

9/26/2014 DATE IN	SUSPENSE	PRG ENGINEER	9/26/2014 LOGGED IN	SWD TYPE	PMA414 26954843 APP NO
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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



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

Stephanie.Porter@divn.com
e-mail Address

Date

COPY
- SWD
- Devon Energy
Production Company
L.P.
6137
Well
Parkway
SWD #2
30-015-42687
Pool
SWD, Miss - Devonian
96139
RECEIVED OGD
2014 SEP 26 P 2:21

9/29/2014

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: _____ 7/25/2014 _____
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.

WELL NAME & NUMBER: PARKWAY SWD #2

WELL LOCATION: 650' FSL & 500' FWL M 29 T19S R29E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELL CONSTRUCTION DATA

Surface Casing

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: PARKWAY SWD #2		Field: PARKWAY WEST	
Location: Sec 29 - 19S-29E : 650' FSL & 500' FWL		County: EDDY	State: NM
Elevation: 3312		Spud Date: N/A	
API#: 30-015-xxxxx	Prepared by: Stephanie Porter	Date: 2/26/14	Rev:

PROPOSED DRILL WELL FOR SWD

28" hole
13-3/8" .68# J-65 BTC @ 3360'
 Cmfd w/850 sx to surface

17-1/2" hole
13-3/8" .68# J-65 BTC @ 3330'
 Cement w/2450 sx to surface

12-1/4" hole
9-5/8" .47# P-110 LIG @ 9200'
 Cmfd w/1360 sx lead, 1100 sx tail to surface

Proposed SWD Conversion
 APID 40,000 GAL 15% HCL

8-3/4" hole
7" .20# L80 P-110 BTC @ 11,775'
 Cmfd w/875 sx
 TOC ~ 8700'

6-1/8" Open Hole
 11,775' - 14,000'

FORMATION TOPS

Rustler	Surface
Salado	280'
Base Salado	970'
Tansil Dolomite	1045'
Yates	1175'
Seven Rivers	1485'
Queen	2020'
San Andres	2940'
Delaware	3375'
Bone Spring Lime	4955'
1st Bone Spring Sand	6800'
2nd Bone Spring Lime	6955'
2nd Bone Spring Sand	7585'
3rd Bone Spring Lm	7875'
3rd Bone Spring Sand	8600'
Woitcamp	9040'
Penn	9935'
Strawn	10165'
Atoka Shale	10600'
Morrow Lime	10695'
Middle Morrow	11085'
Lower Morrow	11270'
Upper Barnett	11500'
Lower Barnett	11675'
Mississippian Lime	11775'
Woodford	12255'
Siluro-Devonian	12315'
Montoya	13225'
Simpson	13505'

PROPOSED
 T2 On/Off Tool
 4-1/2", 11.6#, L80, IPC, tubing
 7" Nickel Coated Arrow-set packer set @ 11,725'

PROPOSED INJECTION INTERVAL
 MISSISSIPPIAN/SILURIAN/ORDOVICIAN
 11,775' - 14,000'

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 26" Casing Size: 20", 94# @ 350'
Cemented with: 850 sx. *or* ft³
Top of Cement: Surface Method Determined: Circ. cement

Intermediate Casing

Hole Size: 17-1/2" Casing Size: 13-3/8", 68#, @ 3330'
Cemented with: 2460 sx. **or** _____ ft³
Top of Cement: Surface Method Determined: Circ. cement

Intermediate Casing

Hole Size: 12-1/4" Casing Size: 9-5/8", 47#, @ 9200'
Cemented with: 675 sq. **or** ft³
Top of Cement: Surface Method Determined: Circ. Cmt

Production Casing

Hole Size: 8-3/4" Casing Size: 7", 29#, @ 11775'
 Cemented with: 675 sx. **or** _____ ft³
 Top of Cement: TOC @ 8700' Method Determined: Calc TOC _____

Injection Interval (Open Hole)

11775' to 14000'

(Perforated or Open Hole; indicate which)

Proposed Injection Well: Parkway SWD #2

API: 30-015-

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: 1177 psi
Proposed max injection pressure: 2355 psi
- (4) The injection fluid will be produced water from area wells producing from the Delaware/Bone Spring formation that will be injected into the Mississippian/Silurian/Ordovician formation.
- (5) A representative water analysis is submitted for the Bone Spring formation(s).

VIII Geologic Injection Zone Data

The injection zone is the Mississippian/Silurian/Ordovician formation from 11775' to 14000'. The gross injection interval is 2225' thick. The Mississippian/Silurian/Ordovician formation is a Permian aged sandstone. The average depth to fresh water is 100' 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 found on the Office of the State Engineer's website.

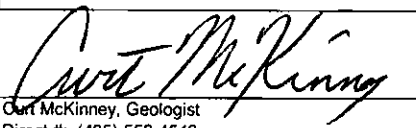
XII Geologic / Engineering Statement

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 #2 (SWSW 29-19S-29E; PTD 14,000)

The proposed interval for disposal per the Parkway SWD #2 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 only one existing well has penetrated this interval. The P&A Sunray DX New Mexico State Q #1 (API 30-015-03612) is located in the NWNW of Section 32-19S-29E about 1200' south-southwest of the subject proposed location. The New Mexico State Q #1 reached a TD of 12429' in the Silurian Wristen formation in February 1960. The Silurian top was encountered at 12,307'. A drillstem test of the Silurian section from 12371' to 12429' recovered 12,380' of brackish sulphur water. After plugging back the well to 12350', the uppermost part of the Silurian section was acidized in the open hole from 12,322' to 12,350' and tested 640 mcf/d at 850 psi flowing tubing pressure. A 13.5 hour shut-in bottom hole pressure survey showed 5000 psi. The modest gas rate, sub-hydrostatic shut-in and low flowing pressures led the operator to abandon the Silurian below a packer. After additional testing uphole in the Morrow and Atoka section, the well was ultimately completed as a low volume Atoka gas well. The well was P&A according to NMOCD guidelines in 2000 by Strata Production Company.

The Silurian and older measures require significant structural closure to trap in the Delaware Basin. Regionally, along the southern edges of the Northwest Shelf of the Delaware Basin, Silurian structures, where they exist, typically produce very modest amounts of gas and predominantly black sulphur water. This is due to the generally mild tectonic deformation on the Northwest Shelf resulting in small structures to begin with and subsequent basinward tilting in early Cretaceous time breaching these small structural traps. The occasional hydrocarbon tests in a minority of older Silurian tests such as the New Mexico State Q #1, are remnants of small, breached traps. The production test results of the Silurian in the New Mexico State Q #1 indicate a small, non-economic breached trap at best. Using the Lower Morrow structural top as a proxy for the Silurian top, it appears the proposed location will penetrate the Silurian section essentially flat to the Sunray DX New Mexico State Q #1 well. Therefore, no waste of economic hydrocarbon reserves is anticipated by disposing of produced water into the Mississippian/Silurian/Ordovician sequence at the proposed location.


Curt McKinney, Geologist
Direct #: (405)-552-4542
Cell #: (405)-626-2369

9/24/14
Date:

XIII Proof of Notice

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

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: PARKWAY SWD #2		Field: PARKWAY WEST	
Location: Sec 29 - 19S-29E ; 650' FSL & 500' FWL		County: EDDY	State: NM
Elevation: 3312		Spud Date: N/A	Compl Date: N/A
API#: 30-015-xxxxx	Prepared by: Stephanie Porter	Date: 2/26/14	Rev:

PROPOSED DRILL WELL FOR SWD

26" hole
13-3/8", 68#, J-55, BTC @ 350'
 Cmt'd w/850 sx to surface

17-1/2" hole
13-3/8", 68#, J55, BTC, @ 3,330'
 Cement w/2450 sx to surface

12-1/4" hole
9-5/8" 47#, P-110 LTC, @ 9,200'
 Cmt'd w/1360 sx lead, 1100 sx tail to surface

Proposed SWD Conversion
 ACID 40,000 GAL 15% HCL

8-3/4" hole
7", 29#, L80, P-110 BTC, @ 11,775'
 Cmt'd w/675 sx
 TOC - 8700

6-1/8" Open Hole
 11,775' - 14,000'

FORMATION TOPS

Rustler	Surface
Salado	280'
Base Salado	970'
Tansil Dolomite	1045'
Yates	1175'
Seven Rivers	1485'
Queen	2020'
San Adres	2940'
Delaware	3375'
Bone Spring Lime	4955'
1st Bone Spring Sand	6800'
2nd Bone Spring Lime	6955'
2nd Bone Spring Sand	7585'
3rd Bone Spring Lm	7875'
3rd Bone Spring Sand	8600'
Wolfcamp	9040'
Penn	9935'
Strawn	10165'
Atoka Shale	10600'
Morrow Lime	10695'
Middle Morrow	11085'
Lower Morrow	11270'
Upper Barnett	11500'
Lower Barnett	11675'
Mississippian Lime	11775'
Woodford	12255'
Siluro-Devonian	12315'
Montoya	13225'
Simpson	13505'

*Transitional
to Caprock*

Cap zone

*Base
Combining
zone*

PROPOSED

T2 On/Off Tool
 4-1/2", 11.6#, L80, IPC, tubing
 7" Nickel Coated Arrow-set packer set @ 11,725'

PROPOSED INJECTION INTERVAL
 MISSISSIPPIAN/SILURIAN/ORDOVICIAN
 11,775' - 14,000'

14,000' TD

INJECTION WELL DATA SHEET

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

Type of Packer: 7" Nickel Coated Arrowset Packer

Packer Setting Depth: +/- 11725'

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: Mississippian/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 Surface (Fresh Water ~100'); Salado 280 (Barren); Base Salado 970 (Barren); Tansil Dolomite 1045 (Barren); Yates 1175 (Brine Water); Seven Rivers 1485 (Brine Water); Queen 2020 (Brine Water); San Andres 2940 (Brine Water); Delaware 3375 (Oil); Bone Spring Lime 4955 (Oil/Gas); 1st Bone Spring Sand 6800 (Oil/Gas); 2nd Bone Spring Lime 6955 (Oil/Gas); 2nd Bone Spring Sand 7585' (Oil/Gas); 3rd Bone Spring Lm 7875 (Oil/Gas); 3rd Bone Spring Sand 8600' (Oil/Gas); Wolfcamp 9040 (Oil/Gas); Penn 9935 (Oil/Gas); Strawn 10165 (Gas); Atoka Shale 10600 (Gas); Morrow Lime 10695 (Gas); Middle Morrow 11085 (Gas); Lower Morrow 11270 (Gas); Upper Barnett 11500 (Gas); Lower Barnett 11675 (Gas); Mississippian Lime 11775 (Brine Water); Woodford 12255 (Brine Water); Siluro-Devonian 12315 (Brine Water); Montoya 13225 (Brine Water); Simpson 13505 (Brine Water); Ellenburger 13690 (Brine Water)

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 Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3470 Fax: (505) 476-3492

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
August 1, 2011
Permit 192997

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-42687	2. Pool Code 96103	3. Pool Name SWD, ELLENBURGER
4. Property Code 313738	5. Property Name PARKWAY SWD	6. Well No. 002
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3312

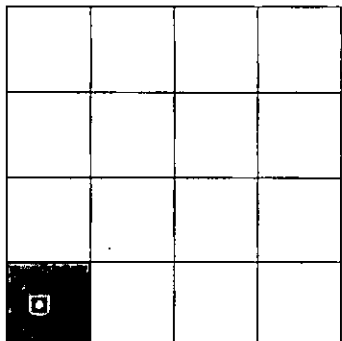
10. Surface Location

UL - Lot M	Section 29	Township 19S	Range 29E	Lot Idn	Feet From 650	N/S Line S	Feet From 500	E/W Line W	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	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

	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>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(s) 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.</i></p> <p>E-Signed By: Randy Bolles Title: Manager, Regulatory Affairs Date: 9/25/2014</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Surveyed By: Filimon Jaramillo Date of Survey: 1/16/2014 Certificate Number: 12797</p>
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C108 ITEM VI--Well Tabulation in 1/2 Mile Review Area

Devon Energy Production Company, LP

Proposed Inj Well: PARKWAY SWD 2

Proposed Formation: Mississippian/Silurian/Ordovician

Proposed Interval: 11755' - 14000'

