

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 _____

*- SWD
- Devon Energy
Production Company,
LP
6137*

*Well
- Schulwolf 165 WD
#1*

*30-025 - 4216/
Pool*

*- SWD; Devonian An-
S. L. L. An-
97869*

[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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[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.

Stephanie A. Porter
Print or Type Name

Signature

Operations Technician
Title

Date

Stephanie.Porter@dvn.com
e-mail Address

10/09/2014

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: _____ 333 West Sheridan Avenue, Oklahoma City, Oklahoma 73102-5010 _____
CONTACT PARTY: _____ Stephanie A. Porter _____ PHONE: _____ 405-552-7802
- 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: _____ Stephanie A. Porter _____ TITLE: _____ Operations Technician _____
SIGNATURE: _____ DATE: _____ 10/09/2014 _____
E-MAIL ADDRESS: _____ Stephanie.Porter@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: _____

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.

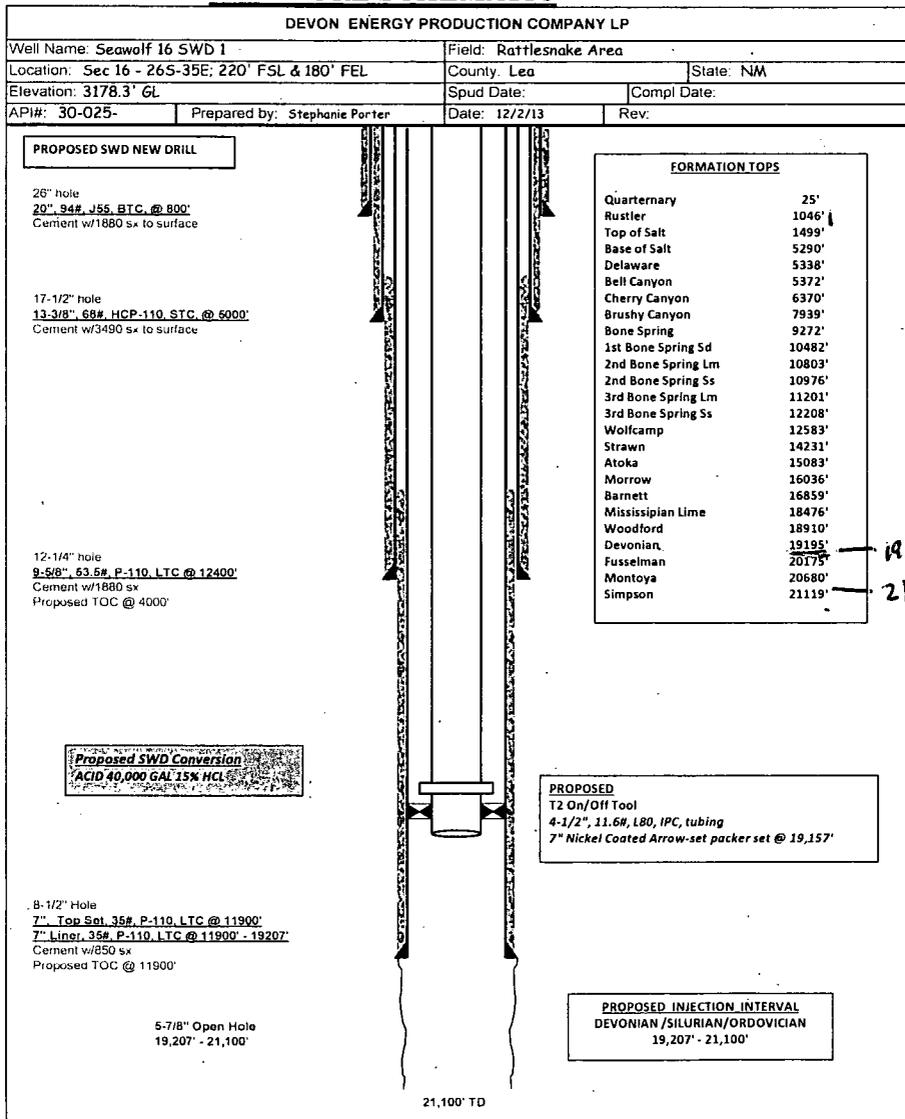
INJECTION WELL DATA SHEET

OPERATOR: Devon Energy Production Company, LP

WELL NAME & NUMBER: SEAWOLF 16 SWD 1

WELL LOCATION: 220' FSL & 180' FEL P 16 Sec 16 T26S R35E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 26" Casing Size: 20", 94# @ 800'
 Cemented with: 1880 sx. *or* _____ ft³
 Top of Cement: Surface Method Determined: Circ. cement

Intermediate Casing

Hole Size: 17-1/2" Casing Size: 13-3/8", 68#, @ 5000'
 Cemented with: 3490 sx. *or* _____ ft³
 Top of Cement: Surface Method Determined: Circ. cement

Intermediate Casing

Hole Size: 12-1/4" Casing Size: 9-5/8", 53.5#, @ 12400'
 Cemented with: 1930 sx. *or* _____ ft³
 Top of Cement: 4000' Method Determined: Calc TOC

Production Casing

Hole Size: 8-1/2" Casing Size: 7", 35#, @ 18000'
 Cemented with: 850 sx. *or* _____ ft³
 Top of Cement: TOC @ 11900' Method Determined: Calc TOC

Total Depth: 21100'

Injection Interval (Open Hole)

19207' to 21100'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 4-1/2" Lining Material: IPC

Type of Packer: 7" Nickel Coated Arrowset Packer

Packer Setting Depth: +/- 19,157'

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

Additional Data

1. Is this a new well drilled for injection? Yes

If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Devonian/Silurian/Ordovician

3. Name of Field or Pool (if applicable): (to be assigned)

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. n/a

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

Rustler 1046 (Barren); Top of Salt 1499 (Barren); Base of Salt 5290 (Barren); Delaware 5338 (Oil); Bell Canyon 5372 (Oil); Cherry Canyon 6370 (Oil); Brushy Canyon 7939 (Oil); Bone Spring 9282 (Oil/Gas); 1st Bone Spring Sd 10482 (Oil); 2nd Bone Spring Lm 10803 (Oil); 2nd Bone Spring Ss 10976 (Oil); 3rd Bone Spring Lm 11201 (Oil); 3rd Bone Spring Ss 12208 (Oil); Wolfcamp 12583 (Gas); Strawn 14231 (Gas); Atoka 15083 (Gas); Morrow 16036 (Gas); Barnett 16859 (Barren); Mississippian Lime 18476 (Barren); Woodford 18910 (Barren); Devonian 19195 (Barren); Fusselman 20175 (Barren); Montoya 20680 (Barren); Simpson 21119 (Barren); Ellenburger 21735 (Barren)

Proposed Injection Well: Seawolf 16 SWD #1

API: 30-025-

APPLICATION FOR INJECTION

Form C-108 Section III

III. Well Data--On Injection Well

A. Injection Well Information

- (1) **Lease** Seawolf 16 SWD
Well No #1
Location 220' FSL & 180' FEL
Sec, Twn, Rnge Sec 16-T26S-R35E
Cnty, State Lea County, NM

- (2) **Casing** 20", 94#, J55, BTC, @ 800'
Cmt'd w/1880 sx, circ cmt to surf

13-3/8", 68#, HCP-110, STC, @ 5000'
Cmt'd w/3490 sx, circ cmt to surf

9-5/8", 53.5#, HCP-110, LTC @ 12,400'
Cmt'd w/1880, proposed toc @ 4000'

7" top set, 35#, P110, LTC @ 11900'
7" Liner, 35#, P110, LTC @ 19207'
Cmt w/850 sx, prop tol @ 11900'

- (3) **Injection Tubing** 4 -1/2" 11.6# L-80 IPC injection tubing

- (4) **Packer** 7" Nickel Coated Arrowset Packer @ +/- 19157'

B. Other Well Information

- (1) **Injection Formation:** Devonian/Silurian/Ordovician
Field Name: (to be assigned)

- (2) **Injection Interval:** 19207 - 21100'

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

Drill and convert to SWD

(4) **Other perforated intervals:**

n/a

(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.**

Rustler 1046 (Barren); Top of Salt 1499 (Barren); Base of Salt 5290 (Barren); Delaware 5398 (Oil); Bell Canyon 5372 (Oil); Cherry Canyon 6370 (Oil); Brushy Canyon 7939 (Oil); Bone Spring 9282 (Oil/Gas); 1st Bone Spring Sd 10482 (Oil); 2nd Bone Spring Lm 10803 (Oil); 2nd Bone Spring Ss 10976 (Oil); 3rd Bone Spring Lm 11201 (Oil); 3rd Bone Spring Ss 12208 (Oil); Wolfcamp 12583 (Gas); Strawn 14231 (Gas); Atoka 15083 (Gas); Morrow 16036 (Gas); Barnett 16859 (Barren); Mississippian Lime 18476 (Barren); Woodford 18910 (Barren); Devonian 19195 (Barren); Fusselman 20175 (Barren); Montoya 20680 (Barren); Simpson 21119 (Barren); Ellenburger 21735 (Barren)

Proposed Injection Well: Seawolf 16 SWD #1

API: 30-025-

APPLICATION FOR INJECTION

Form C-108 Section VII to XIII

VII Attach data on the proposed operation, including:

- (1) Proposed average injection rate: 10000 BWPD
Proposed maximum injection rate: 20000 BWPD
- (2) The system will be a closed system.
- (3) Proposed average injection pressure: 1921 psi
Proposed max injection pressure: 3841 psi $=(2)(19207)$
- (4) The injection fluid will be produced water from area wells producing from the Bone Spring and/or Delaware formation that will be injected into the Devonian/Silurian/Ordovician.
- (5) A representative water analysis is submitted for the Bone Spring formation.

VIII Geologic Injection Zone Data

The injection zone is the Devonian/Silurian/Ordovician formation from 19207' to 21100'. The gross injection interval is 1893' thick. The average depth to fresh water is 150' in this area.

IX Proposed Stimulation

Based on injectivity results this interval could be acid stimulated.

X Log Data

Logs will be submitted to the OCD.

XI Fresh Water Analysis

No water wells were found in this area.

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.

See supporting documentation and summary.



Craig Harran, Geologist
Direct #: (405)-228-7711
Cell #: (405)-626-2369

9/25/14
Date:

XIII Proof of notice to surface owner, and public legal notification are attached.

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: Seawolf 16 SWD 1		Field: Rattlesnake Area	
Location: Sec 16 - 26S-35E; 220' FSL & 180' FEL		County: Lea	State: NM
Elevation: 3178.3' GL		Spud Date:	Compl Date:
API#: 30-025-	Prepared by: Stephanie Porter	Date: 12/2/13	Rev:

PROPOSED SWD NEW DRILL

26" hole
20", 94#, J55, BTC, @ 800'
 Cement w/1880 sx to surface

17-1/2" hole
13-3/8", 68#, HCP-110, STC, @ 5000'
 Cement w/3490 sx to surface

12-1/4" hole
9-5/8", 53.5#, P-110, LTC @ 12400'
 Cement w/1880 sx
 Proposed TOC @ 4000' -

Proposed SWD Conversion
ACID 40,000 GAL 15% HCL

8-1/2" Hole
7", Top Set, 35#, P-110, LTC @ 11900'
7" Liner, 35#, P-110, LTC @ 11900' - 19207'
 Cement w/850 sx
 Proposed TOC @ 11900'

5-7/8" Open Hole
 19,207' - 21,100'

21,100' TD

1000' tie

500' tie

*12400
11900*

FORMATION TOPS

Quaternary	25'
Rustler	1046'
Top of Salt	1499'
Base of Salt	5290'
Delaware	5338'
Bell Canyon	5372'
Cherry Canyon	6370'
Brushy Canyon	7939'
Bone Spring	9272'
1st Bone Spring Sd	10482'
2nd Bone Spring Lm	10803'
2nd Bone Spring Ss	10976'
3rd Bone Spring Lm	11201'
3rd Bone Spring Ss	12208'
Wolfcamp	12583'
Strawn	14231'
Atoka	15083'
Morrow	16036'
Barnett	16859'
Mississippian Lime	18476'
Woodford	18910'
Devonian	19195'
Fusselman	20175'
Montoya	20680'
Simpson	21119'

