' (12/14/01)
 12/14/01: acidized 6764-6772 w/1000 gals

DELAWARE BRUSHY CANYON
7,457' - 7,467' (8/3/01)
 8/4/01: acidized 7457-7467 w/1000 gals & fraced w/26K#

7-7/8" Hole
5-1/2", 17#, J55, @ 7,600'
 Cmt'd w/600 Sx. TOC @ 4342' (CBL)

Formation Tops	
Rustler	1181'
Delaware/Lamar	4854'
Bell Canyon	4909'
Cherry Canyon	5770'
Brushy Canyon	6995'



Proposed:
 2-3/8", IPC, Injection tubing

Proposed:
 5-1/2" IPC Packer @ +/-5,740'

Proposed:
 Set CIBP @ 6177' + 35' cement. PBD @ 6142'

Proposed:
 Set CIBP @ +/-6740' + 35' cement. PBD @ 6705'

7,546' PBTD

7,600' TD

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: TOMCAT 15 FEDERAL #3		Field: DIAMOND TAIL	
Location: 660' FNL & 660' FWL; SEC 15-T235-R32E		County: LEA	State: NM
Elevation: 3709' KB; 3697' GL		Spud Date: 7/11/04	Compl Date: 8/10/01
API#: 30-025-35524	Prepared by: Ronnie Slack	Date: 2/11/08	Rev:

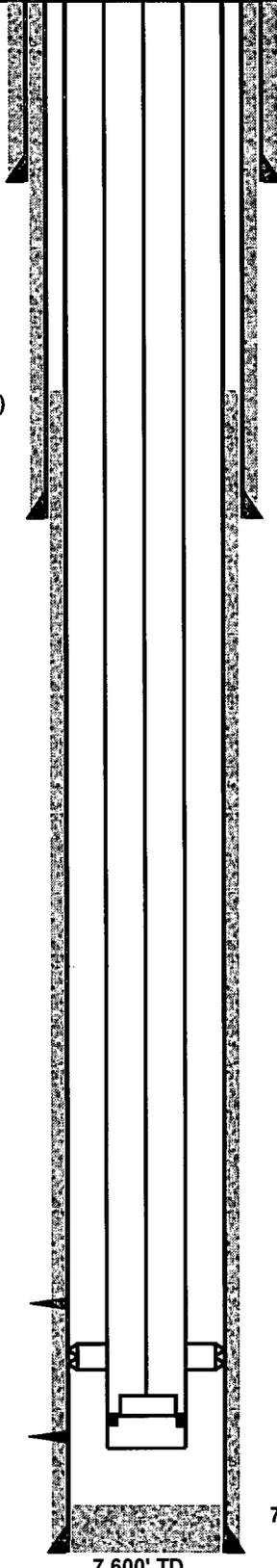
CURRENT WELLBORE SCHEMAT

17-1/2" hole
13-3/8", 48#, H40, STC, @ 670'
 Cmt'd w/560 Sx to surface

TOC @ 4342' (CBL)

11" Hole
8-5/8", 32#, S80 & J55, STC, @ 4,780'
 Cmt'd w/1300 Sx to surface

<u>Formation Tops</u>	
Rustler	1181'
Delaware/Lamar	4854'
Bell Canyon	4909'
Cherry Canyon	5770'
Brushy Canyon	6995'



2-7/8" Production tubing

DELAWARE CHERRY CANYON
6,764' - 6,772' (12/14/01)
 12/14/01: acidized 6764-6772 w/1000 gals

DELAWARE BRUSHY CANYON
7,457' - 7,467' (8/3/01)
 8/4/01: acidized 7457-7467 w/1000 gals & fraced w/26K#

7-7/8" Hole
5-1/2", 17#, J55, @ 7,600'
 Cmt'd w/600 Sx. TOC @ 4342' (CBL)

7,546' PBTD

7,600' TD

**TOMCAT 15 FEDERAL #3
APPLICATION FOR INJECTION
Form C-108 Section III**

III. Well Data--On Injection Well

A. Injection Well Information

- (1) **Lease** Tomcat 15 Federal
Well No #3
Location 660' FNL & 660' FWL
Sec,Twn,Rnge Sec 15, T23S-R32E, Unit Letter D
Cnty, State Lea County, New Mexico

- (2) **Casing** 13-3/8", 48#, @ 670' in 17-1/2" hole. Cmt'd w/ 560 sxs.
TOC @ surface. Cement circulated.