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	CBL	DV Tool
Devon Energy Prod Co LP	Parkway West Unit SWD 2 (Proposed)	30-015-	Eddy	650' FSL 500' FWL	29	19S	29E	Inj	To Be Drilled	To Be Drilled	To Be Drilled	14000	14000	Devonian/ Silurian/ Ordovician	11755-14000	20' 94# @ 350' 13-3/8" 48# @ 3350' 6-5/8" 47# @ 9200' 7" 28# @ 12315'	850 sx / surface 2450 sx / surface 2460 sx / surface 670 sx / 8700 loc		
Strata Production Co.	Chaparral State 1	30-015-22028	Eddy	1880' FNL 860' FWL	32	19S	29E	Oil	Active	1/30/1977	5/16/1977	11515	10540	Bone Spring	4522 - 4799' 7718 - 7728'	13-3/8" 54.5# @ 358' 8-5/8" 24/32# @ 3053' 7" 28# @ 3351' 4-1/2" 11.6# @ 8000'	500 sx / surface 2450 sx / surface 350 sx / surface 650 sx / 6150 est loc		
Strata Production Co.	Chaparral State 2 (Formerly New Mexico State O 1)	30-015-03612	Eddy	660' FNL 660' FWL	32	19S	29E	Oil	P&A	9/22/1959	2/2/1960	12323	Surf	Bone Spring Morning Atoka Devonian	7380-7396' 10886-11201' 11290-11336' 12322-12350'	13-3/8" 48# @ 378' 9-5/8" 32.3# @ 2949' 1" 26/29# @ 12337'	450 sx / surface 1950 sx / surface 500 sx / surface		
Strata Production Co.	Chaparral State 3	30-015-36016	Eddy	330' FSL 330' FWL	32	19S	29E	Oil	Active	2/15/2008	5/1/2008	5500	5250	Delaware	4837 - 4952	13-3/8" 48# @ 337' 8-5/8" 32/24# @ 3078' 5-1/2" 17# @ 5249'	350 sx / surface 1144 sx / surf 880 sx / surface		
Cimarex Energy Co.	Chaparral State No 20H (formerly Chaparral State 4)	30-015-39158	Eddy	300' FNL 1980' FWL	32	19S	29E	Oil	Active	5/1/2012	7/4/2012	12371	12664	Bone Spring	8000 - 12338'	13-3/8" 48# @ 337' 9-5/8" 40# @ 3545' 5-1/2" 17# @ 12371'	340 sx / surface 1730 sx / surface 2300 sx / 1700 loc		TVD-7908
Cimarex Energy Co.	Chaparral State 21H	30-015-38955	Eddy	170' FNL 660' FWL	29	19S	29E	Oil	Active	6/14/2012	8/14/2012	12423	12400	Bone Spring	8116 - 12365	13-3/8" 48# @ 306' 9-5/8" 40# @ 3494' 5-1/2" 17# @ 12402'	390 sx / surface 787 sx / surface 2300 sx / 1850 cbl		TVD-7861
Mewbourne Oil Company	Mirage 30 PM State Com 1H	30-015-40753	Eddy	300' FSL 150' FEL	30	19S	29E	Oil	Active	1/29/2013	4/5/2013	12150	12100	Bone Spring	8117 - 12100'	13-3/8" 48# @ 330' 9-5/8" 36# @ 2310' 7" 28# @ 8045' 4-1/2" @ 12112'	769 sx / surface 900 sx / surface 900 sx / surface no cmt per oil 7835 tol		TVD-7658
Sunray Mid-Continent Oil Co.	N.M. State AD 1	30-015-03609	Eddy	660' FSL 660' FWL	29	19S	29E	Dry Hole	P&A	9/19/1961	10/20/1961	1460	Surf	n/a	n/a	9-5/8" 32.2# @ 1460'	500 sx / surface		
Devon Energy Prod Co LP	Onyx PWU 29-3H	30-015-39373	Eddy	2145' FSL 330' FWL	29	19S	29E	Oil	Active	11/30/2011	2/5/2012	12368	12360	Bone Spring	8240 - 12292	13-3/8" 48# @ 336' 9-5/8" 40# @ 2751' 5-1/2" 17# @ 12368'	410 sx / surface 1125 sx / surface 2311 sx / 1974 cbl		TVD-7934
Devon Energy Prod Co LP	Onyx PWU 29-2H	30-015-40423	Eddy	2310' FSL 330' FWL	29	19S	29E	Oil	Active	7/28/2012	10/6/2012	12304	12258	Bone Spring	8185 - 12237	13-3/8" 48# @ 300' 9-5/8" 40# @ 3161' 5-1/2" 17# @ 12304'	680 sx / surface 1130 sx / surface 2225 sx / 3111 cbl		TVD-7864
Devon Energy Prod Co LP	Onyx PWU 29-4H	30-015-40424	Eddy	330' FSL 400' FWL	29	19S	29E	Oil	Active	8/23/2013	11/3/2012	12120	12080	Bone Spring	8270 - 12052	13-3/8" 48# @ 378' 9-5/8" 40# @ 3210' 5-1/2" 17# @ 12112'	390 sx / surface 1020 sx / surface 1920 sx / 1270 cbl		TVD-7937
Devon Energy Prod Co LP	Parkway West Unit 3	30-015-23107	Eddy	1980' FSL 1980' FWL	29	19S	29E	Gas	Active	11/19/1981	2/21/1982	11434	11360	Atoka Morrow	10742 - 11085' 11147 - 11189'	11-3/4" 42# @ 350' 8-5/8" 24/32# @ 2832' 4-1/2" 11.6/13.5# @ 11434'	350 sx / surface 2800 sx / surface 900 sx / 7332 cbl		
Campana Petroleum Company	State O 1	30-015-03611	Eddy	1980' FNL 660' FWL	32	19S	29E	Dry Hole	P&A	7/18/1962	8/14/1962	5025	Surf	n/a	n/a	8-5/8" 24# @ 285' 4-1/2" 9.5# @ 2371' - 3486' (4-1/2" cut off @ 2371')	85 sx / surface 100 sx / surface		

Total 1 well

P&A

29

19S 29E

ONYX PWU 29 2H

ONYX PWU 29 3H

PARKWAY WEST UNIT 3

STATE AD #1

PARKWAY SWD 2

MIRAGE 30 PM STATE C 1H

ONYX PWU 29 4H

CHAPARRAL STATE #21H

CHAPARRAL STATE #4

CHAPARRAL STATE #2

CHAPARRAL STATE #1

STATE O #1



Parkway SWD 2

1/2 Mile Radius Map



- WELL SYMBOLS
- DRY HOLE WITH OIL SHOW
 - GAS PRODUCING WELL
 - OIL PRODUCING WELL
 - PROPOSED

January 29, 2014



STRATA PRODUCTION COMPANY

Well Name: CHAPARRAL STATE 1		Field: WINCHESTER; BONE SPRING	
Location: 1880' FNL & 660' FWL; SEC 32-T19S-R29E		County: EDDY	State: NM
Elevation: 3280' GR		Spud Date: 1/30/77	Compl Date: orig-5/16/77
API#: 30-015-22028	Prepared by: Stephanie Porter	Date: 5/22/14	Rev: P&A'd 10/24/86

17-1/2" Hole
13-3/8", 54/50#, @ 358'
 Cmt'd w/700 sx to surf

TOC on 7" csg @ 700 - Temp Survey

12-1/4" Hole
8-5/8", 34/24#, J-55, @ 3,053'
 Cmt'd 2150 sx to surf

7-7/8" Hole
7", 26#, N-80, @ 3,351'
 Cmt'd w/350 sx

Cement Retainer @ 4,363'
 Cmt'd w/200 sx on top

TA @ 3,657'

BONE SPRING
 4522' - 4558'
 4690' - 4695'
 4794' - 4799'

2-3/8" SN @ 4,755'
 Rod Pump Assembly @ 4,848'

Estimated TOC on 4-1/2" csg @ 6,150'

DV Tool @ 6,200'

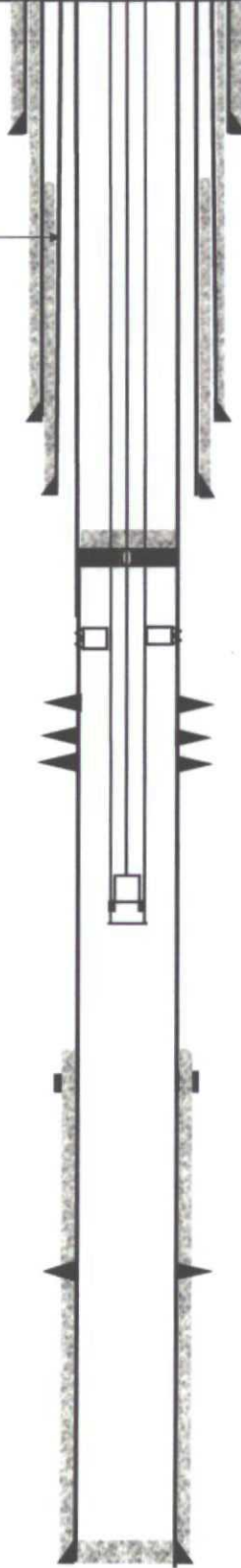
BONE SPRING
 7,718' - 7,728'

6-1/8" Hole
4-1/2" 11.6#, N-80 Liner from 8,000'
 Cmt'd w/650 sx cmt

8,000' TD

Note: This wellbore schemat is based on the various reports filed on the NMOCD website.

Original wellbore was plugged 10/24/1986. Wellbore re-entered 1/24/1990, attempted to tie back to casing stub unsuccessfully; casing pulled. Set cement plug @ 5,500' - 6,104', sidetrack around junk in hole to resume vertical to total depth of 8,000'.



STRATA PRODUCTION COMPANY

Well Name: CHAPARAL STATE 2		Field: BONE SPRING	
Location: 660' FNL & 660' FWL; SEC 32-T19S-R29E		County: EDDY	State: NM
Elevation: 3310' GL		Spud Date: 9/22/59	Compl Date: 2/2/60
API#: 30-015-03612	Prepared by: Stephanie Porter	Date: 5/21/14	Rev: 11/15/00

Note: This wellbore schematic is based on the plugging report filed by Strata Production Company dated 11/15/2000 & 01/27/1967.

17-1/2" hole
13-3/8", 48#, H-40, @ 378'
Cmt'd w/450 sx to surf

12-1/4" hole
9-5/8", 32.3/36#, H-40 & J-55, @ 2,949'
Cmt'd w/1950 sx to surf

Cut and pulled 7" @ 2,930'

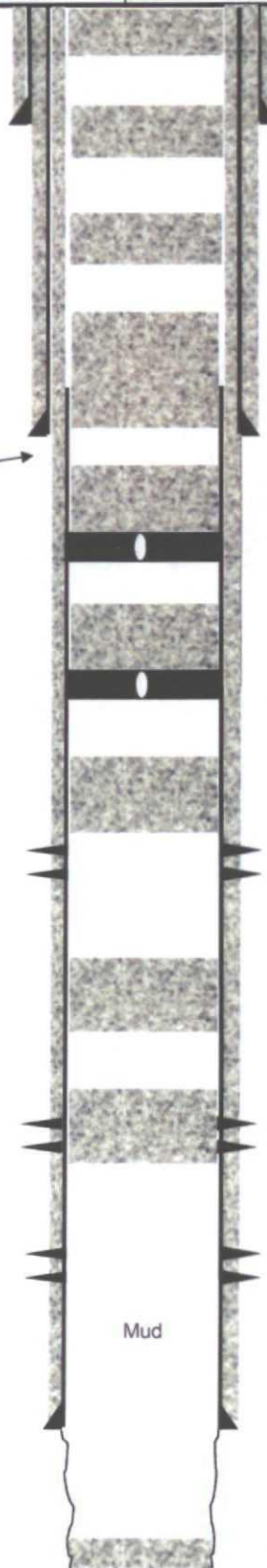
BONE SPRING PERFS
7,383' - 7,369'
7,381' - 7,396'

ATOKA (BURTON PENN) PERFS
10,886' - 11,201'
11,160' - 11,193'

MORROW PERFS
11,290' - 11,318'
11,322' - 11,336'

8-3/4" Hole
7", 26/29#, N-80, LTC/BTC, @ 12,337'
Cmt'd w/500 sx to surf

Open Hole
12,337' - 12,429'



10 sx cmt plug to surface

45 sx cmt 100' plug @ 435' - 300'

45 sx cmt 100' plug @ 930' - 1,050'

45 sx cmt 150' plug @ 2,820' - 3,000'

Cement retainer @ 3,450'
Squeeze w/75 sx cmt, 35' cement on top of retainer

Cement retainer @ 4,965'
Squeeze w/75 sx cmt, 35' cement on top of retainer

25 sx cmt plug @ 6,935' - 7,125'

25 sx cmt plug @ 7,300' - 7,400'
(Plugging report dated 01/27/1967)

25 sx cmt plug @ 10,850' - 10,950'
(Plugging report dated 01/27/1967)

Mud

12,273' - 12,350' cement

12,429' TD

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		50. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
1. <input checked="" type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		5. State Oil & Gas Lease No. S-8071
2. Name of Operator Sunray Oil Company		7. Unit Agreement Name
3. Address of Operator P. O. Box 1416, Roswell, New Mexico		8. Form or Lease Name New Mexico "Q" State
4. Location of Well UNIT LETTER D 660 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE, SECTION 32 TOWNSHIP 19S RANGE 29E NMPM.		9. Well No. 1
15. Elevation (Show whether DF, RT, GR, etc.) 3322 DF		10. Field and Pool, or Wildcat N. Burton Penn Gas
		12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1. Loaded hole with mud laden fluid.
2. Placed 25 sx cmt. plug over perfs 10,850-950.
3. Placed 25 sx cmt. plug at 7300-7400.
4. Cut and pulled 7" pipe at 2930'.
5. Set 25 sx cmt. plug from 2930' up into surface pipe.
This plug was extended into the 9 5/8" to 2880'.
6. Placed 10 sx cmt. plug at surface.
7. Installed marker.