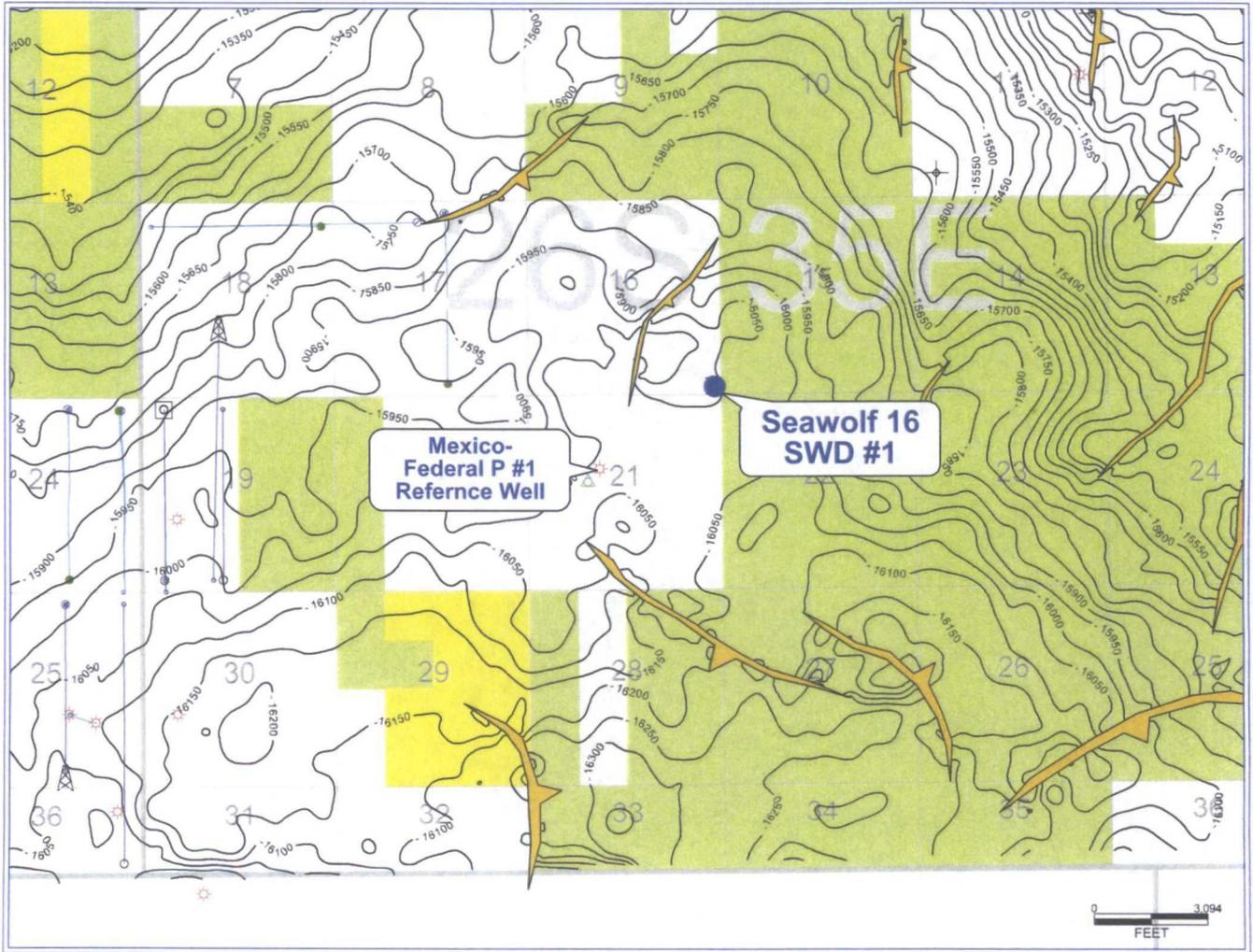
PROPOSED

T2 On/Off Tool
 4-1/2", 11.6#, L80, IPC, tubing
 7" Nickel Coated Arrow-set packer set @ 19,157'

PROPOSED INJECTION INTERVAL
 DEVONIAN/SILURIAN/ORDOVICIAN
 19,207' - 21,100'

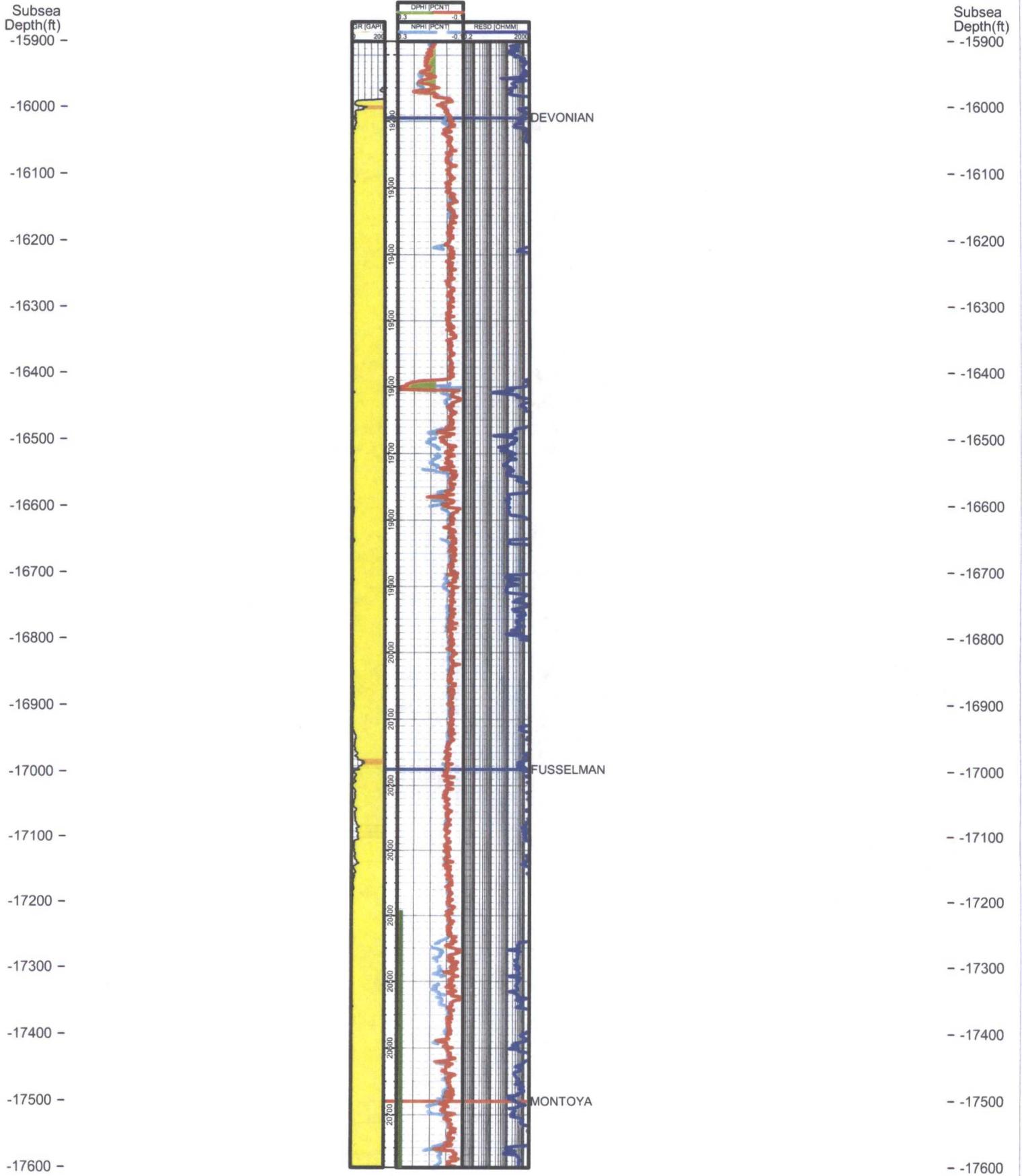
The proposed Seawolf 16 SWD #1 is a Siluro-Devonian injection well that will target injecting produced water into the Devonian, Fusselman, and Montoya Formations. Attached in Figure 1 is a top of Devonian structure map (in feet Mean Sea Level) that shows the location of the Seawolf SWD #1 in Section 16 of 26S-35E in the central part of Arena Roja. There is a mapped zone of displacement at a distance of 2275' to the northwest of the proposed Seawolf 16 SWD #1, which may either be a stratigraphic change in the Devonian of 150', or a fault which penetrates the Devonian but does not penetrate the Fusselman Formation below it. Approximately a mile away to the northwest, southwest, and east are three mapped faults that do penetrate basement, but are believed to be too far away from the Seawolf 16 SWD #1 to be in communication with it.

Attached in Figures 2a and 2b are the logs for the Mexico-Federal P #1 reference well (~3800' to the southwest), which was split in two over the proposed injection zone for ease of viewing. To the left of the depth track is gamma ray, with porosity and resistivity to the right, respectively. Figure 2a shows the top of the Devonian to the top of the Montoya Formation, and Figure 2b shows the top of the Montoya to base of the Ellenburger Formation, which is essentially Pre-Cambrian basement at 22,926'. It should be noted that the proposed Seawolf 16 SWD #1 will only penetrate to the base of the Montoya Formation and will not enter the Simpson Formation, which is approximately 615' thick (hence the Seawolf 16 SWD #1 will TD approximately 615' above the top of the Ellenburger). The lithology of the proposed injection intervals is predominately limestone and dolomite, with fractures providing the main porosity and permeability that will take injection water. The proposed injection interval is ~1,893 feet (19,207'-21,100') in the Seawolf 16 SWD #1, which could be modified based on drilling results or log data which indicate high porosity zones in limestone or dolomite due to fractures.

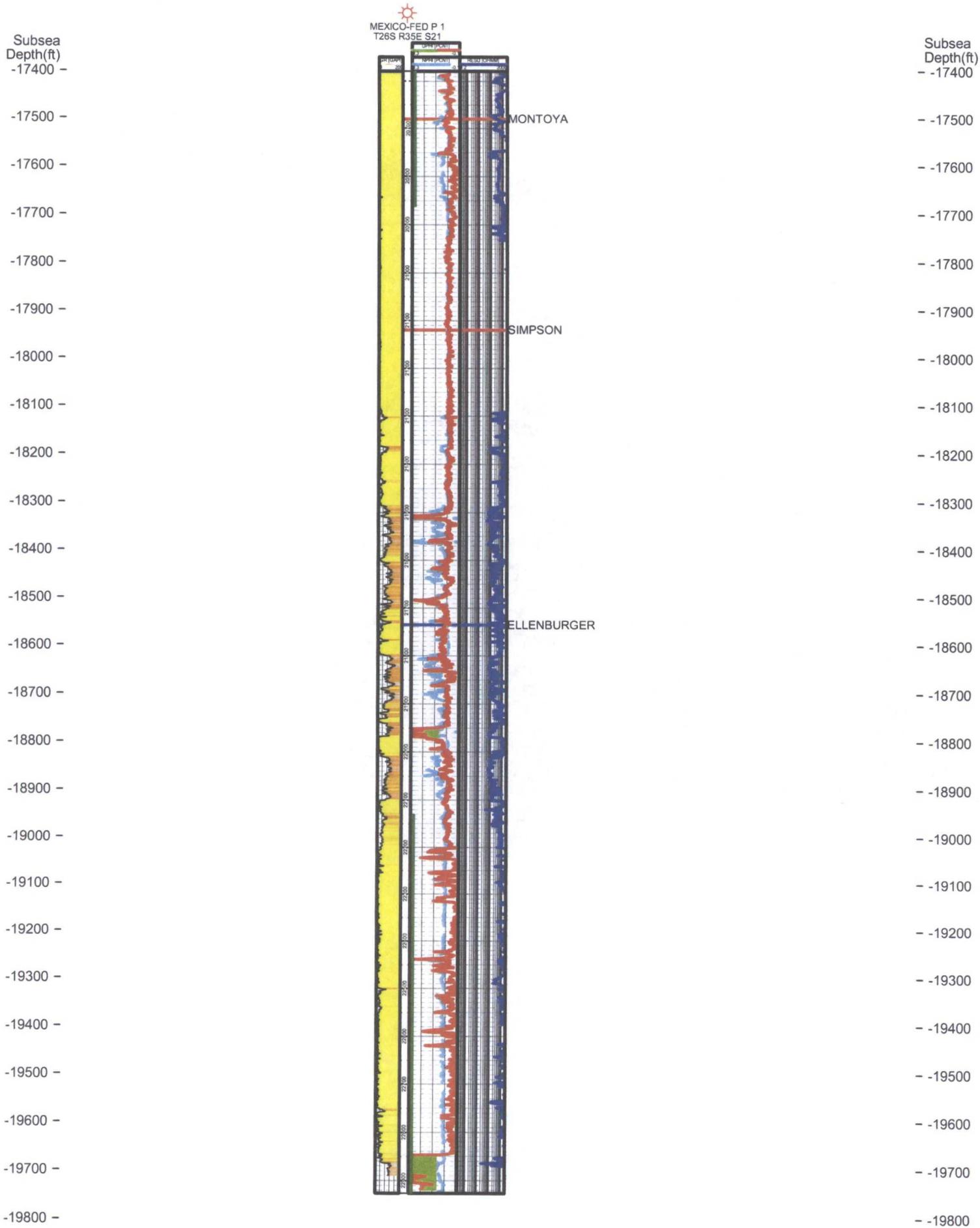


Permian Basin - Southeast New Mexico Master Database

MEXICO-FED P 1
T26S R35E S21



Permian Basin - Southeast New Mexico Master Database



DEVON ENERGY PRODUCTION COMPANY LP

Well Name: Seawolf 16 SWD 1		Field: Rattlesnake Area	
Location: Sec 16 - 26S-35E; 220' FSL & 180' FEL		County: Lea	State: NM
Elevation: 3178.3' GL		Spud Date:	Compl Date:
API#: 30-025-	Prepared by: Stephanie Porter	Date: 12/2/13	Rev:

PROPOSED SWD NEW DRILL

26" hole
20", 94#, J55, BTC, @ 800'
 Cement w/1880 sx to surface

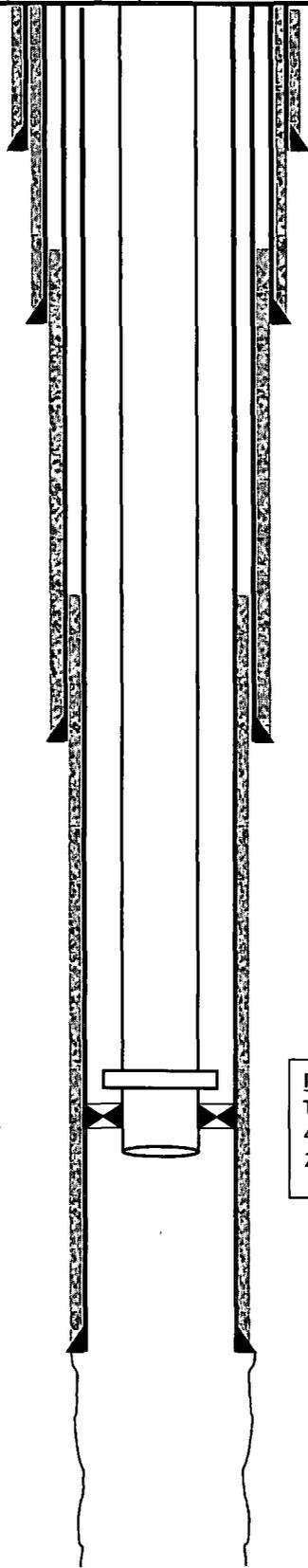
17-1/2" hole
13-3/8", 68#, HCP-110, STC, @ 5000'
 Cement w/3490 sx to surface