8-5/8", 32#, @ 4,780'. Cmt'd w/ 1300 sxs.
TOC @ surface. Cement circulated.

5-1/2", 17#, @ 7,600'. Cmt'd w/ 600 sxs.
TOC @ 4342'. Cement bond-log.

- (3) **Injection Tubing** 2-3/8" , 4.7#, J-55 IPC tubing run to +/- 5,740'

- (4) **Packer** 5-1/2" IPC Packer @ +/- 5,740'

B. Other Well Information

- (1) **Injection Formation:** Delaware Cherry Canyon from 5,786' to 5,942'
Field Name: Diamond Tail

- (2) **Injection Interval:** 5,786' to 5,942' (cased hole, perforated)

- (3) **Original Purpose of Wellbore:**

The Tomcat 15 Federal #3 was spud July 11, 1974 and completed as a producer in the Delaware Cherry & Brushy Canyon zones from 6,764' to 7,467'. Total cumulative production is 7,171 BO, 69,703 BW, and 69,703 MCF. Production declined to 1 BOPD and it is currently shut in.

- (4) **Other perforated intervals:**

Only perforated zones are:
Delaware Cherry Canyon from 6,764' to 6,772'
Delaware Brushy Canyon from 7,457' to 7,467'

- (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 top of the Delaware zone is noted at 4,854' MD. There are no productive oil or gas bearing zones above the proposed injection interval from 5,786' to 5,942' in the area of review. Mud log shows indicate that proposed injection interval at 5,786' to 5,942' is not productive. The next lower oil zone top is the Delaware Cherry Canyon at 5,770'. The Tomcat 15 Fed #3 was productive in the Cherry Canyon from 6,764' to 6,772. The next lower productive gas zone is in the Morrow from 14,996' to 15,009' which is being produced in the Tomcat 15 Fed #1.

POGO PRODUCING COMPANY
Aracanga Fed 1

STRATA PRODUCTION CO
Colibri Fed 2

EXXON CORPORATION
Central Southwest O 1
STRATA PRODUCTION CO
Urraca Fed 4

HILL-MEEKR-AMB
Matthews II

VATES PETROLEUM CORPORATION
Amenda AMN Fed 1

9

10

11

STRATA PRODUCTION CO
Aracanga Fed 2

STRATA PROD COMPANY
Urraca Fed 3

ROFF OPERATING CO
Tomcat 8 Fed 1

ROFF OPERATING CO
Tomcat 9 Fed 1

MCBEE OIL COMPANY
Continental Fed 15

STRATA PROD COMPANY
Colibri Fed 1

SUPERIOR OIL COMPANY THE
Trist Draw Fed-Gulf 1

DEVON ENERGY CORPORATION
Tomcat 16 St 10
DEVON ENERGY CORPORATION
Tomcat 16 St 13
DEVON ENERGY CORPORATION
Tomcat 15 Fed 3

STRATA PRODUCTION CO
Codorniz Fed 1

STRATA PROD COMPANY
Cuervo Fed 2

TEXAS REEXPLORATION OPERATING
Sharbro Fed 5

DEVON ENERGY CORPORATION
Tomcat 16 St 4

DEVON ENERGY CORPORATION
Tomcat 16 St 5

THOMAS JOHN H
Continental Fed 1-15

STRATA PRODUCTION CO
Codorniz Fed 2

STRATA PRODUCTION CO
3002538980000

TEXAS REEXPLORATION OPERATING
Sharbro Fed 2

DEVON ENERGY CORPORATION
Tomcat 17 Fed 3
DEVON ENERGY CORPORATION
Tomcat 16 St 3
DEVON ENERGY CORPORATION
Tomcat 16 St 7