RECEIVED

JAN 30 1967

OIL & GAS
ADMIN. OFFICE

Total casing recovered was 2930' of 7". All 9 5/8" remain in hole.

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

SIGNED B. F. Brawley TITLE District Engineer DATE January 27, 1967

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE MAR 14 1967

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office
DISTRICT I

1625 N. French Drive, Hobbs, NM 88240

DISTRICT II

911 S. First Street, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

WELL API NO.	30-015-03612
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	VB-0158
7. Lease Name or Unit Agreement Name	Chaparral State
8. Well No.	#2
9. Pool Name or Wildcat	Und Winchester Bone Spring

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: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator STRATA PRODUCTION COMPANY	
3. Address of Operator P.O. BOX 1030, ROSWELL, NEW MEXICO 88202-1030	
4. Well Location Unit Letter <u>D</u> : <u>660</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line Section <u>32</u> Township <u>19 South</u> Range <u>29 East</u> NMPM <u>Eddy</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3309' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)
SEE RULE 1103

09/11/00: MIRU.
09/12/00: - NU BOP. TIH with tubing.
09/13/00: Set 25 sack plug at 7125' with Class "C" cement. WOC 3 1/2 hours. Tag TOC at 6935'. Set retainer at 4965'. Squeeze with 75 sacks Class "C" Neat cement with 35' of cement on top of retainer.
09/14/00: Set retainer at 3450'. Squeeze with 75 sacks Class "C" Neat cement with 35' of cement on top of retainer. Set 150' plug in and out of 7" casing stub at 3000' with 45 sacks Class "C" cement. WOC 4 hours. Tag TOC at 2820'.
09/15/00: Set 100' plug at 1050' with 45 sacks Class "C" cement. WOC 4 hours. Tag TOC at 930'. Set 100' plug at 435' with 45 sacks Class "C" cement. WOC 4 hours. Tag TOC at 300'. Set 10 sack plug at Surface with Class "C" cement. Release rig. Well Plugged and Abandoned. Prep to set Dry Hole Marker. Operations witnessed by OCD representative.
11/15/00: Cut off wellhead and deadman. Set Dry Hole Marker. Fill cellar and clean location.

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

SIGNATURE Carol J. Garcia TITLE PRODUCTION RECORDS MANAGER DATE 11/15/00
TYPE OR PRINT NAME CAROL J. GARCIA TELEPHONE NO 505-622-1127

(This space for State Use)
APPROVED BY [Signature] TITLE Field Rep 1 DATE 11-22-00
CONDITIONS OF APPROVAL, IF ANY:

STRATA PRODUCTION COMPANY

Well Name: CHAPARRAL STATE 3		Field: OUTPOST; DELAWARE	
Location: 330' FSL & 300' FWL; SEC 32-T19S-R29E		County: EDDY	State: NM
Elevation: 3276' GR		Spud Date: 2/15/08	Compl Date: 5/1/08
API#: 30-015-36016	Prepared by: Stephanie Porter	Date: 5/14/14	Rev:

Note: This wellbore schemat is based on the completion report filed by Strata Production Company dated 05/21/2008.

17-1/2" hole
13-3/8", 48#, J55 @ 337'
 Cmt'd w/350 sx to surf

12-1/4" hole
8-5/8", 32 & 24#, K55, LTC. @ 3,078'
 Cmt'd w/1144 sx to surf

ETOC @ 400' per completion report

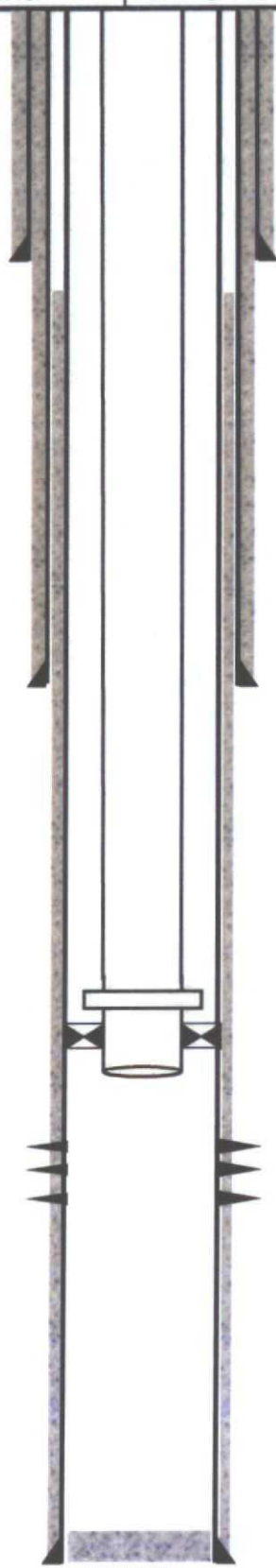
2-7/8" J-55 tubing @ 5,200'

PERFS
 4,837' - 4,858'
 4,879' - 4,892'
 4,951' - 4,952'

7-7/8" Hole
5-1/2", 17#, M-80 & J-55, LTC. @ 5,249'
 Cmt'd w/880 sx to surf

5,250' PBTD

5,300' TD



CIMAREX ENERGY CO. OF COLORADO

Well Name: CHAPARRAL STATE 20		Field: WINCHESTOR; BONE SPRING	
Location: 330' FNL & 1980' FWL; SEC 32-T19S-R29E		County: EDDY	State: NM
Elevation: 3308' GR		Spud Date: 5/1/12	Compl Date: 7/4/12
API#: 30-015-39158	Prepared by: Stephanie Porter	Date: 5/14/14	Rev:

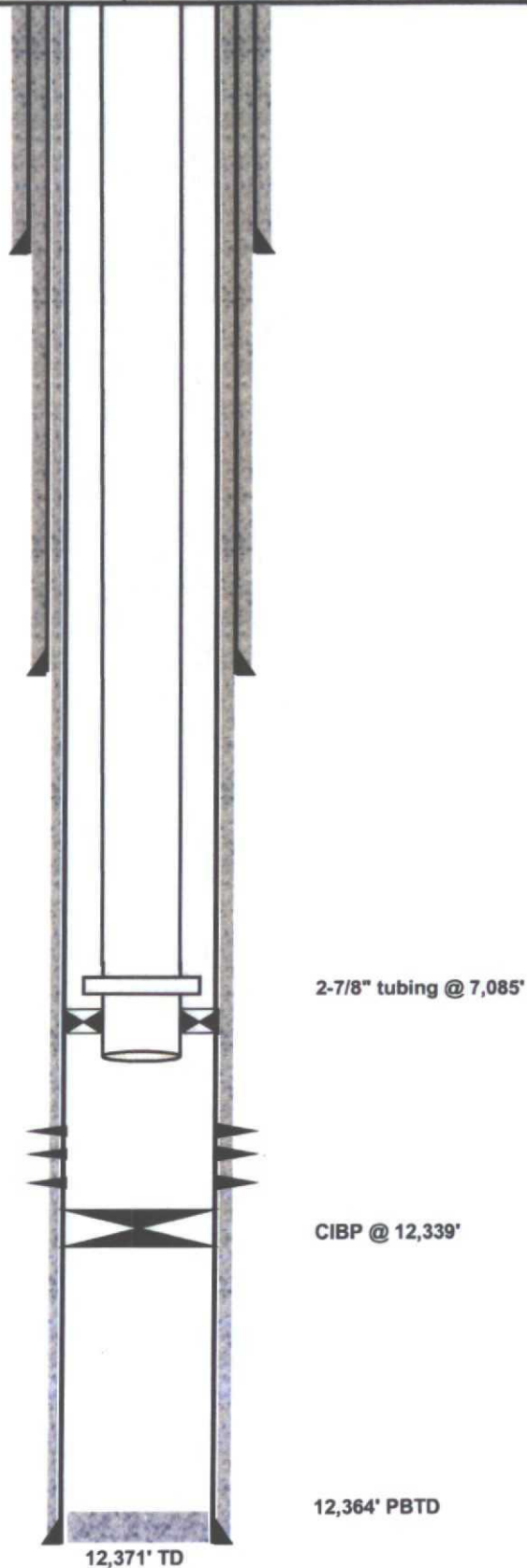
Note: This wellbore schemat is based on the completion report filed by Cimarex Energy Co. of Colorado dated 08/15/2012.

17-1/2" hole
13-3/8", 48#, H-40, STC @ 337'
 Cmt'd w/340 sx to surf

12-1/4" hole
9-5/8", 40#, J/K55, LTC, @ 3,545'
 Cmt'd w/1730 sx to surf

PERFS
 8,000' - 12,338'

8-3/4" Hole
5-1/2", 26#, LTC, P-110, @ 12,371'
 Cmt'd w/2300 sx to surf



CIMAREX ENERGY OF COLORADO

Well Name: CHAPARRAL STATE 21H		Field: WINCHESTER; BONE SPRING	
Location: 170' FNL & 660' FWL; SEC 32-T19S-R29E		County: EDDY	State: NM
Elevation: 3312' GR		Spud Date: 6/4/12	Compl Date: 8/4/12
API#: 30-015-39955	Prepared by: Stephanie Porter	Date: 5/15/14	Rev:

CURRENT SCHEMATIC

17-1/2" Hole
13-3/8", 48#, J-55, STC, @ 306'
 Cmt'd w/390 sx, circ cmt to surf

Note: This wellbore schematic is based on the completion report filed by Cimarex Energy of Colorado dated 09/28/2012.

ETOC @ 1850'

12-1/4" Hole
9-5/8", 40#, HCK-55, LTC, @ 3,494'
 Cmt'd w/787 sx, circ cmt to surf