12-1/4" hole
9-5/8", 53.5#, P-110, LTC @ 12400'
 Cement w/1880 sx
 Proposed TOC @ 4000'

Proposed SWD Conversion
ACID 40,000 GAL 15% HCL

8-1/2" Hole
7", Top Set, 35#, P-110, LTC @ 11900'
7" Liner, 35#, P-110, LTC @ 11900' - 19207'
 Cement w/850 sx
 Proposed TOC @ 11900'

5-7/8" Open Hole
19,207' - 21,700'



FORMATION TOPS

Quarternary	25'
Rustler	727'
Top of Salt	990'
Castille	3531'
Base of Salt	4911'
Delaware	5191'
Bell Canyon	5236'
Cherry Canyon	6216'
Brushy Canyon	7743'
Bone Spring	9342'
1st Bone Spring Sd	10520'
2nd Bone Spring Lm	10575'
2nd Bone Spring Ss	11058'
3rd Bone Spring Lm	11584'
3rd Bone Spring Ss	12124'
Wolfcamp	12490'
Pennsylvanian	14602'
Strawn	14887'
Atoka	15391'
Morrow	16271'
Barnett	16926'
Mississippian Lime	18591'
Woodford	18925'
Devonian	19207'
Fusselman	20099'
Montoya	20596'
Simpson	21014'

PROPOSED
T2 On/Off Tool
4-1/2", 11.6#, L80, IPC, tubing
7" Nickel Coated Arrow-set packer set @ 19,157'

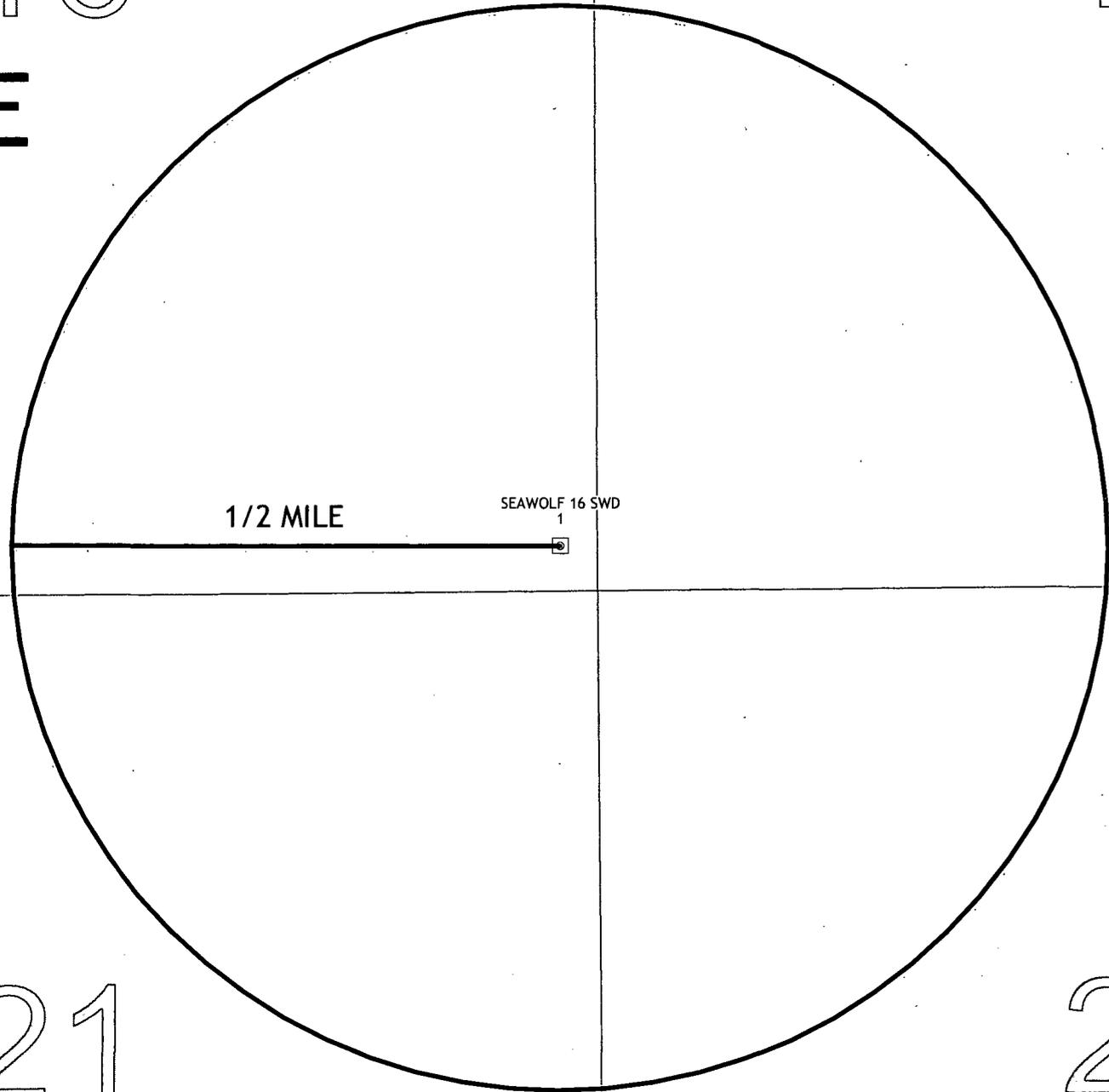
PROPOSED INJECTION INTERVAL
DEVONIAN /SILURIAN/ORDOVICIAN
19,207' - 21,700'

21,700' TD

16

15

26S 35E



1/2 MILE

SEAWOLF 16 SWD
1


devon

SEAWOLF 16 SWD 1

1/2 Mile Radius Map



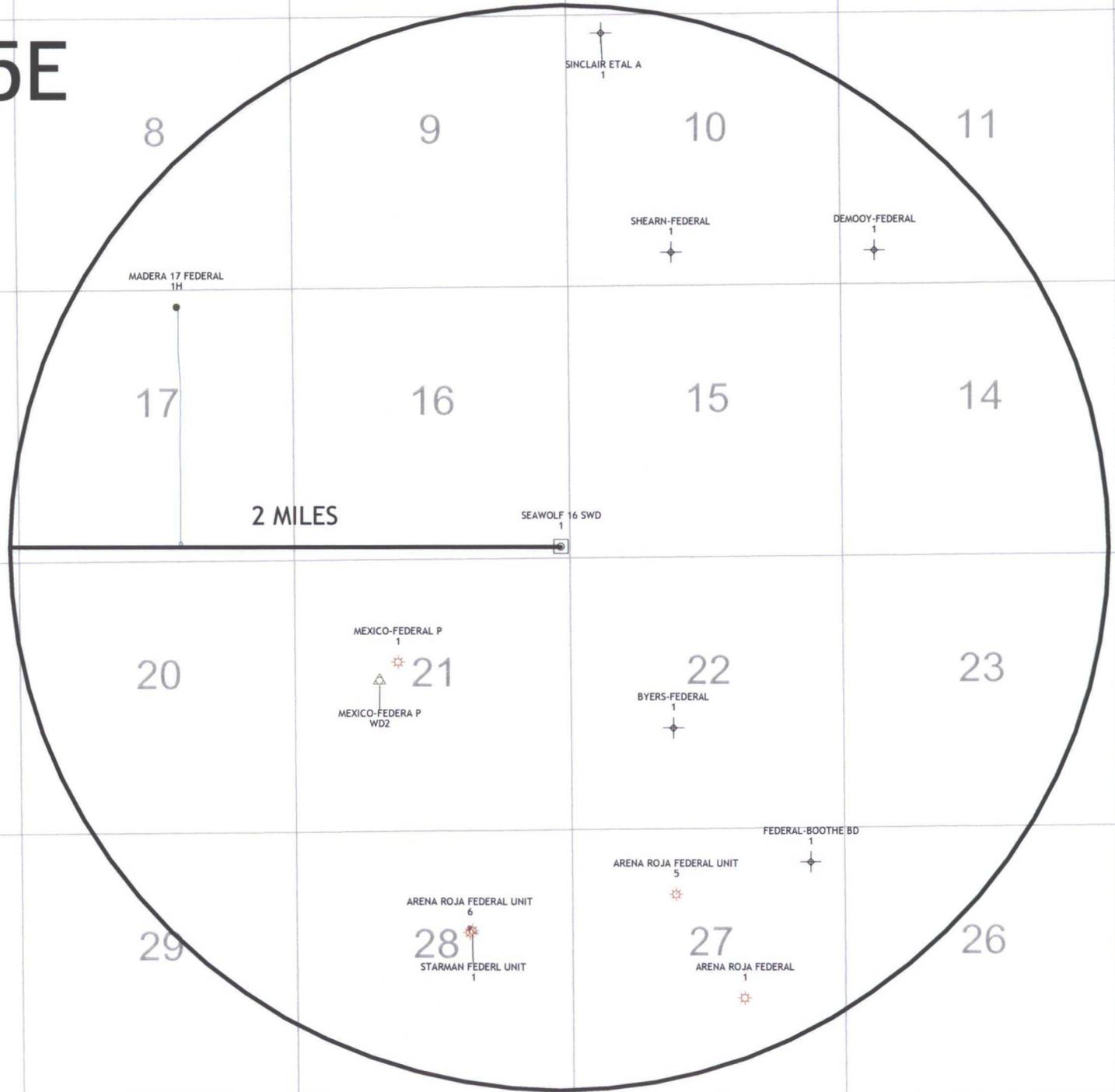
WELL SYMBOLS
PROPOSED

By: Natalie Daab, Updated 09/25/2014

21

22

26S 35E



SEAWOLF 16 SWD 1

2 Mile Radius Map



- WELL SYMBOLS
- DRY AND ABANDONED WELL
 - GAS PRODUCING WELL
 - OIL PRODUCING WELL
 - PROPOSED
 - SERVICE WELL

By: Natalie Daab; Updated 09/25/2014

Section XIV--Proof of Notice to Leasehold Operators
 Devon Energy Prod Co LP
 C108 Application For Injection
 Proposed Well: SEAWOLF 16 SWD 1

Proof of Notice to Leasehold Operators within 1/2 mile of Seawolf 16 SWD #1

Jumbo American Petroleum Corporation c/o W.F. Christensen Casa del Cerro – 12 Mid Ocean Drive Truckers Town Bermuda HS 02	Certified receipt No. 7008 1830 0003 1896 6985	Pamela K. Clements 520 Shirley Ct. Richardson, TX 75081	Certified receipt No. 7008-1140-0004-6108-7522
Legacy Reserves Operating, LP 303 W. Wall, Suite 1800 Midland, TX 79701	Certified receipt No. 7008-1830-0003-1986-6978	Starboard Resources, Inc. 300 E. Sonterra Blvd. San Antonio, TX 78258	Certified receipt No. 7008-1140-0004-6108-7539
Chevron U.S.A. Inc. 1400 Smith Street Houston, TX 77002	Certified receipt No. 7008-1830-0003-1986-6961	Impetro Operating, LLC 300 E. Sonterra Blvd., San Antonio, TX 78258	Certified receipt No. 7008-1840-0004-6108-7515
Chesapeake Exploration, LLC P.O. Box 18496 Oklahoma City, OK 73154	Certified receipt No. 7008-1830-0003-1986-6954	Permian Atlantis LLC 6630 Cypresswood Dr., Suite 200 Spring, TX 77379	Certified receipt No. 7008-1830-0002-7421-7327
Centran Corporation 1200 Travis, Suite 2330 Houston, TX 77002	Certified receipt No. 7008-1830-0003-1986-6909	Herritage Consolidated LLC 2911 Turtle Creek Blvd. Suite 850 Dallas, TX 75219	Certified receipt No. 7008-1830-0002-7421-7310
Barking Dog Enterprises, Inc. 6212 Wolf Ridge Drive Plano, TX 75024	Certified receipt No. 7008-1830-0003-1986-6923	Yates Petroleum Corporation 105 S. Fourth Street Artesia, New Mexico 88210-8260	Certified receipt No. 7008-1830-0002-7421-7303
O. Frank Millwood. 9722 Queenswood Drive Dallas, TX 75238	Certified receipt No. 7008-1830-0003-1986-6930	ABCO Petroleum Corporation 105 S. Fourth Street Artesia, New Mexico 88210	Certified receipt No. 7008-1830-0002-7421-7280
J.D. Enterprises c/o Mickey Dobson OGE Drilling USA, Inc. 550 West Texas, Suite 1140 Midland, Texas 79701	Certified receipt No. 7008-1830-0003-1986-6947	Myco Industries, Inc. 105 S. Fourth Street Artesia, New Mexico 88210	Certified receipt No. 7008-1830-0002-7421-7297
Gary L. Todd 710 Vail Drive Arlington, TX 76012	Certified receipt No. 7008-1830-0003-1986-6893	Pennwell Energy, Inc 600 N. Marienfield, #1100 Midland, TX 79701	Certified receipt No. 7008-1830-0002-7421-7273
Enriqueta Garrett 5710 Antares Court Dallas, TX 75252	Certified receipt No. 7008-1140-0004-6108-7584		

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 Seawolf 16 SWD 1.

