

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	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

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

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

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

Stephanie A. Porter
 Print or Type Name

Signature

Operations Technician
 Title

Date

1/27/2015

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John Bemis
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey
Division Director
Oil Conservation Division



Administrative Order SWD-1413
April 11, 2013

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Pursuant to the provisions of 19.15.26.8B NMAC, Devon Energy Production Company, L.P. seeks an administrative order to utilize its proposed Burton Flat Deep Unit SWD Well No. 2 to be located 330 feet from the South line and 2360 feet from the East line, Unit letter O of Section 27, Township 20 South, Range 28 East, NMPM, Eddy County, New Mexico, for produced water disposal purposes.

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of 19.15.26.8B NMAC and satisfactory information has been provided that affected parties as defined in said rule have been notified and no objections have been received within the prescribed waiting period. The applicant has presented satisfactory evidence that all requirements prescribed in 19.15.26.8 NMAC have been met and the operator is in compliance with 19.15.5.9 NMAC.

IT IS THEREFORE ORDERED THAT:

The applicant, Devon Energy Production Company, L.P., is hereby authorized to utilize its proposed Burton Flat Deep Unit SWD Well No. 2, to be located 330 feet from the South line and 2360 feet from the East line, Unit letter O of Section 27, Township 20 South, Range 28 East, NMPM, Eddy County, for disposal of produced water into the Devonian, Silurian, and Ordovician through an open hole interval from approximately 11,700 feet to 13,500 feet through internally coated tubing and a packer set within 100 feet of the permitted interval.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the disposed water enters only the approved disposal interval and is not permitted to escape to other formations or onto the surface.

After installing tubing, the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The well shall pass an initial mechanical integrity test ("MIT") prior to initially

commencing disposal and prior to resuming disposal each time the disposal packer is unseated. All MIT testing procedures and schedules shall follow the requirements in Division Rule 19.15.26.11A. NMAC. The Division Director retains the right to require at any time wireline verification of completion and packer setting depths in this well.

The wellhead injection pressure on the well shall be limited to **no more than 2340 psi**. In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the disposed fluid from the target formation. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate-Test.

The operator shall notify the supervisor of the Division's district II office of the date and time of the installation of disposal equipment and of any MIT test so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of disposal to the Division's district office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division Rules 19.15.26.13 and 19.15.7.24 NMAC.

Without limitation on the duties of the operator as provided in Division Rules 19.15.29 and 19.15.30 NMAC, or otherwise, the operator shall immediately notify the Division's district II office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.

The injection authority granted under this order is not transferable except upon division approval. The division may require the operator to demonstrate mechanical integrity of any injection well that will be transferred prior to approving transfer of authority to inject.

The division may revoke this injection permit after notice and hearing if the operator is in violation of 19.15.5.9 NMAC.

The disposal authority granted herein shall terminate two years after the effective date of this order if the operator has not commenced injection operations into the subject well. One year after the last date of reported disposal into this well, the Division shall consider the well abandoned, and the authority to dispose will terminate *ipso facto*. The Division, upon written request mailed by the operator prior to the termination date, may grant an extension thereof for good cause.

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

Jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.

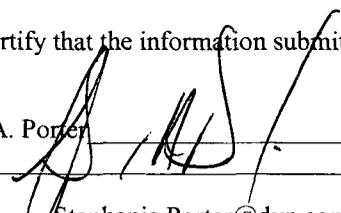


JAMI BAILEY
Director

JB/re

cc: Oil Conservation Division – Artesia District Office
Bureau of Land Management – Carlsbad Field Office

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: 7/27/2015
E-MAIL ADDRESS: Stephanie.Porter@dvn.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

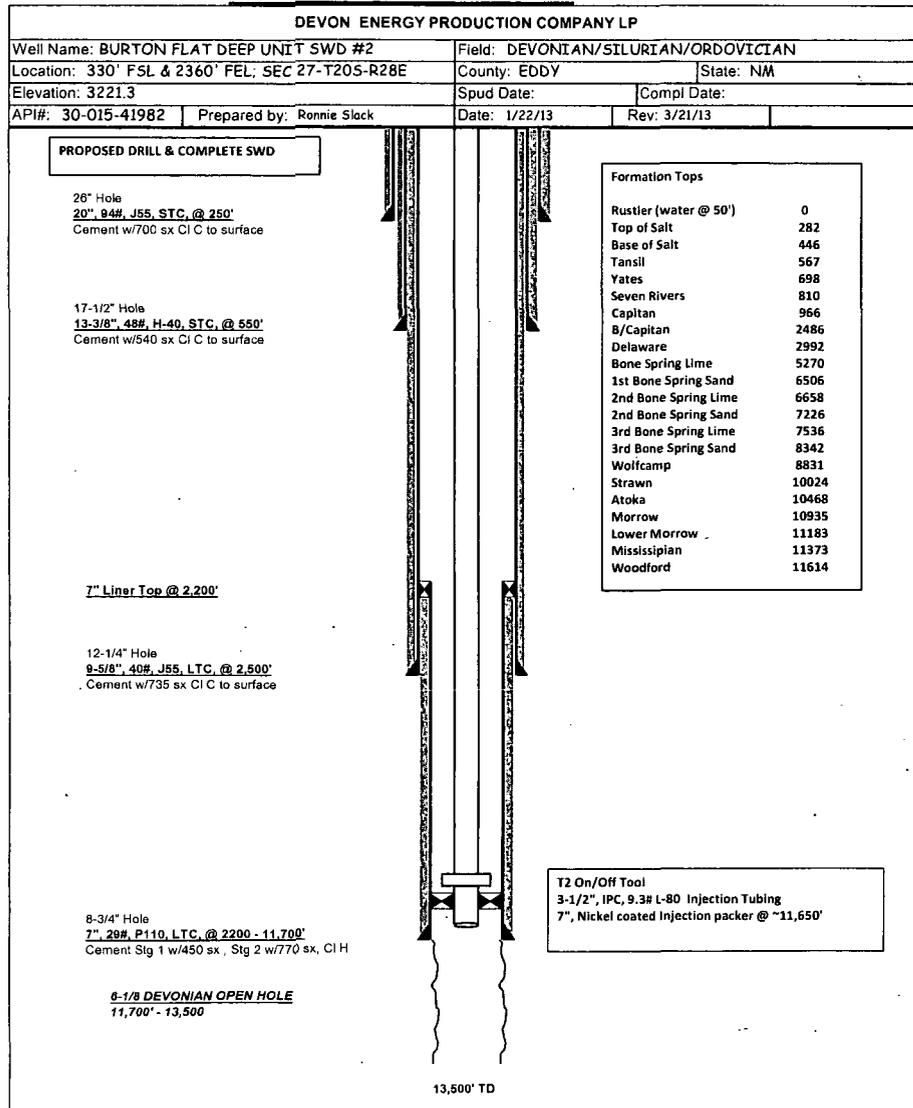
INJECTION WELL DATA SHEET

OPERATOR: Devon Energy Production Company, LP

WELL NAME & NUMBER: BURTON FLAT DEEP UNIT SWD #2

WELL LOCATION: 330' FSL & 2360' FEL O. Sec 27 T20S R28E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 26" Casing Size: 20", 94# @ 250'
 Cemented with: 700 sx. *or* _____ ft³
 Top of Cement: Surface Method Determined: Circ. cement

Intermediate Casing

Hole Size: 17-1/2" Casing Size: 13-3/8", 48#, @ 550'
 Cemented with: 540 sx. *or* _____ ft³
 Top of Cement: Surface Method Determined: Circ. cement

Intermediate Casing

Hole Size: 12-1/4" Casing Size: 9-5/8", 40#, @ 2500'
 Cemented with: 735 sx. *or* _____ ft³
 Top of Cement: Surface Method Determined: Circ. Cmt

Production Casing

Hole Size: 8-3/4" Casing Size: 7", 29#, @ 11700'
 Cemented with: 1220 sx. *or* _____ ft³
 Top of Cement: TOC @ 2200' Method Determined: Calc TOC

Total Depth: 13500'

Injection Interval (Open Hole)

11700' to 13500'

(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: +/- 11,650' _____

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

Additional Data

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

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

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

3. Name of Field or Pool (if applicable): 97869

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 0 (Surface); Top of Salt 282 (Barren); Base Salt 446 (Barren); Tansil 567 (Barren); Yates 698 (Oil); Seven Rivers 810 (Barren); Capitan 966 (Barren); Capitan Base 2486 (Barren); Delaware 2992 (Oil); Bone Spring Lime 5270 (Oil); 1st Bone Spring Sand 6506 (Oil); 2nd Bone Spring Lime 6658 (Oil); 2nd Bone Spring Sand 7226 (Oil); 3rd Bone Spring Lime 7536 (Oil); 3rd Bone Spring Sand 8342 (Oil); Wolfcamp 8831 (Gas); Strawn 10024 (Gas); Atoka 10468 (Gas shows); Morrow 10935 (Gas); Lower Morrow 11183 (Gas); Mississippian 11373 (Barren); Woodford 11614 (Barren); Devonian/Silurian/Ordovician 11700 (Barren)

Proposed Injection Well: Burton Flat Deep Unit #2

API: 30-015-41982

APPLICATION FOR INJECTION

Form C-108 Section III

III. Well Data--On Injection Well

A. Injection Well Information

- (1) **Lease** Burton Flat Deep Unit SWD
Well No #2
Location 330' FSL & 2360' FEL
Sec.Twn,Rnge Sec 27-T20S-R28E
Cnty, State Eddy County, NM

- (2) **Casing** 20", 94#, J-55 STC, @ 250'
Cmt w/700 sx, circ cmt to surf

13-3/8", 48#, H-40, STC, @ 550'
Cmt'd w/540 sx, circ cmt to surf

9-5/8", 40#, J-55 LTC, @ 2500'
Cmt'd w/735, circ cmt to surf

7", 29#, P110 LTC, @ 11700'
Cmt w/1220 sx, ctoc @ 2200'

- (3) **Injection Tubing** 3-1/2" IPC injection tubing

- (4) **Packer** 7" Nickel Coated Arrowset Packer @ +/- 11650'

B. Other Well Information

- (1) **Injection Formation:** Devonian/Silurian/Ordovician
Field Name: (To Be Assigned)

- (2) **Injection Interval:** 11,700 - 13,500'

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

New Drill SWD: Devonian/Silurian/Ordovician

- (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 0 (Surface); Top of Salt 282 (Barren); Base Salt 446 (Barren); Tansil 567 (Barren); Yates 698 (Oil); Seven Rivers 810 (Barren); Capitan 966 (Barren); Capitan Base 2486 (Barren); Delaware 2992 (Oil); Bone Spring Lime 5270 (Oil); 1st Bone Spring Sand 6506 (Oil); 2nd Bone Spring Lime 6658 (Oil); 2nd Bone Spring Sand 7226 (Oil); 3rd Bone Spring Lime 7536 (Oil); 3rd Bone Spring Sand 8342 (Oil); Wolfcamp 8831 (Gas); Strawn 10024 (Gas); Atoka 10468 (Gas shows); Morrow 10935 (Gas); Lower Morrow 11183 (Gas); Mississippian 11373 (Barren); Woodford 11614 (Barren); Devonian/Silurian/Ordovician 11700 (Barren)

Proposed Injection Well: Burton Flat Deep Unit #2

API: 30-015-41982

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: 1170 psi
Proposed max injection pressure: 2340 psi
- (4) The injection fluid will be produced water from area wells producing from the Bone Spring and/or Delaware formations that will be injected into the Devonian/Silurian/Ordovician formation.
- (5) A representative water analysis is submitted for Bone Spring and Delaware formation.

VIII Geologic Injection Zone Data

The injection zone is the Devonian/Silurian/Ordovician formation from 11700 - 13500'. The gross injection interval is 1800' thick. The Devonian formation is a Permian aged sandstone. The average depth to fresh water is 50' in this area.

IX Proposed Stimulation

Based on injectivity results this interval could be stimulated with ~18000 gals HCL.

X Log Data

Logs will be provided when the completion report is filed.

XI Fresh Water Analysis

Fresh water wells were identified in the vicinity of the Burton Flat Deep Unit #1 well, representative analysis have been provided.

XII Geologic / Engineering Statement

An examination of this area has determined there are no open faults or other hydrologic connection between the disposal zone and any underground drinking water.

See geologic write up and support for Devonian/Silurian/Ordovician

XIII Proof of Notice

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

Comments for the Burton Flat Deep Unit SWD #2 application for conversion to saltwater disposal.

