8/04/2014 DATE IN	SUSPENSE	PRG ENGINEER	8/05/2014 LOGGED IN	SWD TYPE	pMAM1421732192 APP NO.

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]

-SWD

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

-Gross Timbers Energy, LLC
~~305443~~ XTO Energy
- well
-Goldenchild 6
SWD#1
30-015 41846

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 Amend SWD - 1458

RECEIVED OCD
2014 JUL 28 P 2:23

[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

Pool
-SWD; Devonian
96101

[E] ☑ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[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.

DeeAnn Kemp		Regulatory Manager	7-30-14
Print or Type Name	Signature	Title	Date

DeeAnn_Kemp@xtoenergy.com
e-mail Address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance __X__ Disposal _____ Storage
Application qualifies for administrative approval? __X__ Yes _____ No

II. OPERATOR: XTO ENERGY, INC

ADDRESS: 200 N. LORAINE ST STE 800 MIDLAND, TX 79701

CONTACT PARTY: STEPHANIE RABADUE PHONE: 432-620-6714

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 __X__ No This is to amend current permit SWD-1458.
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. Exhibit A

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. Exhibit B: No wells within 1/2 mile penetrate the inj/disp zone

VII. Attach data on the proposed operation, including: Exhibit C

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. Exhibit C

IX. Describe the proposed stimulation program, if any. Exhibit C

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). Exhibit C

*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. Exhibit C

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. Exhibit C

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form. Exhibit D

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: STEPHANIE RABADUE TITLE: REGULATORY ANALYST

SIGNATURE: Stephanie Rabadue DATE: 07/01/2014

E-MAIL ADDRESS: STEPHANIE_RABADUE@XTOENERGY.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

Side 1

INJECTION WELL DATA SHEET

OPERATOR: XTO ENERGY, INC

WELL NAME & NUMBER: GOLDENCHILD 6 STATE SWD #1

WELL LOCATION:	800 FSL & 330 FEL	P	6	25S	29E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

SEE ATTACHED WBD FOR FULL DETAILS

A 7" production liner is set in this well fr/ 10,052-14,745'.

See Attached WBD for Full Details

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 26 Casing Size: 20

Cemented with: 930 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: TS

Intermediate Casing

Hole Size: 17-1/2 Casing Size: 13-3/8

Cemented with: 2630 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: TS

Production Casing

Hole Size: 12-1/4 Casing Size: 9-5/8

Cemented with: 2165 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circ

Total Depth: 16,240'

Injection Interval

14,745' feet to 16,240'