Date Mailed:

Signature:

Stephanie A. Porter, Operations Technician
 Devon Energy Production Co., L.P.
 333 West Sheridan Avenue
 Oklahoma City, OK 73102

Date:

Section XIV--Proof of Notice to Surface Land Owner
Devon Energy Prod Co LP
C108 Application For Injection
Proposed Well: SEAWOLF 16 SWD 1

Proof of Notice to Surface Land Owner of well location site.

New Mexico State Land Office
Attn: Surface Division
P.O. Box 1148
Santa Fe, New Mexico 87504

Certified receipt No.
7008 1830 0003 1986 6992

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 Seawolf 16 SWD #1.

Date Mailed: 6/6/2014

Signature: [Handwritten Signature]

Date: 6/6/2014

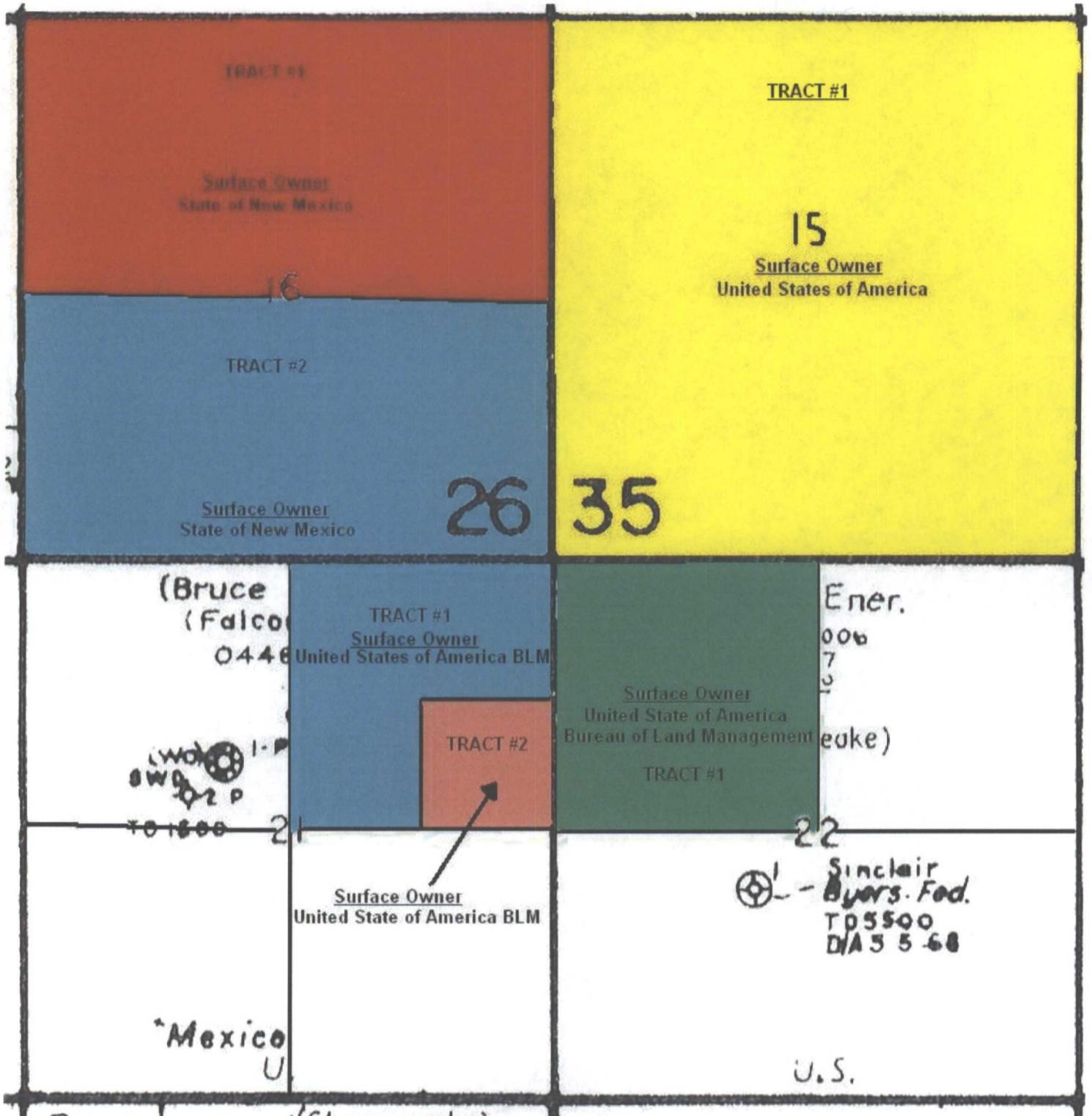
Stephanie A. Porter, Operations Technician
Devon Energy Production Co., L.P.
333 West Sheridan Avenue
Oklahoma City, OK 73102



P.O. Box 2691 88202-2691
 1510 W. Second Street
 Roswell, NM 88201
 Telephone (575) 625-8807
 Fax (575) 625-8827

Prospect Name: Seawolf 16 SWD 1
 Section 15, 16, 21, 22 Township 26 South Range 35 East Survey NMPM
 County Lea State New Mexico

Surface Owner



SECTION 15
 Date: 6/5/2014
 Tract #1: ALL

SECTION 16
 Date: 5/20/2014
 Remarks: Tract #1: N/2
Tract #2: S/2

SECTION 21
 Date: 9/3/2014 (Federal), 8/29/2014 (County)
 Book/Page: 1862/503
 Remarks: Tract #1: NE/4NE/4, W/2NE/4
Tract #2: SE/4NE/4

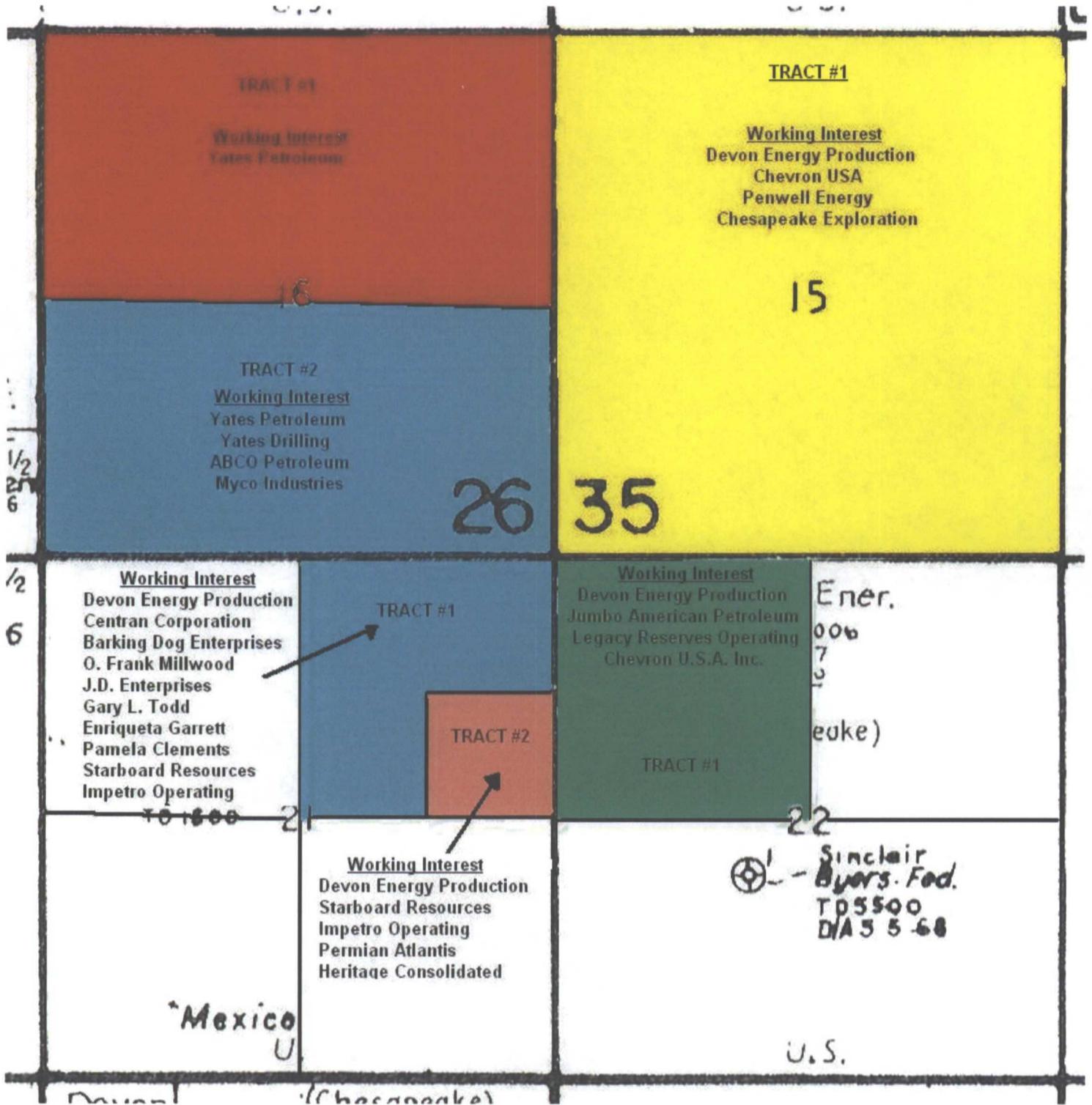
SECTION 22
 Date: 9/3/2014
 Book/Page: 1898/842
 Remarks: Tract #1: NW/4



P.O. Box 2691 88202-2691
 1510 W. Second Street
 Roswell, NM 88201
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Prospect Name: Seawolf 16 SWD 1
 Section 15, 16, 21, 22 Township 26 South Range 35 East Survey NMPM
 County Lea State New Mexico

Working Interest



SECTION 15

Date: 6/5/2014
 Tract #1: ALL

SECTION 16

Date: 5/20/2014
 Remarks: Tract #1: N/2
Tract #2: S/2

SECTION 21

Date: 9/3/2014 (Federal), 8/29/2014 (County)
 Book/Page: 1862/503
 Remarks: Tract #1: NE/4NE/4, W/2NE/4
Tract #2: SE/4NE/4

SECTION 22

Date: 9/3/2014
 Book/Page: 1898/842
 Remarks: Tract #1: NW/4



P.O. BOX 2691
1510 West Second Street
Roswell, NM 88201
Telephone (575)625-8807 • Fax (575)625-8827

PROSPECT: Seawolf 16 SWD 1
TRACT: 1

Township 26 South, Range 35 East, NMPM
Section 22: NW/4
Lea County, New Mexico

Record Date: 9/3/2014 (Federal), 9/8/2014 (County)

We have determined the following individuals and/or companies are probable working interest owners and/or operators, based solely from a cursory check:

(1.)

Devon Energy Production Company, LP
20 N. Broadway
Oklahoma City, OK 73102

(2.)

Jumbo American Petroleum Corporation
c/o W.F. Christensen
Casa del Cerro
12 Mid Ocean Drive
Tuckers Town
Bermuda HS 02

(3.)

Legacy Reserves Operating, LP
303 W. Wall, Suite 1800
Midland, TX 79701

(4.)

Chevron U.S.A. Inc.
1400 Smith Street
Houston, TX 77002

The following is the surface owner:

United State of America
Bureau of Land Management
P.O. Box 27115
Santa Fe, NM 87502



P.O. BOX 2691
1510 West Second Street
Roswell, NM 88201
Telephone (575)625-8807 • Fax (575)625-8827

PROSPECT: Seawolf 16 SWD 1
TRACT: 1

Township 26 South, Range 35 East, NMPM
Section 21: NE/4NE/4, W/2NE/4
Lea County, New Mexico

Record Date: 9/3/2014 (Federal), 8/29/2014 (County)

We have determined the following individuals and/or companies are probable working interest owners and/or operators, based solely from a cursory check:

(1.)

Devon Energy Production Company, LP
20 N. Broadway
Oklahoma City, OK 73102

(2.)

Centran Corporation
1200 Travis, Suite 2330
Houston, TX 77002 (1990)

(3.)

Barking Dog Enterprises, Inc.
6212 Wolf Ridge Drive
Plano, TX 75024

(4.)

O. Frank Millwood
9722 Queenswood Lane
Dallas, TX 75238

(5.)

J.D. Enterprises
c/o Mickey Dobson
OGE Drilling USA, Inc.
550 West Texas, Suite 1140
Midland, TX 79701

(6.)

Gary L. Todd
710 Vail Dr.
Arlington, TX 76012

(7.)

Enriqueta Garrett
5710 Antares Court
Dallas, TX 75252

(8.)

Pamela K. Clements
520 Shirley Ct.
Richardson, TX 75081

(9.)

Starboard Resources, Inc.
300 E. Sonterra Blvd.,
San Antonio, TX 78258

(10.)

Impetro Operating, LLC
300 E. Sonterra Blvd.,
San Antonio, TX 78258

The following is the surface owner:

United State of America
Bureau of Land Management
P.O. Box 27115
Santa Fe, NM 87502



P.O. BOX 2691
1510 West Second Street
Roswell, NM 88201
Telephone (575)625-8807 • Fax (575)625-8827

PROSPECT: Seawolf 16 SWD 1
TRACT: 2

Township 26 South, Range 35 East, NMPM
Section 21: SE/4NE/4
Lea County, New Mexico

Record Date: 9/3/2014 (Federal), 8/29/2014 (County)

We have determined the following individuals and/or companies are probable working interest owners and/or operators, based solely from a cursory check:

(1.)