Name of the Injection Formation: Devonian/Silurian/Ordovician

Field or Pool Name (if known): (to be assigned) 97869

Injection Interval: 11,700'-13,500' open hole

Depth to Fresh Water's Stratigraphic Unit Name: Rustler

Depth to Ground Water: 50' (CP 00920; NESENW 33-20S/28E)

Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well: Next Higher - Morrow (10,935'); Next Lower - N/A

Potential Productivity of the target disposal interval: See Comments Below

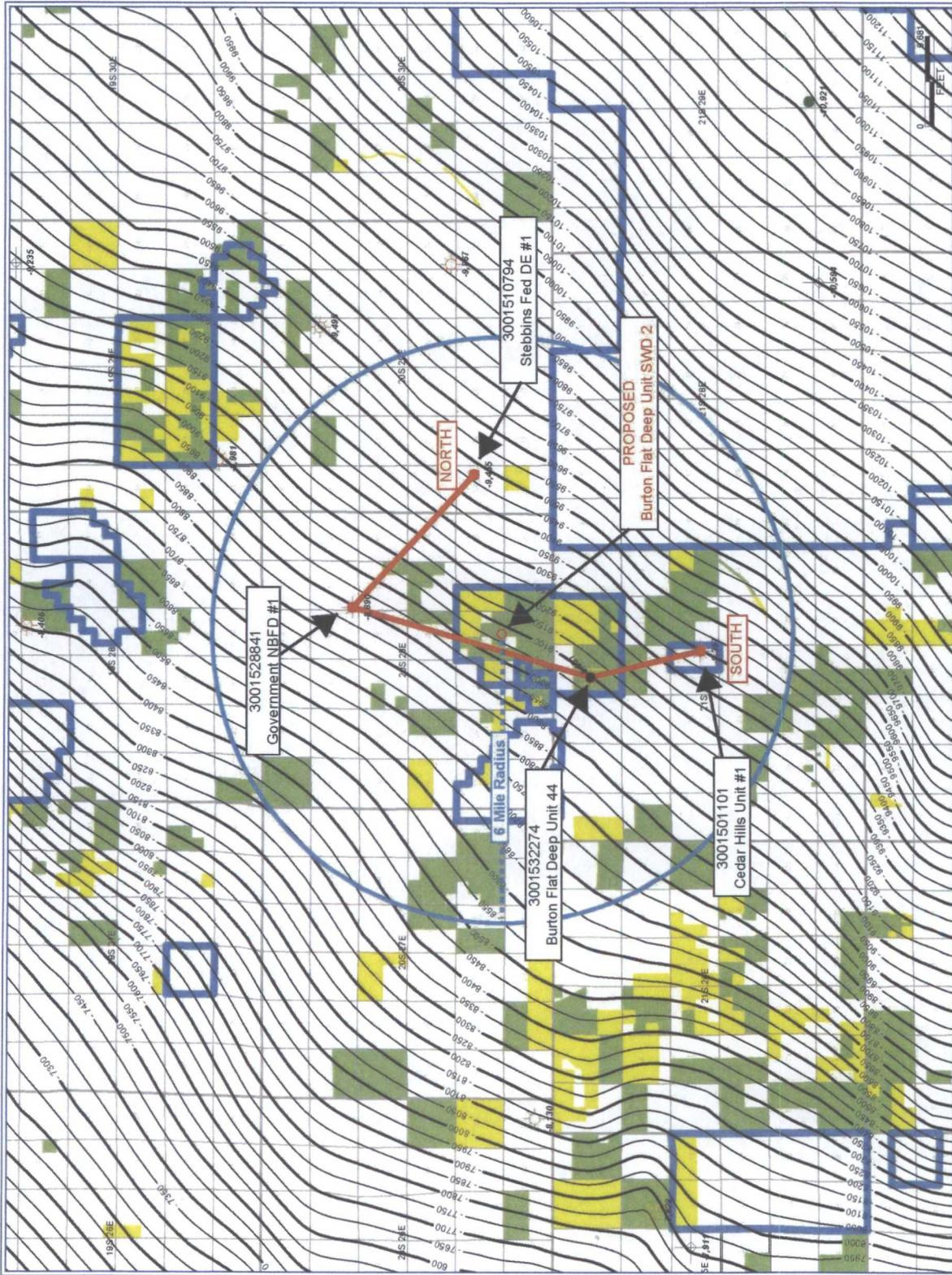
Disposal water will be sourced from area wells from the Bone Spring and/or Delaware formation(s).

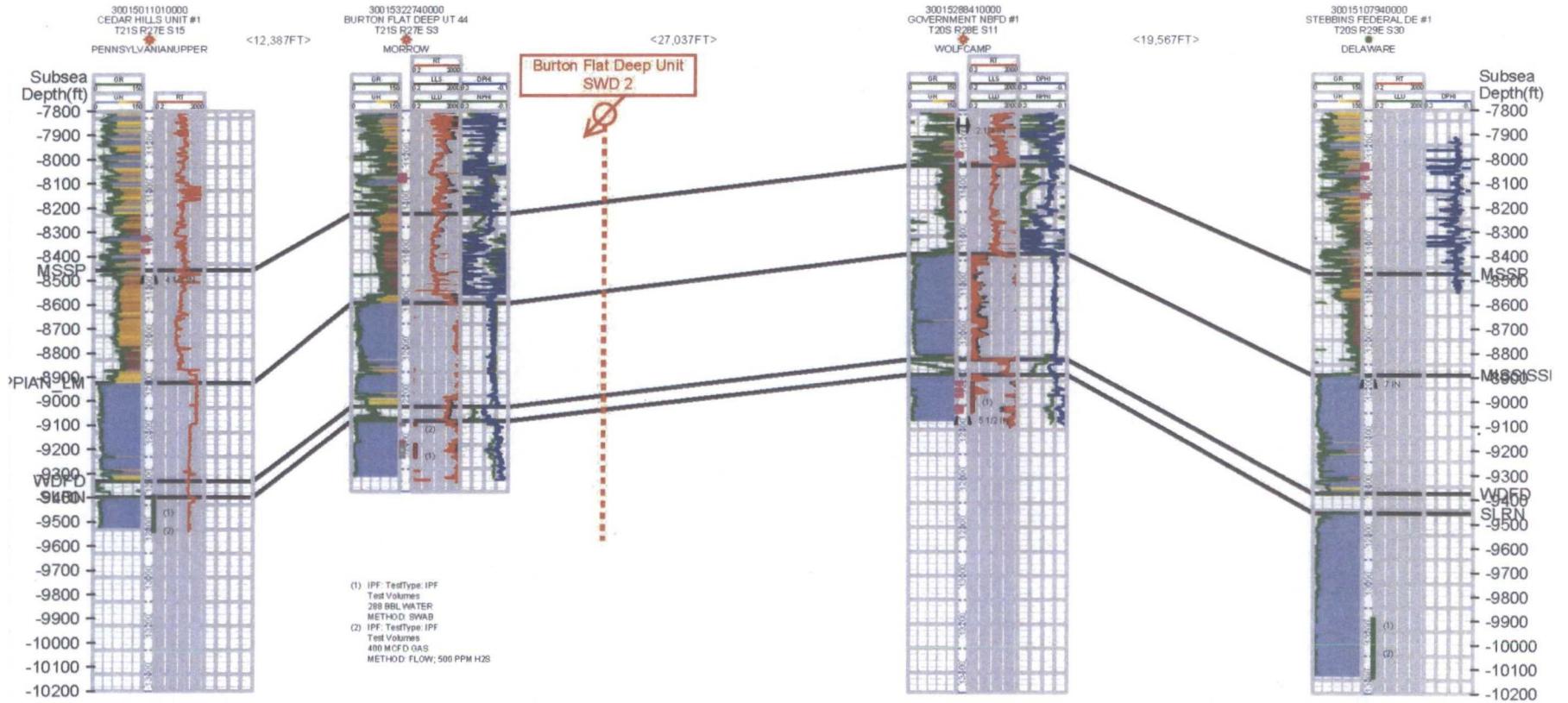
Burton Flat Deep Unit SWD #2 (SWSWSE 27-20S-28E; PTD 12582')

The proposed interval for disposal per the Burton Flat Deep Unit SWD #2 SWD APD is the Devonian/Silurian/Ordovician from 11,700' to 13,500'. A review of the wells surrounding the drill site shows that the closest Devonian/Silurian/Ordovician penetrations are the Government Nbfd #1 in 11-T20S-28E (3.14 miles NNE), Burton Flat Deep Unit #44 in 3-T21S-R27E (2.04 miles SSW), Stebbins Deep Federal #1 in 30-T20S-R29E (3.32 miles East), and Cedar Hills Unit #1 in 15-T21S-R27E (4.16 miles South). These wells are shown on the subsequent map and cross-section along with the proposed Burton Flat Deep Unit SWD #2. These wells all tested the Devonian/Silurian/Ordovician in some capacity. None of the DST, IPF or PTS tests produced hydrocarbons in quantities that warranted further testing and/or completion. Below are the test results for the four (4) offset wells in the cross-section.

1. Burton Flat Deep Unit #44 (API# 3001532274)
 - a. Closest test to the proposed BFDU SWD #2, is 2.04 miles and -25 FT downdip
 - b. Two (2) IPFs were performed in the Devonian/Silurian
 - i. IPF #1 from 12,407-12,459 FT Swabbed 288 BW
 - ii. IPF#2 from 12,317-12,325 FT Flowed 400 mcf/d with 500 ppm H₂S
2. Cedar Hills Unit #1 (API# 3001501101)
 - a. Well is 4.16 miles from proposed BFDU SWD #2 and -300 FT downdip
 - b. Two (2) DSTs were performed in the Devonian/Silurian
 - i. DST #1 from 12,659-12,761 FT recovered 2,000 FT water blanket (WB) + 120 FT mud (M)
 - ii. DST #2 from 12,761-12,811 FT recovered 2,000 FT WB + 3588 FT saltwater (XZW)
3. Stebbins Federal DE #1 (API# 3001510794)
 - a. Well is 3.32 miles from proposed BFDU SWD #2 and -400 FT downdip
 - b. Two (2) DSTs were performed in the Devonian/Silurian
 - i. DST #1 from 13,141-13,157 FT recovered 95 FT M + 115 FT slight oil cut mud (SOCW)
 - ii. DST #2 from 13,144-13,391 FT recovered 3,000 FT mud cut water (MCW) + 9,761 FT XZW
4. Government Nbfd #1 (API# 3001528841)
 - a. Well is 3.14 miles from proposed BFDU SWD #2 and -200 FT updip
 - b. One (1) Perforation Test in Devonian/Silurian
 - i. PTS #1: 12,204-12,324 FT swabbed 49 barrels water in 4.5 hours

REGIONAL TOP DEVONIAN/SILURIAN STRUCTURE MAP
from WELL TOPS
(C.I. = 50 ft)





(1) DST: 12659-12761
12/28/1962
IPF: 966
FFP: 966
ISP: 5579
FSP: 5536
DST Recoveries
2000 FT WB
120 FT M

(2) DST: 12761-12811
12/28/1962
IPF: 1123
FFP: 2499
ISP: 5544
FSP: 5497
DST Recoveries
2000 FT WB
3588 FT XZV

(1) PTS TestType: PTS
Test Volumes
Date: 05/24/1996
49 BBL WATER
METHOD: SWABBING SWBD 49 BW
IN 4 HRS 30 MINS

(1) DST: 13141-13157
09/08/1966
IPF: 87
FFP: 133
ISP: 5729
DST Recoveries
95 FT M
115 FT SOCW

(2) DST: 13144-13291
09/08/1966
IPF: 6810
FFP: 8033
ISP: 5833
FSP: 5844
DST Recoveries
3000 FT MCW
9781 FT XZV

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: BURTON FLAT DEEP UNIT SWD #2		Field: DEVONIAN/SILURIAN/ORDOVICIAN	
Location: 330' FSL & 2360' FEL; SEC 27-T20S-R28E		County: EDDY	State: NM
Elevation: 3221.3		Spud Date:	Compl Date:
API#: 30-015-41982	Prepared by: Ronnie Slack	Date: 1/22/13	Rev: 3/21/13

PROPOSED DRILL & COMPLETE SWD

26" Hole
20", 94#, J55, STC, @ 250'
 Cement w/700 sx CI C to surface

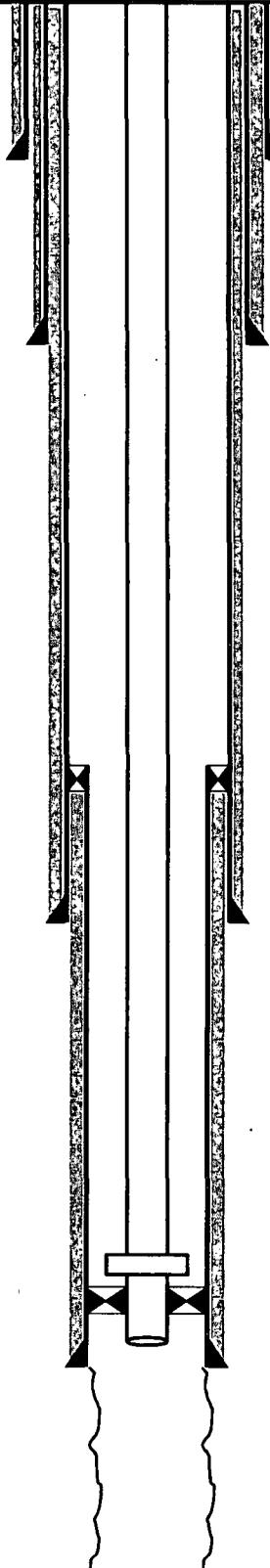
17-1/2" Hole
13-3/8", 48#, H-40, STC, @ 550'
 Cement w/540 sx CI C to surface

7" Liner Top @ 2,200'

12-1/4" Hole
9-5/8", 40#, J55, LTC, @ 2,500'
 Cement w/735 sx CI C to surface

8-3/4" Hole
7", 29#, P110, LTC, @ 2200 - 11,700'
 Cement Stg 1 w/450 sx, Stg 2 w/770 sx, CI H

6-1/8 DEVONIAN OPEN HOLE
11,700' - 13,500'



Formation Tops

Rustler (water @ 50')	0
Top of Salt	282
Base of Salt	446
Tansil	567
Yates	698
Seven Rivers	810
Capitan	966
B/Capitan	2486
Delaware	2992
Bone Spring Lime	5270
1st Bone Spring Sand	6506
2nd Bone Spring Lime	6658
2nd Bone Spring Sand	7226
3rd Bone Spring Lime	7536
3rd Bone Spring Sand	8342
Wolfcamp	8831
Strawn	10024
Atoka	10468
Morrow	10935
Lower Morrow	11183
Mississipian	11373
Woodford	11614

T2 On/Off Tool
 3-1/2", IPC, 9.3# L-80 Injection Tubing
 7", Nickel coated Injection packer @ ~11,650'

13,500' TD

DVN: **Burton Flat Deep SWD #2**

API #30-015-41982

Lat/Long: TBD

SL: TBD

Sec 27-T20S-R28E

Eddy County, NM

2-12-13

WBS# For Permitting

Purpose: New Drill Devonian producer to SWD (Preliminary)

GLM:

KBM:

KB:

T.D. – 13,500' Open Hole.