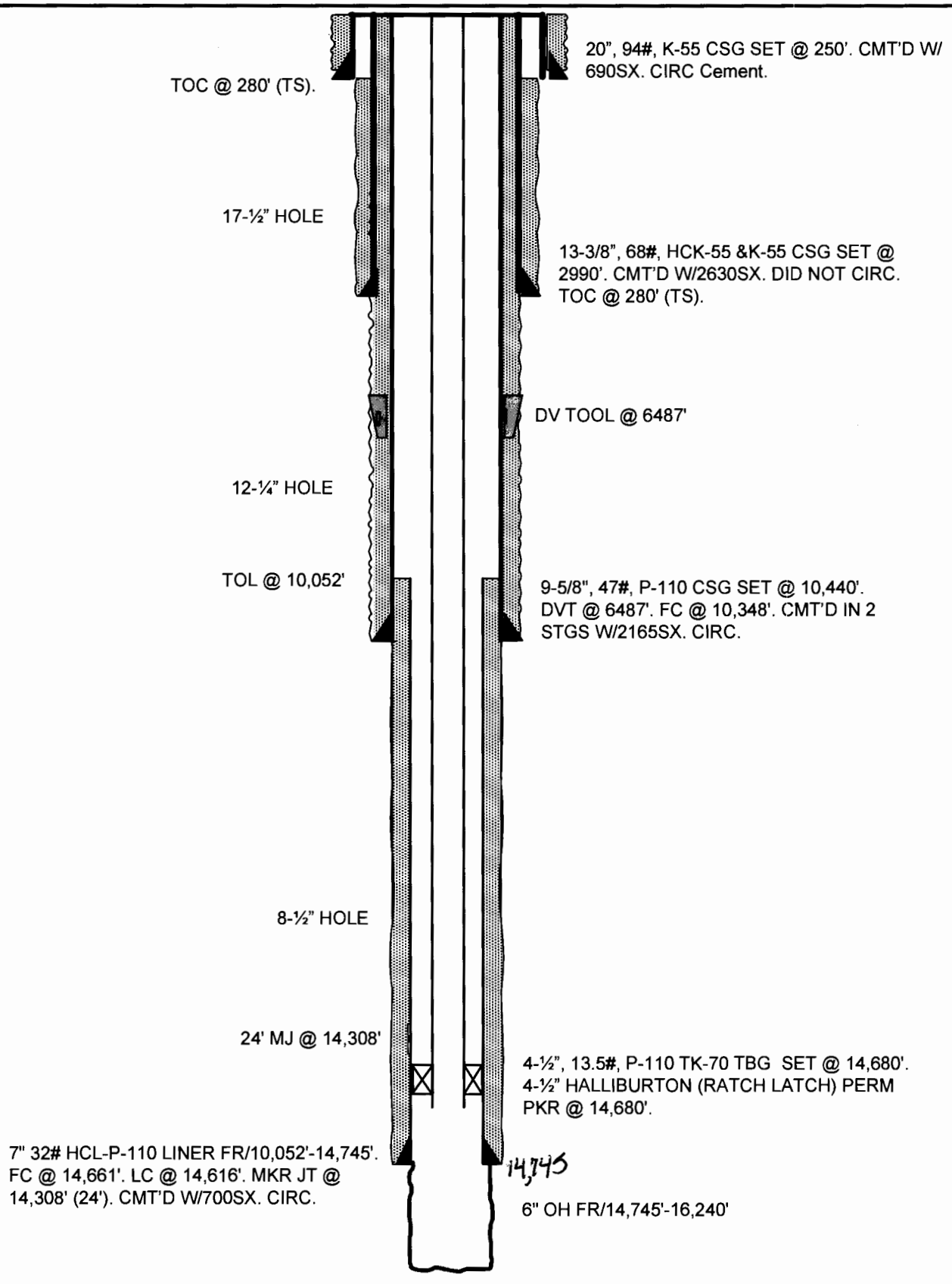
(Perforated or Open Hole; indicate which)

SHL: 800' FSL & 330' FEL,
Sec 6, 25S, 29E
SPUD DATE: 04/11/14
COMPL DATE:
API No: 30-015-41846
AFE/ID: 1309163/703930

GOLDENCHILD 6 STATE #1 SWD
DEVONIAN SWD COMPLETION
EDDY COUNTY, NM

ELEV: GL: 2999'
KB: 3016'

XTO ENERGY



PBTD 16,240'
TD 16,240'

XTO Energy Inc.

Goldenchild 6 State SWD #1
API #: 30-015-41846
800 FSL & 330 FEL, Sec 6, T25S, R29E
Eddy County, New Mexico
Re: C-108 (Application for Authorization to Inject)

Exhibit C

VII. Data for Proposed Operation

1. Proposed average & maximum daily rate & volume: 12,000 maximum, 5000 average
2. System is closed
3. Proposed Injection Pressure: 3000 maximum, 1500 average
4. The source of disposal fluids will be reinjected produced water from the 2nd Bone Spring formation & the Brushy Canyon formation.
5. Attached

VII. Geologic Data

1. Proposed zone is: Devonian
2. Geologic formation is the Devonian. The lithologic detail is cherty fractured limestone and dolomite with a thickness of 1770' and depth of 14,730-16,500'.
3. The Rustler is a known source of fresh water throughout this area. The average depth to the Rustler is 200-400'. There are no known sources of fresh water below the proposed disposal zone.

IX. Proposed Stimulation Program

The OH will be stimulated with 5000 gals 15% HCL to clean up near wellbore damage. No further stimulation is planned.

X. Well Test Information

Attached

XI. Chemical Analysis

Not aware of any fresh water wells within one mile of subject well.