Devon Energy Production Company, LP
20 N. Broadway
Oklahoma City, OK 73102

(2.)

Starboard Resources, Inc.
300 E. Sonterra Blvd.,
San Antonio, TX 78258

(3.)

Impetro Operating, LLC
300 E. Sonterra Blvd.,
San Antonio, TX 78258

(4.)

Permian Atlantis LLC
6630 Cypresswood Dr., Suite 200
Spring, TX 77379

(5.)

Heritage Consolidated, LLC
2911 Turtle Creek Blvd., Suite 850
Dallas, TX 75219

The following is the surface owner:

United State of America
Bureau of Land Management
P.O. Box 27115
Santa Fe, NM 87502



P.O. BOX 2691 88202-2691
 1510 West Second Street
 Roswell, NM 88201
 Telephone (575)625-8807 • Fax (575)625-8827

OWNERSHIP REPORT

**PROSPECT: Sea Wolf
 TRACT: 1**

**Township 26 South, Range 35 East, NMPM
 Section 16: N2
 Lea County, New Mexico
 Containing 320.00 acres, more or less**

**RECORD DATE: 05/20/2014 (County)
 6/5/2014 (State)
 LANDMAN: TG**

The conclusions reported herein are based upon the landman's review of the instruments recorded in the county as indexed by Elliott & Waldron Abstract Company, Lea County, New Mexico, and a copy of the Schutz Abstract Company lease file briefing the records in the State Land Office.

SURFACE OWNERSHIP

NAME OF SURFACE OWNERS	INTEREST	NET ACRES	STATUS & REMARKS
State of New Mexico State Land Office P.O. Box 1148 Santa Fe, NM 87504	100.000000%	320.000000	
TOTAL SURFACE OWNERSHIP	100.000000%	320.000000	

MINERAL OWNERSHIP

NAME OF MINERAL OWNERS	INTEREST	NET ACRES	LEASEHOLD STATUS
State of New Mexico State Land Office P.O. Box 1148 Santa Fe, NM 87504	100.000000%	320.000000	HBP Last OGL: VB-1839 Book/Page Unrecorded Date: 4/1/2010 Lessee: Yates Petroleum Company Term: 5 years Royalty: 3/16th Riders: None Lands Covered: T26S-R35E Sec 16: N2
TOTAL MINERAL OWNERSHIP	100.000000%	320.000000	

Township 26 South, Range 35 East, NMPM

Section 16: N2

Lea County, New Mexico

Containing 320.00 acres, more or less

LEASEHOLD OWNERSHIP

INTEREST OWNERS	WORKING INTEREST	NET REVENUE INTEREST	STATUS & REMARKS
------------------------	-------------------------	-----------------------------	-----------------------------

Working Interest:

Yates Petroleum Corporation 105 S. Fourth Street Artesia, New Mexico 88210	100.000000%	81.250000%
--	-------------	------------

WORKING INTEREST TOTALS	100.000000%	81.250000%
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Royalty and Overriding Royalty:

Mineral Owners Royalty		18.750000%
------------------------	--	------------

Overriding Royalty

TOTAL ROYALTY BURDENS		18.750000%
------------------------------	--	-------------------

ALL LEASEHOLD TOTALS	100.000000%	100.000000%
-----------------------------	--------------------	--------------------

TITLE NOTES

Note 1:

A check for production in the records of the NMOCD (<http://gotech.nmt.edu/gotech>) has revealed there to be no production on the lands covered by the above oil and gas lease that would perpetuate it beyond the primary term.

Note 2:

We find no releases for the following Oil and Gas leases:
VB 1839

Note 3:

For the time period beginning 4/1/2010 at 8:00 a.m. through 5/20/2014 at 5:00 p.m., we found no voluntary/involuntary liens attached to mineral interest and/or working interest owners.

Note 4:

There are no NPRIs attached to this tract.



P.O. BOX 2691 88202-2691
 1510 West Second Street
 Roswell, NM 88201
 Telephone (575)625-8807 • Fax (575)625-8827

OWNERSHIP REPORT

**PROSPECT: Sea Wolf
 TRACT: 2**

**Township 26 South, Range 35 East, NMPM
Section 16: S2
 Lea County, New Mexico
 Containing 320.00 acres, more or less**

**RECORD DATE: 5/20/2014 (County)
 6/5/2014 (State)
 LANDMAN: TG**

The conclusions reported herein are based upon the landman's review of the instruments recorded in the county as indexed by Elliott & Waldron Abstract Company, Lea County, New Mexico, and a copy of the Schutz Abstract Company lease file briefing the records in the State Land Office.

SURFACE OWNERSHIP

NAME OF SURFACE OWNERS	INTEREST	NET ACRES	STATUS & REMARKS
State of New Mexico State Land Office P.O. Box 1148 Santa Fe, NM 87504	100.000000%	320.000000	
TOTAL SURFACE OWNERSHIP	100.000000%	320.000000	

MINERAL OWNERSHIP

NAME OF MINERAL OWNERS	INTEREST	NET ACRES	LEASEHOLD STATUS
State of New Mexico State Land Office P.O. Box 1148 Santa Fe, NM 87504	100.000000%	320.000000	HBP Last OGL: VB-1840 Book/Page Unrecorded Date: 4/1/2010 Lessee: Yates Petroleum Company Term: 5 years Royalty: 3/16th Riders: None Lands Covered: T26S-R35E Sec 16: S2
TOTAL MINERAL OWNERSHIP	100.000000%	320.000000	

Township 26 South, Range 35 East, NMPM

Section 16: S2

Lea County, New Mexico

Containing 320.00 acres, more or less

LEASEHOLD OWNERSHIP

INTEREST OWNERS	WORKING INTEREST	NET REVENUE INTEREST	STATUS & REMARKS
<u>Working Interest:</u>			
Yates Petroleum Corporation 105 S. Fourth Street Artesia, New Mexico 88210	40.000000%	32.500000%	
Yates Drilling Company 105 S. Fourth Street Artesia, New Mexico 88210	20.000000%	16.250000%	
ABCO Petroleum Corporation 105 S. Fourth Street Artesia, New Mexico 88210	20.000000%	16.250000%	
Myco Industries, Inc. 105 S. Fourth Street Artesia, New Mexico 88210	20.000000%	16.250000%	
WORKING INTEREST TOTALS	100.000000%	81.250000%	
<u>Royalty and Overriding Royalty:</u>			
Mineral Owners Royalty		18.750000%	
Overriding Royalty			
TOTAL ROYALTY BURDENS		18.750000%	
ALL LEASEHOLD TOTALS	100.000000%	100.000000%	

TITLE NOTES

Note 1:

A check for production in the records of the NMOCD (<http://gotech.nmt.edu/gotech>) has revealed there to be no production on the lands covered by the above oil and gas lease that would perpetuate it beyond the primary term.

Note 2:

We find no releases for the following Oil and Gas leases:
VB 1840

Note 3:

For the time period beginning 4/1/2010 at 8:00 a.m. through 5/20/2014 at 5:00 p.m., we found no voluntary/involuntary liens attached to mineral interest and/or working interest owners.

Note 4:

There are no NPRIs attached to this tract.



P.O. BOX 2691
1510 West Second Street
Roswell, NM 88201
Telephone (575)625-8807 • Fax (575)625-8827

PROSPECT: Seawolf
TRACT: 1

Township 26 South, Range 35 East, NMPM
Section 15: ALL
Lea County, New Mexico

Record Date: June 5, 2014 (Federal), 5/20/2014 (County)

We have determined the following individuals and/or companies are probable working interest owners and/or operators, based solely from a cursory check:

(1.)

Devon Energy Production Company, LP
20 N. Broadway
Oklahoma City, OK 73102

(2.)

Chevron USA, Inc.
1400 Smith Street
Houston, TX 77002

(3.)

Penwell Energy, Inc.
600 N. Marienfeld #1100
Midland, TX 79701

(4.)

Chesapeake Exploration, LLC
P.O. Box 18496
Oklahoma City, OK 73154

The following is the surface owner:

United State of America
Bureau of Land Management
P.O. Box 27115
Santa Fe, NM 87502

Seawolf 16 SWD 1
C108 Application for Injection
Injection Water Analysis
Bone Springs Formation
Devon Energy Production Co LP

North Permian Basin Region
P.O. Box 740
Sundown, TX 79372-0740
(806) 229-8121
Lab Team Leader - Sheila Hernandez
(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:	DEVON ENERGY CORPORATION	Sales RDT:	33521.1
Region:	PERMIAN BASIN	Account Manager:	GENE ROGERS (575) 910-1022
Area:	ARTESIA, NM	Sample #:	578322
Lease/Platform:	ICHABOB 7 FED	Analysis ID #:	119387
Entity (or well #):	1 H	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

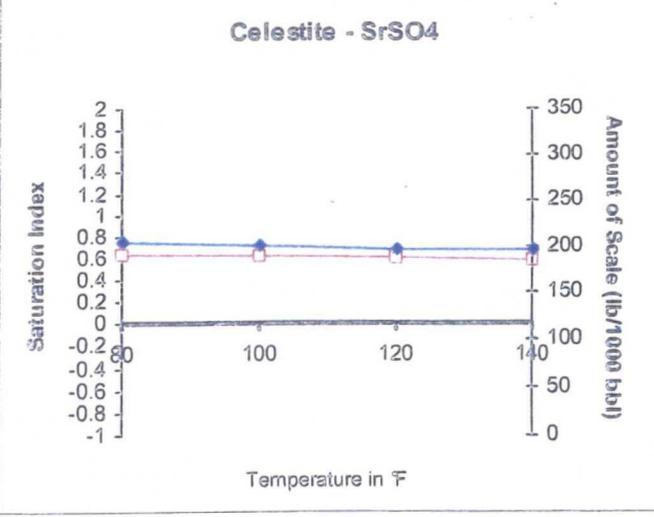
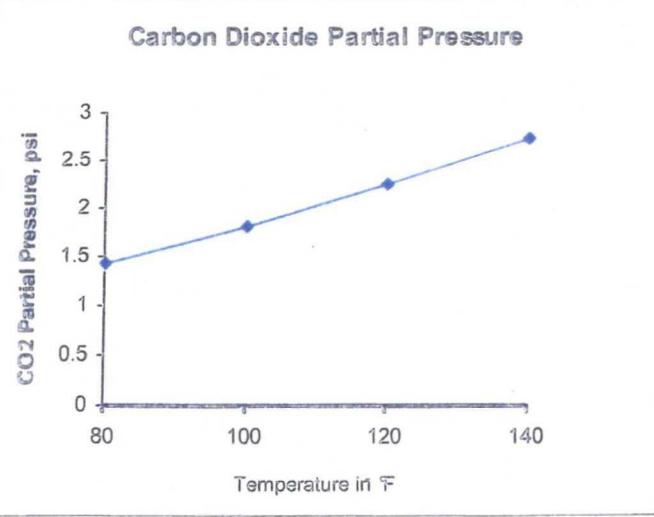
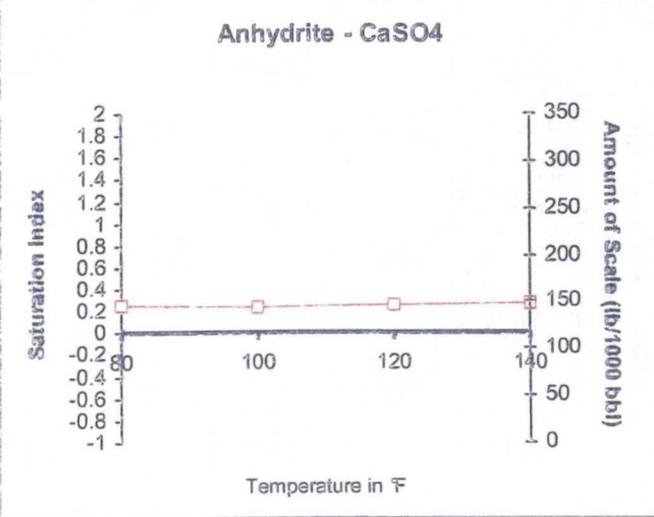
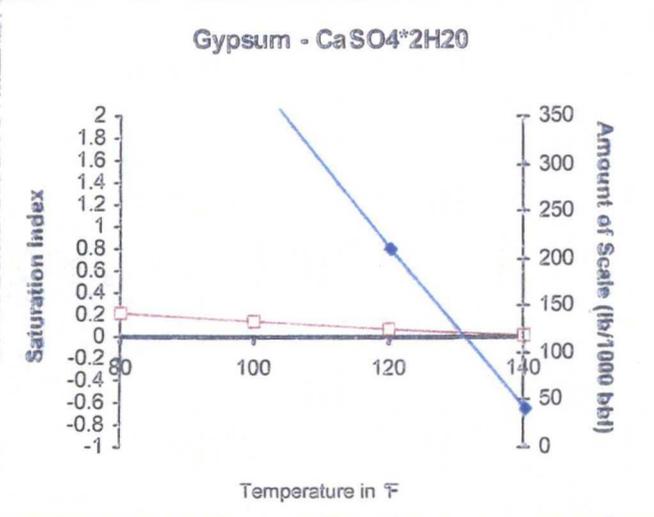
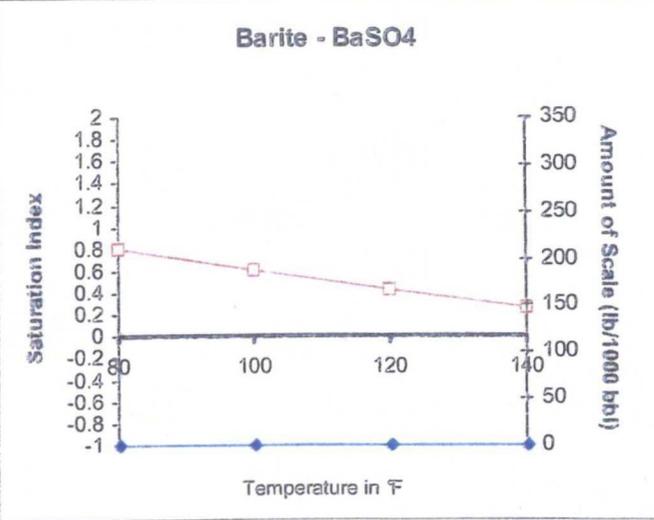
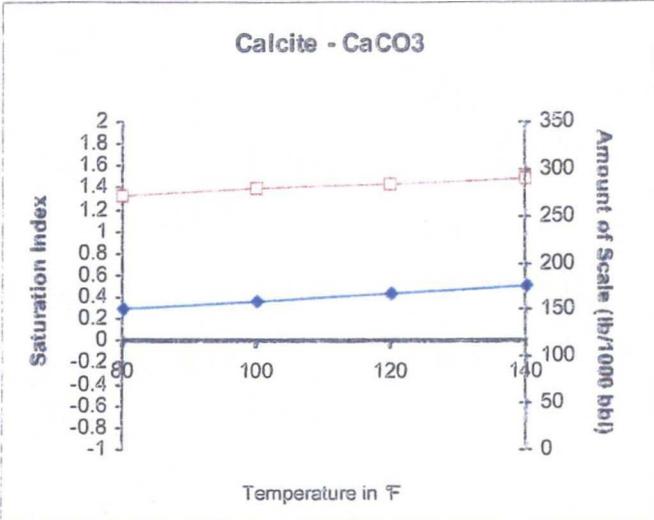
Summary		Analysis of Sample 578322 @ 75 F					
Sampling Date:	04/04/12	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	04/22/12	Chloride:	125645.0	3543.99	Sodium:	71749.9	3120.95
Analyst:	STACEY SMITH	Bicarbonate:	1049.2	17.2	Magnesium:	1291.0	106.2
TDS (mg/l or g/m3):	211246.6	Carbonate:	0.0	0.0	Calcium:	7064.0	352.5
Density (g/cm3, tonne/m3):	1.138	Sulfate:	2840.0	59.13	Strontium:	426.0	9.72
Anion/Cation Ratio:	1	Phosphate:			Barium:	0.5	0.01
Carbon Dioxide:	50 PPM	Borate:			Iron:	68.0	2.46
Oxygen:		Silicate:			Potassium:	1111.0	28.41
Comments:		Hydrogen Sulfide:		0	Aluminum:		
		pH at time of sampling:		6.7	Chromium:		
		pH at time of analysis:			Copper:		
		pH used in Calculation:		6.7	Lead:		
					Manganese:	2.000	0.07
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
°F	psi											psi
80	0	1.34	151.28	0.22	569.17	0.25	501.24	0.63	202.66	0.81	0.29	1.43
100	0	1.40	159.85	0.14	387.63	0.24	479.26	0.61	198.10	0.61	0.29	1.8
120	0	1.45	168.13	0.07	210.09	0.25	497.53	0.59	195.53	0.43	0.29	2.24
140	0	1.50	176.69	0.01	40.82	0.28	548.91	0.58	194.39	0.27	0.00	2.73