Well spud:

NOTE: WELL MAY CONTAIN HIGH H2S LEVELS. SAFETY TRAILER, EQUIPMENT AND PERSONELL ARE REQUIRED.

Casing and Tubing Data:

Size	Wt. lb/ft	Grade	Interval	(75% S.F.) Collapse	(75% S.F.) Burst	Drift	Capacity (bbls/ft)
20"	94	J-55	0-250	390	1,582	18.93"	0.3552
13-3/8"	48	H-40	0 – 550	577	1,297	12.56"	0.157
9-5/8"	40	J-55	0 – 2,500'	1,927	2,962	8.68"	0.0758
7"	29	P-110	2,200' – 11,700'	6,382	8,415	6.06"	0.0371
8-3/4" OPEN HOLE	∅	∅	11,700' – 13,500'	-	-	-	0.0744
3-1/2" lined	9.3	L-80	0 - 11,650'	7,905	7,620	2.50"	.00870

3-1/2" tbg x 7" csg capacity: ~ 0.0339 bbl/ft

3-1/2" tbg x 9-5/8" csg capacity: ~ 0.0638 bbl/ft

Est. Top of Cement (outside 7" csg): 2200' (preliminary), confirm with CBL if required by State/Fed.

Existing In Hole: Bridge plug set at ~11,600'

Devonian Open Hole

11,700' – 13,500'

Safety:

All personnel will wear hard hats, safety glasses with side shields, and steel toed boots while on location. Assess wellhead working height for safety. If needed, use work platform or man-lift for fall protection. H2S SAFETY PERSONELL AND MONITORING EQUIPMENT IS TO BE ON LOCATION AT ALL TIMES DURING WORKOVER OPERATIONS.

BFDU SWD #2

Procedure:

1. **Notify all regulatory agencies prior to initiation of work (if required) and Devon EHS personnel. Have H2S safety equipment and personnel on location during all well work.** Hold tailgate safety meetings prior to R.U., each morning and before each operational change or event.
2. Test and/or install anchors. MIRU WSU. Spot necessary enclosed tanks, gas buster with flare stack and temporary flow lines to equipment. Record pressures on tbg, and csg. **RU H2S safety trailer, equipment and personnel.**
3. ND well cap, NU 5K BOPE and test.
4. PU 6" rock bit, bit sub, and collars. RIH on 3-1/2" rental tubing. Tag top of bridge plug at ~11,600'.
5. RU power swivel, hydraulic pumps, and tanks. Verify hole is full of brine. Drill up bridge plug thru to plug slips. Once plug falls, chase to bottom to verify it is not stuck in open-hole section. Continue to drill as necessary until bottom is reached. TOH to surface. RD power swivel.
6. Rig up Western Falcon & Weatherford. PU RIH 7" internally Nickel coated Weatherford Arrowset Packer, 4-1/2" x 3-1/2" Type T-2 On/Off Tool internally Nickel coated, ~ 11,650' of 3-1/2", ~ 10#, L-80, Ewertube lined tbg (eue - 8rd) to +/- 12,105' KBM. Have brine ready to keep hole full.
7. RU Pumping Services. Test lines. Reverse circ hole with ~ 500 bbls 2% KCL containing corrosion inhibitor (corrosion inhibitor ppm per Baker Petrolite recommendation). Use 10 ppg Nadine Brine if necessary.
8. Space out and set Weatherford 7" Arrowset Packer at ~ 11,650' KBM (NMOCD requires packer to be set within 100' of injection zone).
9. RU Acid crew, test lines. Pump 18,000 gals total 15% HCL in 6 stages, with 600# total (100#/stage) rock salt mixed with 10ppg gelled brine between stages. Flush tbg with 115 bbl brine. SI well, wait on acid for **3 hrs.**
10. Fill tbg if necessary. Perform step rate test to establish injection rate in 1 bpm increments, to max surface pressure of 2340 psi. SI well and record 5, 10, 15min SITP and SICP. RDMO acid crew.
11. Run a preliminary MIT on the tbg x csg annulus. Run the test with a maximum pressure of 500 psi @ surface for 30 min with a chart recorder. Maximum allowable pressure loss is 10% (50 psi) in 30 min. If successful, go to step 18. If not, notify OKC engineering to discuss next step.
12. ND BOPE and NU 5K tree assembly with sour trim and test.
13. RDMO WSU and release all rental equipment. Install surface facilities for disposal.
14. Notify and set up NMOCD and BLM for an official MIT with chart recorder. Once MIT is approved and NMOCD ok's injection, initiate Disposal into Devonian. **Do not exceed a maximum surface pressure of 2,340 psig (per NMOCD Order).**

Note: Any future slickline tools need to have a smooth surface to prevent coating damage.

Contact	Company	Office #	Mobile #
Trevor Klaassen	Devon (enrg)	(405) 552-8150	(405) 464-4214
Roger Hernandez	Devon (Prod Supv)	(575) 748-0169	(575) 748-5238
Brian Schultz	EHS Rep	(575) 748-0193	(505) 426-4459
Mitch Johnson	Weatherford	(575) 746-7079	(575) 703-7079
Tom Ellis	Conestoga Supply & Western Falcon (lined tbg)		(405) 200-3519

Proposed tubing detail - From the bottom up (assume all equipment will be internally exposed to sour service)

Western Falcon to provide:

~ 11,650' of 3-1/2", ~ 10#, L-80, Enertube lined tbg (eue - 8rd) (2.50" drift)

1 - set of 3-1/2", ~ 10#, L-80, Enertube lined tbg subs. (2.50" drift)

All footages are threads off amounts

Western Falcon tech to provide make up guidelines and procedures.

OXY YATES FEDERAL '2 #5

OXY '22' FEDERAL #1

GOVERNMENT 'W' #2

GOVERNMENT /W/ #1

RAINS '27' #1

OXY YATES '27' FEDER #10

HARRELL ETAL #2

BURTON FLAT DEEP UT 11

1/2 MILE

BURTON FLAT DEEP UT SWD 2

BURTON FLAT DEEP UT 17

HARRELL ETAL #1-X

BURTON FLAT DEEP UT 15

BURTON FLAT DEEP UT 18

HARRELL X #1

BURTON FLAT DEEP UT 41

BURTON FLAT DEEP UT 19

27

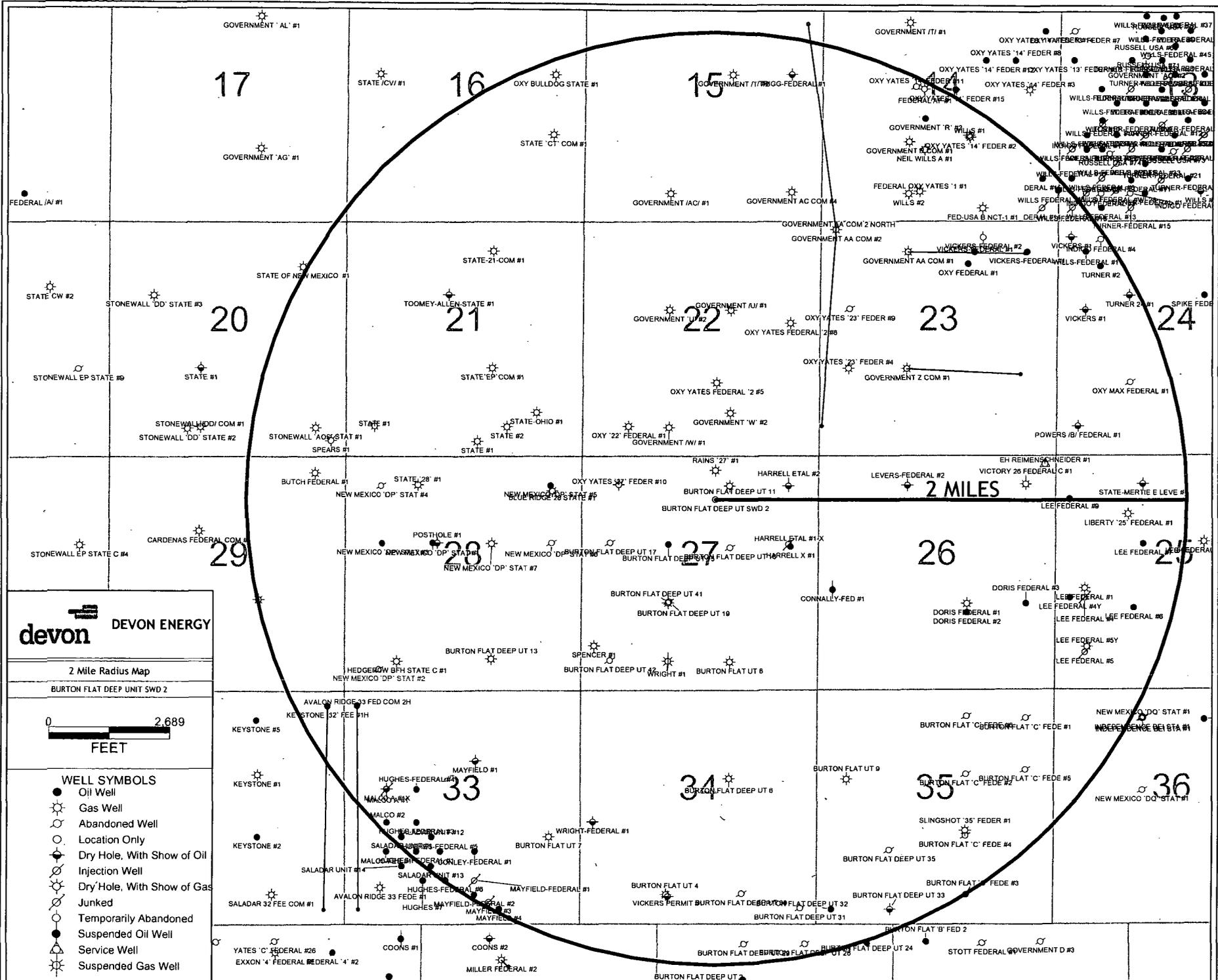
devon DEVON ENERGY

1/2 Mile Radius Map
BURTON FLAT DEEP UNIT SWD 2

0 702
FEET

WELL SYMBOLS

- Oil Well
- ☼ Gas Well
- Abandoned Well
- Location Only
- ⬇ Dry Hole, With Show of Oil
- ⬇☼ Dry Hole, With Show of Gas
- ⊗ Junked
- Suspended Oil Well



devon DEVON ENERGY

2 Mile Radius Map
BURTON FLAT DEEP UNIT SWD 2

0 2,689
FEET

WELL SYMBOLS

- Oil Well
- ☼ Gas Well
- Abandoned Well
- Location Only
- ⊕ Dry Hole, With Show of Oil
- ⊕ Injection Well
- ⊕ Dry Hole, With Show of Gas
- ⊕ Junked
- ⊕ Temporarily Abandoned
- ⊕ Suspended Oil Well
- ⊕ Service Well
- ⊕ Suspended Gas Well

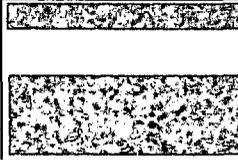
C108 ITEM VI--Well Tabulation in 1/2 Mile Review Area																	
Devon Energy Production Company, LP																	
Proposed Inj Well:		BURTON FLAT DEEP UNIT SWD 2															
Proposed Formation:		DEVONIAN/SILURIAN/ORDOVICIAN															
Proposed Interval:		11700' - 13500'															
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	Burton Flat Deep Unit SWD 2	Proposed	Eddy	330' FSL 2360' FEL	27	20S	28E	New Drill	To Be Drilled	To Be Drilled	To Be Drilled	12582	12582	Devonian/ Silurian/ Ordovician	11700'-13500'	20", 94#, @ 250' 13-3/8", 48#, @ 550' 9-5/8", 40#, @ 2500' 7", 29#, @ 11700'	620 sx / surface 525 sx / surface 2080 sx / surface 1280 sx / 4800 ctoc
Ocean Energy, Inc.	Burton Flat Deep Unit 15	30-015-24664	Eddy	1980' FNL 1980' FWL	27	20S	28E	Gas	Active	12/10/1983	2/6/1984	5600	Surf	Bone Springs Delaware	5321-5536'	13-3/8", 68#, @ 610' 8-5/8", 44#, @ 2616' 5-1/2", 15.5#, @ 5600'	600 sx / surface 950 sx / surface 750 sx / 952 ctoc
Devon Energy Prod Co LP	Burton Flat Deep Unit 41	30-015-27800	Eddy	1980' FSL 1980' FWL	27	20S	28E	Gas	Active	1/19/1994	4/9/2002	11400	10515	Strawn Atoka	10176-10184' (open) 10579-10594' CIBP @ 10550'	20", 94#, @ 335' 13-3/8", 48#, @ 665' 8-5/8", 24 & 32#, @ 2760' 5-1/2", 15.5#, @ 11400'	750 sx / surface 350 sx / surface 1160 sx / 8000 cbl 175 sx / 10496 TOL
Devon Energy Prod Co LP	Burton Flat Deep Unit 8	30-015-20959	Eddy	1980' FEL 660' FSL	27	20S	28E	Gas	Active	10/26/1973	4/15/2005	11460	8000	Delaware Bone Spring Wolfcamp Morrow	8156-8166' CIBP @ 8120' 9197-9204' CIBP @ 9082' 11002-11252' CIBP @ 10980	13-3/8", 24#, @ 620' 9-5/8", 36#, @ 2726' 7", 26, @ 11460'	1050 sx / surface 500 sx / surface 800 sx / 3860 cbl
William B Barnhill	Connally-Fed 1	30-015-02428	Eddy	2310' FSL 330' FWL	26	20S	28E	Oil	P&A	8/13/1958	8/16/1958	887	Surf	n/a	n/a	2-7/8", 6.5# @ 500 - 883'	15 sx cmt / <500'
Neil H. Wills	Harrell Etal 1	30-015-02651	Eddy	1990' FNL 660' FEL	27	20S	28E	Dry Hole	P&A	11/26/1957	12/5/1957	736	Surf	n/a	n/a	no casing run; stuck drill pipe	74 sx cmt
Neil H. Wills	Harrell Etal 1-X (skidded rig 50')	30-015-02651	Eddy	2010' FNL 620' FEL	27	20S	28E	Dry Hole	P&A	12/6/1957	12/14/1957	810	Surf	n/a	n/a	no casing run	74 sx cmt
Nordstrand Engineering Inc	Harrell 1	30-015-02650	Eddy	2030' FNL 619' FEL	27	20S	28E	Oil	Active	6/19/1961	8/19/1961	810	777	Yates	760-775' (open hole)	4-1/2", 15#, @ 750'	60 sx /25' ctoc
A H Rains	Hondo-Federal 1	30-015-02539	Eddy	2310' FSL 990' FEL	27	20S	28E	n/a	P&A	9/16/1961	11/1/1961	791	212	n/a	n/a	7", @ 212'	10 sx / surf
Neil H. Wills	Wright 1	30-015-02431	Eddy	660' FSL 1990' FWL	27	20S	28E	Oil	P&A	1/26/1959	2/5/1959	989	Surf	Yates	n/a	7- 5/8", 20#, @ 907'	150 sx / surf
Neil H. Wills	Wright 2	30-015-02433	Eddy	1980' FSL 1990' FEL	27	20S	28E	Dry Hole	P&A	2/11/1959	2/19/1959	901	Surf	Yates	n/a	8-5/8", 24#, @ 235-285'	20 sx cmt