DEVON ENERGY CORPORATION
Tomcat 15 Fed 1

DEVON ENERGY CORPORATION
Tomcat 15 Fed 2

MOBIL PRODUCING
Trista Draw Fed 6

23 S 32 E

DEVON ENERGY CORPORATION
Tomcat 20 Fed 3

DEVON ENERGY CORPORATION
Tomcat 21 Fed 4
HANKAMER CURTIS CORP
Gulf-Fed Aa 1

ECHO PRODUCTION INCORPORATED
James 1

DEVON ENERGY CORPORATION
Tomcat 20 Fed 3
DEVON ENERGY CORPORATION
Tomcat 21 Fed 3
DEVON ENERGY CORPORATION
Tomcat 21 Fed 1

21

22

23

DEVON ENERGY CORPORATION
Tomcat 20 Fed 5
DEVON ENERGY CORPORATION
Tomcat 21 Fed 8

ECHO PRODUCTION INCORPORATED
Avion Fed 3

ECHO PRODUCTION INCORPORATED
Avion Fed 2

PETRA 2/11/2008 9:37:22 AM

C108-Item V
Map of Well Review Area
Proposed Injector; Tomcat 15 Federal #3
Lea County; Sec 15-T23S-R32E

devon

Southeast New Mexico

Tomcat 15 Federal #3

Sec 15-T23S-R34E 660'xw/ 660'fn



February 11, 2008

C108 ITEM VI--Well Tabulation in Review Area																	
Devon Energy Production Company, LP																	
Proposed Disposal Well: Tomcat 15 Federal #3																	
Operator	Well Name	API NO	County	Footage	Sec	Twn	Rnge	Type	Status	Spud Date	Comp Date	TD	PBTD	Comp Zone	Comp Interval-Ft	Casing Program	Cement / TOC
Devon Energy Prod Co LP	720-665 Tomcat 15 Fed #1	30-025-33801	Lea	1980' FSL 660' FWL	15	23S	32E	Gas	Active	02/11/97	05/27/97	16050	15036	Morrow	14996-15009	20"-94# @ 616' 13-3/8" 72# @ 4755' 9-5/8" 53.5# @ 12410' 7-5/8" liner, 12034'-15063'	1425 Sx / Surf 3275 Sx / Surf 2800 Sx / 4200' (Est.) 625 Sx / liner top
Devon Energy Prod Co LP	650-6050 Tomcat 15 Fed #3	30-025-35524	Lea	660' FNL 660' FWL	15	23S	32E	Oil	SI	07/11/04	08/10/01	7600	7546	Delaware	6764-6772; 7457-7467	13-3/8" 48# @ 670' 8-5/8" 32# @ 4780' 5-1/2" 17# @ 7,600	560 Sx / Surf 1300 Sx / Surf 600 Sx / 4342' (CBL)
Devon Energy Prod Co LP	6550K Tomcat 16 St #6	30-025-34949	Lea	1980' FNL 660' FEL	16	23S	32E	Oil	Active	04/03/00	05/18/00	8910	8836	Delaware	7420-7434; 8548-8567	13-3/8" 48# @ 649' 8-5/8" 32# @ 4,862' 5-1/2" 17# @ 8,908	650 Sx / Surf 1200 Sx / Surf 935 Sx / 4910' (CBL)
Devon Energy Prod Co LP	6550K Tomcat 16 St #10	30-025-35045	Lea	761' FNL 1881' FEL	16	23S	32E	Oil	Active	09/15/00	11/06/00	8945	8885	Delaware	7452-8542	13-3/8" 48# @ 665' 8-5/8" 32# @ 4,816' 5-1/2" 17# @ 8,945	650 Sx / Surf 1400 Sx / Surf 945 Sx / 4250' (CBL)
Devon Energy Prod Co LP	6650K Tomcat 16 St #13	30-025-35411	Lea	660' FNL 660' FEL	16	23S	32E	Oil	Active	04/22/01	06/14/01	7600	7557	Delaware	7407-7420	13-3/8" 48# @ 660' 8-5/8" 32# @ 4,835' 5-1/2" 17# @ 7,600	625 Sx / Surf 1350 Sx / Surf 670 Sx / 6520' (CBL)

