

DATE IN 04/24/13	SUSPENSE	ENGINEER RE	LOGGED IN 04/24/13	TYPE SWD	APP NO. PRG1311429233
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



30-015-40835  
 Parkway West  
 SWD #1  
 Devon Energy

**ADMINISTRATIVE APPLICATION CHECKLIST**

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

**Application Acronyms:**

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

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

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

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☒ Offset Operators, Leaseholders or Surface Owner
- [C] ☒ Application is One Which Requires Published Legal Notice
- [D] ☒ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

[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@divn.com  
 e-mail Address

SWD-1419

RECEIVED OGD  
 2013 APR 23 A 11:12

**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: \_\_\_\_\_ 04/22/2013 \_\_\_\_\_  
E-MAIL ADDRESS: \_\_\_\_\_ Stephanie.Porter@dmv.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.

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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.

**DEVON ENERGY PRODUCTION COMPANY LP**

Well Name: <b>PARKWAY SWD #1</b>		Field: <b>PARKWAY WEST</b>	
Location: <b>Sec 27 - 19S-29E ; 1255' FNL &amp; 430' FWL</b>		County: <b>EDDY</b>	State: <b>NM</b>
Elevation: <b>3341.4</b>		Spud Date: <b>N/A</b>	Compl Date: <b>N/A</b>
API#: <b>30-015-40835</b>	Prepared by: <b>kale jackson</b>	Date: <b>11/9/12</b>	Rev: <b>tjk:4/22/13</b>

**PROPOSED DRILL WELL FOR SWD**

17-1/2" hole  
13-3/8", 48#, H40, BTC @ 320'  
 Cmt'd w/330 sx CI C to surface

12-1/4" hole  
9-5/8", 40#, J55, LTC, @ 2,950'  
 Cement w/860 sx to surface

**FORMATION TOPS**

Ruster	Surface
Salado	495'
Tansil Dolomite	1,325'
Yates	1,450'
Seven Rivers	1,735'
Queen	2,335'
Grayburg	2,570'
Delaware	3,675'
Bone Spring	5,225'
Wolfcamp	9,225'
Strawn	10,310'
Morrow	10,935'
Mississippian	11,995'
Silurian	12,535'

*OK*

**PROPOSED**

**T2 On/Off Tool**  
**12,270' of 3-1/2", 9.3#, L80, IPC, tubing**  
**7" Nickel Coated Arrow-set packer set @ 12,505'**

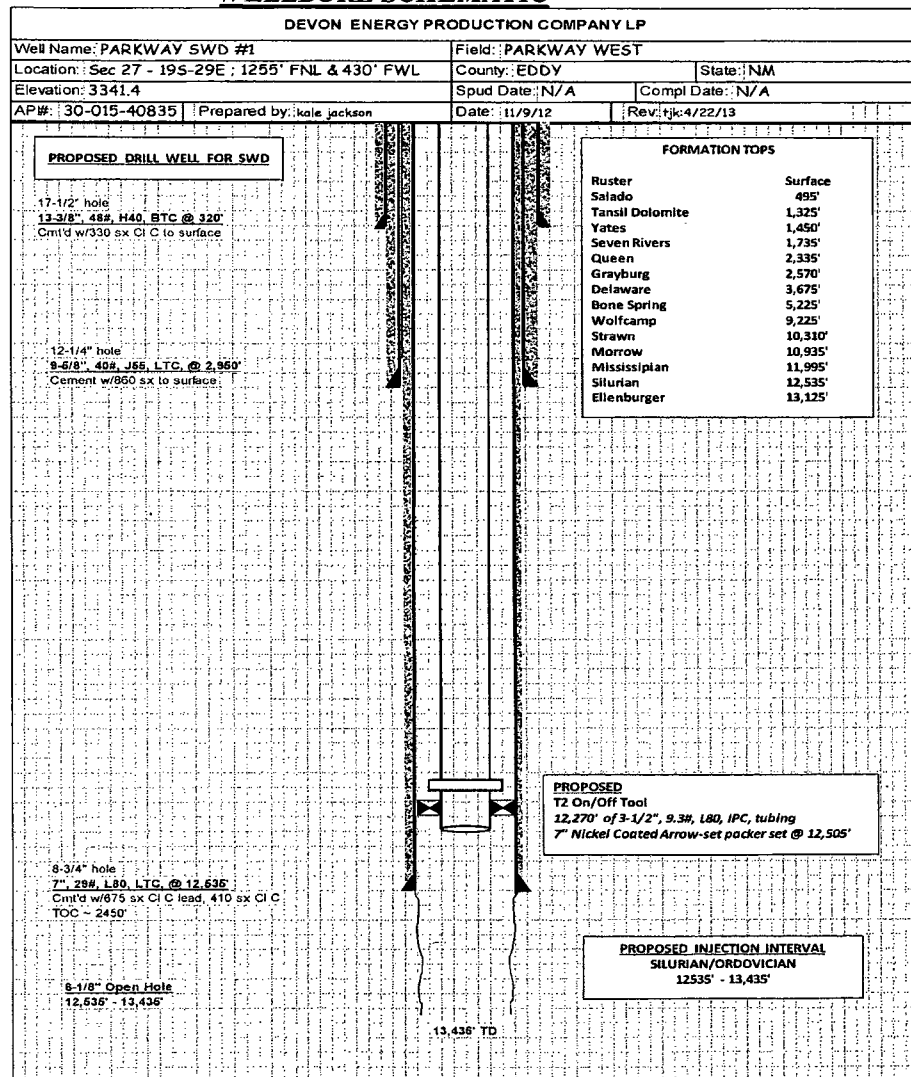
8-3/4" hole  
7", 29#, L80, LTC, @ 12,535'  
 Cmt'd w/675 sx CI C lead, 410 sx CI C  
 TOC ~ 2450'

**6-1/8" Open Hole**  
**12,535' - 13,435'**

**PROPOSED INJECTION INTERVAL**  
**SILURIAN/ORDOVICIAN**  
**12535' - 13,435'**

**13,435' TD**

## INJECTION WELL DATA SHEET

OPERATOR: Devon Energy Production Company, LPWELL NAME & NUMBER: PARKWAY WEST SWD #1WELL LOCATION: 1255' FNL & 430' FWL D Sec 27 T19S R29E  
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE**WELLBORE SCHEMATIC****WELL CONSTRUCTION DATA**Surface Casing

Hole Size: 17-1/2" Casing Size: 13-3/8", 48# @ 320'

Cemented with: 330 sx. or                      ft<sup>3</sup>

Top of Cement: Surface Method Determined: Circ. cement

Intermediate Casing

Hole Size: 12-1/4" Casing Size: 9-5/8", 40# @ 2950'

Cemented with: 860 sx. or                      ft<sup>3</sup>

Top of Cement: Surface Method Determined: Circ cement

Production Casing

Hole Size: 8-3/4" Casing Size: 7", 29#, @ 12535'

Cemented with: 1085 sx. or                      ft<sup>3</sup>

Top of Cement: 2450' Method Determined: Calc. TOC

Total Depth: 13435'

Injection Interval (Open Hole)12535' to 13435' ✓

(Perforated or Open Hole; indicate which)

**INJECTION WELL DATA SHEET**

Tubing Size: 3-1/2" Lining Material: IPC

Type of Packer: 7" Nickel Coated Arrowset Packer

Packer Setting Depth: 12505'

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: 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. No

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

Rustler Surface (Fresh Water @ 60') (Barren); Salado 495 (Barren); Tansil Dolomite 1325 (Barren); Yates 1450 (Barren); Seven Rivers 1735 (Barren); Queen 2335 (Barren); Grayburg 2570 (Barren); Delaware 3675 (Oil); Bone Spring 5225 (Oil/Gas); Wolfcamp 9225' (Oil/Gas); Strawn 10310 (Oil/Gas); Morrow 10935 (Gas); Mississippian 11995 (Barren); Silurian 12535 (Barren); Ellenburger 13125 (Barren)

**Proposed Injection Well: Parkway West SWD #1**

API: 30-015-40835

**APPLICATION FOR INJECTION**

Form C-108 Section III

**III. Well Data--On Injection Well**

**A. Injection Well Information**

- |  |   |
|--|---|
| (1) <u>Lease</u><br><u>Well No</u><br><u>Location</u><br><u>Sec,Twn,Rnge</u><br><u>Cnty, State</u> | Parkway West SWD<br>#1<br>1255' FNL & 430' FWL<br>Sec 27-T19S-R29E<br>Eddy County, NM   |
| (2) <u>Casing</u>  | 13-3/8", 48#, H-40 BTC, @ 320'<br>Cmt'd w/330, circ cmt to surf<br><br>9-5/8", 40#, J-55 LTC, @ 2950'<br>Cmt'd w/860, circ cmt to surf<br><br>7", 29#, L-80, LTC @ 12535'<br>Cmt'd w/2450, calc TOC ~ 2450' |
| (3) <u>Injection Tubing</u>  | 3-1/2" IPC injection tubing   |
| (4) <u>Packer</u>  | 7" Nickel Coated Arrowset Packer @ 12505'   |

**B. Other Well Information**

- |   |   |
|---|---|
| (1) <b>Injection Formation:</b><br><b>Field Name:</b> | Silurian/Ordovician<br>(To Be Assigned) |
| (2) <b>Injection Interval:</b>                        | 12535' - 13435' (open hole)             |

**(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 Surface (Barren); Salado 495 (Barren); Tansil Dolomite 1325 (Barren); Yates 1450 (Barren); Seven Rivers 1735 (Barren) Queen 2335 (Barren); Grayburg 2570 (Barren); Delaware 3675 (Oil); Bone Spring 5225 (Oil/Gas); Wolfcamp 9225' (Oil/Gas); Strawn 10310 (Oil/Gas); Morrow 10935 (Gas); Mississippian 11995 (Barren); Silurian 12535 (Barren); Ellenburger 13125 (Barren)

**Proposed Injection Well: Parkway West SWD #1**

API: 30-015-40835

**APPLICATION FOR INJECTION**

Form C-108 Section VII to XIII

**VII Attach data on the proposed operation, including:**

- (1) Proposed average injection rate: 5000 BWPD  
Proposed maximum injection rate: 10000 BWPD
- (2) The system will be a closed system.
- (3) Proposed average injection pressure: 1199 psi  
Proposed max injection pressure: 2399 psi
- (4) The injection fluid will be produced water from area wells producing from the Delaware and Bone Spring formations that will be injected into the Mississippian/Silurian/Ordovician formation.
- (5) Representative produced water analysis are submitted for the Bone Spring formation.

**VIII Geologic Injection Zone Data**

The injection zone is the Silurian/Ordovician formation from 12535' to 13435'. The gross injection interval is 1440' thick. The Mississippian/Silurian/Ordovician formation formation is a Permian aged sandstone. The average depth to fresh water is 60' in this area.

**IX Proposed Stimulation**

Based on injectivity results this interval could be acid stimulated.

**X Log Data**

Logs will be submitted with completion report.

**XI Fresh Water Analysis**

No water wells found on the Office of the State Engineer's website.

**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.

**Parkway SWD #1 (SWSW 29-19S-29E; PTD 13.435)**

The proposed interval for disposal per the Parkway SWD #1 APD is the Mississippian-Silurian-Ordovician succession. A review of the drillsite section and the surrounding 8 sections offsetting the drillsite section for the subject proposed SWD new drill indicates there are no penetrations of the proposed interval. The only nearby existing well has penetrated this interval is the P&A Sunray DX New Mexico State Q #1 (API 30-015-03612) in the NWNW of Section 29-19S-29E, which, at over 2 miles to the southwest, is considered too distant to be effected by a disposal well in Section 27.