WILLIAM B BARNHILL

Well Name: CONNALLY FED 1		Field:	
Location: 2310' FSL & 330' FWL; SEC 26-T20S-R28E		County: EDDY	State: NM
Elevation: 3233 GL		Spud Date: 8/13/58	Compl Date: 7/24/59-P&A
API#: 30-015-02428	Prepared by: Ronnie Slack	Date: 1/24/13	Rev:

PLUGGED & ABANDONED - 7/24/59

11" Hole - ?
8-5/8", 17# @ 60' (pulled at p&a)
20# Mud



2 sx surface plug, set marker.

8-5/8" casing pulled, plugged w/10 sx



Cut 2-7/8" tubing off @ 500'. Plugged w/10 sx cement



PERFS
802' - 816'

7-7/8" Hole - ?
2-7/8", 6.5# tubing @ 883'
Cemented w/15 sx

887' TD

Form 9-331a
(Feb. 1951)

N. M. O. C. C. COPY

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____

Lease No. 071827

Unit _____

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AUG 2 1961

SUNDRY NOTICES AND REPORTS ON WELLS **D. O. C.**
ARTESIA, OFFICE

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

19

Well No. 1-1 is located 2310 ft. from [N] line and 330 ft. from [E] line of sec.

31N 25 20S 26 E _____
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Eddy New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Shot 2 1/2" tubing off at 500 feet and plugged with 10 sacks of cement.

Pulled 2 joints of 8-5/8" csg and plugged with 10 sacks of cement.

Cement cap on surface with 2 sacks of cement

Marker erected at surface

Oral approval granted by Bob Evans on 7/16/59

RECEIVED
JUL 24 1959

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Wm. B. Barnhill

Address Box 244

Lawell, New Mexico

By Wm. B. Barnhill

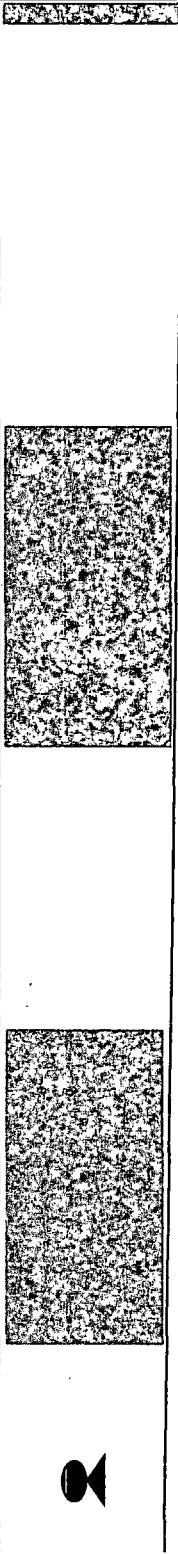
Title Owner

NEIL H. WILLS

Well Name: HARRELL ET AL 1		Field:	
Location: 1980' FNL & 660' FEL; SEC 27-T20S-R28E		County: EDDY	State: NM
Elevation: 3225' DF		Spud Date: 11/26/57	Compl Date: 12/18/57 - P&A
API#: 30-015-02651	Prepared by: Ronnie Slack	Date: 1/24/13	Rev:

**PLUGGED & ABANDONED BY NEIL H. WILLS
12/18/57**

**Set surface marker, cement in place. -
12/18/57**



37 sx cement plug @ 445'

37 sx cement plug @ 560'

6-1/4" Hole →



Stuck core barrell, lost hole. Skid rig over and drilled the Harrell ET AL 1-X.

736' TD

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS
(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Neil H. Wills Box 529 Carlsbad, N. M.
(Address)

LEASE Hartall et al WELL NO. 1 UNIT N S 27 T 20N R 28E

DATE WORK PERFORMED 11-26-57 to 12-18-57 POOL Wildcat

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.

SPUD 11-26-57 Drilled to TD of 736 and struck drill pipe. Unable to remove core barrel - lost hole
12-18-57 Ran tubing to 560 ft., set 37 sack plug, pulled tubing to 445 ft., set 37 sack plug. Set steel marker at surface, cemented, leveled drill site.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. TD PBD Prod. Int. Compl Date
 Tbg. Dia Tbg. 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. Gressett
 Title OIL AND GAS INSPECTOR
 Date JAN 28 1958

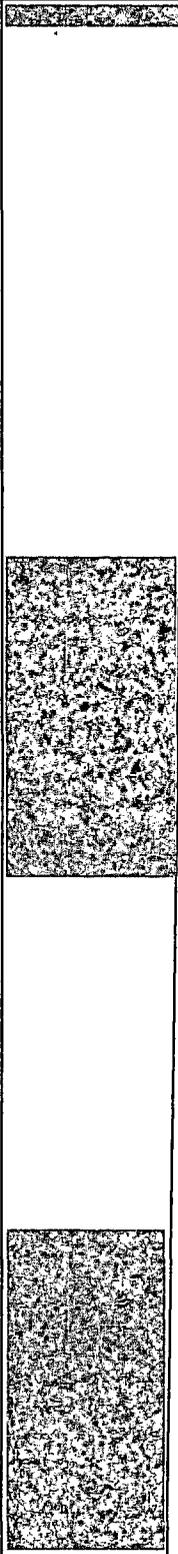
Name Neil H. Wills
 Position _____
 Company Neil H. Wills

NEIL H. WILLS

Well Name: HARRELL ET AL 1-X		Field:	
Location: 2010' FNL & 620' FEL; SEC 27-T20S-R28E		County: EDDY	State: NM
Elevation: 3225' DF		Spud Date: 12/6/57	Compl Date: 12/18/57-P&A
API#: 30-015-02651	Prepared by: Ronnie Slack	Date: 1/24/13	Rev:

**PLUGGED & ABANDONED BY NEIL H. WILLS
12/18/57**

**Set surface marker, cement in place. -
12/18/57**



37 sx cement plug @ 445'

6-3/4" Hole →

37 sx cement plug @ 810'

810' TD

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS
(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Hall H. Wills Box 529 Carlsbad, N. M.
(Address)

LEASE Harrall et al WELL NO. 1-1 UNIT N S 27 T 20S R 26E

DATE WORK PERFORMED 12-6-57 to 12-18-57 POOL Wildcat

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.

12-6-57 Having lost #1 hole - sidded rig 50 ft. SE and spudded Harrall et al #1-1
12-18-57 Ran tubing to TD of 810 ft, set 37 sack plug. Pulled tubing to 415 ft, set 37 sack plug. Set steel pipe marker at surface, cemented, and leveled drill site.

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 Name H. H. Wills
Title OIL AND GAS INSPECTOR Position _____

A H RAINS

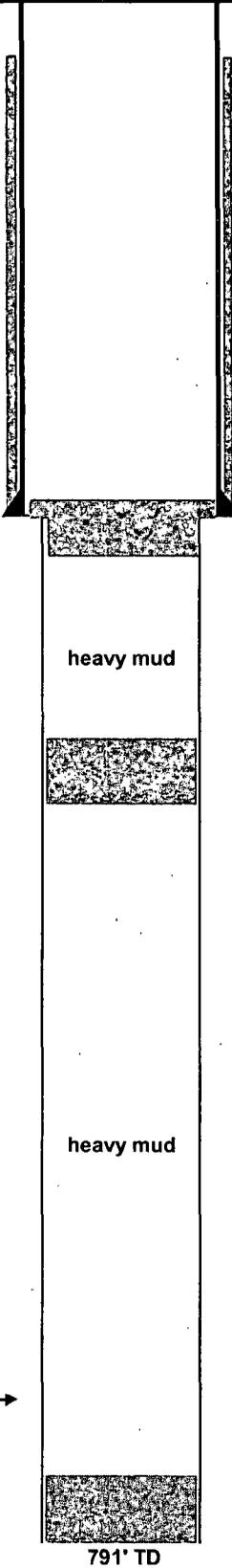
Well Name: HONDO FEDERAL 1		Field:	
Location: 2310' FSL & 990' FEL; SEC 27-T20S-R28E		County: EDDY	State: NM
Elevation: 3230' GL		Spud Date:	Compl Date:
API#: 30-015-02539	Prepared by: Ronnie Slack	Date: 1/22/13	Rev:

P&A per plugging report filed by A H Rains
date stamped October, 1963

Per 1963 plugging report, well was plugged back
to 212' and left to be used as a water well. Did
not see any other documents on OCD web site
noting surface plugs that may have been set.
OCD status notes well as plugged and site
released.

8" Hole - ?
7" casing to 212"

Sundry proposal was to cmt csg w/10 sx
No actual cement records found



Cement plug from 212' to 224'

Heavy mud from 224' to 440'

Cement plug from 440' to 465'

Heavy mud from 465' to 741'

Cement plug from 741' to 791'

6-1/8" Hole - ? →
4-1/2" casing @ 750' (pulled)
(sundry noted csg would be pulled prior to p&a)

791' TD

32-015-02539

N. M. O. C. C. COPY.

Budget Bureau No. 42-R208.4
Approval expires 12-31-60.

Form 9-881a
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

Land Office New Mexico
Lease No. 719 0796-A

APPROVED
SEP 6 1961
JAMES A. KNAUF
DISTRICT ENGINEER

RECEIVED
SEP 6 1961
I
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

D. C. C.
ARTESIA, OFFICE

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 31, 19 61

Hondo-Federal

Well No. 1 is located 2310 ft. from SW line and 990 ft. from E line of sec. 27

Wildcat Sec. 27 T. 20 S., R. 26 E. N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Eddy New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the Ground ~~at~~ above sea level is 3230 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We propose to drill to a depth of 800' to test the Yates formation with rotary tools.

Set ~~7"~~ 7" to 200' w/10 ex.

Set 4-1/2" to 760' w/100 ex.

A. H. Rains, Contractor

RECEIVED
AUG 31 1961
GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company A. H. RAINS

Address P.O. Box 927

Artesia, New Mexico

By A. H. Rains

Title Operator

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LAND OFFICE	
TRANSPORTER	OIL
	GA
PROBATION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

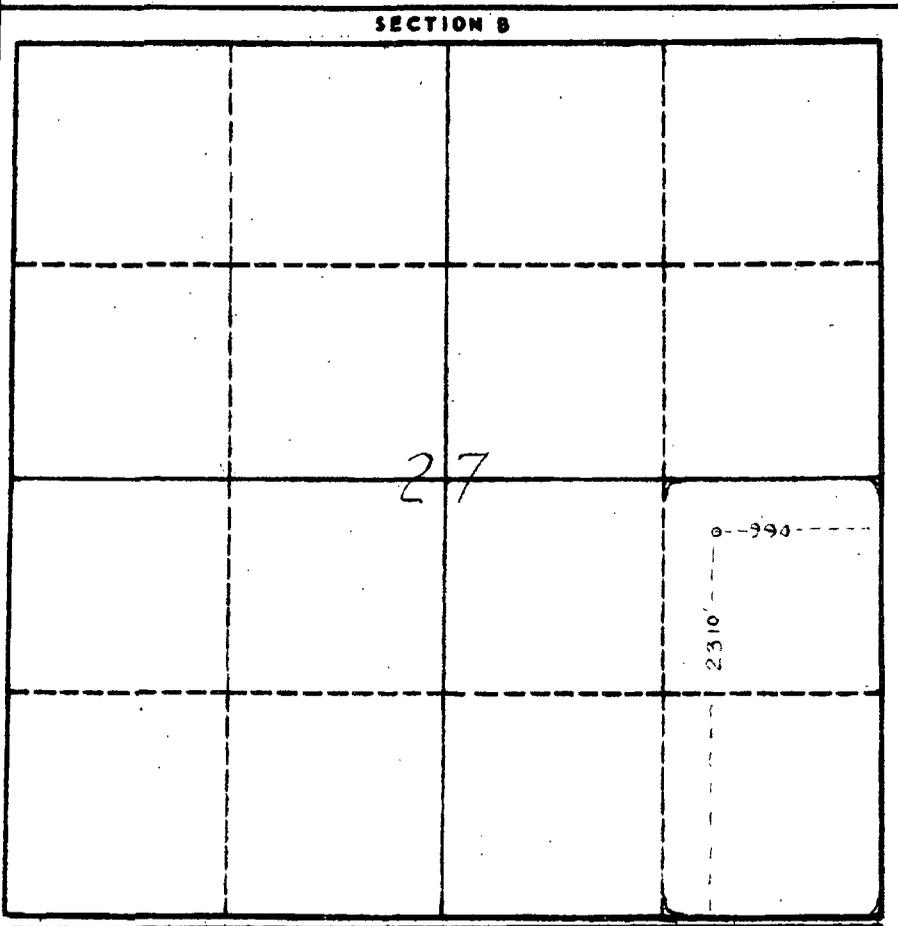
FORM C-128
 Revised 5/1/57

RECEIVED

SECTION A					
Operator: A. H. Rains			Lease: Hondo-Fedral		Vell No. 1
Unit Letter: I	Section: 27	Township: 208	Range: 20E	County: Mc	
Actual Footage Location of Well: 2310 feet from the south line and 990 feet from the east line					
Ground Level Elev. 3230	Producing Formation Yates		Pool wildcat	Dedicated Acreage: 60 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communization agreement or otherwise? YES NO . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below: _____

Owner	Land Description
	AUG 3 1 1961
	U. S. GEOLOGICAL SURVEY
	ARTESIA, NEW MEXICO



CERTIFICATION

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

Name: **A. H. Rains**
 Position: **operator**
 Company: **A. H. Rains**
 Date: **Aug. 26 1961**

I hereby certify that the well location shown on the plat in SECTION B 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 knowledge and belief.