TOMCAT 15 FEDERAL #3
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: 3000 BWPD
- (2) The system will be a closed system.
- (3) Proposed average injection pressure: 700 psi
Proposed max injection pressure: 850 psi
- (4) The proposed injection fluid is produced water from the Delaware that will be re-injected into the Delaware Cherry Canyon zone. Attached is a water analysis of Delaware produced water from the Tomcat 21 SWD station. No water compatibility issues are anticipated.
- (5) Disposal zone (Delaware Cherry Canyon) formation water is submitted from the Todd 26A Fed #6 well. Similar water make up is expected from the Delaware Cherry Canyon zone in the Tomcat 15 Federal #3.

VIII Geologic Injection Zone Data

The proposed injection zone is the the Cherry Canyon formation at a depth of 5,786' to 5,942'. The Cherry Canyon is a Permian aged sandstone. The proposed injection interval is 156' thick. The average depth of water report notes aquifers at an average depth of 400'. Surface casing is set at 670' and cemented to surface in the Tomcat Federal #3.

IX Proposed Stimulation

Depending on injection rates and pressures, the proposed injection zone could be acidize with +/- 5000 gallons 7.5% NeFe acid and fraced w/+/-120,000# proppant.

X Log Data

Well logs have previously been submitted to the OCD.

XI Fresh Water Analysis

No fresh water wells were indicated within one mile of proposed injection well per New Mexico office of the State Engineer web site.

XII Geologic / Engineering Statement

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.

XIII Proof of Notice

Proof of notice to surface owner, leasehold operator, and public legal notification is attached

C108-Item VII #4
Injection Water Analysis
Delaware Produced Water
Tomcat 21 SWD Station



PHONE (575) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
DEVON ENERGY
ATTN: TRACY KIDD
P.O. BOX 250
ARTESIA, NM 88211
FAX TO: (575) 746-9072

Receiving Date: 03/03/08
 Reporting Date: 03/10/08
 Project Number: NOT GIVEN
 Project Name: TOMCAT 21 SWD TANKS
 Project Location: NOT GIVEN

Sampling Date: 03/03/08
 Sample Type: WASTEWATER
 Sample Condition: COOL & INTACT
 Sample Received By: ML
 Analyzed By: HM/KS

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (μ S/cm)	T-Alkalinity (mgCaCO ₃ /L)
ANALYSIS DATE:		03/07/08	03/07/08	03/07/08	03/07/08	03/06/08	03/06/08
H14362-1		73,700	21,800	4,030	2,110	335,000	28.0
Quality Control		NR	49.2	50.8	3.04	1,412	NR
True Value QC		NR	50.0	50.0	3.00	1,413	NR
% Recovery		NR	98.5	102	101	99.9	NR
Relative Percent Difference		NR	2.8	< 0.1	6.7	0.7	NR

METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1
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	Cl ⁻ (mg/L)	SO ₄ (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)	pH (s.u.)	TDS (mg/L)
ANALYSIS DATE:	03/06/08	03/07/08	03/06/08	03/06/08	03/06/08	03/03/08
H14362-1	166,000	232	0	34.2	5.52	301,000
Quality Control	490	24.0	NR	1000	7.04	NR
True Value QC	500	25.0	NR	1000	7.00	NR
% Recovery	98.0	96.0	NR	100	100	NR
Relative Percent Difference	< 0.1	3.6	NR	< 0.1	1.3	NR

METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1
----------	-------------	-------	-------	-------	-------	-------

Tracy Kidd
 Chemist

03/10/08
 Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analytical services. Cardinal shall not be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

C108-Item VII #5
 Disposal Zone Formation Water
 Delaware Cherry Canyon
 Todd 26A Federal #6