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.
Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.
Note 3: The reported CO₂ pressure is actually the calculated CO₂ fugacity. It is usually nearly the same as the CO₂ partial pressure.

Scale Predictions from Baker Petrolite

Analysis of Sample 578322 @ 75 °F for DEVON ENERGY CORPORATION, 04/22/12



**Seawolf 16 SWD 1
C108 Application for Injection
Injection Water Analysis
Bone Spring Formation
Devon Energy Production Co LP**

North Permian Basin Region
P.O. Box 740
Sundown, TX 79372-0740
(806) 229-8121
Lab Team Leader - Sheila Hernandez
(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:	DEVON ENERGY CORPORATION	Sales RDT:	33512
Region:	PERMIAN BASIN	Account Manager:	WAYNE PETERSON (575) 910-9389
Area:	JAL, NM	Sample #:	578350
Lease/Platform:	RATTLESNAKE UNIT	Analysis ID #:	119388
Entity (or well #):	FEDERAL 6	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

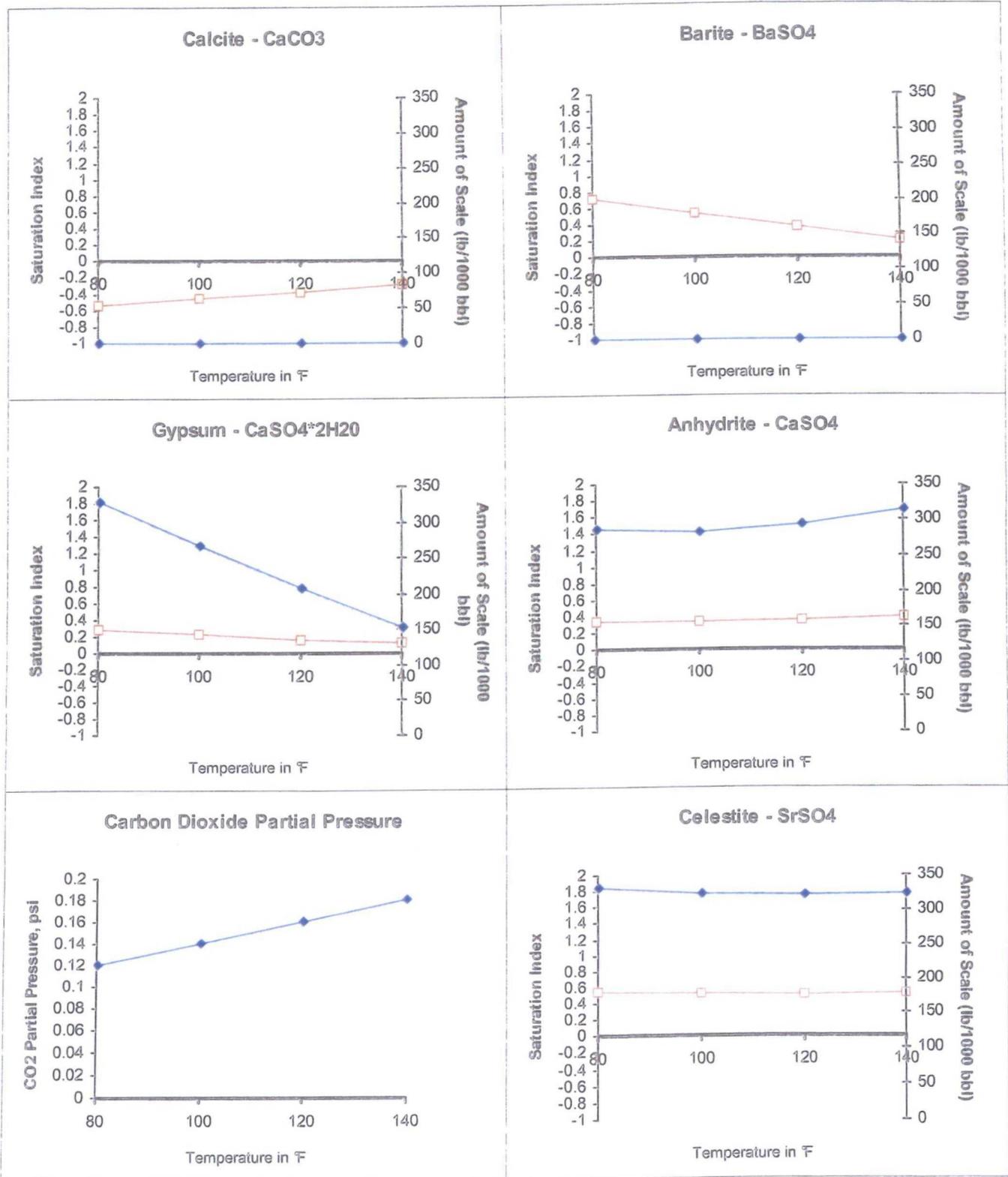
Summary		Analysis of Sample 578350 @ 75 °F			
		Anions		Cations	
		mg/l	meq/l	mg/l	meq/l
Sampling Date:	04/04/12	Chloride:	161186.0	Sodium:	66907.2
Analysis Date:	04/22/12	Bicarbonate:	24.4	Magnesium:	4104.0
Analyst:	STACEY SMITH	Carbonate:	0.0	Calcium:	25146.0
TDS (mg/l or g/m3):	261471.6	Sulfate:	1252.0	Strontium:	1169.0
Density (g/cm3, tonne/m3):	1.187	Phosphate:		Barium:	1.5
Anion/Cation Ratio:	1	Borate:		Iron:	42.0
		Silicate:		Potassium:	1631.0
Carbon Dioxide:	30 PPM	Hydrogen Sulfide:	0	Aluminum:	
Oxygen:		pH at time of sampling:	6	Chromium:	
Comments:		pH at time of analysis:		Copper:	
		pH used in Calculation:	6	Lead:	
				Manganese:	8.500
				Nickel:	0.31

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
°F	psi											psi
80	0	-0.53	0.00	0.30	329.32	0.35	287.24	0.54	330.96	0.73	0.55	0.12
100	0	-0.45	0.00	0.23	267.56	0.34	282.59	0.52	322.22	0.54	0.55	0.14
120	0	-0.37	0.00	0.17	208.53	0.36	292.43	0.51	319.76	0.38	0.55	0.16
140	0	-0.29	0.00	0.12	153.59	0.40	313.47	0.52	322.76	0.23	0.27	0.18

- Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.
- Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.
- Note 3: The reported CO₂ pressure is actually the calculated CO₂ fugacity. It is usually nearly the same as the CO₂ partial pressure.

Scale Predictions from Baker Petrolite

Analysis of Sample 578350 @ 75 °F for DEVON ENERGY CORPORATION, 04/22/12



Porter, Stephanie

From: Classifieds/Legals <ter1@hobbsnews.com>
Sent: Wednesday, September 24, 2014 1:54 PM
To: Porter, Stephanie
Subject: Legal Notice 29436
Attachments: 29436 devon bill.pdf; ATT00001.htm; 29436 devon notice.pdf; ATT00002.htm

Stephanie,

Attached is proof and bill statement for Legal Notice 29436. It is set to publish September 27, 2014. Please review and let me know if all is well to publish. Thank you.

Legal Notice
September 27, 2014

Devon Energy Production Company, LP, 333 West Sheridan Avenue, 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 Seawolf 16 SWD 1 will be a new drill; proposed location is 220' FSL & 180' FEL, Section 16, Township 26 South, Range 35 East, in Lea County, New Mexico. Disposal water will be sourced from area wells producing from the Bone Spring and/or Delaware formations. The disposal water will be injected into the Devonian/Silurian/Ordovician formation at a depth of 19,207' to 21,700', open hole, at a maximum surface pressure of 3841 psi and a maximum rate of 20,000 BWPD. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within (15) days of this notice. Any interested party with questions or comments may contact Josh Bruening at Devon Energy Corporation, 333 West Sheridan Avenue, Oklahoma City, OK 73102-8260, or call (405) 552-5069.
#29436



October 8th, 2014

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

RE: Form C-108, Application for Authorization to Inject
Seawolf 16 SWD 1; API # 30-025-
Lea County, NM
Section 16, T26S, R34E

Dear Santa Fe Oil Conservation Division:

Please find attached Devon Energy Production Company, LP's Form C-108, Application for Authorization to Inject. Devon's application proposes to drill and convert the Seawolf 16 SWD #1 to salt water disposal in the Devonian/Silurian/Ordovician formation.

The surface land owner and operators with leasehold ownership have been notified with Devon's application to inject via certified mail. A copy of this application has been filed with the OCD-Artesia office.

If you have any questions, please contact Josh Bruening at (405)-552-7882 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure



October 8th, 2014

Oil Conservation Division
1625 N. French Drive
Hobbs, New Mexico 88240

RE: Form C-108, Application for Authorization to Inject
Seawolf 16 SWD #1; API # 30-025-
Lea County, NM
Section 16, T26S, R35E

Dear Conservation Division-Artesia District Office:

Please find attached Devon Energy Production Company, LP's Form C-108, Application for Authorization to Inject. The original application has been filed with the Oil Conservation Division-Santa Fe Office.

Devon's application proposes to drill and convert the Seawolf 16 SWD #1 to salt water disposal in the Devonian/Silurian/Ordovician formation.

The surface land owner and operators with leasehold ownership have been notified with Devon's application to inject via certified mail.

If you have any questions, please contact Josh Bruening at (405)-552-7882 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure



October 8th, 2014

RE: Form C-108, Application for Authorization to Inject
Seawolf 16 SWD 1; API #30-015-
Lea County, NM
Section 16, T26S, R35E

Dear Leasehold Ownership Interests:

Please find attached Devon Energy Production Company, LP's Form C-108; Application for Authorization to Inject.

Devon's application proposes to drill and convert the Seawolf 16 SWD #1 to salt water disposal in the Devonian/Silurian/Ordovician formation.

As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as having leasehold ownership within the ½ mile review area around the Seawolf 16 SWD 1 well. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15) days of receipt of this letter.