Date Surveyed: **aug. 26 1961**
 Registered Professional Engineer and/or Land Surveyor

INSTRUCTIONS FOR COMPLETION OF FORM C-128

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of the Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.

8-15-63

Scout ticket done

A.H. Reins + 1 Honda Tech. 27-20-28

23105-990C

TO 791 P.A. 11-1-61 ???

may be used for water well or P.P.
we will get forms when they approve them

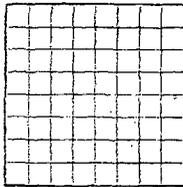
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Form 9-30

U. S. G. O. 1927

FORM 9-30 (REV. 1-1-33)

U. S. LAND OFFICE *Miss. Purchase*
SERIAL NUMBER *N.M. O. 226-1*
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company *A. H. Rain* Address *Box 227, Corleto, La.*
Lessor or Tract *1/4 Sec. 27, T. 22S, R. 22E, Meridian N.M.P.M., County East*
Well No. *1* Sec. *27, T. 22S, R. 22E, Meridian N.M.P.M., County East*
Location *23.10 ft. N. of Line and 720.10 ft. E. of Line of S.E. 27* Elevation *323.0*
The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
Signed *A. H. Rain*
Date _____ Title _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____, 19____ Finished drilling _____, 19____

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Approx.	Kind of shoe	Out and pulled from	Perforated		Purposes
							System	To	

MUDDING AND CEMENTING RECORD

Size casing	Water set	Number sacks of cement	Method used	Mud gravity

PLUGS AND ADAPTERS

Hearing plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shoe used	Fluid used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. A. Foster, Driller
R. W. R. ..., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	4.0	4.0	Surface sand - clay
6.20	12.0	5.80	red soil, fine sand
12.0	15.0	3.0	gray clay
15.0	18.0	3.0	red + blue clay
18.0	22.0	4.0	lime + red clay
22.0	30.0	8.0	red + some red beds
30.0	35.0	5.0	gray + some red beds
35.0	42.0	7.0	red + red sand
42.0	46.0	4.0	gray, red, white
46.0	57.5	11.5	clay
57.5	60.2	2.7	anhydrite
60.2	61.5	1.3	broken lime
61.5	64.0	2.5	gray lime, anhydrite
64.0	67.3	3.3	crabbed shale, like
67.3	70.0	2.7	lime + anhydrite
70.0	73.0	3.0	hard gray lime
73.0	74.1	1.1	lime, white shale
74.1	75.0	0.9	hard brown lime
75.0	76.4	1.4	dark shale + anhydrite
76.4	77.1	0.7	lime
77.1	77.1	0.0	gray lime

LOG MADE AT THE WELL ON _____ DAY OF _____ 19____

Form 9-581a
(Feb. 1961)

Budget Bureau No. 42-8366.4
Approval expires 12-31-60.

APPROVED

(SUBMIT IN TRIPLICATE)

Land Office New Mexico

Case No. NM 0796-A

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OCT 3 1963
Ronnie E. Shook
RONNIE E. SHOOK
ACTING DISTRICT ENGINEER

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 1 is located 2310 ft. from N line and 990 ft. from E line of sec. 27
NE 1/4 Sec 27 T20S R28E N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
WILD CAT Eddy New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~drill~~ ground floor above sea level is 3230 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

*Will pull 750' of 4 1/2" casing
plug well to bottom of 7" casing at 212'
leaving well for water well*

RECEIVED
OCT 4 1963
D. C. C.
ARTESIA OFFICE

I understand that this plan of work must receive approval in writing by the Geological Survey before operations are commenced.

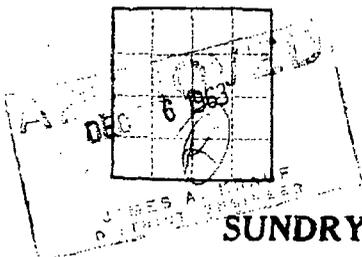
Company A. H. Rains
 Address Box 927
Coolpad, New Mexico
 By A. H. Rains
 Title _____

Form 9-881a
(Feb. 1961)

(SUBMIT IN TRIPPLICATE)

Land Office New Mexico
Lease No. NM 0796-A
Unit 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

....., 19
None-Federal
 Well No. 1 is located 2310 ft. from S line and 990 ft. from E line of sec. 27
NE 1/4 SE 1/4 Sec 27 T20S R28E N.M.P.M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
WILDCAT EDDY New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~drill floor~~ ^{ground} above sea level is 3238 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Set 50' cement plug at 791' to 741'
 pumped heavy mud from 741' to 465'
 Set cement plug from 465' to 440' - base of salt
 pumped mud from 440' to 224'
 Set cement plug from 224' to 212'
 leaving well to be used as water well

RECEIVED
 1961
 U.S. GEOLOGICAL SURVEY
 ALBUQUERQUE, NEW MEXICO

I understand that this plan of work must receive approval in writing by the Geological Survey before operation is commenced.

Company A. H. Rains
 Address Box 927
Carlsbad, New Mex
 By A. H. Rains
 Title _____

NEIL H WILLS

Well Name: WRIGHT #1		Field:	
Location: 660' FSL & 1990' FWL; SEC 27-T20S-R28E		County: EDDY	State: NM
Elevation:		Spud Date: 1/26/59	Compl Date:
API#: 30-015-02431	Prepared by: Ronnie Slack	Date: 1/23/13	Rev:

PLUGGED & ABANDON per OCD records - 3/16-59

3/16/59-Per OCD web site, leveled drilling site, set 4" marker. No plugging details on downhole plugs.

12-1/4" Hole-?
10-3/4", 32# @ 194' (casing pulled from well) →

10-1/4" Hole-?
7-5/8", 20# @ 907'
Cemented w/150 sx

989' TD

Form 9-531a
(Feb. 1951)

COPY TO O. C. C.

Budget Bureau No. 42-R368.4
Approval expires 12-31-60.

APPROVED
JAN 23 1959
ROBERT F. EVANS
ACTING DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. LC 068878-A
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 19, 19 59

Well No. 1-wright is located 660 ft. from S line and 1990 ft. from W line of sec. 27

27 of 27 20 South 25 East N M P
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcox Eddy New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

To drill a shallow test of the Yates sand formation at approximately 900 ft., TD. Propose to set 150 ft. of 8"-20# casing to shut off surface waters (mudded). Propose to set 7"-20# casing at approximately 400' (top of the salt) with 30 sacks of cement. If oil is encountered will cement 4 1/2" casing back to the surface.

RECEIVED
JAN 23 1959
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Neil H. Mills
Address P. O. Box 529
Carlsbad, New Mexico
By Neil H. Mills
Title _____

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Section A.

Date January 19, 1959

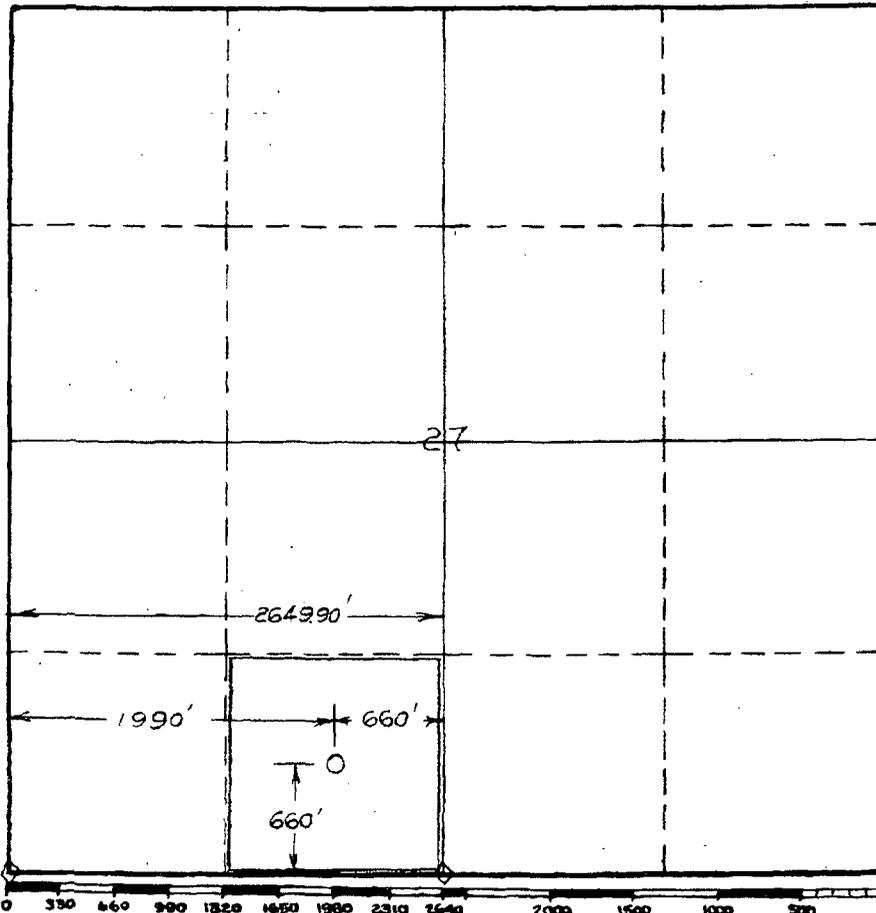
Operator Neil H. Mills Lease LC 069878- Wright
Well No. 1 Unit Letter N Section 27 Township 20 South Range 28 East NMPM
Located 660 Feet From South Line, 1990 Feet From West Line
County Eddy G. L. Elevation _____ Dedicated Acreage 10 Acres
Name of Producing Formation Yates Pool Wildcat

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes No
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

<u>Owner</u>	<u>Land Description</u>

RECEIVED
JAN 23 1959
U. S. GEOL. SURV.
ARTESIA, NEW MEX.

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Neil H. Mills
(Operator)
Neil H. Mills
(Representative)
P. O. Box 529, Farlabad, N. Mex.
Address

This is to certify that the well location shown on the plat in Section B 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 knowledge and belief.

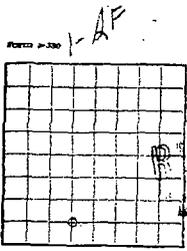
Date Surveyed 1-17-59
Neil H. Mills
Registered Professional
Engineer and/or Land Surveyor.

Certificate No. 771

INSTRUCTIONS FOR COMPLETION

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for both oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3, Section A, please use space below

* "Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1953 Comp.)



COPY TO O. C. C.

Revised Form No. 49-11-1944
Approved August 1944

U. S. Land Office
Serial Number **16-068678-A**
Lands de France to France

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Neil H. Mills Address Box 567, Carlsbad, New Mexico
Lessor or Tract William S. Wright Field Mildart State New Mexico
Well No. 1 Sec. 27, T. 20S, R. 28E Meridian SP2N County Edy
Location 660 ft. N. of 1/2 S. Line and 1920 E. of 1/2 W. Line of SECTION 27 Elevation 5200

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date February 12, 1959 Signed Robert S. Light Title Agent

The summary on this page is for the condition of the well at above date.
Commenced drilling January 26, 1959 Finished drilling February 8, 1959

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 753 to 755 (G) No. 4, from _____ to _____
No. 2, from 850 to 860 (G) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 40 to 50 No. 3, from 987 to 989 (ml. wt.)
No. 2, from 160 to 170 No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Length per joint	Grade	Accessories	Kind of shoe	Coupling and special fittings	Perforations	Depth	Remarks
10 3/4	32	8	194	Thomas Pattern	194			surface	

MUDDING AND CEMENTING RECORD

Size casing	When set	Number sacks of cement	Mud used	Mud gravity	Amount of mud used
7 5/8	907	150 sacks	Beston	8 1/2 lb.	35 cu. ft.

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth down of cut

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

temporarily abandoned February 9, 1959 Put to producing _____ 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, "86."
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Tom Boyd Drilling Company Driller Contractor _____ Driller _____
Driller _____

FORMATION RECORD

DEPTH—FEET	TO	TOTAL FEET	FORMATION
0	25		caliche and sand
25	40		shale
40	70		sand
70	150		red bed
150	160		anhydrite
160	170		sand
170	185		red bed
185	167		blue shale
187	194		anhydrite
194	220		red bed
220	259		blue shale
259	285		anhydrite
285	340		red bed, gypsum, and anhydrite
340	345		blue shale
345	371		red bed
371	400		potash
400	405		broken shale
405	425		anhydrite
425	519		gill
515	519		shale, anhydrite
519	543		gill
543	565		anhydrite
565	589		lime
589	635		anhydrite
635	645		brown lime

FOUR MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
65	722		shaly shale
72	736		sand
36	738		shaly shale
30	769		sand
50	850		clay
50	872		shaly shale and sand
72	909 T O		shaly shale and lime lime

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there have been any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its date and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

7 5/8" casing cemented at 307' has not been perforated. This casing is abandoned with gas shows at 722-738 and 850-860.