Martin Water Laboratories

406 W. ILLINOIS
 MIDLAND, TEXAS 79701
 PHONE 683-4521

RESULT OF WATER ANALYSES

TO: Mr. J. T. Moseley LABORATORY NO. 1074131
P. O. Box 1856, Monahans, Texas SAMPLE RECEIVED 10-15-74
 RESULTS REPORTED 10-23-74

COMPANY Texas American Oil Corp. LEASE Todd "26" Federal
 FIELD OR POOL Sand Dunes (Cherry Canyon)
 SECTION BLOCK SURVEY COUNTY Eddy STATE N. M.

SOURCE OF SAMPLE AND DATE TAKEN:
 NO. 1 Recovered water - swabbed from Todd "26" Federal #6, 10-12-74
 NO. 2
 NO. 3
 NO. 4

REMARKS: 6,062' - 6,065'

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1740			
pH When Sampled				
pH When Received	8.3			
Bicarbonate as HCO ₃	0			
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	59,000			
Calcium as Ca	23,300			
Magnesium as Mg	182			
Sodium and/or Potassium	85,631			
Sulfate as SO ₄	479			
Chloride as Cl	173,286			
Iron as Fe	286			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	283,028			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	0.050			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Hydroxide, as OH	54			
Carbonate, as CO ₃	96			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The above results clearly reveal that this recovered water was still artificial and is not a natural connate Cherry Canyon. We show about the same type of characteristics that we were encountering on analysis #107458 (10-11-74). We doubt that any natural connate water was being recovered at this time.

By Waylan C. Martin
 Waylan C. Martin, M. A.

Form C-108 Section XIV
Proof of Notice to Surface Land Owner

Application For Injection in Tomcat 15 Federal #3
Devon Energy Production Company, LP

Surface Land Owner

Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad, NM 88220

Certified receipt No.
7005 3110 0002 8252 6923

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 Tomcat 15 Federal #3.

Date Mailed: 3/11/2008

Signature: *Ronnie Slack*

Date: 3/11/2008

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

Form C-108 Section XIV
Proof of Notice to Leasehold Operator

Application For Injection in Tomcat 15 Federal #3
Devon Energy Production Company, LP

Leasehold Operators within 1/2 mile of Tomcat 15 Federal #3

Roff Resources
333 Clay Street, Suite 4300
Houston, Texas 77002

Certified receipt No.
7005 3110 0003 6502 0805

Strata Production Company
1301 N. Sycamore
Roswell, New Mexico 88201

7005 3110 0003 6533 3271

A copy of this application has been mailed to the above leasehold operators by certified mail, pertaining to Devon Energy's application for salt water disposal in the Tomcat 15 Federal #3.

Date Mailed: 3/11/2008

Signature: *Ronnie Slack*

Date: 3/11/2008

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

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

PUBLISHER

of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period.

of 1 weeks.

Beginning with the issue dated February 19 2008

and ending with the issue dated February 19 2008

Kathi Bearden

PUBLISHER

Sworn and subscribed to before

me this 19th day of

February 2008

Dora Montz

Notary Public.

My Commission expires
February 07, 2009
(Seal)



OFFICIAL SEAL
DORA MONTZ
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: _____

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE
February 19, 2008

Devon Energy Production Company, L.P., 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, the Tomcat 15 Federal #3, located 660' FNL & 660' FWL Section 15 Township 23 South Range 32 East in Lea County, New Mexico will be used for salt water disposal. Disposal waters from the Delaware will be injected into the Delaware Cherry Canyon formation at a depth of 5786', 5800', 5852', 5878', and 5908'-5942'. A maximum injection rate of 3000 BWPD and maximum injection pressure of 850 psi is expected.

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 Cromer at (405) 228-4464.

#23846

03100039000 02598394
DEVON ENERGY CORPORATION
20 N. BROADWAY, SUITE 1500
OKLAHOMA CITY, OK 73102-8260

District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 811 South First, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

WELL API NO.
 30025-35411

5. Indicate Type of Lease
 STATE FEE

State Oil & Gas Lease No.