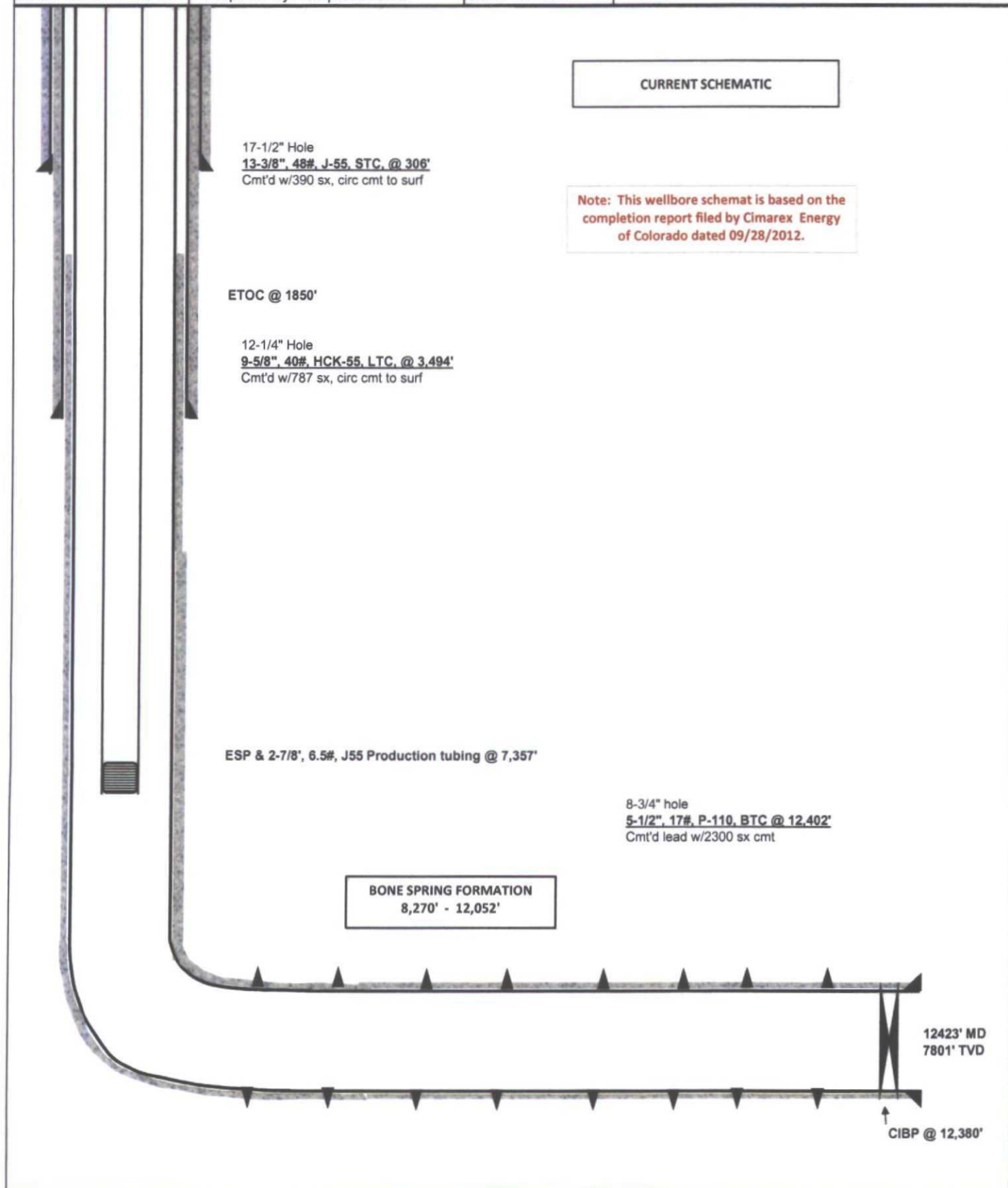
ESP & 2-7/8", 6.5#, J55 Production tubing @ 7,357'

8-3/4" hole
5-1/2", 17#, P-110, BTC @ 12,402'
 Cmt'd lead w/2300 sx cmt

BONE SPRING FORMATION
 8,270' - 12,052'

12423' MD
 7801' TVD

CIBP @ 12,380'



DEVON ENERGY PRODUCTION COMPANY LP

Well Name: MIRAGE 30 PM STATE COM 1H		Field: WINCHESTER; BONE SPRINGS	
Location: 300' FSL & 150' FEL; SEC 30-T19S-R29E		County: EDDY	State: NM
Elevation: 3311' GL		Spud Date: 1/29/13	Compl Date: 4/5/13
API#: 30-015-40753	Prepared by: Stephanie Porter	Date: 5/14/14	Rev:

CURRENT SCHEMATIC

SCHEMAT BASED ON COMPLETION
REPORT FILED WITH OCD DATED
4/17/2013

17-1/2" Hole
13-3/8", 48#, H40, STC, @ 330'
Cmt'd w/769 sx, circ cmt to surf

12-1/4" Hole
9-5/8", 36#, J55, LTC, @ 2,310'
Cmt'd w/900 sx, circ cmt to surf

ESP equipment & 2-7/8, 6.5#, L80 tubing to 7,286'

4-1/2" Peak Packer top @ 7,835'

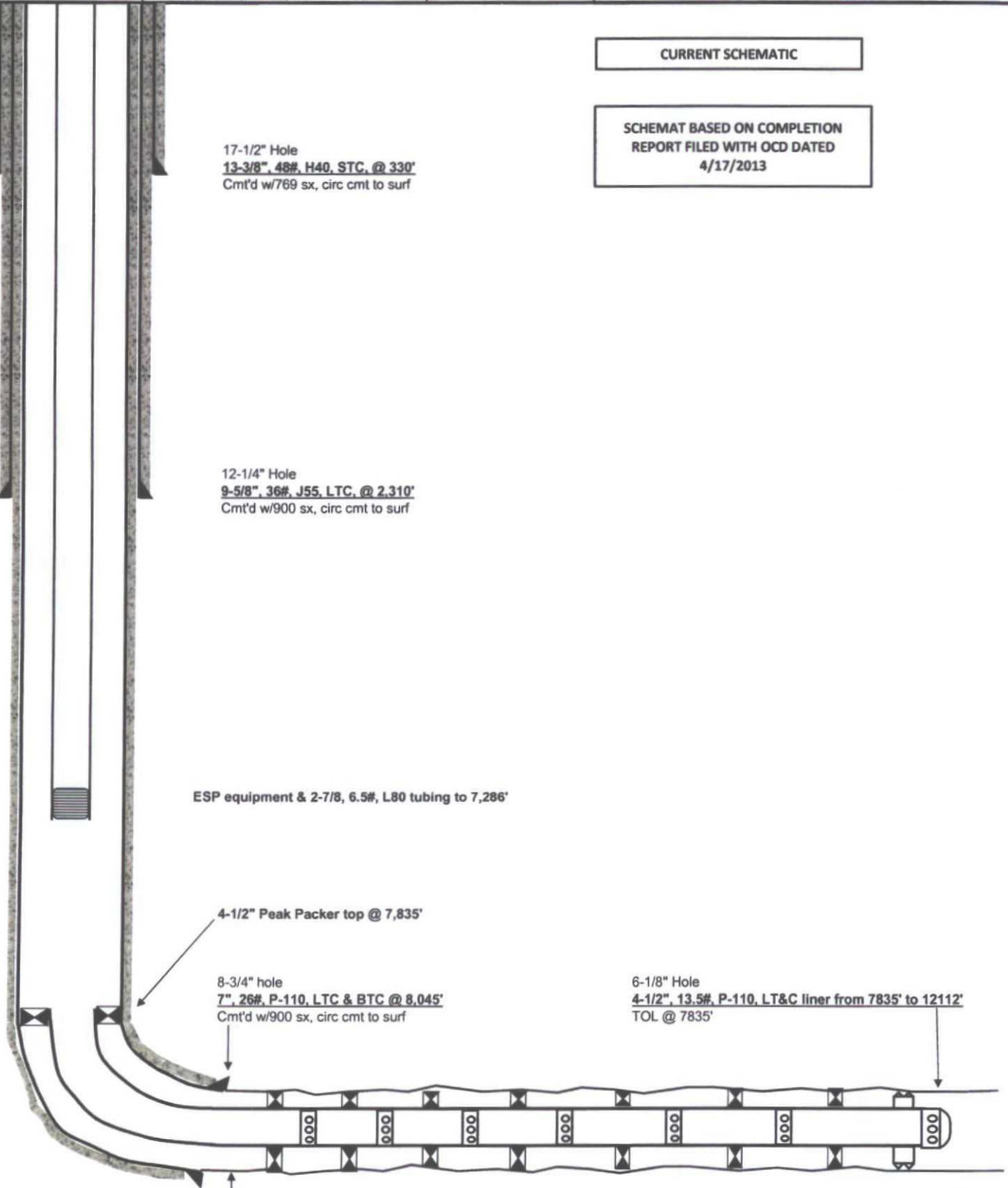
8-3/4" hole
7", 26#, P-110, LTC & BTC @ 8,045'
Cmt'd w/900 sx, circ cmt to surf

6-1/8" Hole
4-1/2", 13.5#, P-110, LT&C liner from 7835' to 12112'
TOL @ 7835'

6-1/8" Open Hole

BONE SPRING FORMATION

12,150' MD
~7,743' TVD



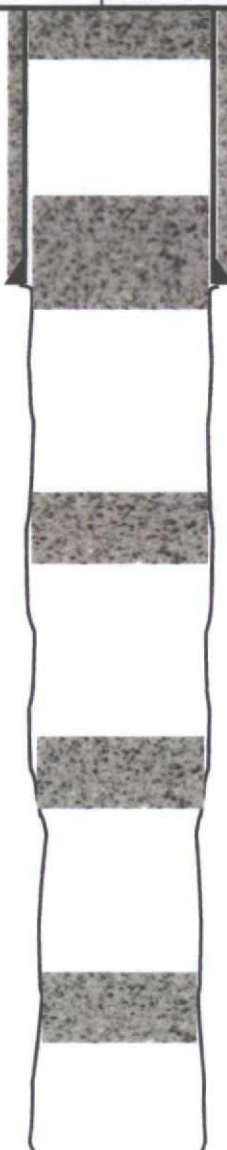
SUNRAY MID-CONTINENT OIL COMPANY

Well Name: N.M. STATE AD 1		Field: WILDCAT	
Location: 660' FSL & 660' FWL; SEC 29-T19S-R29E		County: EDDY	State: NM
Elevation: 3325' GL		Spud Date: 9/9/61	Compl Date: P&A - 10/22/61
API#: 30-015-03609	Prepared by: Stephanie Porter	Date: 5/15/14	Rev:

SCHEMAT BASED ON PLUGGING REPORT
FILED WITH OCD DATED 12/15/1961 BY
SUNRAY MID-CONTINENT OIL COMPANY

12-1/4" Hole
9-5/8", 32.2#, H-40, STC casing @ 1460'
500 sx cement

7-7/8" Hole



Cement plug to surface
10 sx cement

45 sx cement @ 1410' - 1510'

25 sx cement @ 2720' - 2800'

25 sx cement @ 6420' - 6500'

25 sx cement @ 7325' - 7405'

7,405' TD

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NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

FORM C-103
(Rev 3-55)

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

Name of Company Sunray Mid-Continent Oil Company				Address Box 128 Hobbs, New Mexico			
Lease	Well No.	Unit Letter	Section	Township	Range		
N. Mex. State "A D"	1	M	29	19S	29E		
Date Work Performed Oct. 20 & 23, 1961	Pool Wildcat			County Eddy			

THIS IS A REPORT OF: (Check appropriate block)

- | | | |
|--|---|---|
| <input type="checkbox"/> Beginning Drilling Operations | <input type="checkbox"/> Casing Test and Cement Job | <input type="checkbox"/> Other (Explain): |
| <input checked="" type="checkbox"/> Plugging | <input type="checkbox"/> Remedial Work | |

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

1. Drilled to Total depth 7405'
2. Placed 25 sx cement plug 7405'-7325'
3. Placed 25 sx cement plug 6500'-6420'
4. Placed 25 sx cement plug 2800'-2720'
5. Placed 45 sx cement plug 1510'-1410'
6. Placed 10 sx cement in top of 9 5/8" surface

Above plugs placed as per verbal instructions from Dick Stamets 10-22-61.
 Location is now being cleaned.

Witnessed by Tuney Burger	Position Drilling Foreman	Company Sunray Mid-Continent Oil Company
-------------------------------------	-------------------------------------	--

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P BTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