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

1917

APPROVED

APPROVED
MAY 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS IN WALLS

Location map
5/1/59

NOTICE OF INTENTION TO DRILL	MANAGEMENT REPORT OF WATER PRODUCTION
NOTICE OF INTENTION TO CHANGE PLUG	MANAGEMENT REPORT OF PRODUCTION AND RESERVES
NOTICE OF INTENTION TO TEST WATER SAMPLES	MANAGEMENT REPORT OF AN UNUSUAL CHANGE
NOTICE OF INTENTION TO RE-GRILL OR REPERE WELL	MANAGEMENT REPORT OF A SIGNIFICANT CHANGE
NOTICE OF INTENTION TO REPERE OR REGRILL	MANAGEMENT REPORT OF AN UNUSUAL CHANGE
NOTICE OF INTENTION TO SEAL OR ALTER CASING	MANAGEMENT REPORT OF A SIGNIFICANT CHANGE
NOTICE OF INTENTION TO REGRIND WELL	MANAGEMENT REPORT OF A SIGNIFICANT CHANGE

(PRESENTS FORMS OF CHECK NAME, NUMBER OF REPORT, SERVICE, OR OTHER DATA)

March 11, 1959

Well No. 2-16-59 is located 660 ft. from S line and 2000 ft. from W line of sec. 27



The elevation of the derrick floor above sea level is 5110 feet

DETAILS OF WORK

(State names of and expected depths to objectives sought; show plans, weights, and lengths of proposed casings; mention casing joints, cementing points, and all other important proposed work)

3-16-59 Levelled drilling site with ballpoint-general clean up - set 4" mortar on top of 7" casing cemented in wall. Ready for inspection.

RECEIVED
MAR 19 1959
G. S. I.
MEXICO, NEW MEXICO

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Neil E. Mills
Address P. O. Box 529
Carlsbad, New Mexico
By Robert S. Light

NEIL H. WILLS

Well Name: WRIGHT #2		Field:	
Location: 1980' FSL & 1990' FEL; SEC 27-T20S-R28E		County: EDDY	State: NM
Elevation:		Spud Date: 2/11/59	Compl Date: 2/21/59-P&A
API#: 30-015-02433	Prepared by: Ronnie Slack	Date: 1/24/13	Rev:

PLUGGED & ABANDONED
2/21/59

Mud

235' of 8-5/8" casing pulled (2/21/59) →

8-5/8", 24#, @ 285'



Cement 240' to 270'

Mud

10 sx cement 380' to 420'

Mud

10 sx cement 560' to 590'

900' TD

COPY TO O. C. C.

Budget Bureau 42-14354.3
Approval expires 12-31-55.

Form 5-831a
(Feb. 1951)

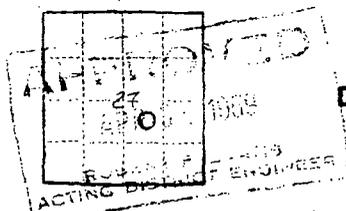
(SUBMIT IN TRIPLICATE)

Land Office Santa Fe

Lease No. L. C. 06828-A

Unit _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 25, 1959

Well No. 2, Wright is located 1980 ft. from 180 line and 1990 ft. from E line of sec. 27

NE 1/4 Sec. 27
(1/4 Sec. and Sec. No.)

20 South 28 East
(Twp.) (Range)

NMPM
(Meridian)

Wilcat
(Field)

Eddy
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

2-20-59 Ran Sonic log at TD, 900 feet. Bailed hole down. Set bridge plug with 10 sacks cement at 590-560. Mudded hole with 5 sacks aqua-gel to 420. Set bridge plug with 10 sacks 420-380. Mudded hole with 5 sacks aqua-gel to 270. Set bridge plug 270-240

2-21-59 Pulled 235 feet of 8 5/8" casing. Preparing to set marker.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Neil H. Wills

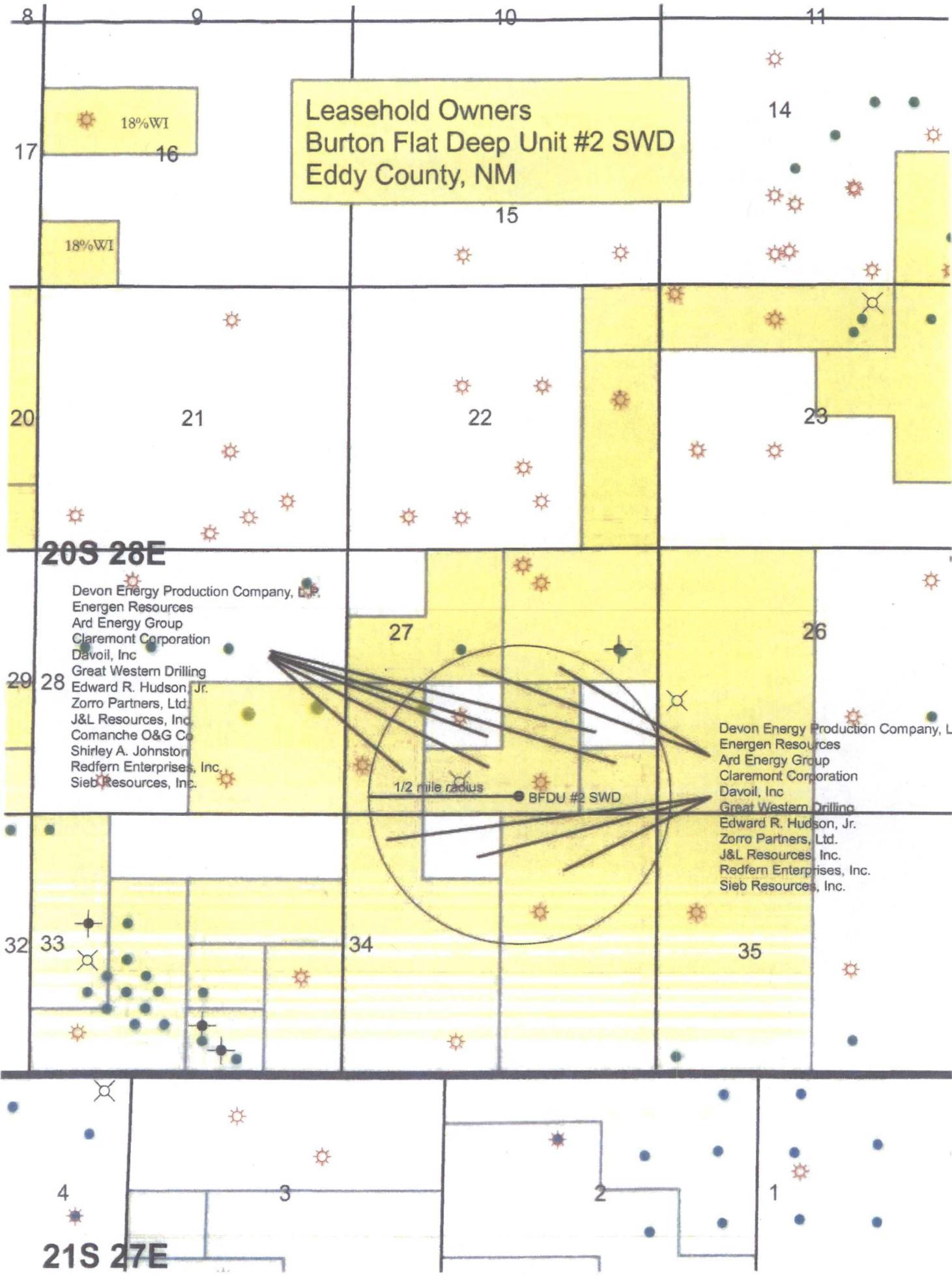
Address P. O. Box 529

Carlsbad, New Mexico

By Robert S. Light

Title Agent

**Leasehold Owners
Burton Flat Deep Unit #2 SWD
Eddy County, NM**



20S 28E

- Devon Energy Production Company, L.P.
- Energen Resources
- Ard Energy Group
- Claremont Corporation
- Davoil, Inc
- Great Western Drilling
- Edward R. Hudson, Jr.
- Zorro Partners, Ltd.
- J&L Resources, Inc.
- Comanche O&G Co
- Shirley A. Johnston
- Redfern Enterprises, Inc.
- Sieb Resources, Inc.

- Devon Energy Production Company, L
- Energen Resources
- Ard Energy Group
- Claremont Corporation
- Davoil, Inc
- Great Western Drilling
- Edward R. Hudson, Jr.
- Zorro Partners, Ltd.
- J&L Resources, Inc.
- Redfern Enterprises, Inc.
- Sieb Resources, Inc.

1/2 mile radius ● BFDU #2 SWD

21S 27E

71

Surface Owners
Burton Flat Deep Unit #2 SWD
Eddy County, NM

16

15

14

21

22

23

20S 28E

27

26

28

BLM Surface

Jimmy L. Spears
Surface

BLM Surface

BLM Surface

BLM Surface

BLM Surface

BLM Surface

1/2 mile radius

BFDU #2 SWD

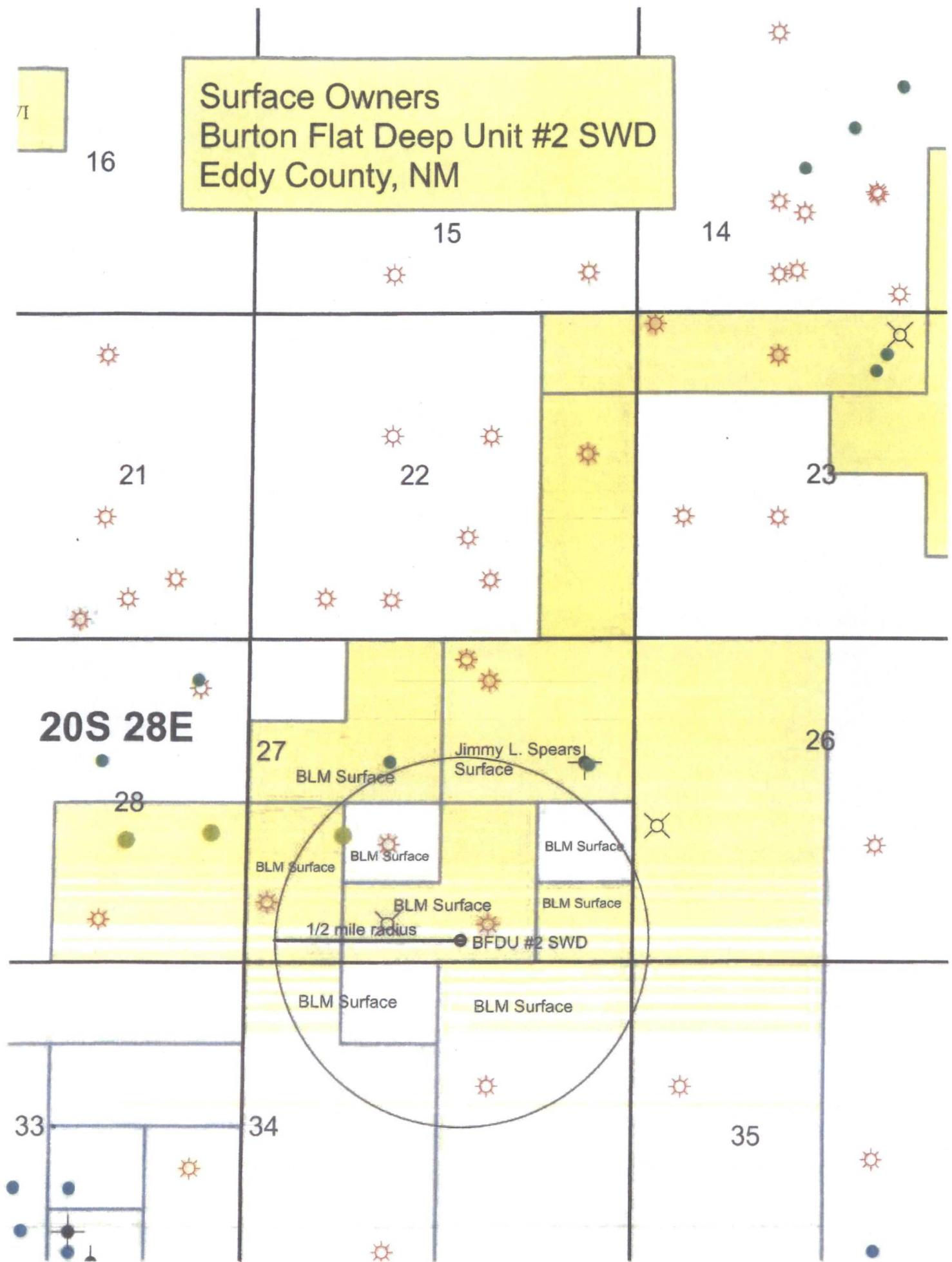
BLM Surface

BLM Surface

33

34

35



Leasehold Operator Ownership
½ mile Burton Flat Deep Unit #2 SWD

Township 20 South, Range 28 East

Section 34: N/2

Section 35: W/2

Section 26: W/2

Section 27: N/2

Devon Energy Production Company, L.P. 333 W. Sheridan Avenue Oklahoma City OK 73102	90.05%
Energen Resources Corporation 605 Richard Arrington, Jr. Blvd. N Birmingham, Alabama 35203-2707	5.45%
Claremont Corporation P.O. Box 549 Claremore, OK 74017	.0375%
Davoil, Inc. P.O. Box 122269 Ft. Worth, TX 76121-2269	.2665%
Ard Energy Group 222 West 4 th , #4-5 Ft. Worth, TX 76102-4612	1.0004%
Great Western Drilling, Inc. P.O. Box 1659 Midland, TX 79702	.4837%
Edward R. Hudson, Jr. 616 Texas Street Ft. Worth, Texas 76102-4612	1.0004%