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 DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

2. Name of Operator
 CONCHO RESOURCES INC.

3. Address of Operator
 110 W. LOUISIANA STE 410; MIDLAND TX 79701

7. Lease Name or Unit Agreement Name
 TOMCAT '16' STATE

8. Well No. 13

9. Pool name or Wildcat
 Diamondtail Delaware SW

CONFIDENTIAL

4. Well Location
 Unit Letter A : 660 Feet From The North Line and 660 Feet From The East Line

Section 16 Township 23S Range 32E NMPM LEA County

10. Date Spudded 4/22/01 10. Date T.D. Reached 5/6/01 11. Date Compl. (Ready to Prod.) 6/14/01 12. Elevations (DF& RKB, RT, GR, etc.) 3684' 13. Elev. Casinghead 3685'

15. Total Depth 7600 16. Plug Back T.D. 7557 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By 19. Producing Interval(s), of this completion - Top, Bottom, Name 7407-7420' Delaware 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run GR CBL CCL, CMR, CNL, 21. Was Well Cored No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	660	17-1/2	625 C	0
8-5/8	32	4835	11	1350 C	0
5-1/2	17	7600	7-7/8	670 H	0

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	7338	

26. Perforation record (interval, size, and number)
 7407-7420' w/ 2 spf (27 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7407-7420	Acid w/ 1500 gals 15%
7407-7420	Frac w/ 399 bbls gel & 27483# 16/30 RC sd

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. Or Shut-in)
6/14/01	PUMPING (2-1/2"x1-1/2"x22)	PROD
Test Date 6/20/01	Hours Tested 24	Choke Size
Prod'n For Test Period	Oil - Bbl 103	Gas - MCF 26
Water - Bbl 74	Gas - Oil Ratio 252	
Flow Tubing Press.	Casing Pressure 50#	Calculated 24-Hour Rate
Oil - Bbl 103	Gas - MCF 26	Water - Bbl 74
Oil Gravity - API - (Corr.)	40.4	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
 SOLD

Test Witnessed By
 MARK HULSE, CONCHO RESOURCES INC.

30. List Attachments
 LOGS, LETTER OF CONFIDENTIALITY, SUNDRY C104 C102

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature Charles W. Horsman Printed Name Charles W. Horsman Title Operations Supervisor Date 7/11/01

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Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 811 South First, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

WELL API NO.
 30025-35411

5. Indicate Type of Lease
 STATE FEE

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.)

7. Lease Name or Unit Agreement Name:
 TOMCAT '16' STATE

1. Type of Well:
 Oil Well Gas Well Other

7. Well No.
 13

2. Name of Operator
 CONCHO RESOURCES INC.

8. Pool name or Wildcat
 DIAMONDTAIL BONE SPRING

3. Address of Operator
 110 W. LOUISIANA STE 410; MIDLAND TX 79701

4. Well Location
 Unit Letter A : 660 feet from the NORTH line and 660 feet from the EAST line
 Section 16 Township 23S Range 32E NMPM LEA County

CONFIDENTIAL

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3684' 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"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: completion <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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

- 05/24/01 Ran GR CBL CCL log from PBTD @ 7557-6300'. TOC @ 6520'. Perf w/ 2 SPF @ 7407-7420'.
- 05/25/01 Acid w/ 1500 gals 15% NEFE.
- 05/30/01 Frac 7407-7420' w/ 399 bbls gel & 27483# 16/30 RC sand.
- 05/31/01 TIH w/ prod tbg. Run rods & pump.
- 06/20/01 IP: 103 BO, 74 BW, 26 MCF.