**XIII Proof of Notice**

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



OK

C108 ITEM VI--Well Tabulation in 1/2 Mile Review Area																	
Devon Energy Production Company, LP																	
Proposed Inj Well:		PARKWAY WEST SWD 1															
Proposed Formation:		Silurian/Ordovician															
Proposed Interval:		12,535' - 13,435'															
Operator	Well Name	API NO	County	Surf Location	Sec	Twn	Rnge	Type	Status	Spud Date	Comp Date	TD	PBTD	Comp Zone	Comp Interval-Ft	Casing Program	Cement / TOC
Devon Energy Prod Co LP	Parkway West Unit SWD 1 (Proposed)	30-015-40835	Eddy	1255' FNL 430' FWL	27	19S	29E	Inj	To Be Drilled	To Be Drilled	To Be Drilled	13435	13435	Mississippian /Silurian/ Ordovician	11995-13435	13-3/8", 48#, @ 320' 9-5/8", 40#, @ 2950' 7", 29#, @ 12535'	330 sx / surface 860 sx / surface 1085 sx / prop TOC ~2450
Devon Energy Prod Co LP	Parkway West Unit 10	30-015-23108	Eddy	660' FSL 660' FWL	27	19S	29E	Gas	Active	11/23/81	2/15/82	11670	11580	Strawn Atoka Morrow	10365-10510 (open) CIBP @ 11050 11087-11189 (plugged off) 11309-11466 (plugged off)	11-3/4", 42#, @ 330' 8-5/8", 24 & 32#, @ 3116' 4-1/2", 11.6 & 13.5#, @ 11670'	350 sx / surface 1960 sx / surface 1028 sx / 7290 cbl
Devon Energy Prod Co LP	Parkway 14	30-015-32184	Eddy	660' FNL 1980' FEL	28	19S	29E	Gas	Active	2/24/02	5/1/02	11554	11430	Wolfcamp Morrow	9132-9194 (open) 11268-11360 (open) Downhole Commingled DHC-3134	13-3/8", 48#, @ 350' 8-5/8", 32#, @ 3206' 5-1/2", 17#, @ 11554'	590 sx / surface 1160 sx / surface 1275 sx / 5810 cbl
Devon Energy Prod Co LP	Parkway West Unit 15	30-015-32363	Eddy	1310' FNL 660' FEL	28	19S	29E	Gas	Active	7/14/02	8/29/02	10900	10415	Bone Spring Strawn	6950-7128 (open) CIBP @ 10450 + 35' cmt 10494-10552 (closed)	13-3/8", 48#, @ 265' 8-5/8", 32#, @ 3200' 5-1/2", 17#, @ 10900'	588 sx / surface 1210 sx / surface 770 sx / 6400 etoc
Devon Energy Prod Co LP	Parkway West Unit 17	30-015-33447	Eddy	1980' FNL 660' FWL	27	19S	29E	Gas	Active	10/29/04	1/12/05	11720	11603	Morrow	11368-11420	20", 94#, @ 335' 13-3/8", 54.5#, @ 1274' 9-5/8", 36#, @ 3230' 5-1/2", 17#, @ 11718'	575 sx / surface 915 sx / surface 1224 sx / surface 2364 sx / 2120 cbl
Devon Energy Prod Co LP	Parkway 20	30-015-32685	Eddy	1980' FNL 1980' FEL	28	19S	29E	Oil	Active	3/28/03	4/25/03	7253	7141	Bone Spring	6924-7062	13-3/8", 48#, @ 352' 8-5/8", 32#, @ 3306' 5-1/2", 17#, @ 7253'	400 sx / surface 1400 sx / surface 730 sx / 500 cbl
Devon Energy Prod Co LP	Turquoise PWU 27 1H	30-015-38333	Eddy	900' FNL 330' FWL	27	19S	29E	Oil	Active	3/10/11	6/16/11	12345	12300	Bone Spring	8210-12267	20", 94#, @ 40' 13-3/8", 48#, @ 328' 9-5/8", 40#, @ 2751' 5-1/2", 17#, @ 12340'	4005 sx / surface 1200 sx / surface 2290 sx / 2250 cbl
Senora Oil & Gas	State 1	30-015-03608	Eddy	660' FEL 2310' FSL	27	19S	29E	Dry Hole	P&A	5/14/57	7/3/57	1650	Surface	n/a	n/a	7", 20#, @ 231'	TOC surf
R.D. Collier	Gulf-State 1	30-015-03607	Eddy	2310' FSL 2310' FWL	27	19S	29E	Dry Hole	P&A	5/9/44	5/22/44	1721	Surface	n/a	n/a	8-1/4", 32#, @ 317'	TOC surf



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
www.devonenergy.com

April 22nd, 2013

Bivins Energy Corp.  
4925 Greenville Ave., Suite 814  
Dallas, Texas 75206

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API #30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear Bivins Energy Corp:

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 Parkway West SWD #1 to salt water disposal in the Mississippian/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 Parkway West 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 Trevor Klaassen (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
www.devonenergy.com

April 22nd, 2013

COG Operating, LLC  
Fasken Tower II  
550 W. Texas, Suite 1300  
Midland, Texas 79701

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear COG Operating, LLC:

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

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If you have any questions, please contact Trevor Klaassen at (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
www.devonenergy.com

April 22nd, 2013

Harvey M. Krueger  
745 Seventh Avenue  
New York, New York 10019

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear Harvey M. Krueger:

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

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If you have any questions, please contact Trevor Klaassen at (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephanie A. Porter". The signature is stylized with large, flowing letters.

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
www.devonenergy.com

April 22nd, 2013

Headington Oil Co.  
2711 N. Haskell Ave., Suite 2800  
Dallas, Texas 75204

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear Headington Oil Co.:

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 Parkway West SWD #1 to salt water disposal in the Mississippian/Silurian/Ordovician formation.

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If you have any questions, please contact Trevor Klaassen at (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
www.devonenergy.com

April 22nd, 2013

Madeline G. Perdue Estate  
c/o Twilley, Rommel & Stephens  
P.O. Box 766  
Salisbury, MD 21803

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear Madeline G. Perdue Estate:

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 Parkway West SWD #1 to salt water disposal in the Mississippian/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 Parkway West 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 Trevor Klaassen (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
www.devonenergy.com

April 22nd, 2013

Magnum Hunter Production, Inc  
c/o Cimarex Energy Company  
600 N. Marienfeld, Suite 600  
Midland, Texas 79701

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear Magnum Hunter Production Inc.:

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 Parkway West SWD #1 to salt water disposal in the Mississippian/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 Parkway West 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 Trevor Klaassen (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
www.devonenergy.com

April 22<sup>nd</sup>, 2013

Marcia Fuller French  
c/o L.R. French, Jr. AIF  
P.O. Box 11327  
Midland, Texas 79702

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear Marcia Fuller French:

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 Parkway West SWD #1 to salt water disposal in the Mississippian/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 Parkway West 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 Trevor Klaassen at (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure





Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
www.devonenergy.com

April 22nd, 2013

Merit Energy  
13727 Noel Road, Suite 500  
Dallas, Texas 75240

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear Merit Energy:

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 Parkway West SWD #1 to salt water disposal in the Mississippian/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 Parkway West 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 Trevor Klaassen at (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Porter". The signature is stylized with a large, looped initial "S" and a trailing slash.

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
www.devonenergy.com

April 22nd, 2013

Nicolas S. Lamont  
244 Ridgewood Avenue  
Hamden, CT 06517

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear Nicolas S. Lamont:

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 Parkway West SWD #1 to salt water disposal in the Mississippian/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 Parkway West 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 Trevor Klaassen at (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
[www.devonenergy.com](http://www.devonenergy.com)

April 22nd, 2013

North American Energy Investors  
500 Crescent Court, Suite 270  
Dallas, Texas 75201

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear North American Energy Investors:

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 Parkway West SWD #1 to salt water disposal in the Mississippian/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 Parkway West 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 Trevor Klaassen at (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephanie A. Porter". The signature is stylized with a large initial "S" and a long horizontal stroke at the end.

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
www.devonenergy.com

April 22nd, 2013

Oil Conservation Division  
811 S. First Street  
Artesia, New Mexico 88210

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

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 Parkway West SWD #1 to salt water disposal in the Mississippian/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 Trevor Klaassen at (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
www.devonenergy.com

April 22nd, 2013

Olive Dilworth  
1909 West 22<sup>nd</sup> Place  
Chicago, IL 60608-4205

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear Olive Dilworth:

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 Parkway West SWD #1 to salt water disposal in the Mississippian/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 Parkway West 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 Trevor Klaassen at (405)-552-7802 or myself at (405)-552-7802.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephanie A. Porter". The signature is stylized with large, flowing letters and a long horizontal stroke at the end.

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
[www.devonenergy.com](http://www.devonenergy.com)

April 22nd, 2013

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

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

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 Parkway West SWD #1 to salt water disposal in the Mississippian/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 Trevor Klaassen at (405)-552-7802 or myself at (405)-552-7802.

Sincerely,

A handwritten signature in black ink, appearing to read "S.A.P.", written over a horizontal line.

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
www.devonenergy.com

April 22nd, 2013

Stanley O. Jester  
3470 Wrangler Way  
Park City, UT 84098-4810

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear Stanley O. Jester:

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 Parkway West SWD #1 to salt water disposal in the Mississippian/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 Parkway West 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 Trevor Klaassen at (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
[www.devonenergy.com](http://www.devonenergy.com)

April 22nd, 2013

Stroube Energy Corp.  
17194 Preston Road, #102  
Dallas, Texas 75248

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear Stroube Energy Corp:

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 Parkway West SWD #1 to salt water disposal in the Mississippian/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 Parkway West 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 Trevor Klaassen at (405)-552-7802 or myself at (405)-552-7802.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephanie A. Porter". The signature is stylized with a large, looped "S" and a long, sweeping horizontal stroke at the end.

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure





Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
www.devonenergy.com

April 22nd, 2013

Thomas A. Kenny  
12850 Marsh Landing  
Palm Beach Garden, Florida 34418

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear Thomas A. Kenny:

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 Parkway West SWD #1 to salt water disposal in the Mississippian/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 Parkway West 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 Trevor Klaassen at (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

A handwritten signature in black ink, appearing to read "S. A. Porter". The signature is fluid and cursive, with the first letter of each name being capitalized and prominent.

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 235 3611 Phone  
www.devonenergy.com

April 22nd, 2013

Warden Dilworth  
350 Danforth Street  
Portland, ME 04102

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E

Dear Warden Dilworth:

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 Parkway West SWD #1 to salt water disposal in the Mississippian/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 Parkway West 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 Trevor Klaassen at (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephanie A. Porter". The signature is stylized with a large, looped "S" and a long, sweeping horizontal stroke at the end.

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure



Devon Energy Corporation  
333 West Sheridan  
Oklahoma City, OK 73102-8260

405 235 3611 Phone  
www.devonenergy.com

April 22nd, 2013

Commissioner of Public Lands  
State of New Mexico  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87501

RE: Form C-108, Application for Authorization to Inject  
Parkway West SWD #1; API # 30-015-40835  
Eddy County, NM  
Section 27, T19S, R29E; 1255' FNL & 430' FWL

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 Parkway West SWD # to salt water disposal. Produced waters will be injected into the Mississippian/Silurian/Ordovician from 11995' to 13435'.