Zorro Partners, Ltd. 1.0004%
616 Texas Street
Ft. Worth, TX 76102-4612

J&L Resources, Inc. .1808%
310 Morton Street, Suite 160
Richmond, TX 77469

Redfern Enterprises, Inc. .3511%
P.O. Box 2127
Midland, TX 79702-2127

Sieb Resources, Inc. .1808%
P.O. 1107
Richmond, TX 77046

Section 27: S/2

Devon Energy Production Company, L.P. 78.79%
333 W. Sheridan Avenue
Oklahoma City OK 73102

Energen Resources Corporation 4.77%
605 Richard Arrington, Jr. Blvd. N
Birmingham, Alabama 35203-2707

Claremont Corporation .033%
P.O. Box 549
Claremore, OK 74017

Davoil, Inc. .233%
P.O. Box 122269
Ft. Worth, TX 76121-2269

Ard Energy Group .875%
222 West 4th, #4-5
Ft. Worth, TX 76102-4612

Great Western Drilling, Inc. .424%
P.O. Box 1659
Midland, TX 79702

Edward R. Hudson, Jr. .875%
616 Texas Street
Ft. Worth, Texas 76102-4612

Zorro Partners, Ltd. .875%
616 Texas Street
Ft. Worth, TX 76102-4612

J&L Resources, Inc. .158%
310 Morton Street, Suite 160
Richmond, TX 77469

Redfern Enterprises, Inc. .307%
P.O. Box 2127
Midland, TX 79702-2127

Sieb Resources, Inc. .158%
P.O. 1107
Richmond, TX 77046

Comanche O&G Co. 10.00%
505 N. Big Spring, Suite 303
Midland, TX 79701

Shirley A. Johnston 2.5%
P.O. Box 1824
Midland, TX 79701

**Burton Flat Deep Unit SWD2
C108 Application for Injection
Injection Water Analysis
Delaware 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 #:	632687
Lease/Platform:	LONE TREE STATE 13	Analysis ID #:	127458
Entity (or well #):	2 - H	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

Summary		Analysis of Sample 632687 @ 75°F					
Sampling Date:	11/29/2012	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	12/10/2012	Chloride:	127509.0	3596.56	Sodium:	49363.9	2147.21
Analyst:	LEAH DURAN	Bicarbonate:	183.0	3.	Magnesium:	3612.0	297.14
TDS (mg/l or g/m3):	207014.4	Carbonate:	0.0	0.	Calcium:	23129.0	1154.14
Density (g/cm3, tonne/m3):	1.143	Sulfate:	1724.0	35.89	Strontium:	623.0	14.22
Anion/Cation Ratio:	1	Phosphate:			Barium:	0.5	0.01
Carbon Dioxide:	300 PPM	Borate:			Iron:	37.0	1.34
Oxygen:		Silicate:			Potassium:	823.0	21.05
Comments:		Hydrogen Sulfide:		0 PPM	Aluminium:		
		pH at time of sampling:		7	Chromium:		
		pH at time of analysis:			Copper:		
		pH used in Calculation:		7	Lead:		
					Manganese:	10.000	0.36
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000:bbf										
Temp	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
80	0	1.20	18.37	0.39	559.70	0.41	457.23	0.48	229.62	0.47	0.29	0.1
100	0	1.23	20.09	0.33	502.58	0.42	460.96	0.47	225.03	0.29	0.00	0.13
120	0	1.25	21.53	0.28	451.49	0.45	481.34	0.46	224.74	0.13	0.00	0.17
140	0	1.28	23.25	0.25	408.44	0.51	513.20	0.47	227.90	-0.01	0.00	0.22

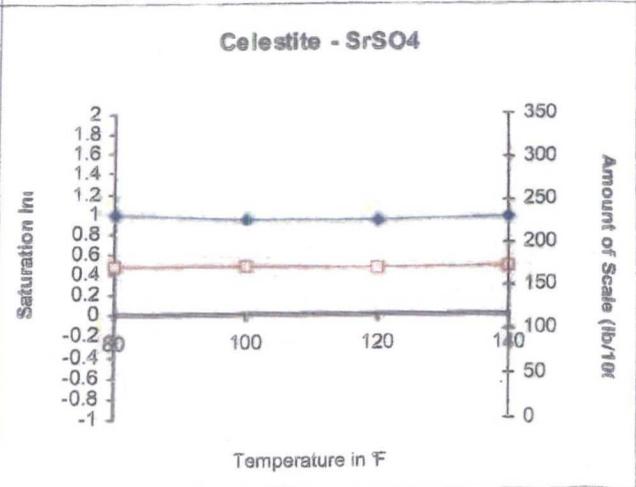
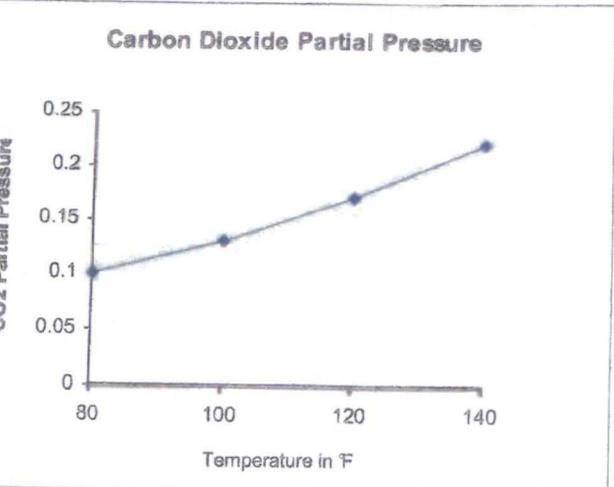
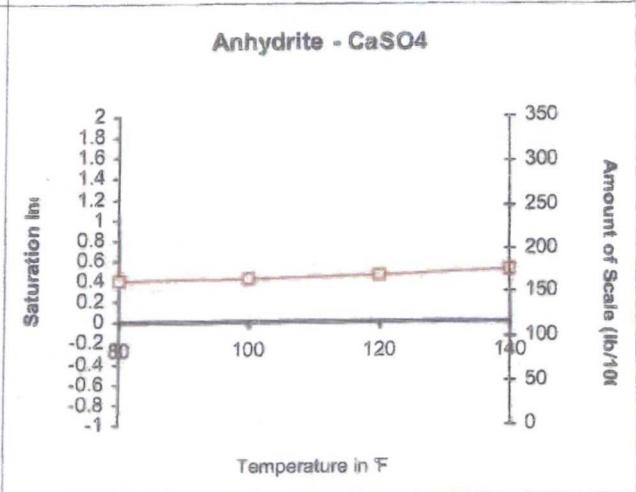
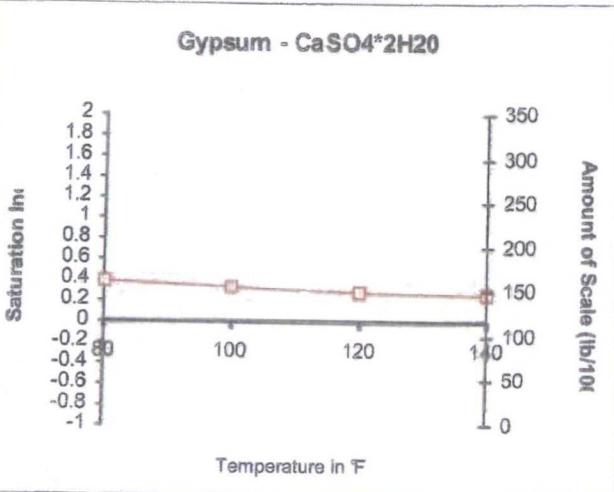
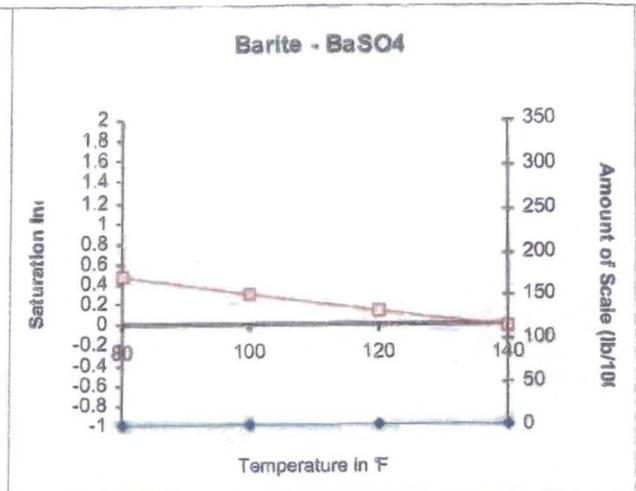
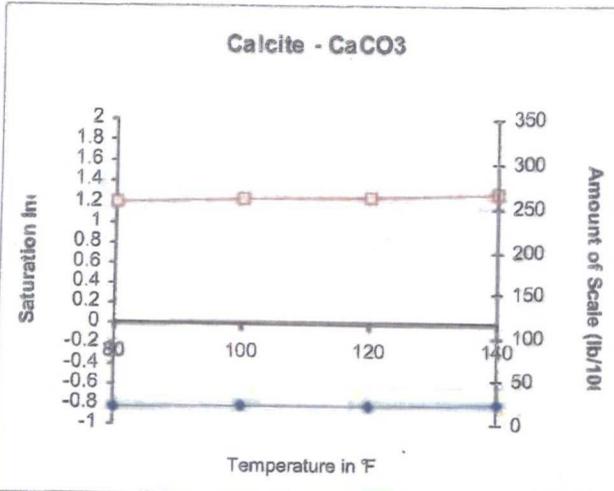
Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

Scale Predictions from Baker Petrolite

Analysis of Sample 632687 @ 75 °F for DEVON ENERGY CORPORATION, 12/10/2012



**Burton Flat Deep Unit SWD
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 #:	632686
Lease/Platform:	LONE TREE STATE	Analysis ID #:	127457
Entity (or well #):	1	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