If you have any questions, please contact Josh Bruening (405)-552-7882 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure



October 8th, 2014

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

RE: Form C-108, Application for Authorization to Inject
Seawolf 16 SWD 1; API # 30-015-
Lea County, NM
Section 16, T26S, R35E; 220' FSL & 180' FEL

Dear Sir or Madam:

Please find attached Devon Energy Production Company, LP's Form C-108, Application for Authorization to Inject.

Devon's application proposes to drill and convert the Seawolf 16 SWD #1 to salt water disposal. Produced waters will be injected into the Devonian/Silurian/Ordovician from 19,207' to 21,700'.

As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as the well site surface land owner. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15) days of receipt of this letter.

If you have any questions, please contact Josh Bruening at (405)-552-7882 or myself at (405)-501-3236.

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
311 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name SEAWOLF 16 SWD			⁶ Well Number 1
⁷ OGRID No. 6137		⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.			⁹ Elevation 3120.4

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	16	26 S.	35 E		220	SOUTH	180	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

N89°33'27"E 2641.63 FT

<p>N Q CORNER SEC. 16 LAT. = 32°05'05.440"N LONG. = 103.3724140"W NMSP EAST (FT) N = 383450.79 E = 839053.65</p>	<p>NE CORNER SEC. 16 LAT. = 32.0505351°N LONG. = 103.3638898"W NMSP EAST (FT) N = 383471.19 E = 841694.79</p>
<p>NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE.</p>	
<p>W Q CORNER SEC. 16 LAT. = 32.0432880°N LONG. = 103.3809323"W NMSP EAST (FT) N = 380787.73 E = 836437.66</p>	<p>E Q CORNER SEC. 16 LAT. = 32.0432700°N LONG. = 103.3638849"W NMSP EAST (FT) N = 380828.20 E = 841720.06</p>
<p>SEAWOLF "18" SWD 1 ELEV. = 3120.4' LAT. = 32.0366156°N (NAD83) LONG. = 103.3644619"W NMSP EAST (FT) N = 378405.75 E = 841562.96</p>	
<p>SURFACE LOCATION</p>	
<p>SW CORNER SEC. 16 LAT. = 32.0360296°N LONG. = 103.3809251"W NMSP EAST (FT) N = 378147.20 E = 836463.17</p>	<p>S Q CORNER SEC. 16 LAT. = 32.0360218°N LONG. = 103.3723963"W NMSP EAST (FT) N = 378167.76 E = 839106.15</p>
<p>SE CORNER SEC. 16 LAT. = 32.0360101°N LONG. = 103.3638807"W NMSP EAST (FT) N = 378187.09 E = 841745.05</p>	<p>180'</p>

S89°33'15"W 2643.47 FT S89°34'49"W 2639.37 FT

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

Printed Name _____

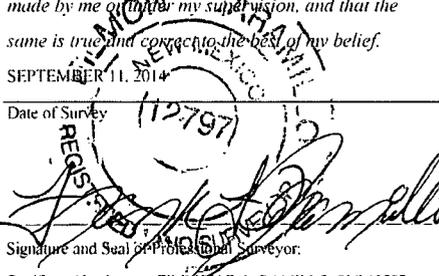
E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 11, 2014

Date of Survey (12797)

Signature and Seal of Professional Surveyor: 

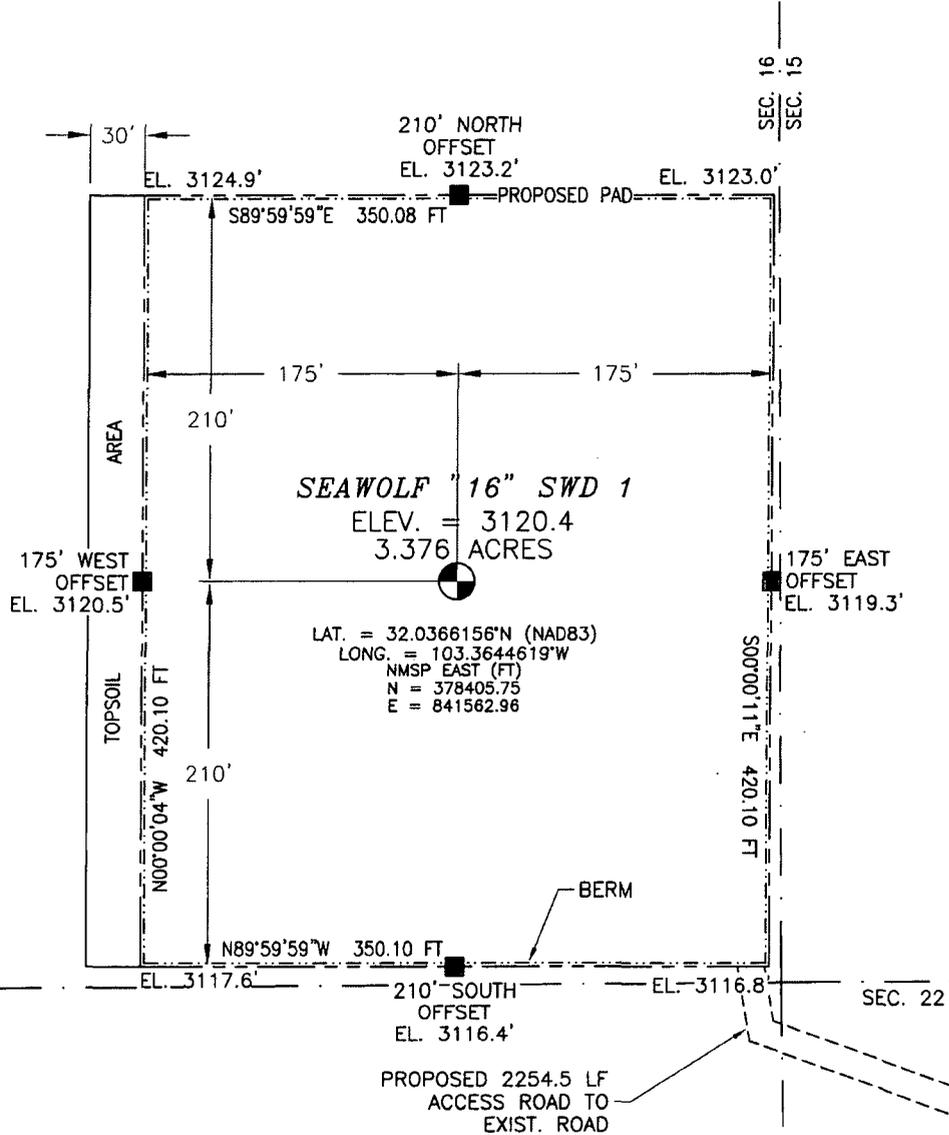
Certificate Number: FILLIPON F. JARAMILLO, PLS 12797

SURVEY NO. 3316A

SECTION 16, TOWNSHIP 26 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SITE MAP

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE



0 10 50 100 200

SCALE 1" = 100'
DIRECTIONS TO LOCATION

IN JAL NM AT THE INTERSECTION OF SR 128 (KANSAS) AND SR 205 (THIRD STREET) GO SOUTH ON SR 205 8.6 MILES, KEEP RIGHT TO BECKHAM ROAD ON RIGHT, GO WEST ON CALICHE LEASE ROAD (BECKHAM ROAD) 5.4 MILES TO ROAD INTERSECTION. TURN RIGHT GO NORTH 0.95 MILES TO CALICHE LEASE ROAD ON RIGHT JUST BEFORE CATTLE GUARD. GO NORTH 0.81 MILES JUST BEFORE EAST-WEST FENCE LINE. FOLLOW FLAGS WEST THROUGH NORTH-SOUTH FENCE 0.43 MILES (2255') TO SOUTHEAST CORNER OF PROPOSED PAD.

DEVON ENERGY PRODUCTION COMPANY, L.P.

SEAWOLF "16" SWD 1

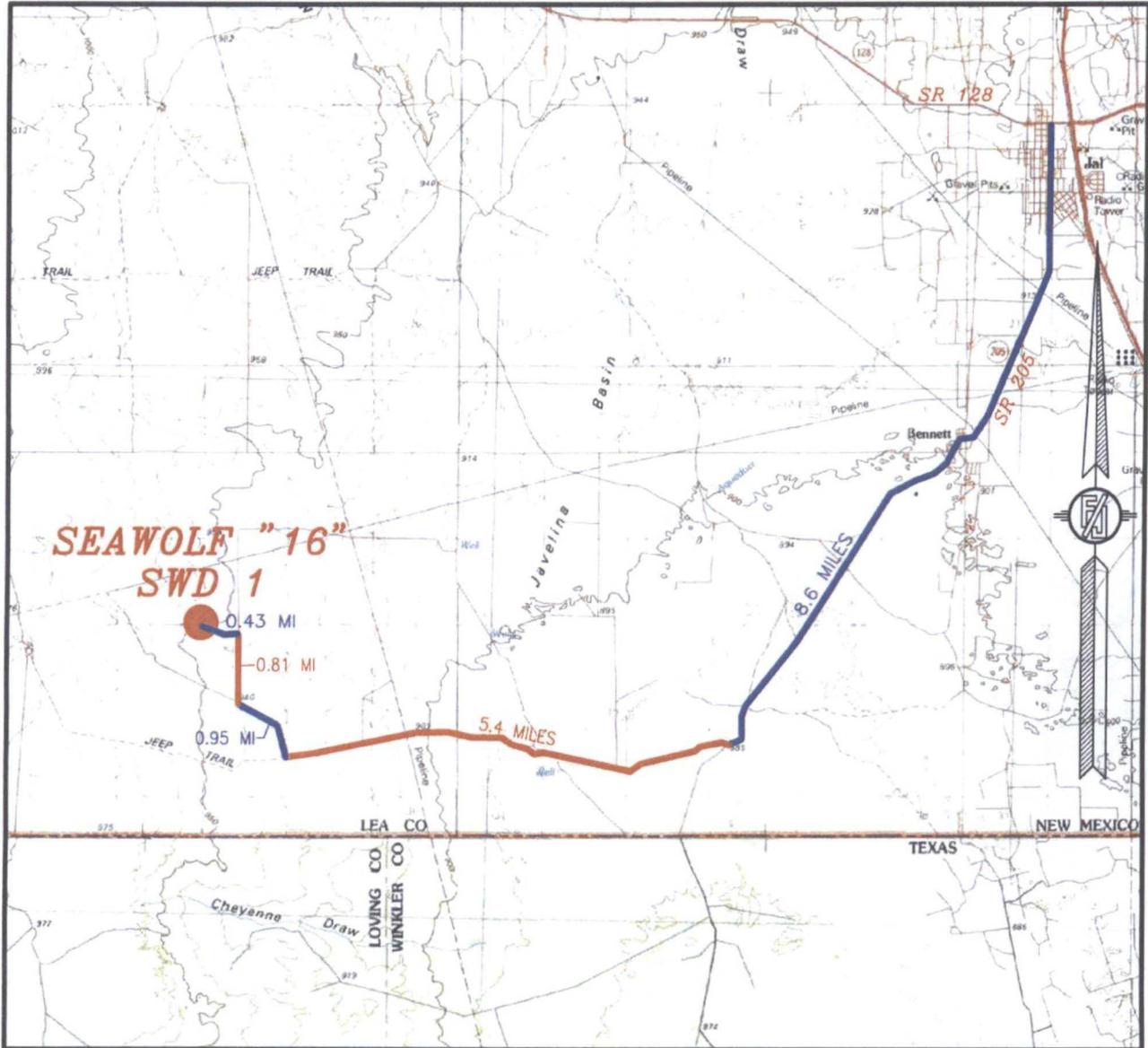
LOCATED 220 FT. FROM THE SOUTH LINE
AND 180 FT. FROM THE EAST LINE OF
SECTION 16, TOWNSHIP 26 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 11, 2014

SURVEY NO. 3316A

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 16, TOWNSHIP 26 SOUTH, RANGE 35 EAST, N.M.P.M.
 LEA COUNTY, STATE OF NEW MEXICO
 VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

SEAWOLF "16" SWD 1

LOCATED 220 FT. FROM THE SOUTH LINE
 AND 180 FT. FROM THE EAST LINE OF
 SECTION 16, TOWNSHIP 26 SOUTH,
 RANGE 35 EAST, N.M.P.M.
 LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 11, 2014