XII. Geological Statement

XTO has examined all available geologic and engineering data in this area and finds no evidence of open faults or other hydrologic connections between the disposal zone and any potable aquifers. See attached.

XII. Proof of Notice

Proof of notice is on attached page.

XIV. Surface Owner

The land is the New Mexico State Land Office and has been notified via certified mail. See Exhibit D for more details

Multi-Chem Analytical Laboratory
1122 S. FM1788
Midland, TX 76706

multi-chem
A HALLIBURTON SERVICE

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **XTO ENERGY**
Well Name: **GOLDENCHILD 6 1**
Sample Point: **WH**
Sample Date: **2/18/2013**
Sample ID: **WA-235306**

Sales Rep: **Bruce Kelly**
Lab Tech: **LaTasha Cornish**

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specifics	
Test Date:	2/27/2013
System Temperature 1 (°F):	130.00
System Pressure 1 (psig):	132.6000
System Temperature 2 (°F):	75.10
System Pressure 2 (psig):	50.0000
Calculated Density (g/ml):	1.054
pH:	7.07
Calculated TDS (mg/L):	83987.55
CO2 in Gas (%):	
Dissolved CO_2 (mg/L)):	140.00
H_2S in Gas (%):	
H2S in Water (mg/L):	0.00

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	28141.68	Chloride (Cl):	51000.00
Potassium (K):	296.69	Sulfate (SO_4):	477.00
Magnesium (Mg):	970.05	Bicarbonate (HCO_3):	122.00
Calcium (Ca):	2626.50	Carbonate (CO_3):	
Strontium (Sr):	319.55	Acetic Acid (CH_3COO)	
Barium (Ba):	29.89	Propionic Acid (C_2H_5COO)	
Iron (Fe):	2.98	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	0.07	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	0.00	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	1.14	Silica (SiO_2):	

Notes:

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
75.00	50.00	0.09	3.17	1.87	17.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81.00	59.00	0.08	3.08	1.82	17.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
87.00	68.00	0.09	3.28	1.77	17.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93.00	77.00	0.10	3.69	1.73	17.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.00	86.00	0.12	4.24	1.68	17.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.00	95.00	0.14	4.89	1.64	17.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.00	105.00	0.16	5.61	1.60	17.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.00	114.00	0.18	6.38	1.56	17.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123.00	123.00	0.21	7.18	1.53	17.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	132.00	0.24	8.00	1.49	17.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
75.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81.00	59.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
87.00	68.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93.00	77.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.00	86.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.00	95.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.00	105.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.00	114.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123.00	123.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	132.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

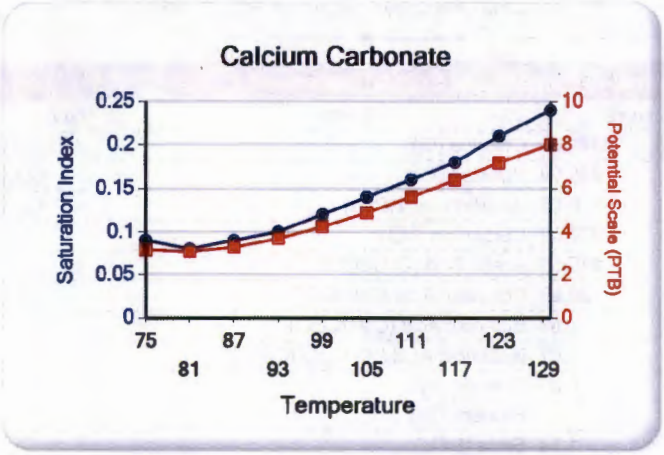
Multi-Chem Analytical Laboratory
1122 S. FM1788
Midland, TX 76706