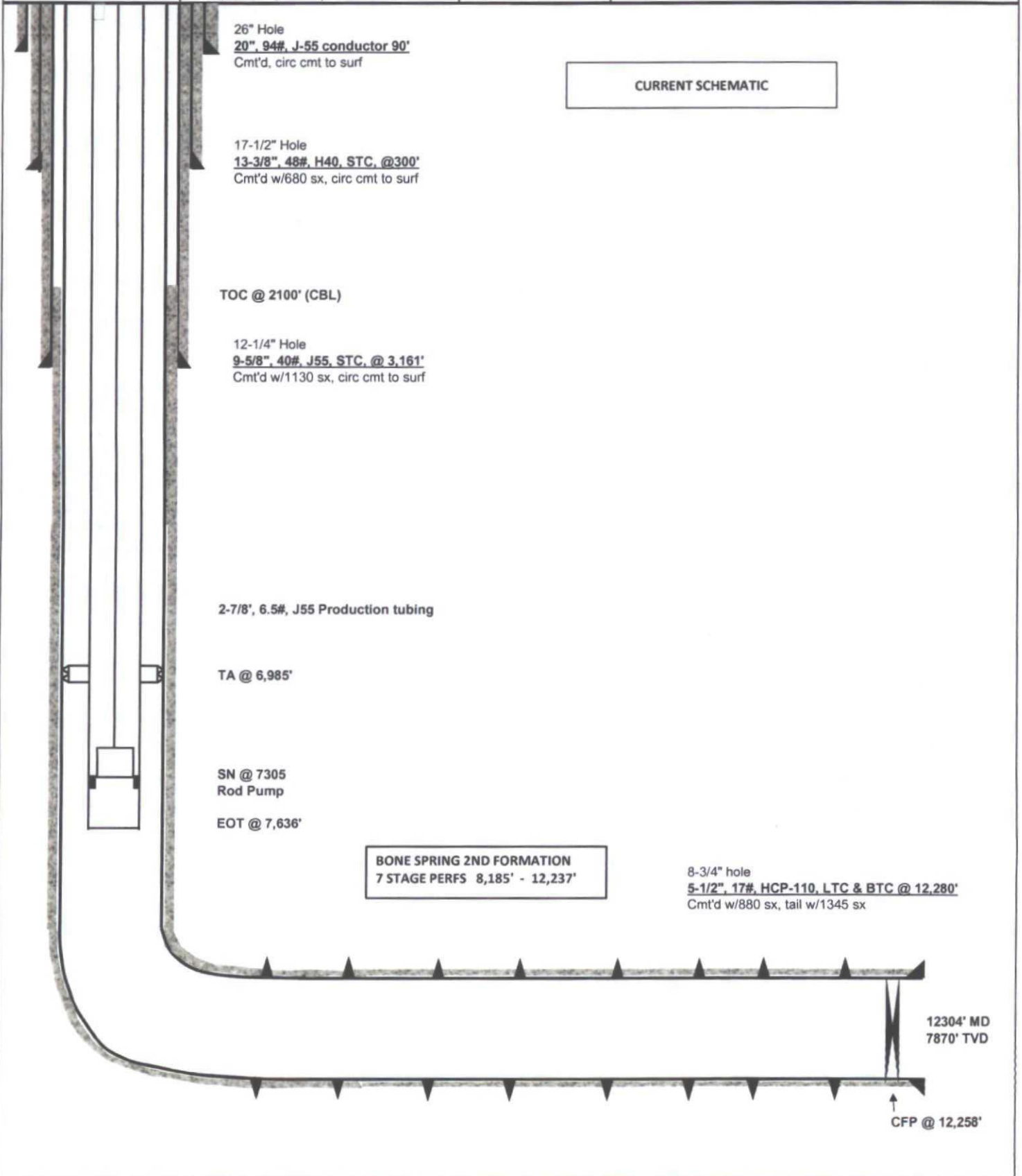
OIL CONSERVATION COMMISSION

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

Approved by <i>L. A. Gressett</i>	Name <i>H. E. Statton</i>
Title OIL AND GAS INSPECTOR	Position H. E. Statton Dist Engineer
Date DEC 15 1961	Company Sunray Mid-Continent Oil Company

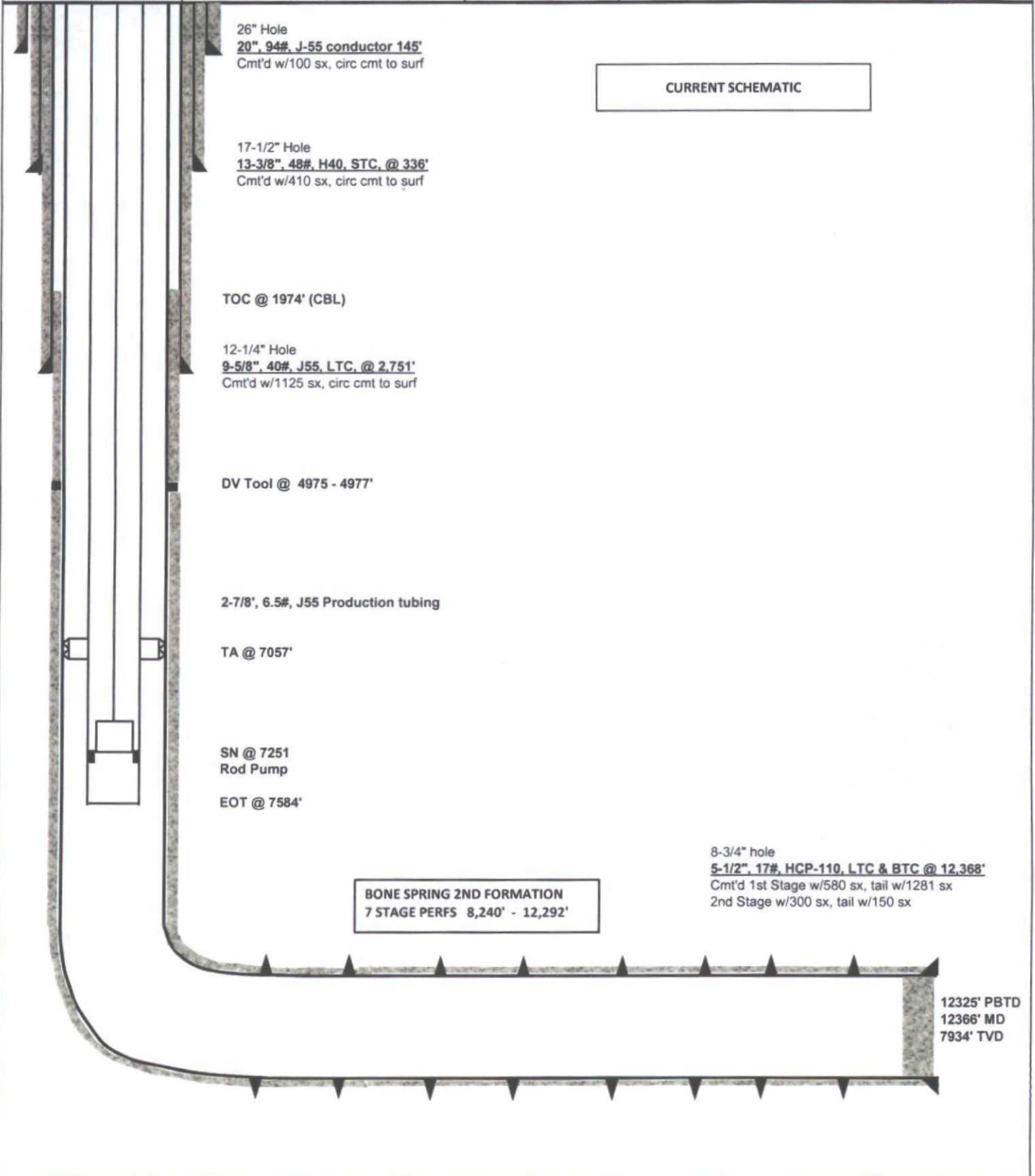
DEVON ENERGY PRODUCTION COMPANY LP

Well Name: OXY PWU 29-2H		Field: HACKBERRY	
Location: 2310' FNL & 330' FWL; SEC 29-T19S-R29E		County: EDDY	State: NM
Elevation: 3311' GL		Spud Date: 7/28/12	Compl Date: 10/6/12
API#: 30-015-40423	Prepared by: Stephanie Porter	Date: 3/19/14	Rev:



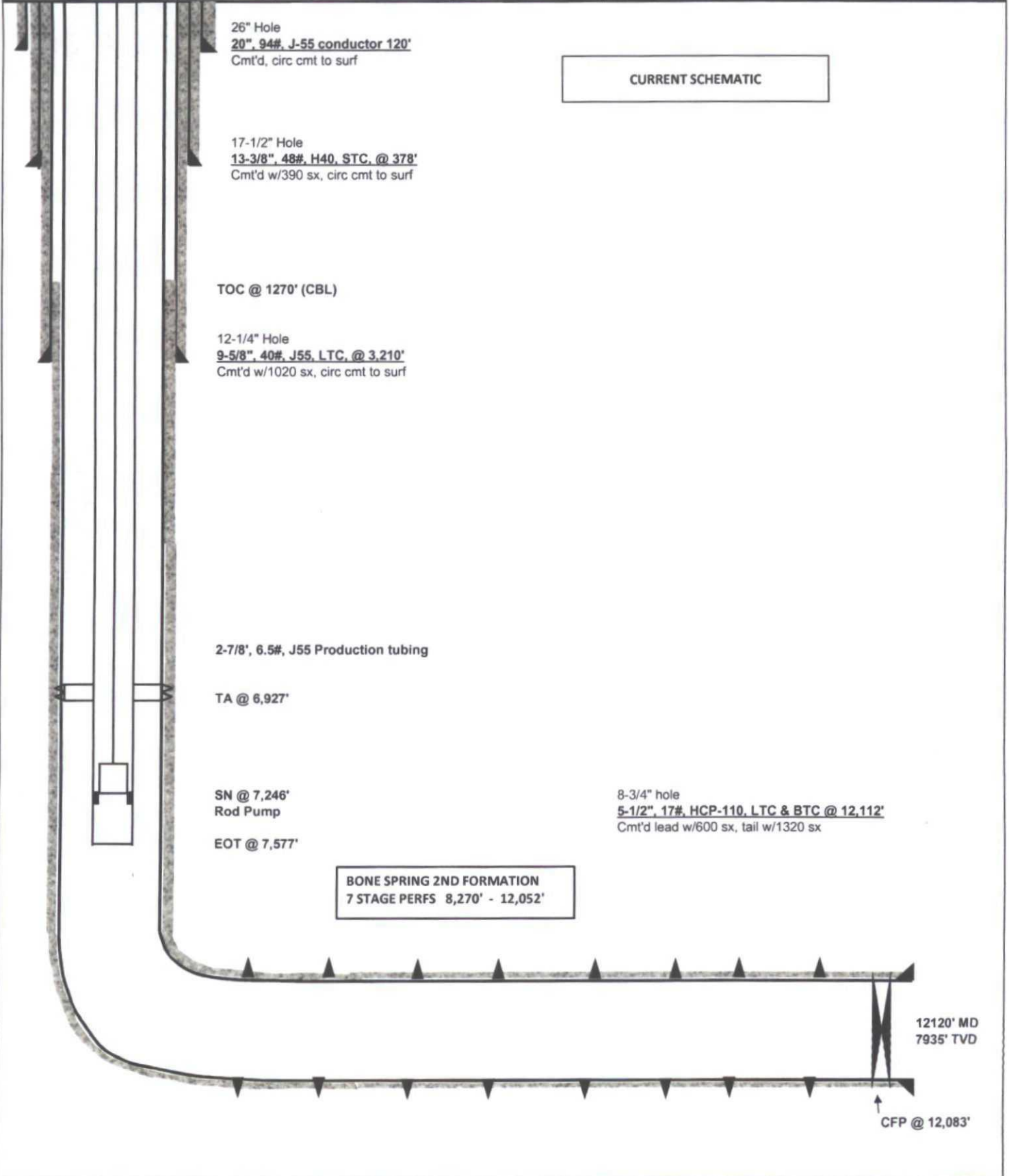
DEVON ENERGY PRODUCTION COMPANY LP

Well Name: OXY PWU 29-3H		Field: HACKBERRY	
Location: 2145' FSL & 330' FWL; SEC 29-T19S-R29E		County: EDDY	State: NM
Elevation: 3305' GL		Spud Date: 11/30/11	Compl Date: 2/5/12
API#: 30-015-39373	Prepared by: Stephanie Porter	Date: 3/18/14	Rev:



DEVON ENERGY PRODUCTION COMPANY LP

Well Name: OXY PWU 29-4H		Field: HACKBERRY	
Location: 330' FSL & 400' FWL; SEC 29-T19S-R29E		County: EDDY	State: NM
Elevation: 3312' GL		Spud Date: 8/23/12	Compl Date: 11/3/12
API#: 30-015-40424	Prepared by: Stephanie Porter	Date: 3/18/14	Rev:



DEVON ENERGY PRODUCTION COMPANY LP

Well Name: PARKWAY WEST UNIT 29-#3		Field: PARKWAY WEST	
Location: 1980' FWL & 1980' FSL; SEC 29-T19S-R29E		County: EDDY	State: NM
Elevation: 3306' GR; 3322' KB		Spud Date: 11/19/81	Compl Date: 2/21/82
API#: 30-015-23107	Prepared by: Ronnie Slack	Date: 6/18/07	Rev:

15" Hole

11-3/4", 42#, @ 350'

Cmt'd w/350 Sx C & 5 yds redimix

11" Hole

8-5/8", 32# & 24#, K55, @ 2,832'

Cmt'd w/2800 Sx

TOC @ 7332' (CBL-2/1/82)

Note: A Strawn recompletion at 10,182-10,186 was proposed back in 1984, but don't see that this work was ever done.

2-3/8" Tubing

Seal Assembly

Model DB Pkr @ 10,600' (2/11/82)

R nipple @ 10637'

ATOKA (2/17/82)

10742', 10744', 10750', 10752', 10758', 10760', 11082', 11085'

MORROW (2/13/82)

11147', 11149', 11151', 11171', 11175', 11181', 11183', 11185', 11189'

Acidized 11147-11189 w/5000 gals 7.5% MSA

Note: DHC approved May 24th, 1981. Per production accounting, booking production to both zones.