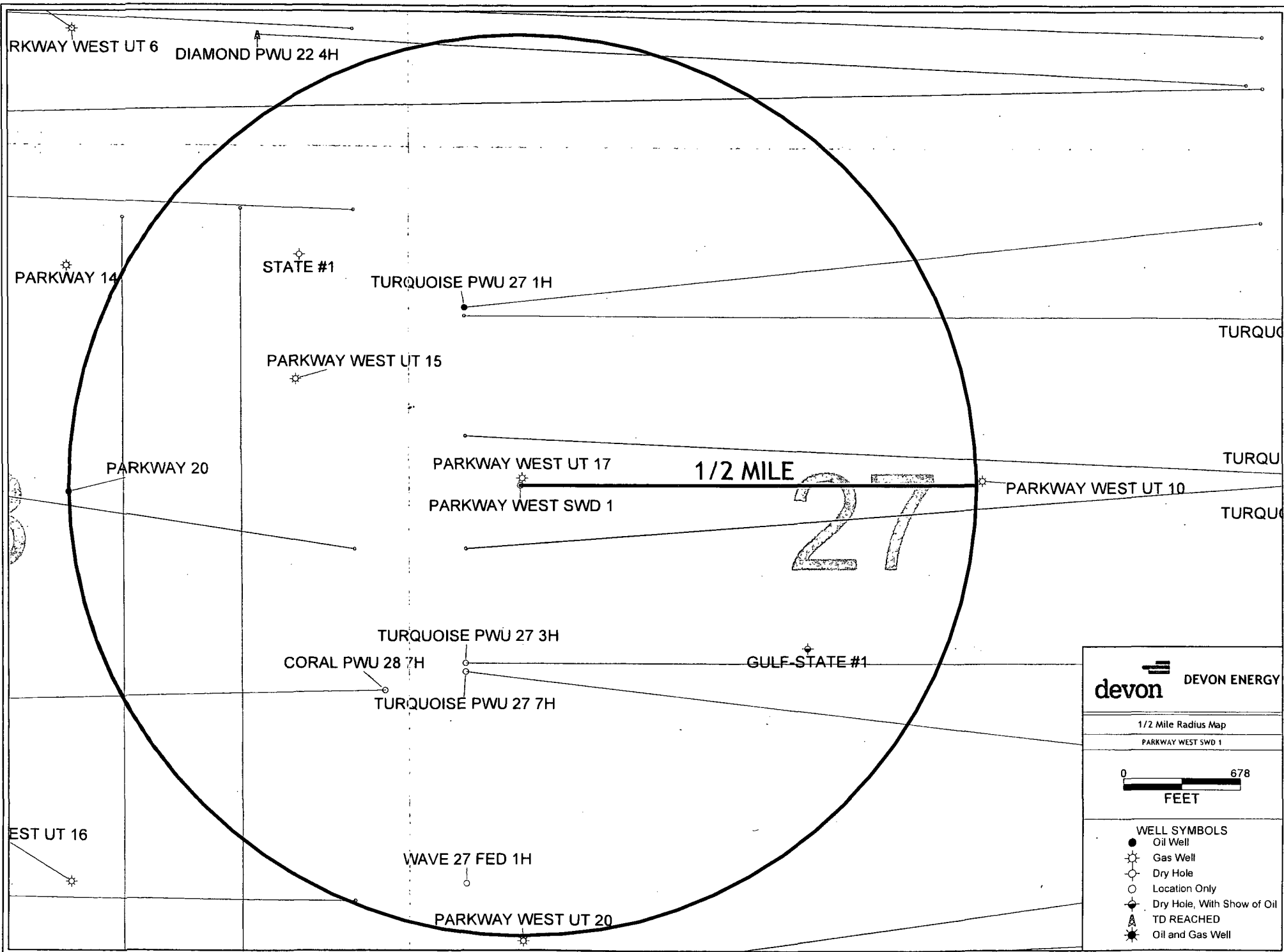
As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as the well site surface land owner. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15)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

If you have any questions, please contact Trevor Klaassen at (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter  
Operations Technician

SP/sp  
Enclosure

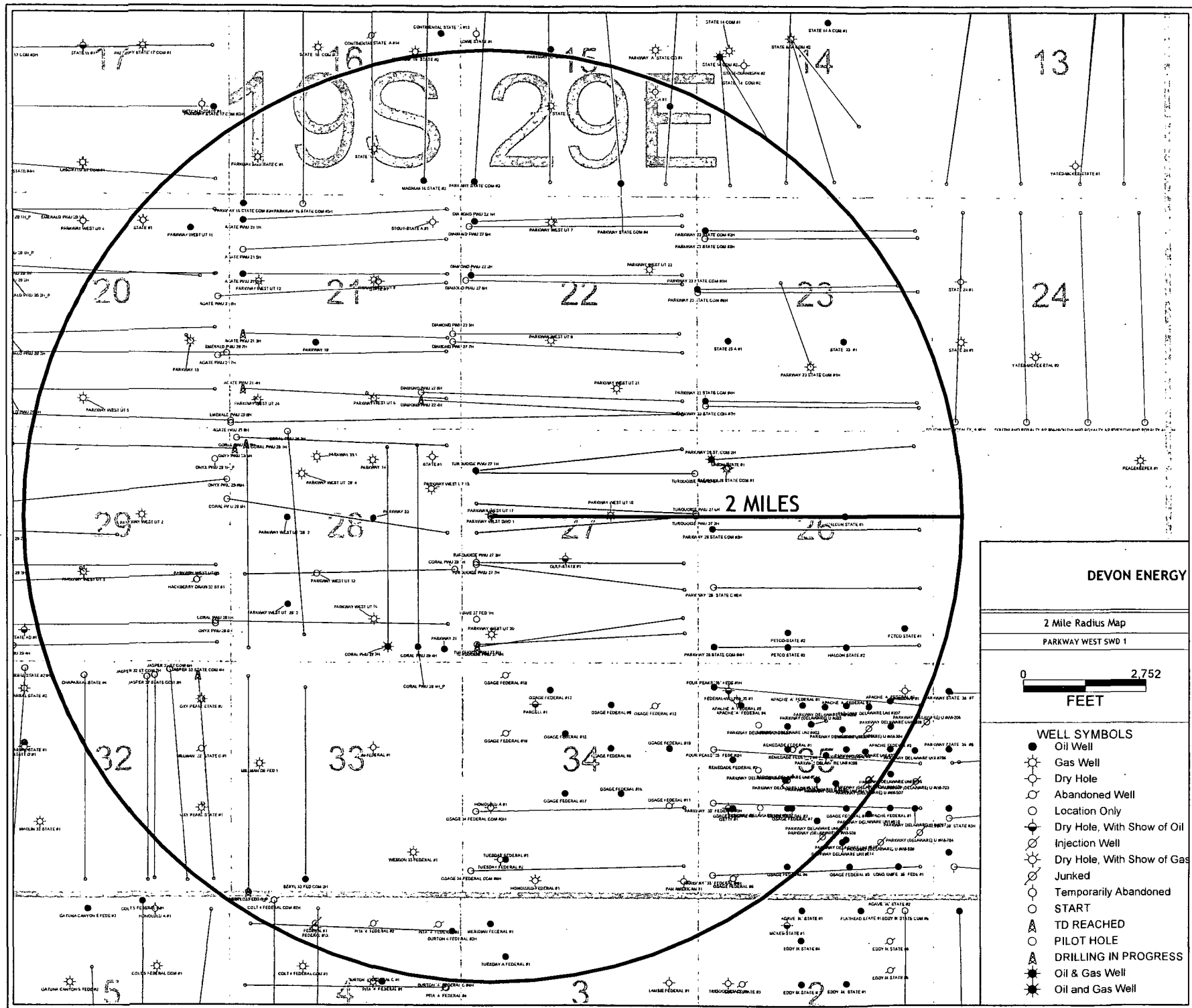


**DEVON ENERGY**

1/2 Mile Radius Map  
 PARKWAY WEST SWD 1

0 678  
 FEET

**WELL SYMBOLS**  
 ● Oil Well  
 ☼ Gas Well  
 ○ Dry Hole  
 ○ Location Only  
 ⬆ Dry Hole, With Show of Oil  
 ⬆ TD REACHED  
 ⬆ Oil and Gas Well



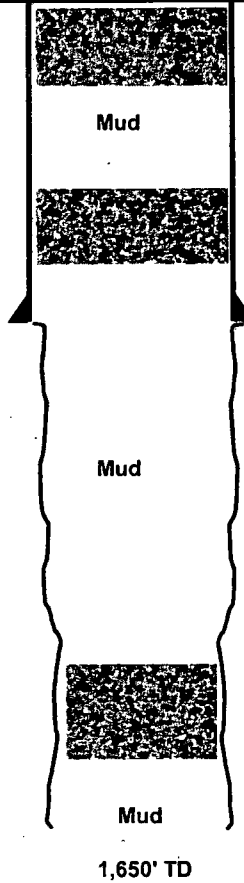
# WAGNER OIL COMPANY

Well Name: GULF STATE #1		Field: PARKWAY	
Location: 2310' FSL & 2310' FWL; SEC 27-T19S-R29E		County: EDDY	State: NM
Elevation: 3318 DF		Spud Date: 5/14/57	Compl Date: P&A-7/10/57
API#: 30-015-03607	Prepared by: Ronnie Slack	Date: 9/7/12	Rev:

SCHEMAT BASED ON PLUGGING REPORT  
FILED WITH OCD DATED 7/10/57

8" Hole  
7", 17# casing @ 231'  
5 sx mud

7" Hole



10 sx cement surface plug

10 sx cement set @ 160'

10 sx cement set @ 1,630'

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Agner Oil Company, Box 767, Artesia, New Mexico  
(Address)

LEASE W-11-11-11 WELL NO. 1 UNIT A S 27 T 10 R 20

DATE WORK PERFORMED July 9-10, 1957 POOL Willcox

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off  
☐ Beginning Drilling Operations ☐ Remedial Work  
☒ Plugging ☐ Other \_\_\_\_\_

Detailed account of work done, nature and quantity of materials used and results obtained.  
Plugged back from 1650 to 1630 with mud, then set a 10 sack cement plug, then filled hole with mud to 160 feet, then set another 10 sack plug and mudded back to the surface and set a 10 sack plug on top with a 4 foot by 4 inch marker and filled the pits and leveled the ground.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_

Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_

Perf Interval (s) \_\_\_\_\_

Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		
		(Company) _____

OIL CONSERVATION COMMISSION

Name W. A. Gressett  
Title OIL AND GAS INSPECTOR  
Date AUG 12 1957

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

Name Edward H. Wagner  
Position \_\_\_\_\_  
Company Agner Oil Company

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY R. D. Collier (Address) Artesia, New Mexico

LEASE Gulf State WELL NO. 1 UNIT 1 S 27 T 19S R 29  
DATE WORK PERFORMED 5-17-57 POOL San Juan

This is a Report of: (Check appropriate block) ☒ Results of Test of Casing Shut-off  
☐ Beginning Drilling Operations ☐ Remedial Work  
☐ Plugging ☐ Other \_\_\_\_\_

Detailed account of work done, nature and quantity of materials used and results obtained.