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

SIGNATURE Charles W. Horsman TITLE OPERATIONS SUPERVISOR DATE 7/11/01
 Type or print name CHARLES W. HORSMAN Telephone No. (405) 235-3611

(This space for State use)
 APPROVED BY _____ TITLE _____ DATE 7/11/01
 Conditions of approval, if any: _____

2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Conservation Division
1025 N. 1st Street
Hobbs, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. 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, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL & 660' FWL, Sec. 15-23S-32E

5. Lease Designation and Serial No.
NM - 95642

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
Tomcat "15" Federal #3

9. API Well No.
30-025-35524

10. Field and Pool, or Exploratory Area
Diamondtail Bone Spring

11. County or Parish, State
Lea County

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Completion</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

7/20/01- Drilled 11" hole to 4780'. RIH w/115jts, 8 5/8", 32#, S-80 and J-55, STC casing. Cmt lead w/1100sx 35/65 Poz C. Cmt tail w/20 Class C. Circ 120sx to pit.

8/3/01- Drilled 7 7/8" hole. Set 5 1/2", 17#, J-55 casing @7610'. Cmt w/600sx. Run CBL-GR-CCL from PBTD @ 7546' to 6000' under 10 psi. Found TOC @ 4342'. RIH w/4" csg gun. Perf 7457'-7467', 2SPF, 21 holes.

8/4/01- Acidized perf 7457'-7467' w/1000gal, 7.5%NeFe, Delaware Blend.

8/7/01- Frac 7457'-7467' w/15,000gal SFG-3000, 26,000# 16/30RC.

8/10/01- Pump testing.

12/13/01- RIH w/4" csg gun & perf 2SPF from 6764'-6772' (16 shots).

12/14/01- Acidized 6764'-6772' w/1000gal 7.5% NeFe acid.

12/15/01- Swabbing.

12/19/01- RIH w/2 7/8" tbg, SION.

12/20/01- Set tbg @7337', set pump & rods, clean location. RDMO.

RECEIVED FOR RECORD
JAN 11 2002
BUREAU OF LAND MANAGEMENT
HOBBS, NEW MEXICO

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

Signed Karen Cottom Title Engineering Technician Date January 8, 2001

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 to any department or agency of the United States any false, fictitious or fraudulent statements or reports to any matter within its jurisdiction.

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KZ

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Thursday, March 13, 2008 4:21 PM
To: 'Slack, Ronnie'
Cc: Ezeanyim, Richard, EMNRD; Brooks, David K., EMNRD; Kautz, Paul, EMNRD
Subject: SWD Application from Devon: Tomcat 15 Federal #3 API No. 30-025-35524 Unit D Sec 15 T23S R32E Lea County

Hello Ronnie:

After reviewing your SWD application, have the following requests and concerns:

- 1) Send a copy of the CBL on this well to the Hobbs office for scanning into the OCD logging system.
- 2) Send copies of all elogs on 30-025-33801 to Hobbs for scanning - (I could not see logs for this well in the file).
- 3) Ask your Geologist and/or Engineer to give a quick evaluation of the producibility (oil/gas) of the proposed injection zone in this well. i.e. good reasons not to need a perf, swab, and test requirement prior to injection.
- 4) Does Strata have the Delaware minerals leased in the SW/4 of Section 10? if not, then look at Rule 701B(2) concerning notice and let me know?
- 5) The 30-025-35411 is a Devon well offsetting this proposed injection well, and seems to have a cement top below the intended injection interval. Is Devon OK with a conditional SWD permit which would require this cement top to be raised prior to injection? If not, then Devon has the option of setting this to a hearing.

Thanks,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

*Cancelled
3/13/08*



RECEIVED

2008 APR 25 PM 4 17

April 23, 2008

Oil Conservation Division
Attn: William V. Jones PE
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RE: Form C-108, Tomcat 15 Federal #3; API# 30-025-35524
Lea County, NM
Section 15, T23S, R32E
Follow up to questions/concerns from William Jones on March 13, 2008

Dear Mr. Jones:

Devon's response to questions and concerns from your email dated March 13, 2008 are as follows.