Allocation:

Morrow: 62%

Atoka: 38%

7-7/8" Hole

4-1/2", 11.6# & 13.5#, N80, LTC & Buttress @ 11,434'

Cmt'd w/900 Sx

11.360' PBDT

11,434' TD

CAMPANA PETROLEUM COMPANY

Well Name: STATE O 1		Field: WILDCAT	
Location: 1980' FNL & 660' FWL; SEC 32-T19S-R29E		County: EDDY	State: NM
Elevation: 3300' GL		Spud Date: 7/16/62	Compl Date: P&A - 11/62/61
API#: 30-015-03611	Prepared by: Stephanie Porter	Date: 5/15/14	Rev:

SCHEMAT BASED ON PLUGGING REPORT
FILED WITH OCD DATED 07/26/1963 BY
CAMPANA PETROLEUM COMPANY

11" Hole
8-5/8", 24#, STC casing @ 285'
50 sx cement

6-3/4" Hole
4-1/2", 9.5#, J-55 casing @ 3486'
100 sx cement

6-3/4" Hole

Cement plug to surface
5 sx cement

20 sx cement @ 275' - 415'

20 sx cement @ 900' - 1035'

20 sx cement @ 2345' - 2425'

PER PLUGGING REPORT, CASING SHOT OFF AT 2371'.

20 sx cement @ 3000' - 3242'

35' cmt plug @ 3442' - 3477'

Spotted 25 sx cement @ at TD'

5,011' TD

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Campana Petroleum Company		Address W. Pickett, 901 Midland Savings Bldg., Midland, Texas			
Lease State "Q"	Well No. 1	Unit Letter E	Section 32	Township 19-8	Range 29-E
Date Work Performed 11-16-62	Pool Wildcat			County Eddy	

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☐ Other (Explain):
☒ Plugging ☐ Remedial Work

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

Casing shot off at 2371' and 2371' of 4" casing recovered. Plugs set as follows: 20 sacks cement at 3000-3242 (PSTD); 20 sacks in and out of stub at 2345-2485'; 20 sacks at base of salt 900-1035'; 20 sacks across base of surface casing and top of salt 275-415'; 5 sacks cement in surface with proper New Mexico marker extending 4' on top. Location to be cleaned up, pits leveled and junk removed. Heavy mud between cement plugs.

RECEIVED

DEC 7 1962

D. C. C.
ARTESIA, OFFICE

Witnessed by A. D. Bell	Position Operator	Company Campana Petroleum Co.
-----------------------------------	-----------------------------	---

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F. Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by *Howard C. Lohrey*
Title **OIL AND GAS INSPECTOR**
Date **FEB 26 1963**

Name *[Signature]*
Position **Agent**
Company **Campana Petroleum Company**

**Surface Owners
Parkway SWD #2
Eddy County, NM**

4

**Surface Owners
Parkway SWD #2
Eddy County, NM**

Leasehold Owners Parkway SWD #2 Eddy County, NM

Headington Oil Co.
Marcia Fuller French
COG Operating LLC
Cimarex Energy Company
North American Energy
Merit Management Partners I LP
Merit Mgmt Partners II LP
Merit Mgmt Partners III LP
Merit Energy Partners E-III LP
Merit Energy Partners F-III LP
Merit Energy Partners III LP
Stanley O. Jester
Bivins Energy Corporation
Devon Energy Prod Co LP

Headington Oil Co.
Marcia Fuller French
COG Operating LLC
Cimarex Energy Company
Merit Management Partners I LP
Merit Mgmt Partners II LP
Merit Mgmt Partners III LP
Merit Energy Partners E-III LP
Merit Energy Partners F-III LP
Merit Energy Partners III LP
Bivins Energy Corporation
Devon Energy Prod Co LP

Devon Energy Prod Co LP
Oxy USA WTP LP

Marathon Oil &
Mewbourne

Strata Production Co. &
Cimarex Energy Co.

Oxy USA & Mewbourne

1/2 mile radius

Parkway SWD #2

NEW MEXICO

Leasehold Owners Parkway SWD #2 Eddy County, NM

20S - 29E

4

Leasehold Operator Ownership

½ mile Parkway SWD #2

Township 19 South, Range 29 East

Section 29: NW/4, SW/4, NW/4 SE/4

Headington Oil Company LLC
2711 N. Haskell Ave Suite 2800
Dallas, TX 75204-2940

Marcia Fuller French
PO Box 11327
Midland, TX 79702-8327

COG Operating LLC
600 W Illinois Ave
Midland, TX 79701

Cimarex Energy Company
202 S Cheyenne Ave Suite 1000
Tulsa, OK 74103

North American Energy
500 Crescent Court Suite 270
Dallas, TX 75201-6997

Merit Management Partners I LP
PO Box 843727
Dallas, TX 75284-3727

Merit Management Partners II LP
PO Box 843727
Dallas, TX 75284-3727

Merit Management Partners III LP
PO Box 843727
Dallas, TX 75284-3727

Merit Energy Partners E-III LP
PO Box 843727
Dallas, TX 75284-3727

Merit Energy Partners F-III LP
PO Box 843727
Dallas, TX 75284-3727

Merit Energy Partners III LP
13727 Noel Rd Suite 500
Dallas, TX 75240-7312

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

Bivins Energy Corporation
4925 Greenville Ave Suite 814
Dallas, TX 75206-4017

Devon Energy Production Company, LP
333 W Sheridan Ave
Oklahoma City, OK 73102-5015

Township 19 South, Range 29 East

Section 32: NW/4 NE/4

Headington Oil Company LLC
2711 N. Haskell Ave Suite 2800
Dallas, TX 75204-2940

Marcia Fuller French
PO Box 11327
Midland, TX 79702-8327

COG Operating LLC
600 W Illinois Ave
Midland, TX 79701

Cimarex Energy Company
202 S Cheyenne Ave Suite 1000
Tulsa, OK 74103

Merit Management Partners I LP
PO Box 843727
Dallas, TX 75284-3727

Merit Management Partners II LP
PO Box 843727
Dallas, TX 75284-3727

Merit Management Partners III LP
PO Box 843727
Dallas, TX 75284-3727

Merit Energy Partners E-III LP
PO Box 843727
Dallas, TX 75284-3727

Merit Energy Partners F-III LP
PO Box 843727
Dallas, TX 75284-3727

Merit Energy Partners III LP
13727 Noel Rd Suite 500
Dallas, TX 75240-7312

Bivins Energy Corporation
4925 Greenville Ave Suite 814
Dallas, TX 75206-4017

Devon Energy Production Company, LP
333 W Sheridan Ave
Oklahoma City, OK 73102-5015

Township 19 South, Range 29 East

Section 30: SE/4

Oxy USA WTP LP
PO Box 27570
Houston, TX 77227-7570

Mewbourne Oil Company
PO Box 7698
Tyler, TX 75711

Township 19 South, Range 29 East

Section 31: NE/4

Marathon Oil Company
PO Box 2069
Houston, TX 77252-2069

Mewbourne Oil Company
PO Box 7698
Tyler, TX 75711

Township 19 South, Range 29 East

Section 32: NW/4

Strata Production Company
PO Box 1030
Roswell, NM 88202

Cimarex Energy Company
202 S Cheyenne Ave Suite 1000
Tulsa, OK 74103

Section XIV--Proof of Notice to Surface Land Owner
Devon Energy Prod Co LP
C108 Application For Injection
Proposed Well: Parkway SWD 2

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

New Mexico State Land Office
Attn: Donald Martinez - Surface Division
310 Old Santa Fe Trail
Santa Fe, New Mexico 88220

Certified receipt No.
7008 1140 0004 6108 8383

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 SWD #2.

Date Mailed: _____

9/25/2014

Signature: _____

Stephanie A. Porter

Date: _____

9/25/2014

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

Section XIV--Proof of Notice to Leasehold Operators
Devon Energy Prod Co LP
C108 Application For Injection
Proposed Well: Parkway SWD #2

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

Headington Oil Company 2711 N. Haskill Ave., Suite 2800 Dallas, Texas 75204	Certified receipt No. 7008 1840 0004 6108 8390 ✓
Marcia Fuller French c/o L.R. French, Jr. AIF P.O. Box 11327 Midland, Texas 79702	Certified receipt No. 7008-1830-0002-7421-9840 ✓
COG Operating, LLC 600 W Illinois Ave Midland, Texas 79701	Certified receipt No. 7008-1830-0002-7421-9833 ✓
Cimarex Energy Company 202 S Cheyenne Ave Suite 1000 Tulsa, OK 74103	Certified receipt No. 7008-1830-0002-7421-9826 ✓
North American Energy 500 Crescent Court, Suite 270 Dallas, TX 75201-6997	Certified receipt No. 7008-1830-0002-7421-9819 ✓
Merit Energy Partners I LP 13727 Noel Road, Suite 500 Dallas, Texas 75240	Certified receipt No. 7008-1830-0002-7421-9802
Stanley O. Jester 3470 Wrangler Way Park City, UT 84098-4810	Certified receipt No. 7008-1830-0002-7421-9796
Bivins Energy Corp 4925 Greenville Ave., Suite 814 Dallas, TX 75206	Certified receipt No. 7008-1830-0002-7421-9789
OXY USA WTP LP P.O. Box 27570 Houston, TX 77227-7570	Certified receipt No. 7008-1830-0002-7421-9772
Marathon Oil Company P.O. Box 2069 Houston, TX 77252-2069	Certified receipt No. 7008-1830-0002-7421-9741
Mewbourne Oil Company P.O. Box 7698 Tyler, TX 75711	Certified receipt No. 7008-1830-0002-7421-9765
Strata Production Company P.O. Box 1030 Roswell, NM 88202	Certified receipt No. 7008-1830-0002-7421-9758

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 #2.

Date Mailed:

Signature:

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

Date:

**Parkway SWD #2
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 #:	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 ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ 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 CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

**Parkway SWD #2
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 ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ 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 CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

**Parkway SWD #2
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
TDS (mg/l or g/m3):	142243.1	Carbonate:	0.0	0.	Calcium:	6959.0	347.26
Density (g/cm3, tonne/m3):	1.099	Sulfate:	1319.0	27.46	Strontium:	245.0	5.59
Anion/Cation Ratio:	1	Phosphate:			Barium:	0.5	0.01
		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 ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ 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.

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:

January 30 2014

That the cost of publication is **\$60.08** and that payment thereof has been made and will be assessed as court costs.

Kathy McCarroll

Subscribed and sworn to before me this

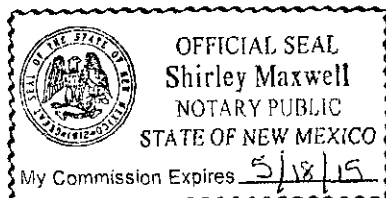
30th day of January, 2014

Shirley Maxwell

My commission Expires

May 18, 2015

Notary Public



January 30, 2014

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 SWD #2 will be a new drill; the proposed location is 650' FSL & 500' FWL, Section 29, Township 19 South, Range 29 East, in Eddy County, New Mexico. Disposal water will be sourced from area wells producing from the Bone Spring and Delaware formations. The disposal water will be injected into the Devonian/Silurian/Ordovician formation at a depth of 11,775' to 14000', at a maximum surface pressure of 2355 psi and a maximum rate of 10,000 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 Trevor Klaassen at Devon Energy Corporation, 333 West Sheridan, Oklahoma City, OK 73102, or call (405) 552-5069.



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

405 235 3611 Phone
www.devonenergy.com

September 25th, 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,

A handwritten signature in black ink, appearing to read "S. Porter", with a long horizontal stroke extending to the right.

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

September 25th, 2014

New Mexico State Land Office
Attn: Donald Martinez
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

RE: Form C-108, Application for Authorization to Inject
Parkway SWD #2; API# 30-015-
Eddy County, NM
Section 29, 19S, R29E; 650' FSL & 500' FWL

Dear New Mexico State Land Office:

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 SWD #2 to salt water disposal. Produced waters will be injected into the Mississippian/Silurian/Ordovician formation from 11755' to 14000'.

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 (405)-552-7882 or myself at (405)-552-7802.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephanie A. Porter", 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

September 25th, 2014

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

RE: Form C-108, Application for Authorization to Inject
Parkway SWD #2; API 30-015-
Eddy County, NM
Section 29, 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 SWD #2 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 Josh Bruening (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Porter", with a long horizontal stroke extending to the right.

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

September 25th, 2014

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

RE: Form C-108, Application for Authorization to Inject
Parkway SWD #2; API 30-015-
Eddy County, NM
Section 29, 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 SWD #2 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 Josh Bruening (405)-552-7882 or myself at (405)-552-7802.