Set 231 feet 17# 7 inch casing on a shoe, muded and water shut off  
satisfactorily. Drilling ahead in dry hole.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		

(Company)

OIL CONSERVATION COMMISSION

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

Name W. A. Gussert  
Title Oil and Gas Inspector  
Date MAY 31 1957

Name Edward Wagner  
Position Driller - Contractor  
Company Wagner Oil Company



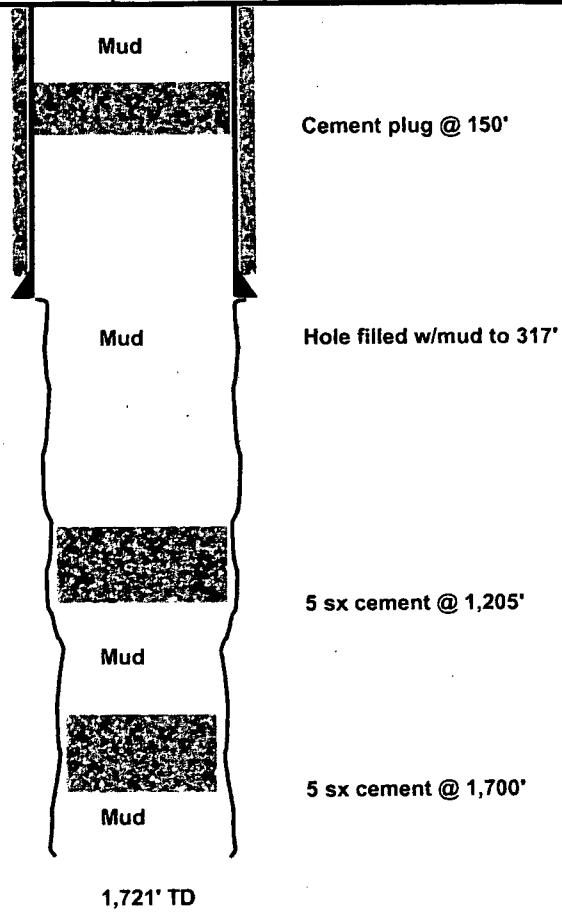
# SONORA OIL & GAS CO

Well Name: STATE #1		Field: TURKEY TRACK	
Location: 660' FNL & 660' FEL; SEC 28-T19S-R29E		County: EDDY	State: NM
Elevation: 3348'		Spud Date: 4/30/44	Compl Date: P&A-5/22/44
API#: 30-015-03608	Prepared by: Ronnie Slack	Date: 9/7/12	Rev:

SCHEMAT BASED ON PLUGGING REPORT  
FILED WITH OCD DATED 5/22/44

10" Hole  
8-1/4", 24#, casing @ 317'  
50 sx cement

8-1/4" Hole



## OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

COPY

## MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL	X		

Artesia, New Mexico

Place

August 23, 1944

Date

OIL CONSERVATION COMMISSION,  
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Senora Oil & Gas Co. State \_\_\_\_\_ Well No. 1 in the \_\_\_\_\_  
Company or Operator \_\_\_\_\_ Lease \_\_\_\_\_  
NE NE of Sec. 26, T. 19, R. 29, N. M. P. M.,  
Turkey Track Field, \_\_\_\_\_ Eddy \_\_\_\_\_ County.

The dates of this work were as follows: May 22, 1944

Notice of intention to do the work was ~~(was not)~~ submitted on Form C-102 on May 21 19 44  
and approval of the proposed plan was ~~(was not)~~ obtained. (Cross out incorrect words.)

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

We Plugged the above well as follows:

Filled hole with mud from 1721 to 1700 and set bridge and cement plug of 5 sacks; then filled hole with mud to 1205 (Base of salt) and set bridge and cement plug of 5 sacks; then filled hole with mud to 317 (bottom of 6 1/4" csg) and set bridge and cement plug at 150; then filled hole with mud to surface and cemented regulation marker.

Witnessed by W. D. Cunningham Name \_\_\_\_\_ Same \_\_\_\_\_ Contractor \_\_\_\_\_  
Company \_\_\_\_\_ Title \_\_\_\_\_

Subscribed and sworn before me this 23rd

I hereby swear or affirm that the information given above is true and correct.

day of August, 19 44Name H. L. Donerfield

s/ Teresa Goebing

Position Secretary

Notary Public

Representing Senora Oil & Gas Co.  
Company or OperatorMy commission expires April 21, 1945Address American Bldg. Ada, Okla.

Remarks:

Roy Yarbrough

Name

Oil and Gas Inspector

Title

## OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	<b>X</b>	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Artesia, New Mexico

Place

May 17, 1944

Date

OIL CONSERVATION COMMISSION,  
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Senora Oil & Gas Co.

State

Well No. 1

in the

Company or Operator

Lease

NE NE

of Sec.

28

T.

19

R.

29

, N. M. P. M.,

Turkey Track

Field,

Eddy

County.

The dates of this work were as follows: May 9, 1944Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on 19and approval of the proposed plan ~~was~~ (was not) obtained. (Cross out incorrect words.)

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

On May 7, 1944 we ran 317 feet of 8 1/2" second hand casing and cemented with 50 sacks. After allowing to stand 48 hours, we bailed hole down, drilled plug, then reran bailer. Water shut off tested OK.

Witnessed by W. D. Cunningham Name Self Company Contractor Title

Subscribed and sworn before me this 17th

I hereby swear or affirm that the information given above is true and correct.

day of May, 1944Name W. D. CunninghamPosition PresidentRepresenting Senora Oil & Gas Co.  
Company or OperatorMy commission expires Nov. 14, 1946Address American Bldg., Ada, Oklahoma

Remarks:

W. D. Cunningham  
Name

**Parkway West Unit 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:	33521.1
Region:	PERMIAN BASIN	Account Manager:	GENE ROGERS (575) 910-1022
Area:	ARTESIA, NM	Sample #:	559809
Lease/Platform:	DIAMOND PDU	Analysis ID #:	110060
Entity (or well #):	22-1H	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

Summary		Analysis of Sample 559809 @ 75 F					
Sampling Date:	07/06/11	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	07/13/11	Chloride:	85871.0	2422.11	Sodium:	45640.1	1985.23
Analyst:	STACEY SMITH	Bicarbonate:	36.6	0.6	Magnesium:	989.0	81.36
		Carbonate:	0.0	0.	Calcium:	6959.0	347.26
TDS (mg/l or g/m3):	142243.1	Sulfate:	1319.0	27.46	Strontium:	245.0	5.59
Density (g/cm3, tonne/m3):	1.099	Phosphate:			Barium:	0.5	0.01
Anion/Cation Ratio:	1	Borate:			Iron:	44.0	1.59
		Silicate:			Potassium:	1138.0	29.1
					Aluminum:		
Carbon Dioxide:	250 PPM	Hydrogen Sulfide:		0	Chromium:		
Oxygen:		pH at time of sampling:		7	Copper:		
Comments:		pH at time of analysis:			Lead:		
		pH used in Calculation:		7	Manganese:	0.900	0.03
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.06	0.31	-0.09	0.00	-0.10	0.00	0.19	50.96	0.60	0.31	0.03
100	0	0.10	0.31	-0.15	0.00	-0.09	0.00	0.17	46.38	0.41	0.31	0.04
120	0	0.14	0.61	-0.20	0.00	-0.05	0.00	0.16	44.86	0.25	0.00	0.05
140	0	0.18	0.92	-0.23	0.00	0.00	0.61	0.16	45.16	0.10	0.00	0.06

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.

**Parkway West Unit 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:	33521.1
Region:	PERMIAN BASIN	Account Manager:	GENE ROGERS (575) 910-1022
Area:	ARTESIA, NM	Sample #:	559810
Lease/Platform:	AGATE PWV	Analysis ID #:	110051
Entity (or well #):	21-1H	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

Summary		Analysis of Sample 559810 @ 75 °F					
Sampling Date:	07/06/11	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	07/13/11	Chloride:	104676.0	2952.53	Sodium:	55589.2	2417.99
Analyst:	STACEY SMITH	Bicarbonate:	24.4	0.4	Magnesium:	1270.0	104.48
TDS (mg/l or g/m3):	172529	Carbonate:	0.0	0.	Calcium:	8279.0	413.12
Density (g/cm3, tonne/m3):	1.119	Sulfate:	1100.0	22.9	Strontium:	300.0	6.85
Anion/Cation Ratio:	1	Phosphate:			Barium:	0.5	0.01
		Borate:			Iron:	37.0	1.34
		Silicate:			Potassium:	1252.0	32.02
Carbon Dioxide:	220 PPM	Hydrogen Sulfide:		0	Aluminum:		
Oxygen:		pH at time of sampling:		7.1	Chromium:		
Comments:		pH at time of analysis:			Copper:		
		pH used in Calculation:		7.1	Lead:		
					Manganese:	0.900	0.03
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.08	0.00	-0.12	0.00	-0.11	0.00	0.13	41.21	0.45	0.30	0.01
100	0	0.09	0.30	-0.19	0.00	-0.11	0.00	0.11	34.69	0.26	0.00	0.02
120	0	0.10	0.30	-0.25	0.00	-0.09	0.00	0.10	31.43	0.09	0.00	0.03
140	0	0.12	0.30	-0.29	0.00	-0.04	0.00	0.10	31.43	-0.06	0.00	0.04

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 CO<sub>2</sub> pressure is actually the calculated CO<sub>2</sub> fugacity. It is usually nearly the same as the CO<sub>2</sub> partial pressure.

**Parkway West Unit SWD #1  
C108 Application for Injection  
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P.O. Box 740  
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(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 #:	559808
Lease/Platform:	EMERALD	Analysis ID #:	110052
Entity (or well #):	21-1 H	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

Summary		Analysis of Sample 559808 @ 75 °F					
Sampling Date:	07/06/11	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	07/13/11	Chloride:	88423.0	2494.09	Sodium:	46362.5	2016.65
Analyst:	STACEY SMITH	Bicarbonate:	48.8	0.8	Magnesium:	1345.0	110.64
TDS (mg/l or g/m3):	146184.9	Carbonate:	0.0	0.	Calcium:	7148.0	356.69
Density (g/cm3, tonne/m3):	1.102	Sulfate:	1340.0	27.9	Strontium:	249.0	5.68
Anion/Cation Ratio:	1	Phosphate:			Barium:	0.6	0.01
		Borate:			Iron:	61.0	2.2
		Silicate:			Potassium:	1203.0	30.77
Carbon Dioxide:	230 PPM	Hydrogen Sulfide:		0	Aluminum:		
Oxygen:		pH at time of sampling:		6.8	Chromium:		
Comments:		pH at time of analysis:			Copper:		
		pH used in Calculation:		6.8	Lead:		
					Manganese:	4.000	0.15
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.00	0.00	-0.08	0.00	-0.08	0.00	0.19	52.29	0.68	0.30	0.05
100	0	0.07	0.30	-0.14	0.00	-0.07	0.00	0.17	48.03	0.49	0.30	0.07
120	0	0.13	0.61	-0.19	0.00	-0.04	0.00	0.17	46.21	0.32	0.30	0.09
140	0	0.19	1.22	-0.22	0.00	0.01	17.02	0.17	46.82	0.18	0.00	0.11

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 CO<sub>2</sub> pressure is actually the calculated CO<sub>2</sub> fugacity. It is usually nearly the same as the CO<sub>2</sub> partial pressure.



Ken Gray  
Senior Advisor, Land

Devon Energy Corporation  
20 North Broadway  
Oklahoma City, Oklahoma 73102-8260  
Office: (405) 552-4633  
Fax: (405) 552-8113

March 15, 2013

Intrepid Potash, Inc.  
707 17<sup>th</sup> Street, Suite 4200  
Denver, CO 80202  
Attn: Katie Keller

Re: Request for Waiver of Objection  
Parkway West Unit SWD  
SHL 1255' FNL & 430' FWL  
BHL 1255' FNL & 430' FWL  
Section 27-T19S-R29E  
Eddy County, New Mexico

Dear Katie:

Devon Energy Production Company, L.P. ("Devon") is the owner of operating rights under certain State of New Mexico oil and gas leases covering Section 27-T19S-R29E, Eddy County, New Mexico. According to Devon's records, Intrepid Potash, Inc. ("Intrepid") is the record title owner of State and/or Federal Potassium Leases located within one (1) mile of Devon's proposed SWD as referenced above.