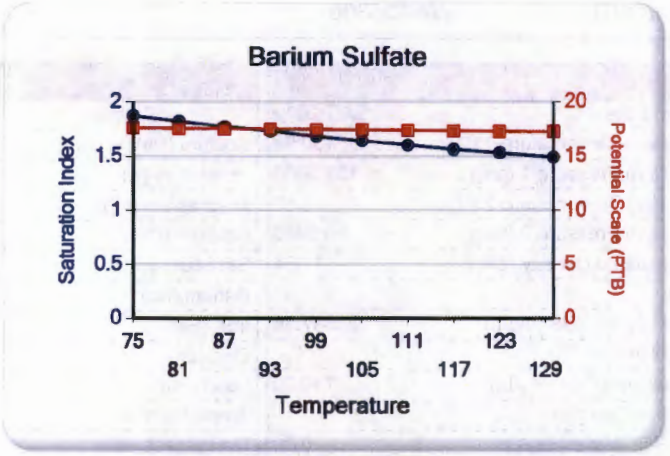
multi-chem
A HALLIBURTON SERVICE

Water Analysis Report

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate





Multi-Chem Analytical Laboratory
1122 S. FM1788
Midland, TX 76706

multi-chem
A HALLIBURTON SERVICE

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **XTO ENERGY**
Well Name: **MIS AMIGOS 1**
Sample Point: **WH**
Sample Date: **2/7/2013**
Sample ID: **WA-234093**

Sales Rep: **Bruce Kelly**
Lab Tech: **Bea Rodriguez**

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specifics	
Test Date:	2/12/2013
System Temperature 1 (°F):	130.00
System Pressure 1 (psig):	132.6000
System Temperature 2 (°F):	98.00
System Pressure 2 (psig):	50.0000
Calculated Density (g/ml):	1.092
pH:	6.61
Calculated TDS (mg/L):	145261.68
CO2 in Gas (%):	
Dissolved CO_2 (mg/L)):	430.00
H2S in Gas (%):	
H2S in Water (mg/L):	0.00

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	50007.89	Chloride (Cl):	88000.00
Potassium (K):	836.84	Sulfate (SO_4):	452.00
Magnesium (Mg):	583.29	Bicarbonate (HCO_3):	195.20
Calcium (Ca):	4848.46	Carbonate (CO_3):	
Strontium (Sr):	298.39	Acetic Acid (CH_3COO)	
Barium (Ba):	1.55	Propionic Acid (C_2H_5COO)	
Iron (Fe):	36.97	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	0.23	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	0.00	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	0.86	Silica (SiO_2):	

Notes:

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
98.00	50.00	0.81	30.55	0.23	0.38	0.00	0.00	0.37	9.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.00	59.00	0.83	31.21	0.21	0.35	0.00	0.00	0.40	10.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.00	68.00	0.86	31.85	0.19	0.32	0.00	0.00	0.43	11.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.00	77.00	0.88	32.46	0.16	0.29	0.00	0.00	0.47	11.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.00	86.00	0.90	33.06	0.14	0.25	0.00	0.00	0.50	12.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.00	95.00	0.93	33.62	0.12	0.22	0.00	0.00	0.53	13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.00	105.00	0.95	34.17	0.10	0.18	0.00	0.00	0.56	13.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.00	114.00	0.97	34.70	0.07	0.15	0.00	0.00	0.59	14.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.00	123.00	0.99	35.21	0.05	0.11	0.00	0.00	0.62	14.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	132.00	1.02	35.71	0.03	0.07	0.00	0.00	0.64	15.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
98.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.00	59.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.00	68.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.00	77.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.00	86.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.00	95.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.00	105.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.00	114.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.00	123.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	132.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

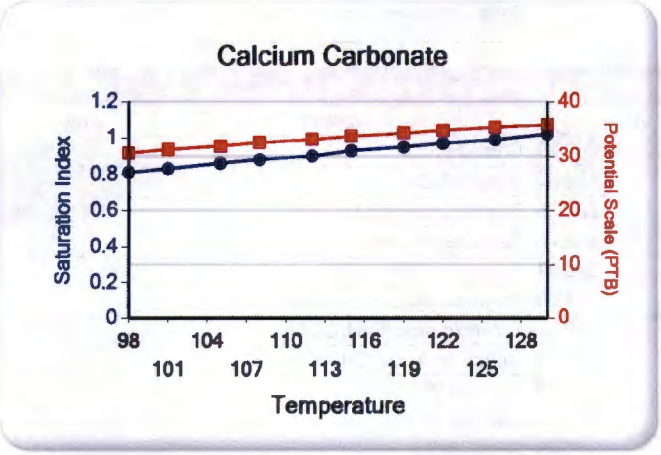
Multi-Chem Analytical Laboratory
1122 S. FM1788
Midland, TX 76706