1. The CBL for the Tomcat 15 Federal #3 (api#: 30-025-35524) was delivered to the Hobbs office on April 16, 2008.
2. E logs for the Tomcat 15 Fed #1 (api#: 30-025-33801) were delivered to the Hobbs office on April 16, 2008.
3. Proposed Delaware Cherry Canyon injection zone oil/gas producibility (5786' – 5942'): Mud logs indicate no shows of hydrocarbon presence in this interval. After perforation, Devon will swab test prior to injection to confirm if hydrocarbons are present.
4. Our Land department has verified that Strata Production Company has Delaware mineral rights in the SW/4 of Section 10, 23S, 32E. Our intent to convert was delivered to Strata on March 17, 2008.
5. Devon is agreeable to raising TOC above the proposed injection zone, in its offset well, the Tomcat 16 ST #13 (api# 30-025-35411), prior to converting the Tomcat 15 Federal #3 to injection.

If you have any questions, or need additional information, please contact Jim Cromer at (405)-228-4464 or myself at (405)-552-4615.

Sincerely,

Ronnie Slack
Engineering Technician

RS/rs

Injection Permit Checklist 2/8/07

SWD Order Number 1120 Dates: Division Approved _____ District Approved _____

Well Name/Num: TOMCAT 15 FEDERAL # 3 Date Spudded: 7/11/84

API Num: (30-) 025-35524 County: LEA

Footages 660 FNL/660 FWL Sec 15 Tsp 235 Rge 32E

Operator Name: DEVON Energy Production Company, LP Contact Ronnie SLACK

Operator Address: 20 North Broadway, SUITE 1500, OKLAHOMA CITY, OK 73102

Current Status of Well: CC/BC open Perf Planned Work: _____ Inj. Tubing Size: 2 3/8 @ 5740'

Depleted Lower Del Zone

3/1/97 OK

	Hole/Pipe Sizes		Depths	Cement	Top/Method
Surface	17 1/2	13 3/8	670	560	CIRC
Intermediate	11 7/8	8 5/8	4780	1300	CIRC
Production	7 7/8	5 1/2	7600	600	4342 CBL
Last DV Tool					
Open Hole/Liner					
Plug Back Depth					

Diagrams Included (Y/N): Before Conversion After Conversion

Checks (Y/N): Well File Reviewed ELogs in Imaging

3/13/08 OK

Intervals:	Depths	Formation	Producing (Yes/No)
Sal/Potash	<u>1181'</u>		
Capitan Reef	<u>1350'</u>		
Cliff House, Etc:			
Formation Above	<u>4854' to 4909'</u>	<u>TOP of Delaware</u>	
Top Inj Interval	<u>5786</u>	<u>Del Change</u>	<u>1157</u> PSI Max. WHIP
Bottom Inj Interval	<u>5942</u>		<u>NO</u> Open Hole (Y/N)
Formation Below			Deviated Hole (Y/N)

*5756
11572*

Fresh Water: Depths: _____ Wells(Y/N) _____ Analysis Included (Y/N): _____ Affirmative Statement _____

Salt Water Analysis: Injection Zone (Y/N/NA) Del DispWaters (Y/N/NA) Types: Del

Notice: Newspaper(Y/N) Surface Owner BLM Mineral Owner(s) _____

Other Affected Parties: ROFF Co. / STRATA

AOR/Repairs: NumActiveWells 4 Repairs? 1/2 Producing in Injection Interval in AOR _____

AOR Num of P&A Wells 0 Repairs? _____ Diagrams Included? _____ RBDMS Updated (Y/N) _____

Well Table Adequate (Y/N) AOR STRs: Sec _____ Tsp _____ Rge _____ UIC Form Completed (Y/N) _____

New AOR Table Filename _____ Sec _____ Tsp _____ Rge _____ This Form completed _____

Conditions of Approval: Sec _____ Tsp _____ Rge _____ Data Request Sent _____

*Required Set CIBP with 200 feet of bore perf
Perf / schwalb / e-test new perfs.
Does STRATA have Delovr mud stored in SW/4 Sec 10 1*

AOR Required Work: UNIT A low cement top.

Required Work to this Well: _____