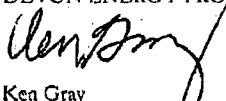
Devon has applied with the New Mexico Oil Conservation Division ("NMOCD") for an Application for Permit to Drill ("APD") the referenced SWD, as a Devonian SWD, for the purpose of injecting produced water associated with Devon's ongoing horizontal Bone Spring development in the Parkway West Unit. Devon's proposed location lies within the State of New Mexico Potash Area as set forth under State of New Mexico Order R-111-P.

It is the NMOCD's position that Devon's proposed oil and gas operations as described above will be subject to State of New Mexico Order R-111-P and will require mutual approval of both the potash lessee and the oil and gas lessee with respect to APD approval within the Potash Area.

In that regard, Devon respectfully requests that Intrepid waive its objection with respect to the drilling of the above SWD so that orderly oil and gas development can continue within the Parkway West Unit. If you are in agreement with Devon's waiver request, please so indicate by signing and returning a copy of this letter to the undersigned at your earliest convenience.

If there are any questions or if additional information is required, feel free to call me at (405) 552-4633.

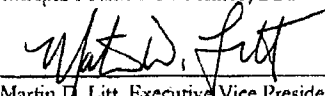
Yours very truly,  
DEVON ENERGY PRODUCTION COMPANY, L.P.

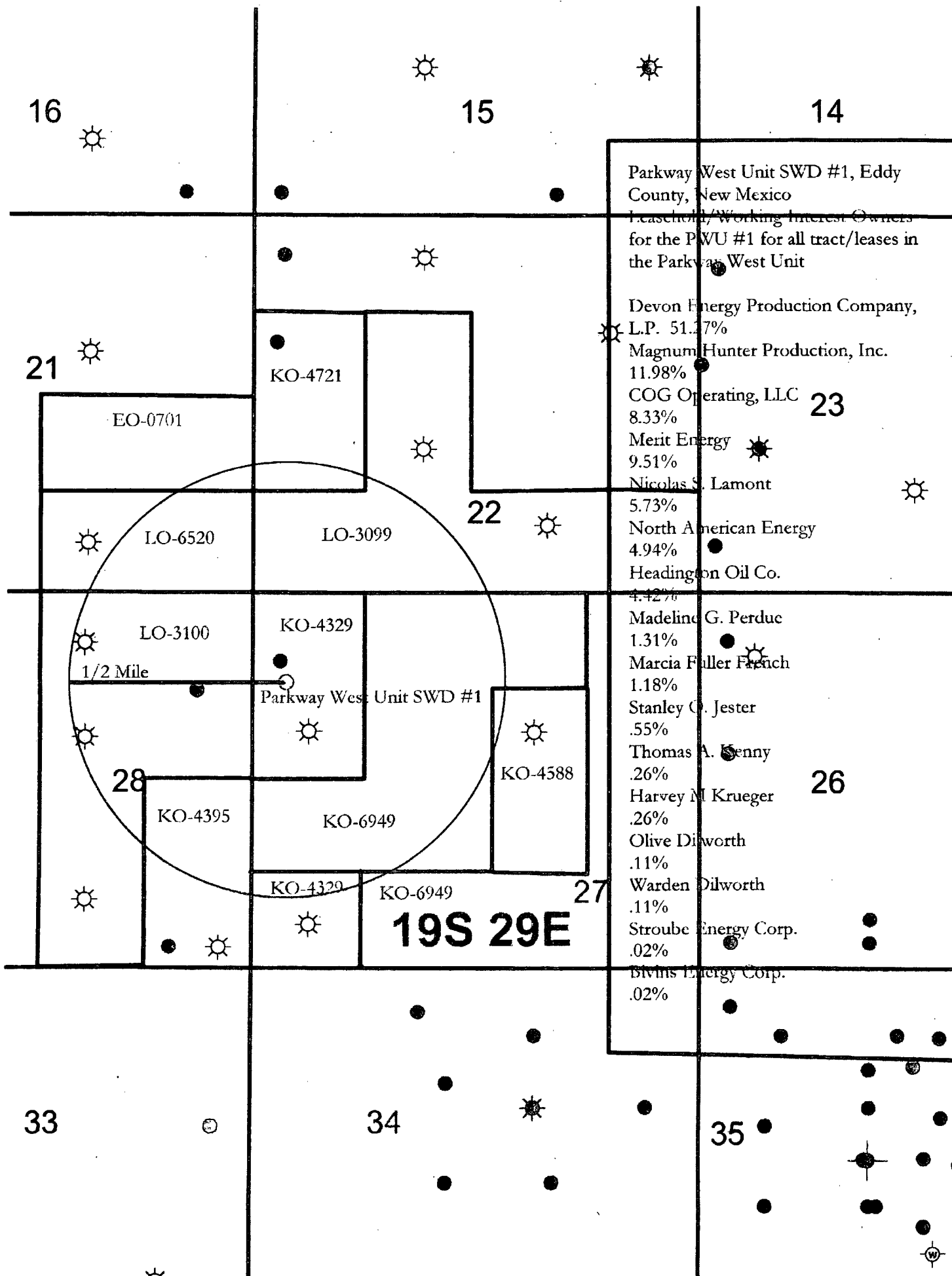
  
Ken Gray  
Senior Advisor, Land

Intrepid Potash, Inc. does hereby waive the twenty (20) day notice period for the referenced wells. By its waiver, Intrepid does not agree to or assume the risks of any release of oil or gas or other substance from the wells into the environment, including underground mine workings, arising out of or attributable to Devon's drilling, operation, plugging and abandonment of the wells.

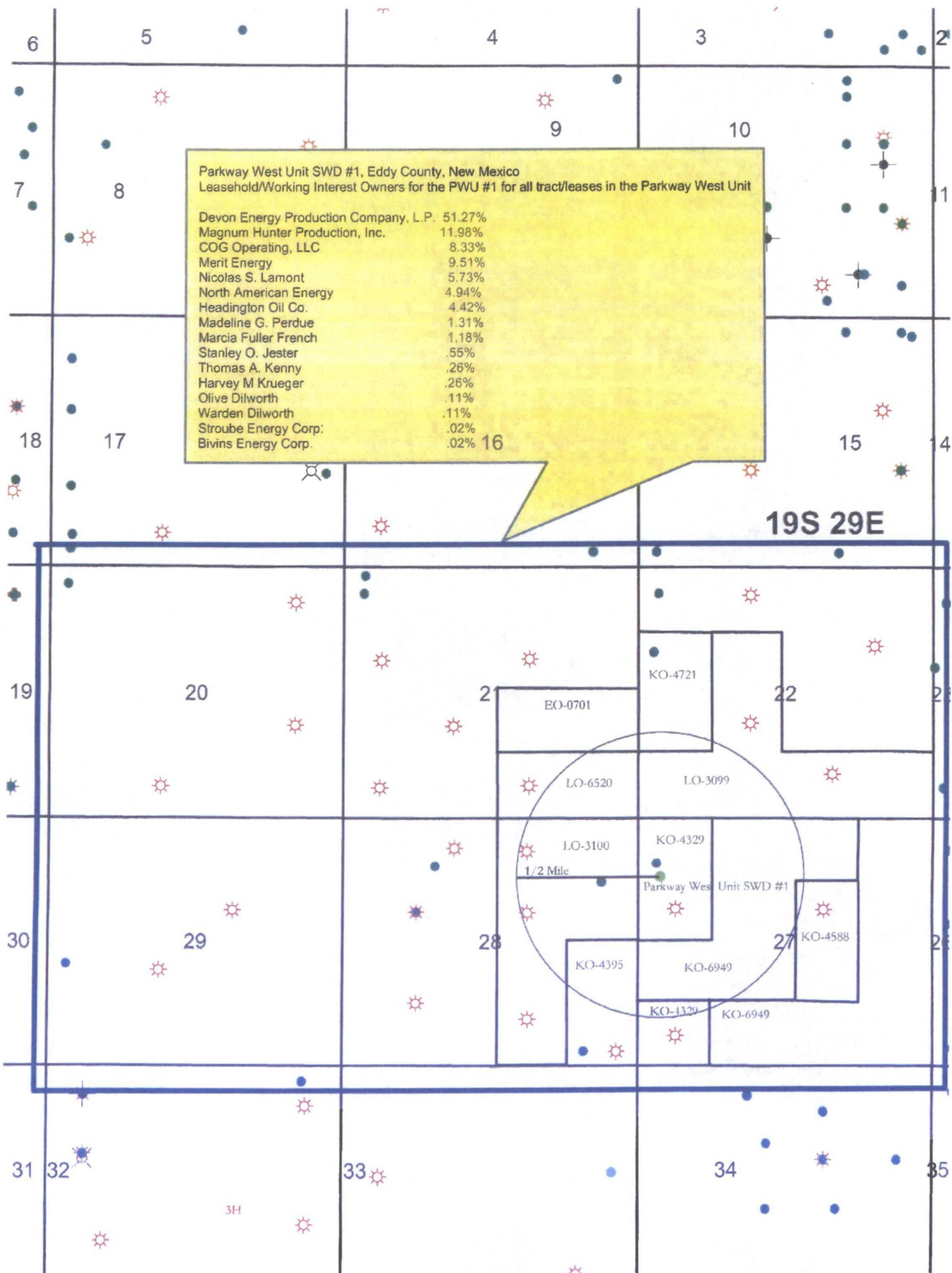
Agreed to and accepted this 19<sup>th</sup> day of March, 2013.