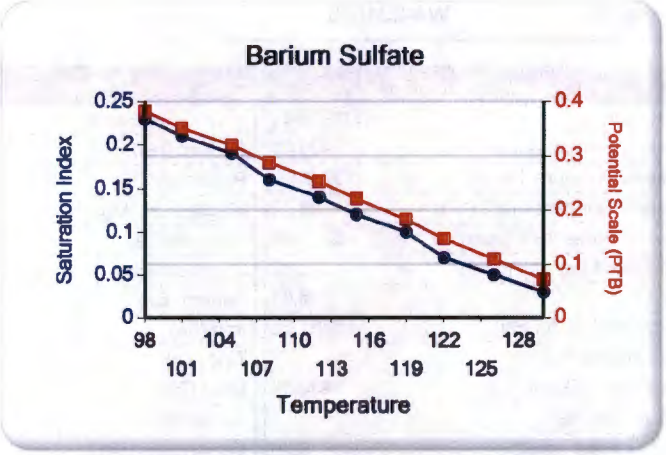
multi-chem
A HALLIBURTON SERVICE

Water Analysis Report

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate





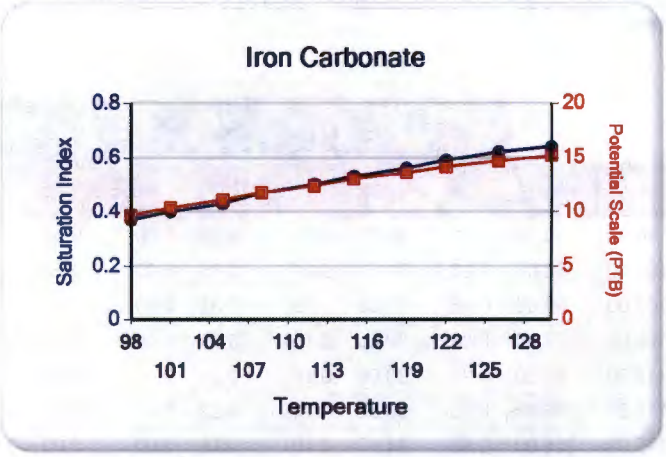
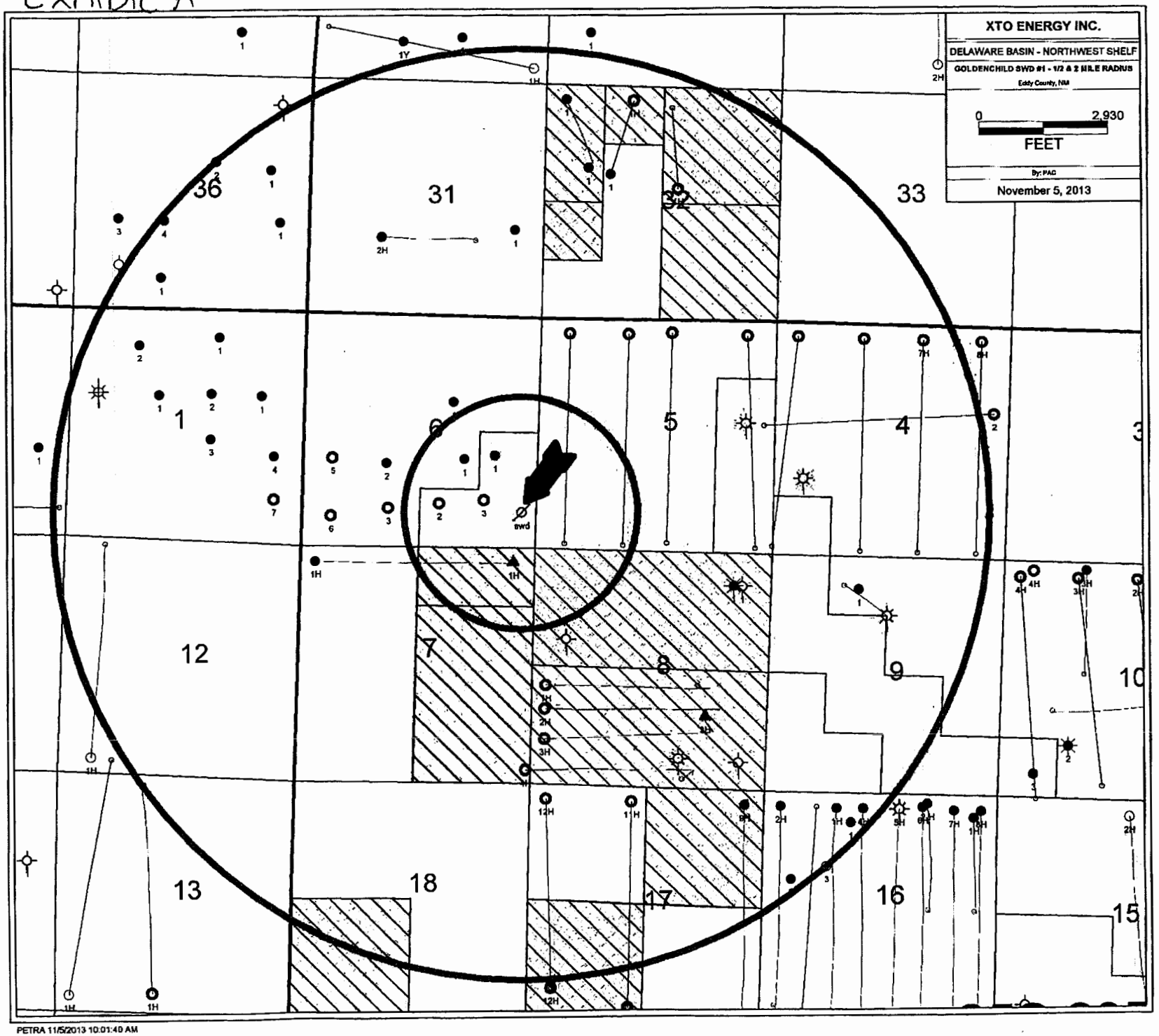