Sincerely,

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

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0729
District II
511 S. First St., Artesia, NM 88210
Phone: (505) 745-1283 Fax: (505) 745-1720
District III
1600 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6175 Fax: (505) 334-6179
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3469 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 PARKWAY SWD		⁶ Well Number 2
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.		⁹ Elevation 3312.1

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
M	29	19 S	29 E		650	SOUTH	500	WEST	EDDY

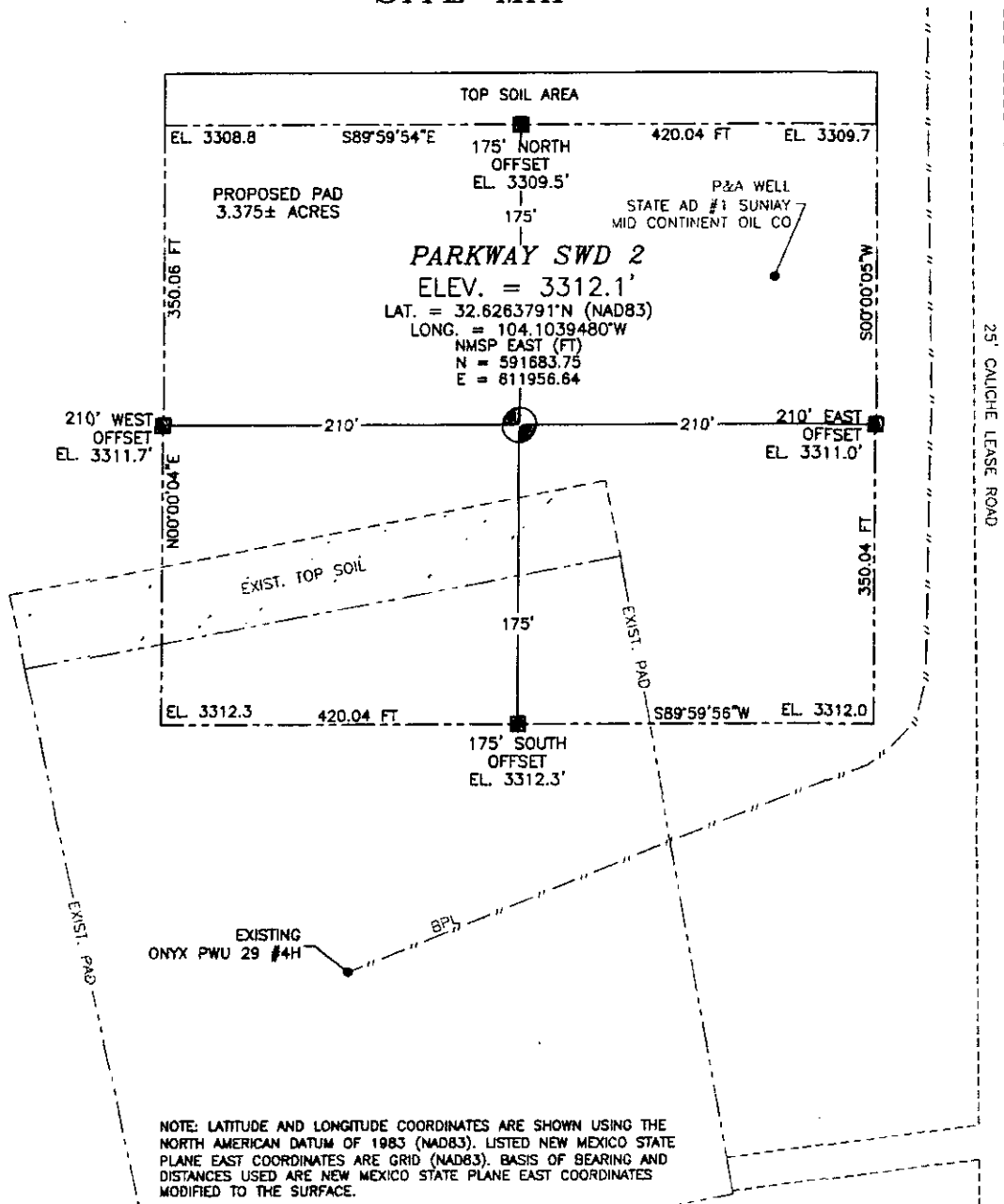
¹¹ Bottom Hole Location If Different From Surface

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.

<p>S89°49'44"E 2654.06 FT</p> <p>NW CORNER SEC. 29 LAT. = 32.6391287°N LONG. = 104.1055996°W</p> <p>NMSP EAST (FT) N = 596321.06 E = 611438.23</p>		<p>S89°57'47"E 2643.91 FT</p> <p>N/4 CORNER SEC. 29 LAT. = 32.6390910°N LONG. = 104.0969797°W</p> <p>NMSP EAST (FT) N = 596313.14 E = 6114091.64</p>		<p>NE CORNER SEC. 29 LAT. = 32.6390699°N LONG. = 104.0883927°W</p> <p>NMSP EAST (FT) N = 596311.43 E = 616734.90</p>		<p>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 released 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>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/4 CORNER SEC. 29 SCALED</p>		<p>E/4 CORNER SEC. 29 LAT. = 32.6318084°N LONG. = 104.0883986°W</p> <p>NMSP EAST (FT) N = 593669.65 E = 616739.19</p>		<p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>	
<p>SW CORNER SEC. 29 LAT. = 32.6245965°N LONG. = 104.1055979°W</p> <p>NMSP EAST (FT) N = 591034.18 E = 611459.34</p>		<p>PARKWAY SWD 2 ELEV. = 3312.1' LAT. = 32.6263791°N; (NAD83) LONG. = 104.1039480°W</p> <p>NMSP EAST (FT) N = 591623.75 E = 611956.64</p>		<p>S/4 CORNER SEC. 29 LAT. = 32.6245766°N LONG. = 104.0969987°W</p> <p>NMSP EAST (FT) N = 591032.71 E = 6114097.52</p>		<p>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.</p> <p>JANUARY 10, 2014</p> <p>Date of Survey _____</p>	
<p>500'</p> <p>SURFACE LOCATION</p>		<p>SE CORNER SEC. 29 LAT. = 32.6245465°N LONG. = 104.0884131°W</p> <p>NMSP EAST (FT) N = 591027.73 E = 616739.26</p>		<p>Signature and Seal of Professional Surveyor: _____</p> <p>Certificate Number: FELIXON F. JARAMILLO, PLS 12797</p> <p>SURVEY NO. 2498</p>		<p>N89°58'05"W 2638.83 FT</p> <p>N89°53'32"W 2642.38 FT</p>	

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



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CR 235 (CURRY COMB ROAD) AND CR 242 (BUCKSKIN ROAD) GO EAST ON CR 235 1.23 MILES TO A CALICHE LEASE ROAD ON RIGHT GO SOUTH OVER CATTLE GUARD 2.22 MILES TO A CALICHE LEASE ROAD ON RIGHT GOES TO ONYX PWU 29 #4H GO WEST 150 FT. TO EXIST PAD SITE IS JUST NORTH OF PAD

DEVON ENERGY PRODUCTION COMPANY, L.P.
PARKWAY SWD 2

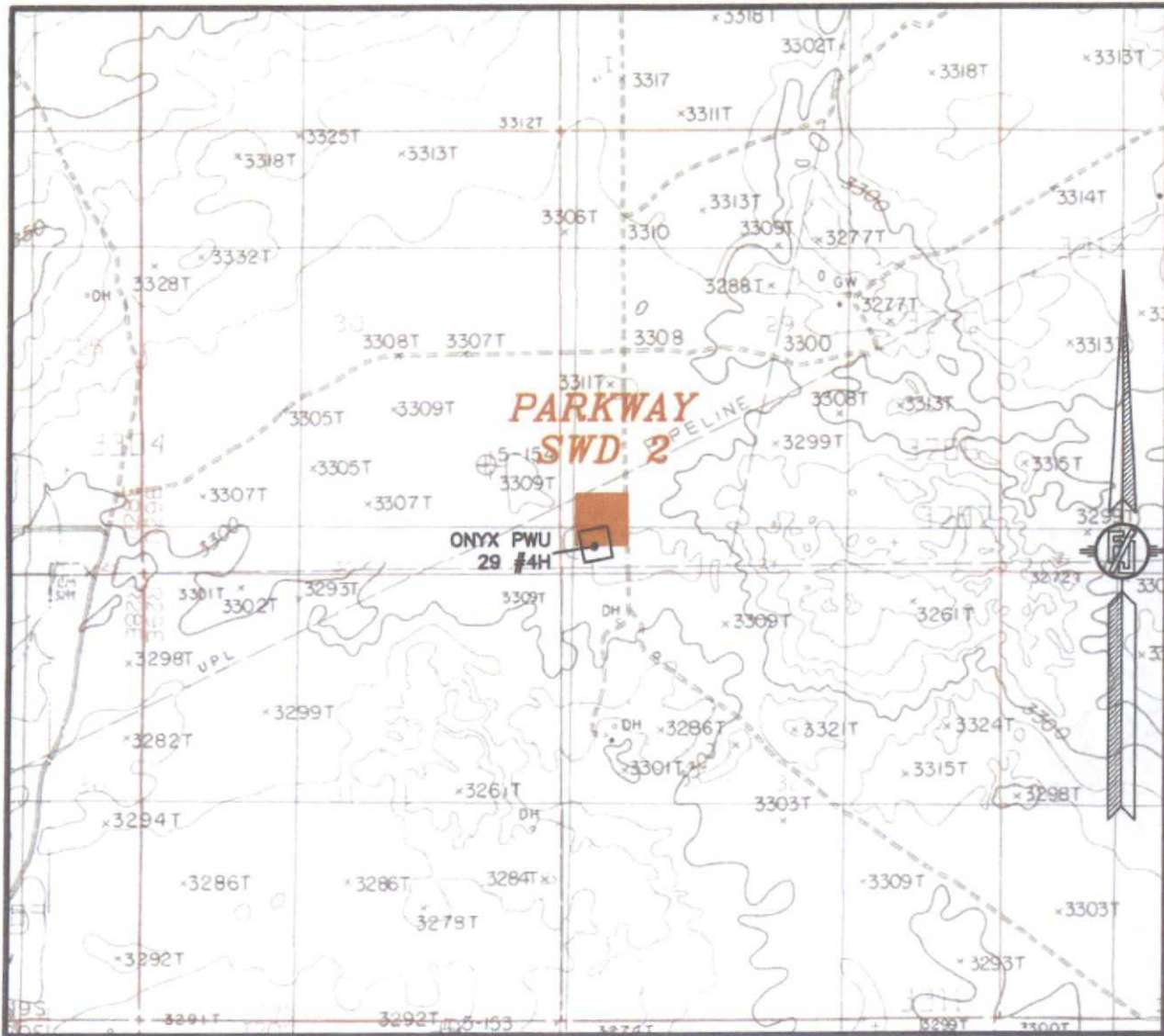
LOCATED 650 FT. FROM THE SOUTH LINE
AND 500 FT. FROM THE WEST LINE OF
SECTION 29, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 16, 2014