Intrepid Potash-New Mexico, LLC

  
Martin D. Litt, Executive Vice President and General Counsel







Parkway West Unit SWD #1, Eddy County, New Mexico  
Leasehold/Working Interest Owners for the PWU #1 for all tract/leases in the Parkway West Unit

Devon Energy Production Company, L.P.	51.27%
Magnum Hunter Production, Inc.	11.98%
COG Operating, LLC	8.33%
Merit Energy	9.51%
Nicolas S. Lamont	5.73%
North American Energy	4.94%
Headington Oil Co.	4.42%
Madeline G. Perdue	1.31%
Marcia Fuller French	1.18%
Stanley O. Jester	.55%
Thomas A. Kenny	.26%
Harvey M. Krueger	.26%
Olive Dilworth	.11%
Warden Dilworth	.11%
Stroube Energy Corp.	.02%
Bivins Energy Corp.	.02%

19S 29E

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32

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34

35

3H

EO-0701

KO-4721

LO-6520

LO-3099

LO-3100

KO-4329

1/2 Mile

Parkway West Unit SWD #1

KO-4395

KO-6949

KO-4329

KO-6949

KO-4588

**Parkway West Unit Working Interest and Surface Ownership**

**½ mile Parkway West Unit SWD #1**

**Township 19 South, Range 29 East, Eddy County, NM**

Section 21: N/2 SE/4, S/2 SE/4

Section 22: SW/4 NW/4, NW/4 SW/4, SW/4 SW/4, SE/4 SW/4, NE/4 SW/4

Section 27: W/2 NW/4, NW/4 SW/4, SW/4 SW/4, SE/4 SW/4, SE/4 NW/4, NE/4 NW/4,  
NW/4 NE/4, SW/4 NE/4

Section 28: NE/4, W/2 SE/4, E/2 SE/4

**Surface Owner**

Commissioner of Public Lands  
State of New Mexico  
P.O. Box 1148  
Santa Fe, NM 87504-1148

**Working Interest Owners**

Devon Energy Production Company, L.P.                      51.27%  
333 West Sheridan Avenue  
Oklahoma City, OK 73102

Magnum Hunter Production, Inc.  
c/o Cimarex Energy Company  
600 N. Marienfeld, Suite 600  
Midland, TX 79701

COG Operating, LLC    8.33%  
Fasken Tower II  
550 W. Texas, Suite 1300  
Midland, TX 79701

Merit Energy    9.51%  
13727 Noel Road, Suite 500  
Dallas, TX 75240

Nicolas S. Lamont    5.73%  
244 Ridgewood Avenue  
Hamden, CT 06517

North American Energy Investors                              4.94%  
500 Crescent Court, Suite 270  
Dallas, TX 75201

Headington Oil Co. 2711 N. Haskell Ave., Suite 2800 Dallas, TX 75204	4.42%
Madeline G. Perdue Estate c/o Twilley, Rommel & Stephens P.O. Box 766 Salisbury, MD 21803	1.31%
Marcia Fuller French c/o L.R. French, Jr. AIF P.O. Box 11327 Midland, TX 79702	1.18%
Stanley O. Jester 3470 Wrangler Way Park City, UT 84098-4810	.55%
Thomas A. Kenny 12850 Marsh Landing Palm Beach Garden, FL 34418	.26%
Harvey M. Krueger 745 Seventh Avenue New York, NY 10019	.26%
Olive Dilworth 1909 West 22 <sup>nd</sup> Place Chicago, IL 60608-4205	.11%
Warden Dilworth 350 Danforth Street Portland, ME 04102	.11%
Stroube Energy Corp. 17194 Preston Road, #102 Dallas, TX 75248	.02%
Bivins Energy Corp. 4925 Greenville Ave., Suite 814 Dallas, TX 75206	.02%

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

Proof of Notice to Leasehold Operators within 1/2 mile of Parkway West SWD #1

Magnum Hunter Production, Inc.  
c/o Cimarex Energy Company  
600 N. Marienfeld, Suite 600  
Midland, TX 79701

Certified receipt No.  
7008-1830-0002-1986-6817

COG Operating, LLC  
Fasken Tower II  
550 W. Texas, Suite 1300  
Midland, TX 79701

Certified receipt No.  
7008-1830-0002-7421-5903

Merit Energy  
13727 Noel Road, Suite 500  
Dallas, TX 75240

Certified receipt No.  
7008-1830-0002-7421-5750

Nicolas S. Lamont  
244 Ridgewood Avenue  
Hamden, CT 06517

Certified receipt No.  
7008-1830-0002-7421-5743

North American Energy Investors  
500 Crescent Court, Suite 270  
Dallas, TX 75201

Certified receipt No.  
7008-1830-0002-7421-5736

Headington Oil Co.  
2711 N. Haskell Ave., Suite 2800  
Dallas, TX 75204

Certified receipt No.  
7008-1830-0002-7421-5729

Madeline G. Perdue Estate  
c/o Twilley, Rommel & Stephens  
P.O. Box 766  
Salisbury, MD 21803

Certified receipt No.  
7008-1830-0002-7421-5712

Marcia Fuller French  
c/o L.R. French, Jr. AIF  
P.O. Box 11327  
Midland, TX 79702

Certified receipt No.  
7008-1830-0002-7421-5705

Stanley O. Jester  
3470 Wrangler Way  
Park City, UT 84098-4810

Certified receipt No.  
7008-1830-0002-7421-5682

Thomas A. Kenny  
12850 Marsh Landing  
Palm Beach Garden, FL 34418

Certified receipt No.  
7008-1830-0002-7421-5668

Harvey M. Krueger  
745 Seventh Avenue  
New York, NY 10019

Certified receipt No.  
7008-1830-0002-7421-5675

Olive Dilworth  
1909 West 22<sup>nd</sup> Place  
Chicago, IL 60608-4205

Certified receipt No.  
7008-1830-0002-7421-6016

Warden Dilworth  
350 Danforth Street  
Portland, ME 04102

Certified receipt No.  
7008-1830-0002-7421-6023

Stroube Energy Corp.  
17194 Preston Road, #102  
Dallas, TX 75248

Certified receipt No.  
7008-1830-0002-7421-6030

Bivins Energy Corp.  
4925 Greenville Ave., Suite 814  
Dallas, TX 75206

Certified receipt No.  
7008-1830-0002-7421-6047

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 Parkway West 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:

04/22/2013

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

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

New Mexico State Land Office  
Attn: Surface Division  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87501

Certified receipt No.  
7008 1830 0003 1986 6824

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 Parkway West SWD #1.

Date Mailed: \_\_\_\_\_

04/22/2013

Signature: \_\_\_\_\_



Date: \_\_\_\_\_

04/22/2013

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

**Affidavit of Publication**

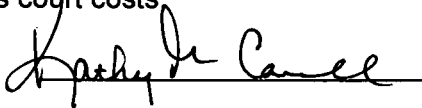
State of New Mexico,  
County of Eddy, ss.

**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:

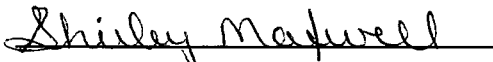
April 17 2013

That the cost of publication is **\$60.74** and that payment thereof has been made and will be assessed as court costs.



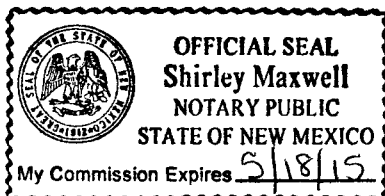
Subscribed and sworn to before me this

17th day of April, 2013



My commission Expires on May 18, 2015

Notary Public



**April 17, 2013**  
**Legal Notice**

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 Parkway West SWD #1, will be a new drill; the proposed location is 1255' FNL & 430' FWL, Section 27, Township 19 South, Range 29 East, in Eddy County, New Mexico, API # 30-015-40835. Disposal water will be sourced from area wells producing from the Bone Spring and Delaware formations. The disposal water will be injected into the Mississippian/Silurian/Ordovician formation at a depth of 11,995' to 13,435' at a maximum surface pressure of 2399 psi and a maximum rate of 10,000 BWP/D. 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 Trevor Klaassen at Devon Energy Corporation, 333 West Sheridan, Oklahoma City, OK 73102, or call (405) 552-5069.

Submit 1 Copy to Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised August 1, 2011

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		WELL API NO. 30-015-40835
2. Name of Operator Devon Energy Production Company, L.P.		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 333 W. Sheridan Avenue, Oklahoma City, Oklahoma 73102 (405) 552-7970		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>D: 1255</u> feet from the <u>North</u> line and <u>430</u> feet from the <u>West</u> line Section <u>27</u> Township <u>19S</u> Range <u>29E</u> NMPM Eddy, County New Mexico		7. Lease Name or Unit Agreement Name Parkway West SWD
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3341.4		8. Well Number 1
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> OTHER: Change to Original APD <input checked="" type="checkbox"/>		9. OGRID Number 6137
10. Pool name or Wildcat SWD; Yates-7 RVR-SQU_GB_SAN ANDRES		11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3341.4

SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
--	--

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Devon respectfully requests a change to a deeper injection interval on the Parkway SWD I. 7" will be set down to 12535', after which a 6-1/8" hole will be drilled for an open hole completion.

Casing Program:

Hole Size	Hole Interval	OD Csg	Casing Interval	Weight	Collar	Grade
17-1/2"	0 - 320	13-3/8"	0 - 320	48#	BTC	H-40
12-1/4"	320 - 2950	9-5/8"	0 - 2950	40#	LTC	J-55
8-3/4"	2950 - 12535	7"	0 - 12535	29#	LTC	P-110
6-1/8"	12535-13435	-	-	-	-	-

This will be an open hole completion. We will drill down to 12535' and set 7" and drill the injection zone with a 6-1/8" bit to 13435'.

Mud Program:

Depth	Mud Wt.	Visc.	Fluid Loss	Type System (Fluid)
0 - 320	8.4 - 9.0	30 - 34	N/C	FW
320 - 2950	9.8 - 10.0	28 - 32	N/C	Brine
2950 - 12535	8.6 - 9.0	28 - 32	N/C	FW
12535-13435	9.0 - 10.5	28 - 32	N/C	Brine

See Attached

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

SIGNATURE Erin Workman TITLE Regulatory Compliance Associate DATE 04/15/13

Type or print name Erin Workman E-mail address: Erin.Workman@dmn.com PHONE: (405) 552-7970

For State Use Only

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any): \_\_\_\_\_

Pressure Control Equipment:

The BOP system used to drill the intermediate hole will consist of a 13-5/8" 3M Double Ram and Annular preventer. The BOP system will be tested as a 3M system prior to drilling out the surface casing shoe.

The BOP system used to drill the production hole will consist of a 13-5/8" 3M Double Ram and Annular preventer. The BOP system will be tested as a 3M system prior to drilling out the intermediate casing shoe.

In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP.

**TD 13435**

**Cementing Program (cement volumes based on Surface 100% excess, Intermediate on 50% excess and at least 25% excess on the Production.)**

13-3/8" Surface

**TOC @ surface**

**Tail:** 330 sacks Class C Cement + 2% bwoc Calcium Chloride + 0.125 lbs/sack Poly-E-Flake + 63.1% Fresh Water, 14.8 ppg

**Yield:** 1.35 cf/sk

9-5/8" Intermediate

**Lead:** 500 sacks (65:35) Class C Cement:Poz (Fly Ash): + 5% bwow Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 6% bwoc Bentonite + 70.9% Fresh Water, 12.9 ppg

**Yield:** 1.85 cf/sk

**TOC @ surface**

**Tail:** 360 sacks Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Water, 14.8 ppg

**Yield:** 1.33 cf/sk

7" Production

**1<sup>st</sup> Stage**

**Lead:** 200 sacks (65:35) Class H Cement:Poz (Fly Ash) + 6% bwoc Bentonite + 0.2% bwoc HR-601 + 74.1% Fresh Water, 12.5 ppg

**Yield:** 1.95 cf/sk

**Tail:** 475 sacks (50:50) Class H Cement:Poz (Fly Ash) + 1 lb/sk Sodium Chloride + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.1% bwoc HR-601 + 2% bwoc Bentonite + 58.8% Fresh Water, 14.5 ppg

**Yield:** 1.22 cf/sk

**DV TOOL at 7500 ft**

**2<sup>nd</sup> Stage**

**Lead:** 310 sacks Class C Cement + 3% bwoc Econolite + 0.125 lbs/sack Poly-E-Flake + 82.4% Fresh Water, 11.4 ppg

**Yield:** 2.87 cf/sk

**Tail:** 100 sacks Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water, 14.8 ppg

**Yield:** 1.33cf/sk

**TOC @ 2450 ft**

**TOC for All Strings:**

Surface:	0
Intermediate:	0
Production:	2450 ft

**ACTUAL CEMENT VOLUMES WILL BE ADJUSTED BASED ON FLUID CALIPER AND CALIPER LOG DATA.**



## District I

1625 N French Dr., Hobbs, NM 88240  
Phone (575) 393-6161 Fax (575) 393-0720

## District II

811 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 and Natural Resources

## Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101  
Revised October 25, 2012