Exhibit A



PETRA 11/5/2013 10:01:40 AM

Exhibit B

Project Area: Goldenchild 6 State SWD #1
½ Mile Radius Well Table

Well Name	Well #	API #	TD	TOC / Ver Method	Spud Date	Comp Date	Pool	Status	Operator	N/S	E/W	Unit	Sec	Township	Range
Goldenchild 6 State	1	30-015-38544	6550	TOC: 3090'/CBL	10/2/2011	2/14/2012	Willow Lake; Delaware	Active - Oil	XTO Energy Inc	2080 South	990 East	I	6	25S	29E
Goldenchild 6 State	2	30-015-41732	5300	To Be Run	4/8/2014	In Process	Willow Lake; Delaware	Drilled; NC	XTO Energy Inc	990 South	2210 East	O	6	25S	29E
Rustler Bluff	1	30-015-34839	5200	TOC: 2337'/TS	11/14/2006	3/6/2007	Willow Lake; Delaware	Active - Oil	PPC Operating LLC	1980 South	1680 East	J	6	25S	29E
Showstopper 7 Federal Com	1H	30-015-36559	11,231	TOC: 680' / TS	6/24/2009	10/22/2009	Willow Lake;Bone Spring	Active - Oil	COG Operating, LLC	330 North	480 East	A	7	25S	29E

No Wells Within 1/2 Mile Penetrate the Injection/Disposal Zone

Exhibit D

Surface Owner:

New Mexico State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87501
Certified Mail Receipt No: 7011 3500 0001 7373 8183

Grazing Lessee:

Scott Branson
P.O. Box 1502
Carlsbad, NM 88221-1502
Certified Mail Receipt No: 7011 3500 0001 7373 8190