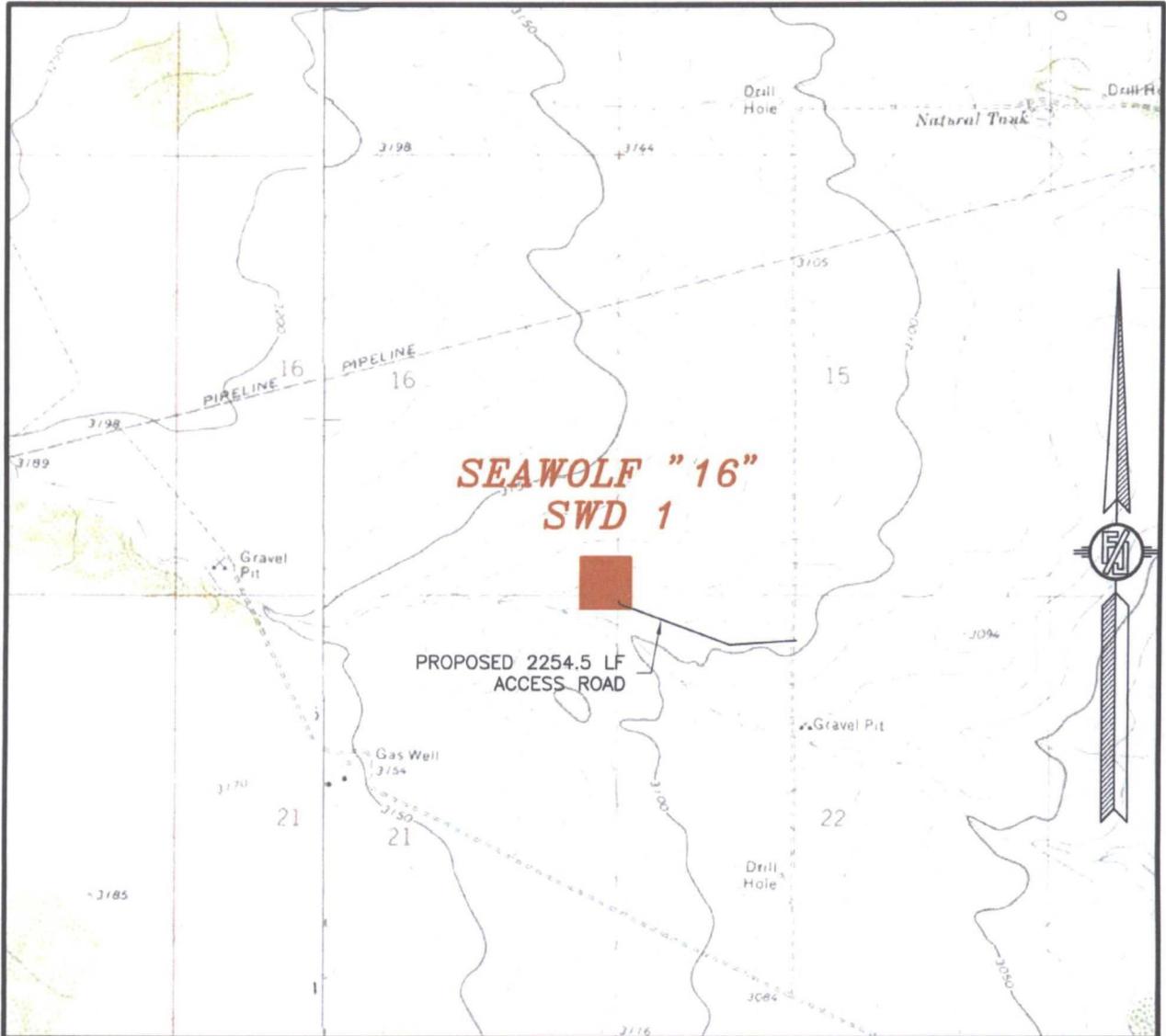
DIRECTIONS TO LOCATION

IN JAL NM AT THE INTERSECTION OF SR 128 (KANSAS) AND SR 205 (THIRD STREET) GO SOUTH ON SR 205 8.6 MILES, KEEP RIGHT TO BECKHAM ROAD ON RIGHT, GO WEST ON CALICHE LEASE ROAD (BECKHAM ROAD) 5.4 MILES TO ROAD INTERSECTION. TURN RIGHT GO NORTH 0.95 MILES TO CALICHE LEASE ROAD ON RIGHT JUST BEFORE CATTLE GUARD. GO NORTH 0.81 MILES JUST BEFORE EAST-WEST FENCE LINE. FOLLOW FLAGS WEST THROUGH NORTH-SOUTH FENCE 0.43 MILES (2255') TO SOUTHEAST CORNER OF PROPOSED PAD.

SURVEY NO. 3316A

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 16, TOWNSHIP 26 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
JAVELINA BASIN &
ANDREWS PLACE

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

SEAWOLF "16" SWD 1

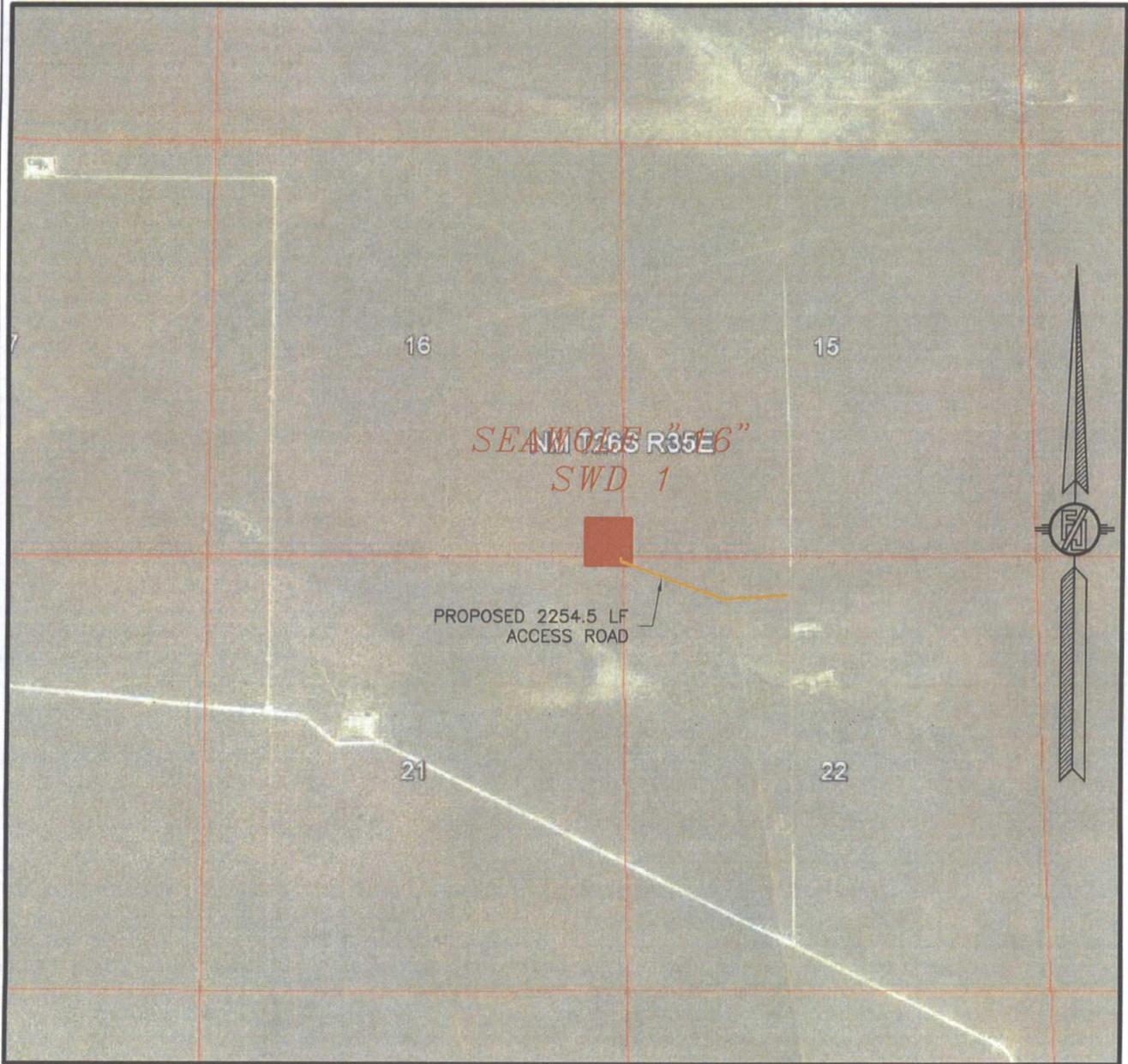
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SECTION 16, TOWNSHIP 26 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 11, 2014

SURVEY NO. 3316A

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 16, TOWNSHIP 26 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
APRIL 2013

DEVON ENERGY PRODUCTION COMPANY, L.P.

SEAWOLF "16" SWD 1

LOCATED 220 FT. FROM THE SOUTH LINE
AND 180 FT. FROM THE EAST LINE OF
SECTION 16, TOWNSHIP 26 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 11, 2014

SURVEY NO. 3316A

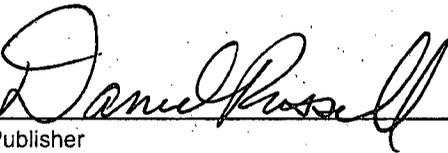
MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

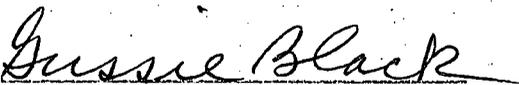
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
September 27, 2014
and ending with the issue dated
September 27, 2014.



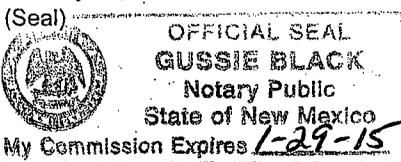
Publisher

Sworn and subscribed to before me this
27th day of September 2014.



Business Manager

My commission expires
January 29, 2015



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

LEGAL	LEGAL
Legal Notice September 27, 2014	
Devon Energy Production Company, LP, 333 West Sheridan Avenue, 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 Seawolf 16 SWD 1 will be a new drill, proposed location is 220' FSL & 180' FEL, Section 16, Township 26 South, Range 35 East, in Lea County, New Mexico. Disposal water will be sourced from area wells producing from the Bone Spring and/or Delaware formations. The disposal water will be injected into the Devonian/Silurian/Ordovician formation at a depth of 19,207' to 21,700' open hole, at a maximum surface pressure of 3841' psi and a maximum rate of 20,000 BWPD. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within (15) days of this notice. Any interested party with questions or comments may contact Josh Bruening at Devon Energy Corporation, 333 West Sheridan Avenue, Oklahoma City, OK 73102-8260, or call (405) 552-5069. #29436	

67106744

00144813

ACCOUNTS PAYABLE
DEVON ENERGY
PO BOX 3198
OKLAHOMA CITY, OK 73102-3198



ORDER TYPE: WFX / PMX (SWD) Number: 1517 Order Date: 1/7/15 Legacy Permits/Orders: None

Well No. 1 Well Name(s): Sea Wolf 16 SWD

API: 30-0 25-4 2161 Spud Date: TBD New or Old: New (UIC Class II Primacy 03/07/1982)

Footages 220 FSL, 180 FEI Lot - or Unit P Sec 16 Tsp 263 Rge 35E County Lea

General Location: 10 mi SW of Jal; 3 mi north NM/TX border Pool: Dev/Fos/Mon/Simpson/Elm Pool No.: 97775

BLM 100K Map: Jal Operator: Devon Energy Production Company OGRID: 6137 Contact: Stephanie Portner

COMPLIANCE RULE 5.9: Total Wells: 1980 Inactive: 6 Fincl Assur: Yes Compl. Order? No IS 5.9 OK? Yes Date: 01/07/15

WELL FILE REVIEWED Current Status: APD filed/approved

WELL DIAGRAMS: NEW: Proposed or RE-ENTER: Before Conv. After Conv. Logs in Imaging: - need CBL

Planned Rehab Work to Well: NA

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Cement St or Cf	Cement Top and Determination Method
Planned <input checked="" type="checkbox"/> or Existing <input type="checkbox"/> Surface	26" / 20"	800'	1880	Surface / Circ
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Interm/Prod	17 1/2" / 13 3/4"	5000'	3490	Surface / Circ
Planned <input checked="" type="checkbox"/> or Existing <input type="checkbox"/> Interm/Prod	12 1/4" / 9 5/8"	12400	1880	4000' (Circ)
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Prod/Liner	8 1/2" / 7"	19207	850	11900 (Circ)
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Liner	4 1/2" Borehole			
Planned <input checked="" type="checkbox"/> or Existing <input type="checkbox"/> OH/PERF	19207-21100		Inj Length 1893	Completion/Operation Details:
Injection Lithostratigraphic Units:		Depths (ft)	Injection or Confining Units	Tops
Adjacent Unit: Litho. Struc. Por.			Mississippian	18476
Confining Unit: Litho. Struc. Por.			Woodford sh	18910
Proposed Inj Interval TOP:	19207		Devonian	19195
Proposed Inj Interval BOTTOM:	21100		Fossiliferous / Montoya	20680
Confining Unit: Litho. Struc. Por.	+19'		Simpson Gp	21119
Adjacent Unit: Litho. Struc. Por.			Ellenburger	
AOR: Hydrologic and Geologic Information				
POTASH: R-111-P NA Noticed? No BLM Sec Ord NA WIPP Noticed? NA Salt/Salado T: 1499 B: 5290 NW: Cliff House fm NA				
FRESH WATER: Aquifer Alluvial/possible Pustler Max Depth <1090 HYDRO AFFIRM STATEMENT By Qualified Person				
NMOSE Basin: CARLSBAD CAPITAN REEF: thru adj NA No. Wells within 1-Mile Radius? FW Analysis NA				
Disposal Fluid: Formation Source(s) Bone Springs Analysis? On Lease Operator Only or Commercial				
Disposal Int: Inject Rate (Avg/Max BWPD): 10000/20000 Protectable Waters? System: Closed or Open				
HC Potential: Producing Interval? Formerly Producing? Method: Logs/DST/P&A/Other 2-Mile Radius Pool Map				
AOR Wells: 1/2-M Radius Map? Well List? Total No. Wells Penetrating Interval: Horizontals?				
Penetrating Wells: No. Active Wells Num Repairs? on which well(s)? Diagrams?				
Penetrating Wells: No. P&A Wells Num Repairs? on which well(s)? Diagrams?				
NOTICE: Newspaper Date 9/27/2014 Mineral Owner NMSLO Surface Owner NMSLO N. Date 10/09/2014				
RULE 26.7(A): Identified Tracts? Affected Persons: Chevron, Legacy N. Date 10/08/2014				

Order Conditions: Issues: Tops of cmt for 9 & 7" casing to be calc.; Ellenburger; HC potential; WQ of Add Order Cond: Mudlog - salinity Calc.; CBL for 9" & 7" cmt; no Ellenburger required interval (Simpson TP)