☐ AMENDED REPORT

RECEIVED

NOV 14 2012

## APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK OR ADD A ZONE

1 Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, L. PL 333 W. Shendan Oklahoma City, Ok 73102		2 OGRID Number 6137
3 API Number 30-015-40835		4 Well No. 1
5 Property Code 39544	6 Property Name PARKWAY WEST SWD	

## 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	27	19 S	29 E		1255	North	430	West	Eddy

## 8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	27	19 S	29 E		1255	North	430	West	Eddy

## 9. Pool Information

SWD; Yates-7 RVRS - QU-GB- SA	96140
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## Additional Well Information

11 Work Type N	12 Well Type SWD	13 Cable/Rotary R	14 Lease Type State	15 Ground Level Elevation 3341.4
16 Multiple S	17 Proposed Depth 2650'	18 Formation Grayburg GQSR	19 Contractor	20 Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

## 21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
J-55	12.25	9.625	40	450	225	Surface
L-80	8.75	7	26	2650	490	Surface

## Casing/Cement Program: Additional Comments

--

## 22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Tripple Ram	3000	3000	
Annular	3000	3000	

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

I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature:

Printed name: Judy A. Barnett

Title: Regulatory Specialist

## OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date: 11/14/2012

Expiration Date:

11/14/2014

E-mail Address: Judith.Barnett@dm.com		
Date: 11/13/12	Phone: 405.228.86599	Conditions of Approval Attached

District I  
1625 N. French Dr. Hobbs, NM 88240  
Phone (575) 393-6161 Fax (575) 393-0729  
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Phone (505) 334-6175 Fax (505) 334-6170  
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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

<sup>1</sup> API Number <b>30-015-40835</b>	<sup>2</sup> Pool Code <b>96140</b>	<sup>3</sup> Pool Name <b>GRAYBURG, (GQSRM) SWD. YATB-TRV3-Qu-GB-SA</b>
<sup>4</sup> Property Code <b>39544</b>	<sup>5</sup> Property Name <b>PARKWAY WEST SWD</b>	<sup>6</sup> Well Number <b>1</b>
<sup>7</sup> OGRID No. <b>6137</b>	<sup>8</sup> Operator Name <b>DEVON ENERGY PRODUCTION COMPANY, L.P.</b>	<sup>9</sup> Elevation <b>3341.4</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>D</b>	<b>27</b>	<b>19 S</b>	<b>29 E</b>		<b>1255</b>	<b>NORTH</b>	<b>430</b>	<b>WEST</b>	<b>EDDY</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

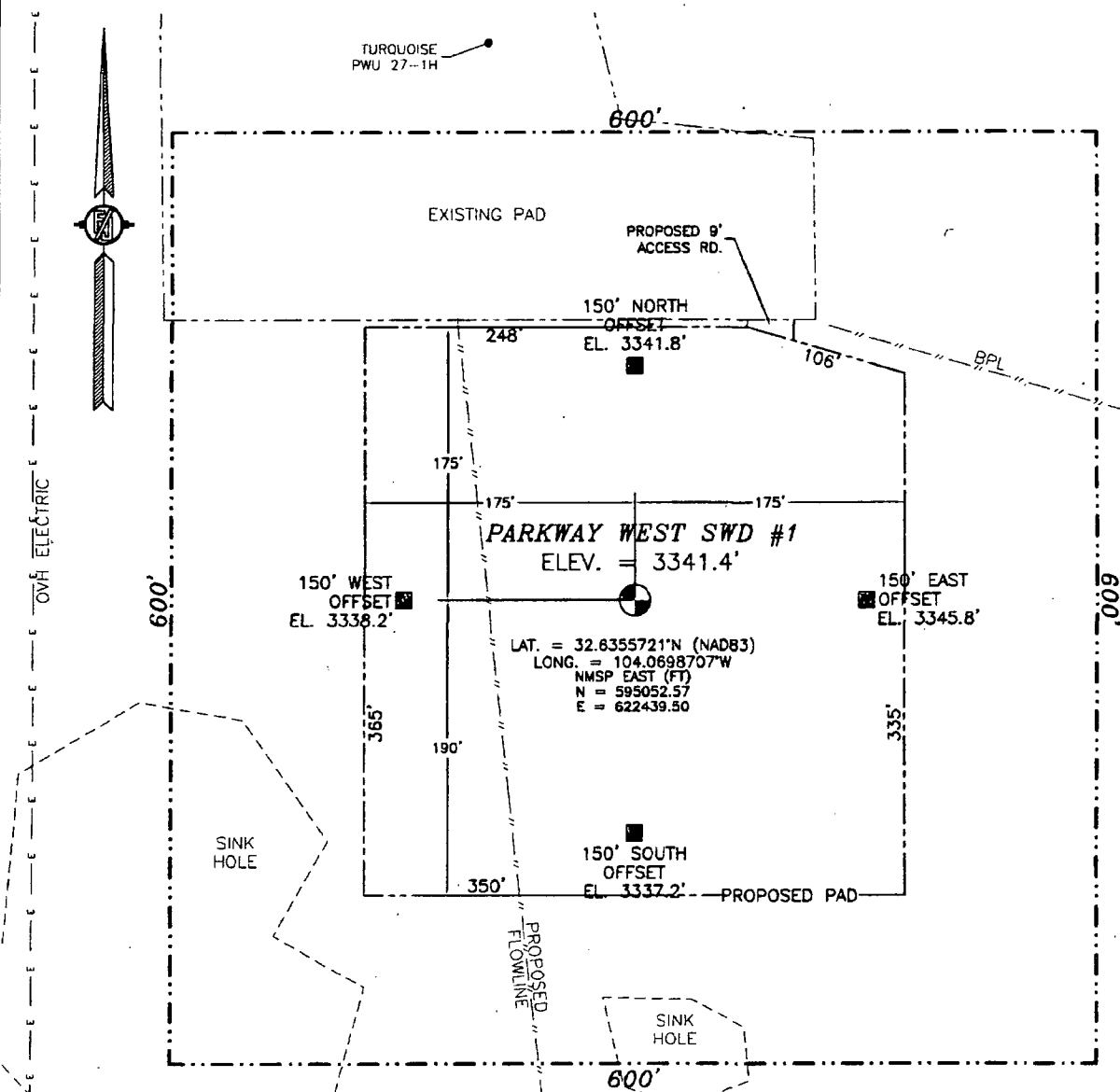
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres <b>40</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<p>N89°22'07"W 2632.22 FT</p> <p>NW CORNER SEC 27 LAT. = 32.6390370°N LONG. = 104.0712463°W</p> <p>NMSP EAST (FT) N = 596312.05 E = 622012.94</p> <p>SURFACE LOCATION</p> <p>430' PARKWAY WEST SWD #1 ELEV = 3341.4 LAT = 32.6355721°N (MAD83) LONG. = 104.0698707°W NMSP EAST (FT) N = 595052.57 E = 622439.50</p> <p>W O CORNER SEC 27 LAT. = 32.6317485°N LONG. = 104.0712904°W NMSP EAST (FT) N = 593660.44 E = 622005.99</p> <p>SW CORNER SEC 27 LAT. = 32.6244740°N LONG. = 104.0713099°W NMSP EAST (FT) N = 591013.90 E = 622006.42</p> <p>COMPUTED</p> <p>S89°54'24"E 2644.63 FT</p>			<p>S89°50'52"W 2635.85 FT</p> <p>N O CORNER SEC 27 LAT. = 32.6389391°N LONG. = 104.0626959°W</p> <p>NMSP EAST (FT) N = 596283.05 E = 624645.01</p> <p>NE CORNER SEC 27 LAT. = 32.6389396°N LONG. = 104.0541330°W</p> <p>NMSP EAST (FT) N = 596290.05 E = 627280.85</p> <p>E O CORNER SEC 27 LAT. = 32.6316834°N LONG. = 104.0541238°W</p> <p>NMSP EAST (FT) N = 593650.20 E = 627290.61</p> <p>SE CORNER SEC 27 LAT. = 32.6244132°N LONG. = 104.0541300°W</p> <p>NMSP EAST (FT) N = 591005.28 E = 627295.67</p> <p>S89°54'24"E 2644.63 FT</p>			<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>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 undivided 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.</p> <p>Signature: <i>Judy A. Barnett</i> Date: <b>11/13/12</b></p> <p>Printed Name: <b>Judy A. Barnett Regulatory Specialist</b></p> <p>E-mail Address:</p>		
<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>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.</p> <p>SEPTEMBER 6, 2012</p> <p>Date of Survey:</p> <p>Signature and Seal of Professional Surveyor: <i>[Signature]</i></p> <p>Certificate Number: <b>120100 F JARAMILLO, PLS 12797</b></p> <p>SURVEY NO 1260</p>								

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO



010 50 100 200

SCALE 1" = 100'

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CR 206 (ILLINOIS CAMP) AND CR 235 (CURRY COMB) GO SE ON CR 235 FOR 3.1 MILES TO CR 246 (WILLMAN ROAD) CONTINUE LEFT (EAST) ON CR 235 FOR 6.0 MILES TURN RIGHT (SOUTH) ON CALICHE LEASE RD FOR 1.0 MILES TURN LEFT (EAST) ON CALICHE LEASE RD FOR 0.25 MILES TO TURQUOISE PWU 27 #001H PAD SITE IS ABOUT 200FT SOUTH OF PAD

DEVON ENERGY PRODUCTION COMPANY, L.P.

**PARKWAY WEST SWD #1**

LOCATED 1255 FT. FROM THE NORTH LINE

AND 430 FT. FROM THE WEST LINE OF

SECTION 27, TOWNSHIP 19 SOUTH,

RANGE 29 EAST, N.M.P.M.