Offset Operators within ½ mile radius (active wells):

1. XTO Energy Inc (OGRID: 005380)
   200 N. Loraine St, Ste 800
   Midland, TX 79701

2. COG Operating LLC (OGRID: 229137)
   One Concho Center
   600 W. Illinois Ave
   Midland, TX 79701
   Certified Mail Receipt No: 7011 3500 0001 7373 8206

3. PPC Operating Company LLC (OGRID: 288774)
   4700 W. Sam Houston Pkwy N. Ste 140
   Houston, TX 77041
   Certified Mail Receipt No: 7011 3500 0001 7373 8213

Mineral Ownership:

1. Fee Title – State of New Mexico
   310 Old Santa Fe Trail
   Santa Fe, NM 87501
   Certified Mail Receipt No: 7011 3500 0001 7373 8183

2. Record Title – EOG Resources
   P.O. Box 2267
   Midland, TX 79702
   Certified Mail Receipt No: 7011 3500 0001 7373 8220

I, Stephanie Rabadue, do hereby certify that on July 31, 2014, the above and attached listed interest parties were mailed copies of the application to dispose of water in the Goldenchild 6 State SWD #1 well.

Stephanie Rabadue

Stephanie Rabadue
Regulatory Analyst

July 31, 2014

Re: Form C-108, Application for Authorization to Inject
Goldenchild 6 State SWD #1
API #: 30-015-41846
800 FSL & 330 FEL, Sec 6, T25S, R29E
Eddy County, New Mexico
Re: C-108 (Application for Authorization to Inject)

To: New Mexico State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87501

To Whom It May Concern:

This letter is to notify you XTO Energy, Inc has submitted to the Oil Conservation Division an application to amend existing salt water disposal permit (SWD-1458) for a change in disposal interval from 14,935-16,500' to 14,730'-16,500'. Our records indicate that you are the surface owners. Attached please find a copy of the application sent to the Oil Conservation Division for your review.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

If you have questions please contact me at:
Phone: 432-620-6714
E-mail: stephanie_rabadue@xtoenergy.com.

Sincerely,

Stephanie Rabadue

Stephanie Rabadue
Regulatory Analyst

July 31, 2014

Re: Form C-108, Application for Authorization to Inject
Goldenchild 6 State SWD #1
API #: 30-015-41846
800 FSL & 330 FEL, Sec 6, T25S, R29E
Eddy County, New Mexico
Re: C-108 (Application for Authorization to Inject)

To: Scott Branson
P.O. Box 1502
Carlsbad, NM 88221-1502

To Whom It May Concern:

This letter is to notify you XTO Energy, Inc has submitted to the Oil Conservation Division an application to amend existing salt water disposal permit (SWD-1458) for a change in disposal interval from 14,935-16,500' to 14,730'-16,500'. Our records indicate that you are the grazing lessee. Attached please find a copy of the application sent to the Oil Conservation Division for your review.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

If you have questions please contact me at:
Phone: 432-620-6714
E-mail: stephanie_rabadue@xtoenergy.com.

Sincerely,

Stephanie Rabadue

Stephanie Rabadue
Regulatory Analyst

July 31, 2014

Re: Form C-108, Application for Authorization to Inject
Goldenchild 6 State SWD #1
API #: 30-015-41846
800 FSL & 330 FEL, Sec 6, T25S, R29E
Eddy County, New Mexico
Re: C-108 (Application for Authorization to Inject)

To: COG Operating LLC (OGRID: 229137)
One Concho Center
600 W. Illinois Ave
Midland, TX 79701

To Whom It May Concern:

This letter is to notify you XTO Energy, Inc has submitted to the Oil Conservation Division an application to amend existing salt water disposal permit (SWD-1458) for a change in disposal interval from 14,935-16,500' to 14,730'-16,500'. Our records indicate that you are an offset operator within ½ mile. Attached please find a copy of the application sent to the Oil Conservation Division for your review.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

If you have questions please contact me at:
Phone: 432-620-6714
E-mail: stephanie_rabadue@xtoenergy.com.