SURVEY NO. 2498

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

SECTION 29, 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 SWD 2

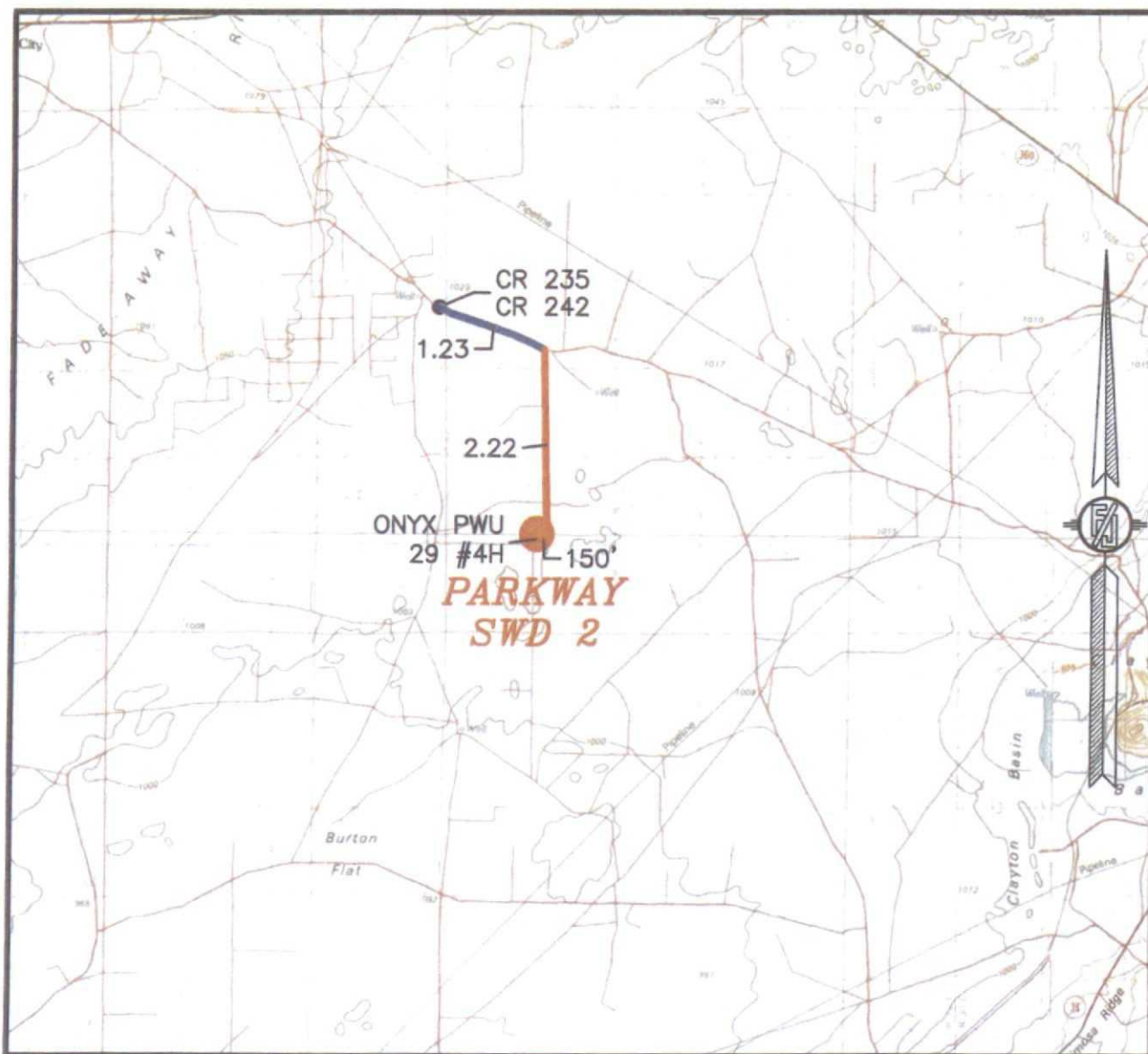
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EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 16, 2014

SURVEY NO. 2498

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

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



DISTANCES IN MILES

NOT TO SCALE

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CR 235 (CURRY COMB ROAD) AND CR 242 (BUCKSKIN ROAD) GO EAST ON CR 235 1.23 MILES TO A CALICHE LEASE ROAD ON RIGHT GO SOUTH OVER CATTLE GUARD 2.22 MILES TO A CALICHE LEASE ROAD ON RIGHT GOES TO ONYX PWU 29 #4H GO WEST 150 FT. TO EXIST PAD SITE IS JUST NORTH OF PAD

**DEVON ENERGY PRODUCTION COMPANY, L.P.
PARKWAY SWD 2**

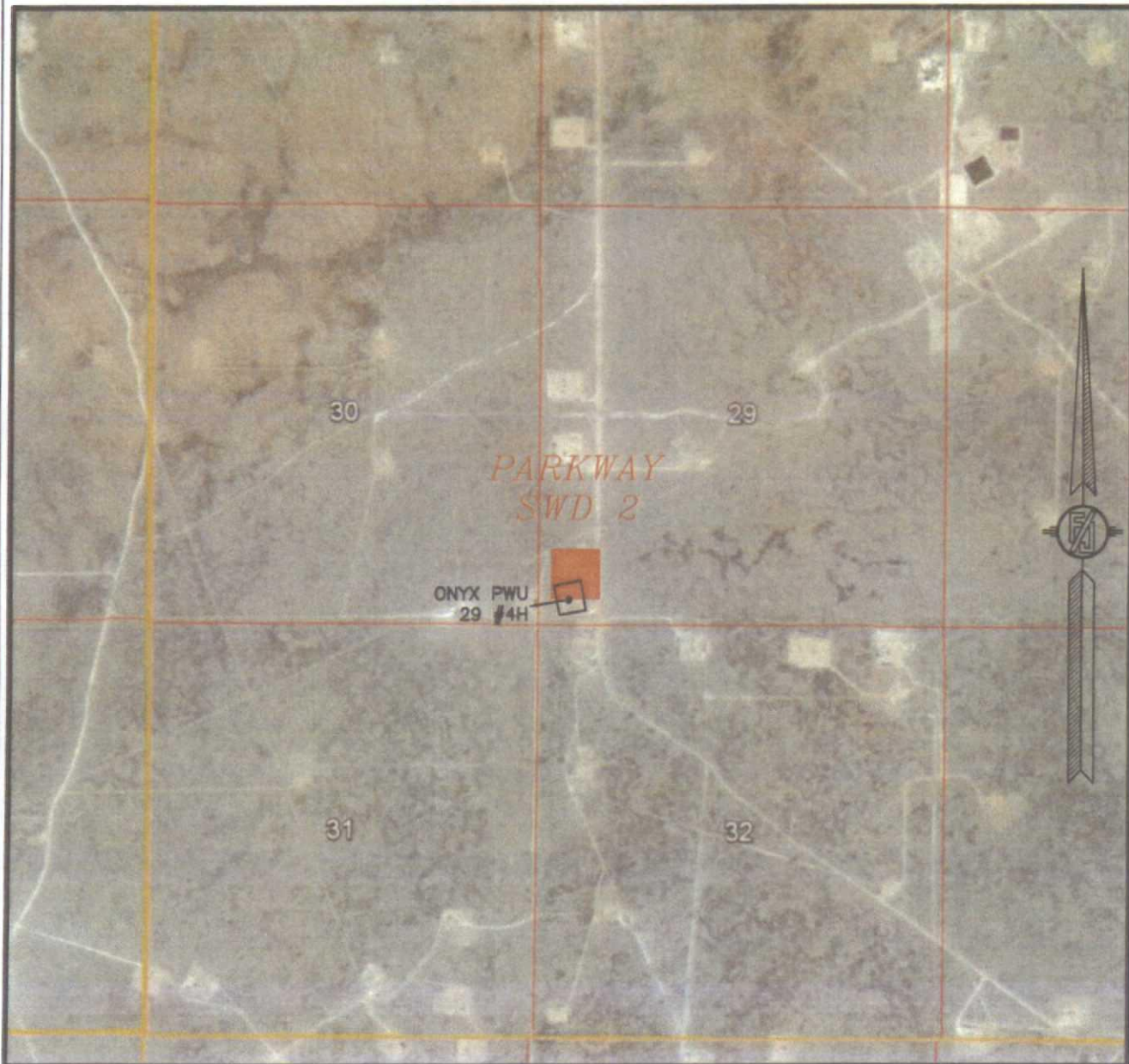
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SECTION 29, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 16, 2014

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

SURVEY NO. 2498
CARLSBAD, NEW MEXICO

SECTION 29, 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
APRIL 2013

DEVON ENERGY PRODUCTION COMPANY, L.P.
PARKWAY SWD 2

LOCATED 650 FT. FROM THE SOUTH LINE
AND 500 FT. FROM THE WEST LINE OF
SECTION 29, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 16, 2014

SURVEY NO. 2498

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



C-108 Review Checklist: Received 9/26/15 Add. Request: — Reply Date: — Suspended: — [Ver 15]

ORDER TYPE: WFX / PMX / SWD Number: 1518 Permit Date: 01/29/15 Legacy Permits/Orders: None

Well No. 2 Well Name(s): Parkway SWD

API: 30-0 15-42687 Spud Date: TBD New or Old: New (UIC Class II Primacy 03/07/1982)

Footages 650 FSL, 500 FLL Lot — or Unit 14 Sec 29 Tsp 19S Rge 29E County Edy

General Location: East of Fadeaway Bridge, SE of Oil City Pool: SWD, Miss - Devonian Pool No.: 96319

BLM 100K Map: Artesia Operator: Production Company OGRID: 43 Contact: Porter

COMPLIANCE RULE 5.9: Total Wells: 1980 Inactive: 6 Fincl Assur: Y Compl. Order? No IS 5.9 OK? Y Date: 1/20/2015

WELL FILE REVIEWED ☒ Current Status: Proposed

WELL DIAGRAMS: NEW: Proposed ☒ or RE-ENTER: Before Conv. ☐ After Conv. ☐ Logs in Imaging: NA

Planned Rehab Work to Well: NA

Well Construction Details		Sizes (in)	Setting	Cement	Cement Top and
		Borehole / Pipe	Depths (ft)	Sx or Cf	Determination Method
Planned <input checked="" type="checkbox"/> or Existing <input type="checkbox"/> Surface		<u>26" / 20"</u>	<u>350</u>	<u>850</u>	<u>SURFACE/CIRC</u>
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Interm/Prod		<u>17 1/2" / 13 3/8"</u>	<u>3300</u>	<u>2460</u>	<u>SURFACE/CIRC</u>
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Interm/Prod		<u>12 1/4" / 9 5/8"</u>	<u>9200</u>	<u>675</u>	<u>SURFACE/CIRC</u>
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Prod/Liner		<u>8 3/4" / 7"</u>	<u>11775</u>	<u>675</u>	<u>(CBL) - no info</u>
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Liner		<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Planned <input checked="" type="checkbox"/> or Existing <input type="checkbox"/> OH PERF		<u>11775</u>	<u>14000</u>	<u>2225</u>	
Injection Lithostratigraphic Units:		Depths (ft)	Injection or Confining Units	Completion/Operation Details:	
Adjacent Unit: Litho. Struc. Por.			<u>Morrow</u>	Drilled TD <u>14000</u>	PBTD <u>—</u>
Confining Unit: Litho. Struc. Por.		<u>0</u>	<u>Burnett Shale</u>	NEW TD <u>—</u>	NEW PBTD <u>—</u>
Proposed Inj Interval TOP:		<u>11775</u>	<u>Mississippian ls</u>	NEW Open Hole <input checked="" type="checkbox"/> or NEW Perfs <input type="checkbox"/>	
Proposed Inj Interval BOTTOM:			<u>Upper Ordovician</u>	Tubing Size <u>4 1/2</u> in. Inter Coated? <u>Yes</u>	
Confining Unit: Litho. Struc. Por.		<u>14000</u>	<u>Ellenburger</u>	Proposed Packer Depth <u>11725</u> ft	
Adjacent Unit: Litho. Struc. Por.			<u>PE wash</u>	Min. Packer Depth <u>11625</u> (100-ft limit)	
				Proposed Max. Surface Press. <u>2355</u> psi	
				Admin. Inj. Press. <u>2355</u> (0.2 psi per ft)	

AOR: Hydrologic and Geologic Information

POTASH: R-111-P ☒ Noticed? NA BLM Sec Ord No WIPP ☒ Noticed? NA SALT/SALADO T: 280 B: CLIFF HOUSE

FRESH WATER: Capitan / Aluvial (minor) Max Depth <250' HYDRO AFFIRM STATEMENT By Qualified Person ☒

NMOSE Basin: Capitan CAPITAN REEF: thru ☒ adj ☐ NA ☐ No. Wells within 1-Mile Radius? 0 FW Analysis ☐

Disposal Fluid: Formation Source(s) Delaware / 3000 Spring Analysis? Y On Lease ☐ Operator Only ☒ or Commercial ☒

Disposal Int: Inject Rate (Avg/Max BWPD): 10000 Protectable Waters? Low Source: Unknown System: Closed ☐ or Open ☐

HC Potential: Producing Interval? None [for series] Formerly Producing? No Method: Logs/DST/P&A/Other Mudlog 2-Mile Radius Pool Map ☐

AOR Wells: 1/2-M Radius Map? Yes Well List? Yes Total No. Wells Penetrating Interval: 1 Horizontals? Too Shallow

Penetrating Wells: No. Active Wells 0 Num Repairs? — on which well(s)? — Diagrams? —

Penetrating Wells: No. P&A Wells 1 Num Repairs? 0 on which well(s)? Devonian string cmted to surf Diagrams? Yes

NOTICE: Newspaper Date 4/30/2014 Mineral Owner NMSLO Surface Owner NMSLO N. Date 9/25/14

RULE 26.7(A): Identified Tracts? Yes Affected Persons: Cimarron, Oxy, Marathon N. Date 9/25/14

Order Conditions: Issues: Unknown HC potential; too deep into Ordovician; sal. Calc. protectable; CBL

Add Order Cond: limit top of Ellenburger; injection survey; mudlog; salinity calc; CBL for 7 inch not identifi

Picks/amend order (due to length)