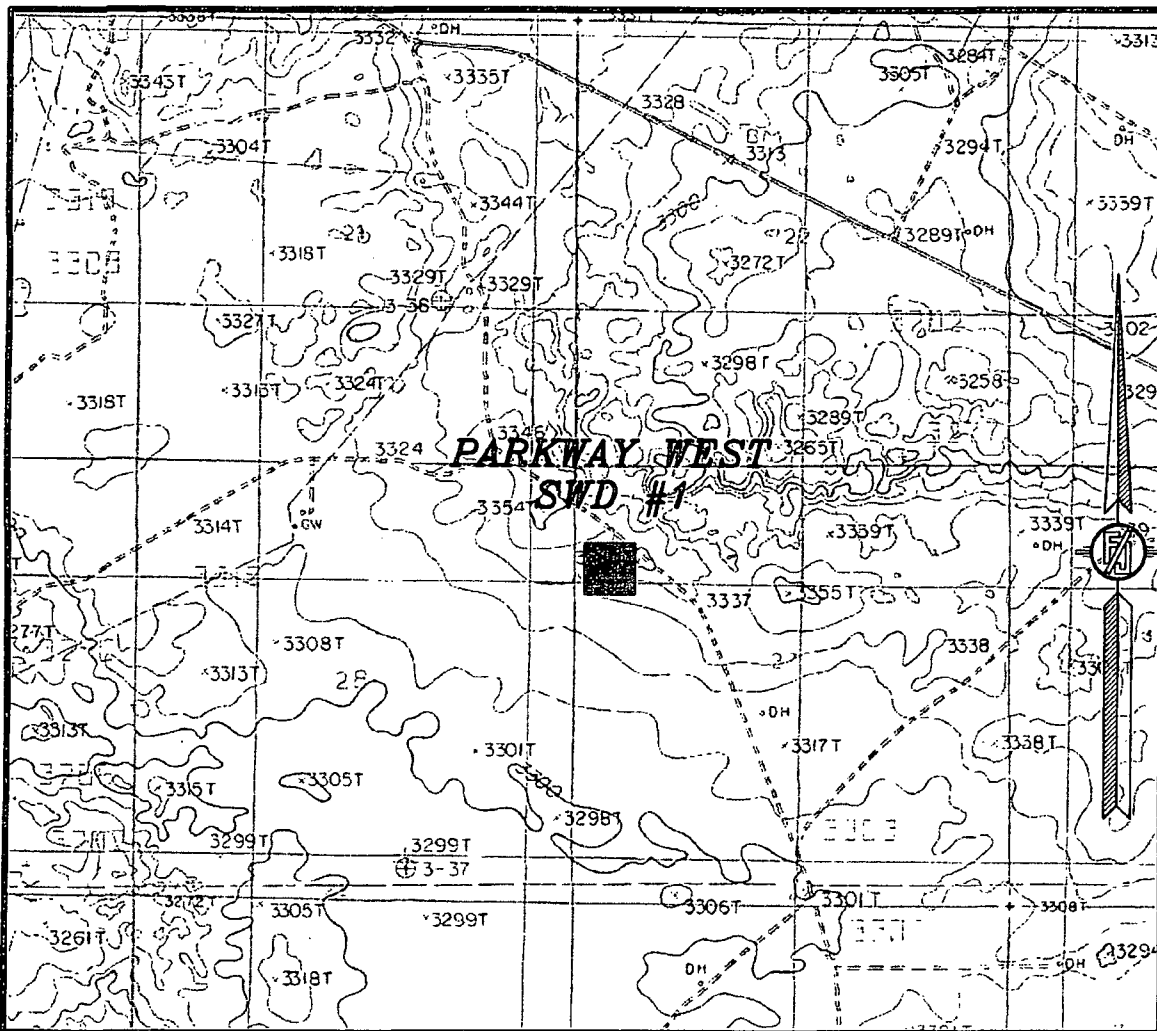
EDDY COUNTY, STATE OF NEW MEXICO

SEPTEMBER 6, 2012

SURVEY NO. 1266

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

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
LOCATION VERIFICATION MAP



USGS QUAD MAP:  
ILLINOIS CAMP NE

NOT TO SCALE

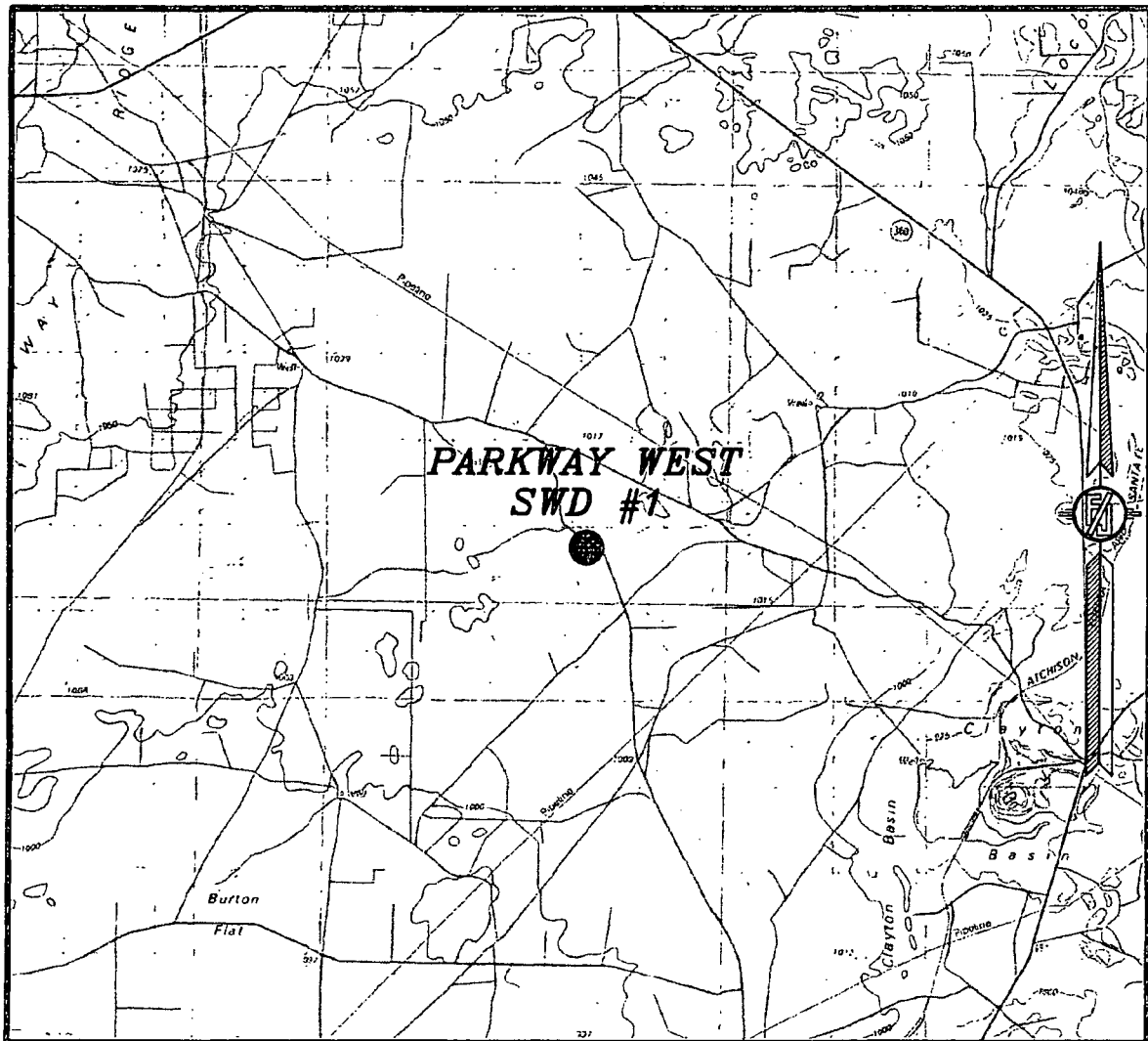
DEVON ENERGY PRODUCTION COMPANY, L.P.  
**PARKWAY WEST SWD #1**  
LOCATED 1255 FT. FROM THE NORTH LINE  
AND 430 FT. FROM THE WEST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

SEPTEMBER 6, 2012

SURVEY NO. 1266

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

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.  
PARKWAY WEST SWD #1

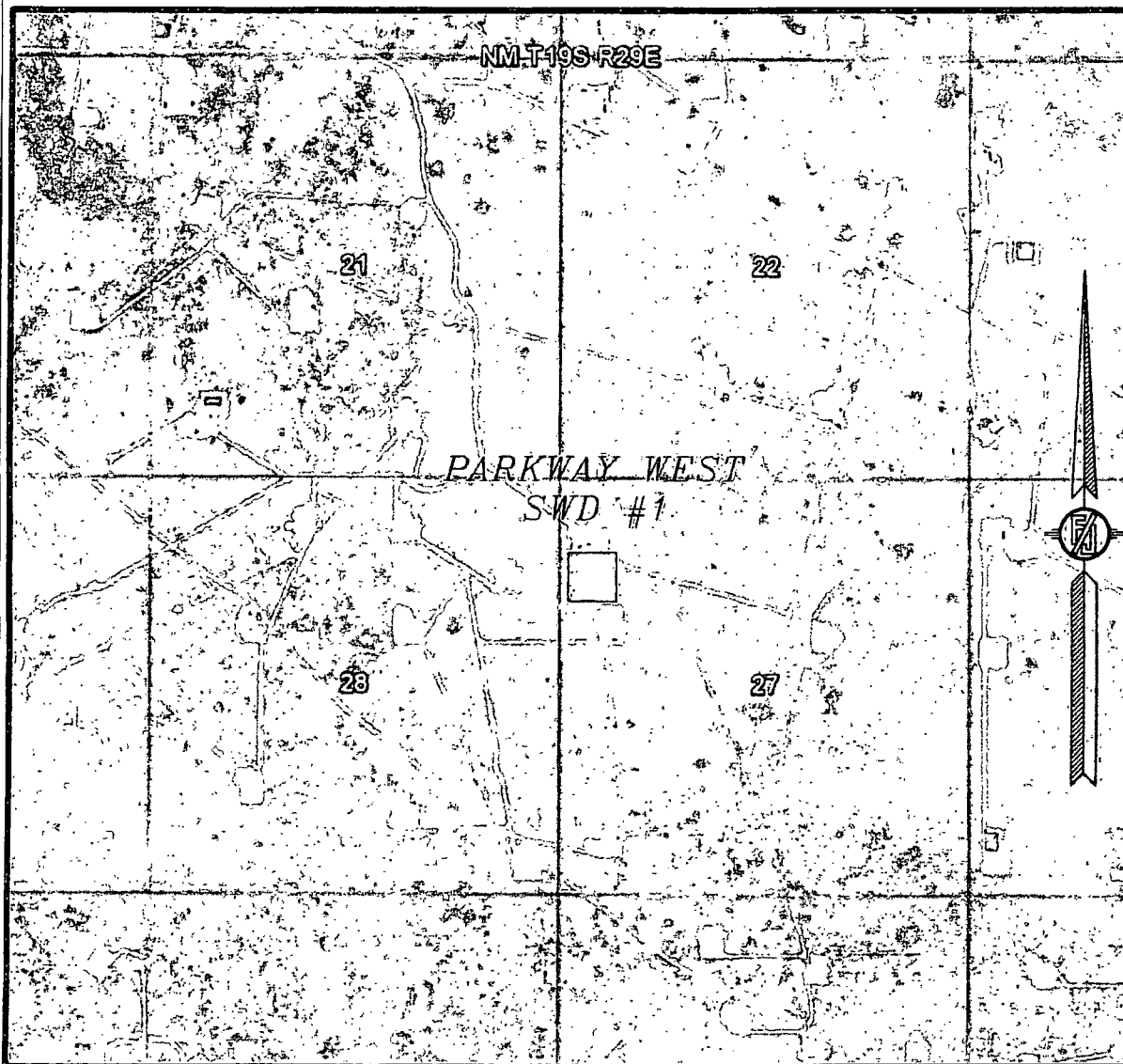
LOCATED 1255 FT. FROM THE NORTH LINE  
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SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

SEPTEMBER 6, 2012

SURVEY NO. 1266

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

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
**AERIAL PHOTO**



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
JUNE 2011

**DEVON ENERGY PRODUCTION COMPANY, L.P.**  
**PARKWAY WEST SWD #1**

LOCATED 1255 FT. FROM THE NORTH LINE  
AND 430 FT. FROM THE WEST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

SEPTEMBER 6, 2012

SURVEY NO. 1266

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

# DEVON ENERGY PRODUCTION COMPANY LP

Well Name: Parkway SWD #1		Field: Parkway West	
Location: Sec 27 - 19S-29E ; 1255' FNL & 430' FWL		County: Eddy	State: NM
Elevation: 3341.4		Spud Date: N/A	Compl Date: N/A
API#: N/A	Prepared by: Kale Jackson	Date: 11/9/12	Rev:

12-1/4" hole

9-5/8", 40#, J55, LTC @ 450'

1,400' of 3.5 9.3# IPC L-80 Tubing w/  
Weatherford 7" Nickel Coated Arrow-  
set Packer

8-3/4" hole

7", 26#, L80: 0' to 2,650'

PBTD: 2600

TD: 2650

PROPOSED  
PERF  
INTERVAL  
1,450' - 2,650'  
"Artesia  
Group"  
(YSRQG)