Sincerely,

Stephanie Rabadue

Stephanie Rabadue
Regulatory Analyst

July 31, 2014

Re: Form C-108, Application for Authorization to Inject
Goldenchild 6 State SWD #1
API #: 30-015-41846
800 FSL & 330 FEL, Sec 6, T25S, R29E
Eddy County, New Mexico
Re: C-108 (Application for Authorization to Inject)

To: PPC Operating Company LLC (OGRID: 288774)
4700 W. Sam Houston Pkwy N. Ste 140
Houston, TX 77041

To Whom It May Concern:

This letter is to notify you XTO Energy, Inc has submitted to the Oil Conservation Division an application to amend existing salt water disposal permit (SWD-1458) for a change in disposal interval from 14,935-16,500' to 14,730'-16,500'. Our records indicate that you are an offset operator within ½ mile. Attached please find a copy of the application sent to the Oil Conservation Division for your review.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

If you have questions please contact me at:
Phone: 432-620-6714
E-mail: stephanie_rabadue@xtoenergy.com.

Sincerely,

Stephanie Rabadue

Stephanie Rabadue
Regulatory Analyst

July 31, 2014

Re: Form C-108, Application for Authorization to Inject
Goldenchild 6 State SWD #1
API #: 30-015-41846
800 FSL & 330 FEL, Sec 6, T25S, R29E
Eddy County, New Mexico
Re: C-108 (Application for Authorization to Inject)

To: EOG Resources
P.O. Box 2267
Midland, TX 79702

To Whom It May Concern:

This letter is to notify you XTO Energy, Inc has submitted to the Oil Conservation Division an application to amend existing salt water disposal permit (SWD-1458) for a change in disposal interval from 14,935-16,500' to 14,730'-16,500'. Our records indicate that you are the mineral owner. Attached please find a copy of the application sent to the Oil Conservation Division for your review.

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

If you have questions please contact me at:
Phone: 432-620-6714
E-mail: stephanie_rabadue@xtoenergy.com.

Sincerely,

Stephanie Rabadue

Stephanie Rabadue
Regulatory Analyst

JUL 28 2014

Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

Kathy McCarroll, being first duly sworn, on oath says:

That she is the Classified Supervisor 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:

July 22 2014

That the cost of publication is **$72.07** and that payment thereof has been made and will be assessed as court costs.

Kathy McCarroll

Subscribed and sworn to before me this

24 day of July, 2014

Cynthia Arredondo

My commission Expires on 2/13/17

Notary Public

OFFICIAL SEAL
Cynthia Arredondo
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 2/13/17

July 22, 2014

NOTICE OF APPLICATION FOR FLUID DISPOSAL WELL PERMIT

XTO Energy, Inc., OGRID No. 005380, 200 N. Loraine Street, Suite 800, Midland, Texas 79701 is applying to the New Mexico Oil and Gas Conservation Division to permit a salt water disposal well into a formation that is productive of oil and gas.

The applicant proposes to amend Administrative Order SWD-1458, a salt water disposal permit into a productive zone (Devonian), for the Goldenchild 6 State SWD #1 well in the Goldenchild 6 State lease. The well is located 800 FSL & 330 FEL, Unit Ltr. P, Section 6, Township 25S, Range 29E, Eddy County, New Mexico. Fluid will be disposed into strata in the subsurface depth interval from 14,730' to 16,500' with a maximum injection rate of 15,000 BWPD and a maximum injection pressure of 2936psi. Please find attached C-108, Application for Authorization to Inject.

shoe at 14,745'

All interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505, within 15 days.

XTO ENERGY

1/2/2014

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

Re: C-108 Application for Authorization to Inject

To Whom it May Concern:

XTO Energy, Inc has examined the geologic data in connection with Goldenchild 6 State SWD #1 (a well to be located 800 FSL & 330 FEL, Unit P, Section 6, T25S, R29E in Eddy County NM) and has determined that there are no open faults or other hydrologic connections between the disposal zone and any underground drinking water/potable aquifers.

Sincerely,

Brian Henthorn
Geologist
XTO Energy, an ExxonMobil Subsidiary
810 Houston St.
Fort Worth, TX 76102