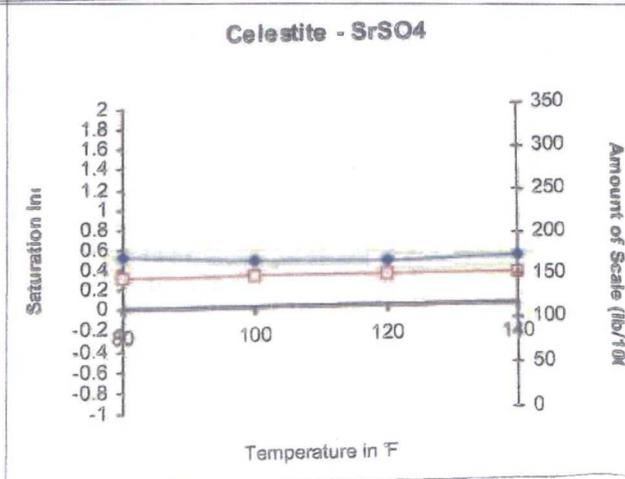
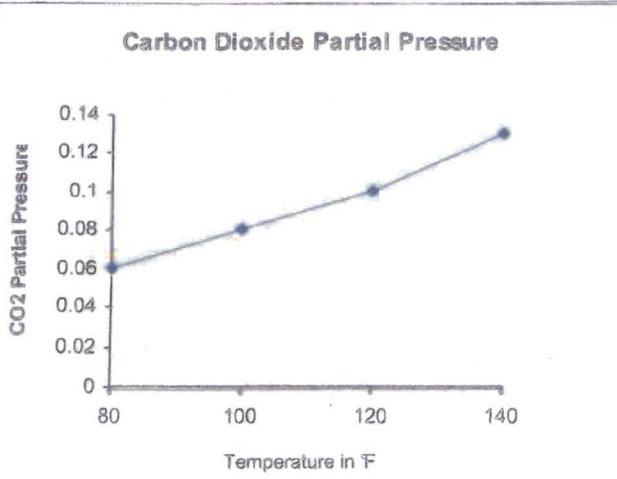
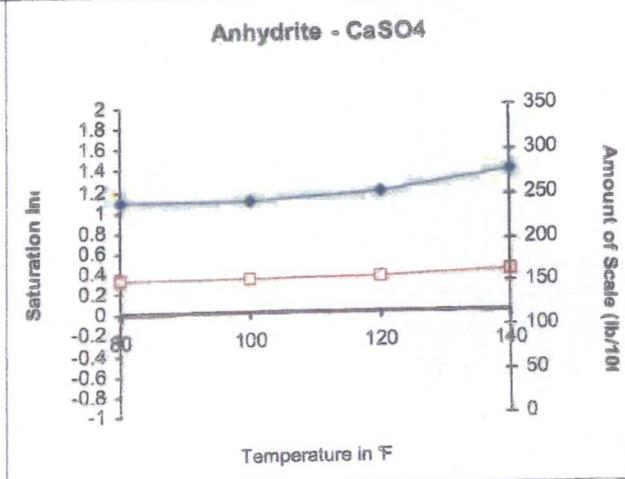
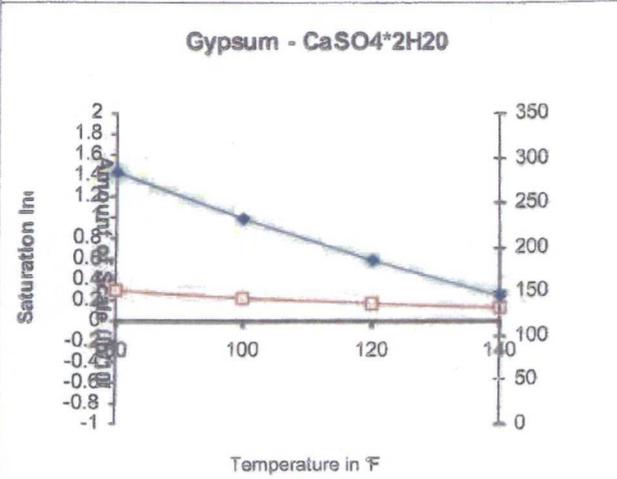
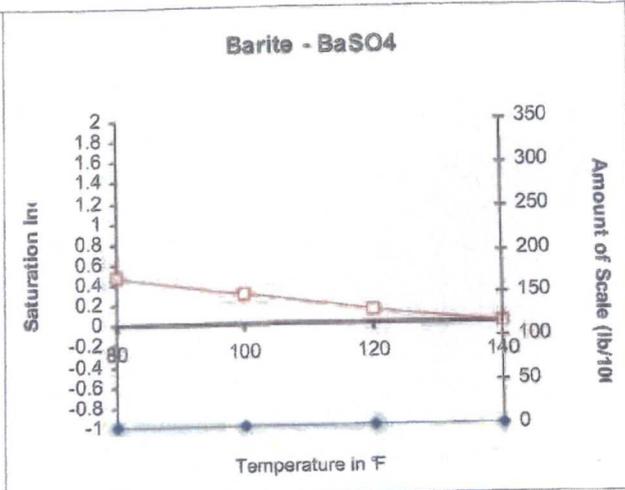
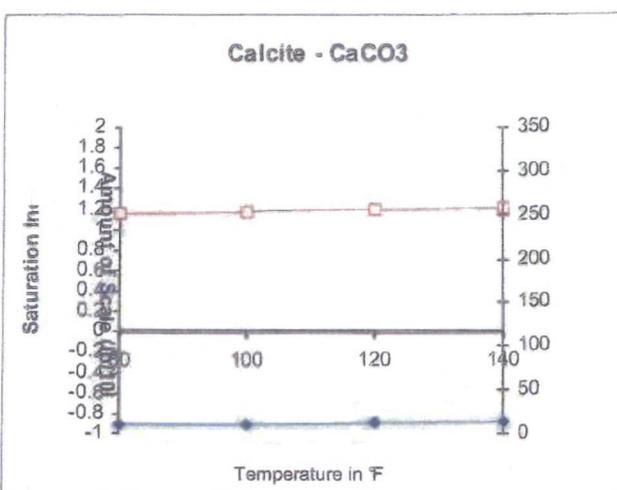
Summary		Analysis of Sample 632686 @ 75 °F					
Sampling Date:	11/29/2012	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	12/10/2012	Chloride:	153810.0	4338.42	Sodium:	56226.7	2445.72
Analyst:	LEAH DURAN	Bicarbonate:	122.0	2.0	Magnesium:	4572.0	376.11
TDS (mg/l or g/m3):	247633.7	Carbonate:	0.0	0.0	Calcium:	29985.0	1496.26
Density (g/cm3, tonne/m3):	1.169	Sulfate:	1084.0	22.57	Strontium:	828.0	18.9
Anion/Cation Ratio:	1	Phosphate:			Barium:	1.0	0.01
Carbon Dioxide:	250 PPM	Borate:			Iron:	18.0	0.65
Oxygen:		Silicate:			Potassium:	978.0	25.01
Comments:		Hydrogen Sulfide:		0 PPM	Aluminum:		
		pH at time of sampling:		7	Chromium:		
		pH at time of analysis:			Copper:		
		pH used in Calculation:		7	Lead:		
					Manganese:	9.000	0.33
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	1.16	10.50	0.29	281.78	0.33	243.38	0.32	176.53	0.48	0.28	0.06
100	0	1.17	11.33	0.22	231.23	0.33	242.28	0.31	168.79	0.30	0.28	0.08
120	0	1.19	12.43	0.17	184.54	0.35	254.43	0.31	168.24	0.14	0.28	0.1
140	0	1.21	13.54	0.12	143.65	0.40	275.98	0.32	172.66	0.00	0.00	0.13

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

Scale Predictions from Baker Petrolite

Analysis of Sample 632686 @ 75 °F for DEVON ENERGY CORPORATION, 12/10/2012



**Burton Flat Deep Unit SWD1
C108 Application for Injection
Injection Water Analysis
Delaware 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 #:	632688
Lease/Platform:	LONE TREE STATE COM	Analysis ID #:	127459
Entity (or well #):	1	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

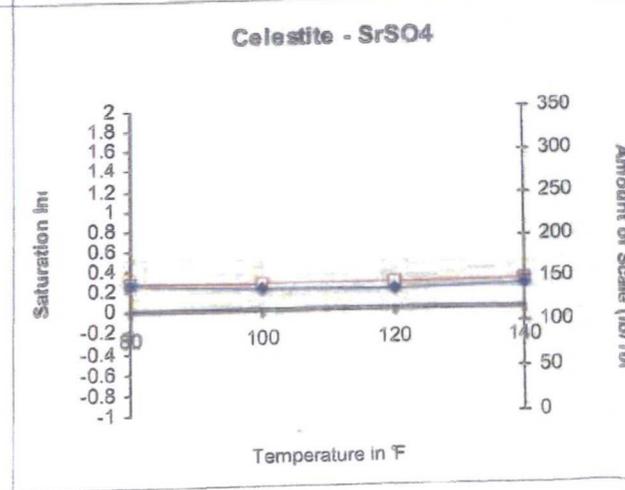
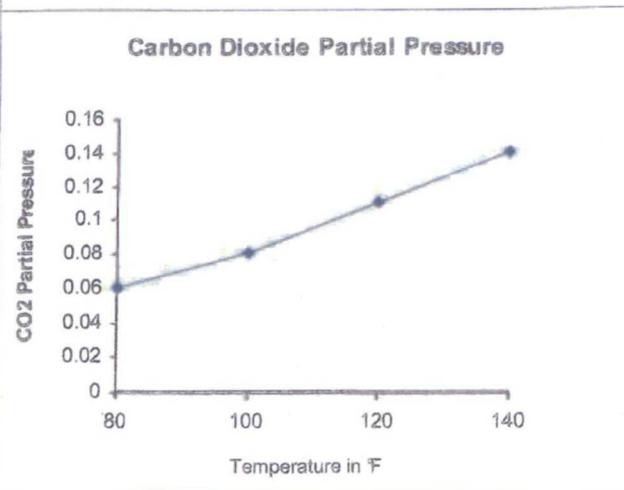
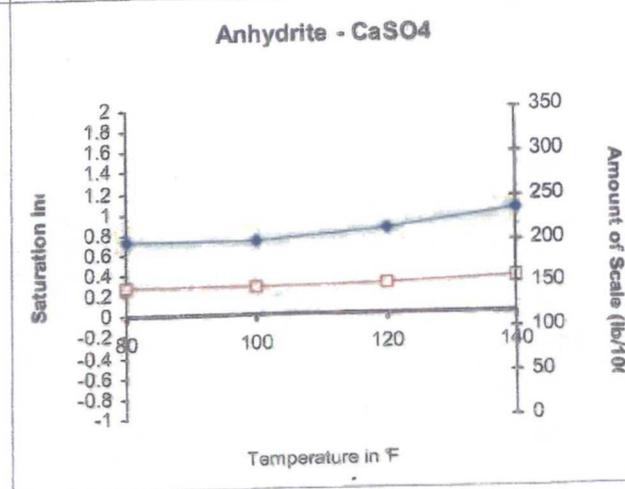
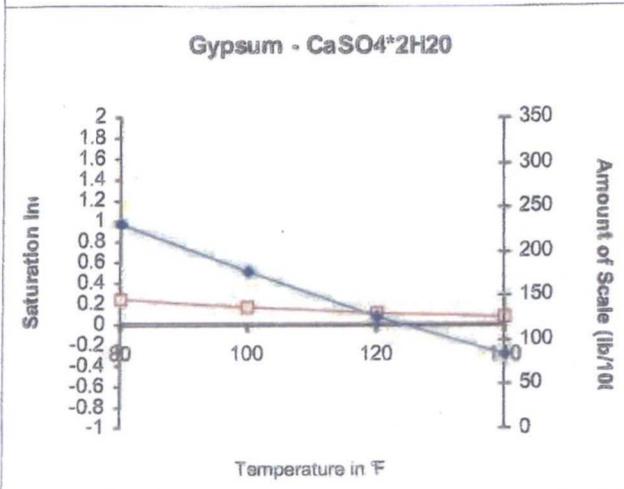
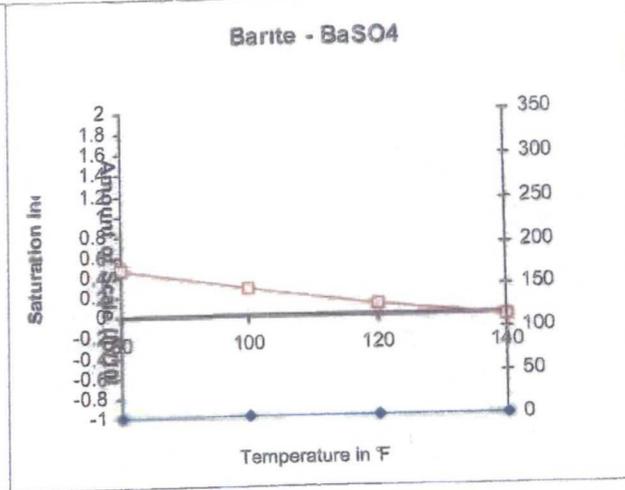
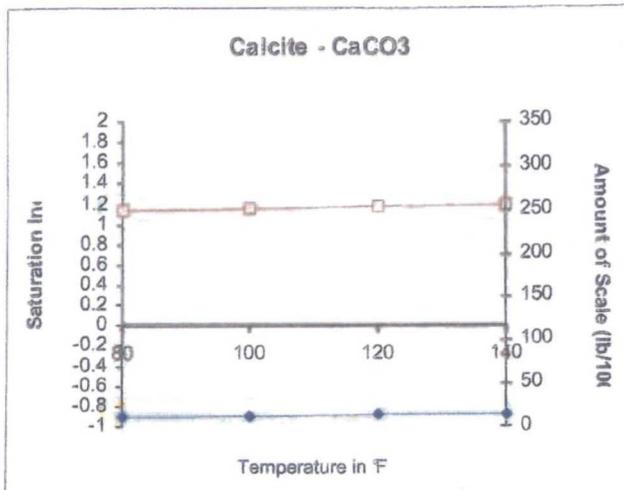
Summary		Analysis of Sample 632688 @ 75 °F							
Sampling Date:	11/29/2012	Anions		mg/l	meq/l	Cations		mg/l	meq/l
Analysis Date:	12/10/2012	Chloride:	151976.0	4286.69	Sodium:	57796.1	2513.99		
Analyst:	LEAH DURAN	Bicarbonate:	122.0	2	Magnesium:	4316.0	355.05		
TDS (mg/l or g/m3):	244966.1	Carbonate:	0.0	0	Calcium:	28034.0	1398.9		
Density (g/cm3, tonne/m3):	1.168	Sulfate:	1013.0	21.09	Strontium:	782.0	17.85		
Anion/Cation Ratio:	1	Phosphate:			Barium:	1.0	0.01		
Carbon Dioxide:	300 PPM	Borate:			Iron:	19.0	0.69		
Oxygen:		Silicate:			Potassium:	898.0	22.97		
Comments:		Hydrogen Sulfide:		0 PPM	Aluminum:				
		pH at time of sampling:		7	Chromium:				
		pH at time of analysis:			Copper:				
		pH used in Calculation:		7	Lead:				
					Manganese:	9.000	0.33		
					Nickel:				

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
80	0	1.14	10.25	0.24	228.80	0.28	202.21	0.28	147.36	0.47	0.28	0.06
100	0	1.15	11.36	0.17	175.34	0.27	200.82	0.26	139.61	0.28	0.28	0.08
120	0	1.17	12.46	0.11	125.48	0.30	213.29	0.26	138.50	0.12	0.00	0.11
140	0	1.19	13.30	0.07	81.71	0.35	235.72	0.27	142.65	-0.02	0.00	0.14

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

Scale Predictions from Baker Petrolite

Analysis of Sample 632688 @ 75 F for DEVON ENERGY CORPORATION, 12/10/2012



water well sample #3
lat 32.55269 long -104.18176

BURTON FLAT DEEP UNIT 11

BURTON FLAT DEEP UNIT 41

BURTON FLAT UNIT 8

water well sample #1 Mat cox water well sec 33 t20s r28e

BURTON FLAT DEEP UNIT 6

2.602 Miles

1.145 Miles

SWD

BURTON FLAT DEEP UNIT 44

BURTON FLAT DEEP UNIT 28

BURTON DEEP UNIT 32

BURTON FLAT DEEP UNIT 23

BURTON FLAT DEEP UNIT 25

BURTON FLAT DEEP UNIT 38

water well nearest burton flat swd lat 32.5078 long -104.1774

BURTON FLAT DEEP UNIT 43

BURTON FLAT UNIT 3

BURTON FLAT DEEP UNIT 38

CERF FEDERAL CON 1

Devon GIS Mapping



Disclaimer: This plot is for illustrative purposes only and is neither a legally recorded map nor a survey and is not intended to be used as one.

Scale 1:36,112

Date Printed 11/20/2012 12:53:57 PM

ALLIED STATE.COM 1

LONE TREE DRAW 13 STATE.COM 1H

**Burton Flat Deep Unit SWD3
 C108 Application for Injection
 Fresh Water Analysis (Water Well Sample)
 Burton Flats 44 SWD - Entity 2
 Lat 32.5078 Long -104.1774**

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 #:	578329
Lease/Platform:	BURTON FLATS 44 SWD	Analysis ID #:	127717
Entity (or well #):	2	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

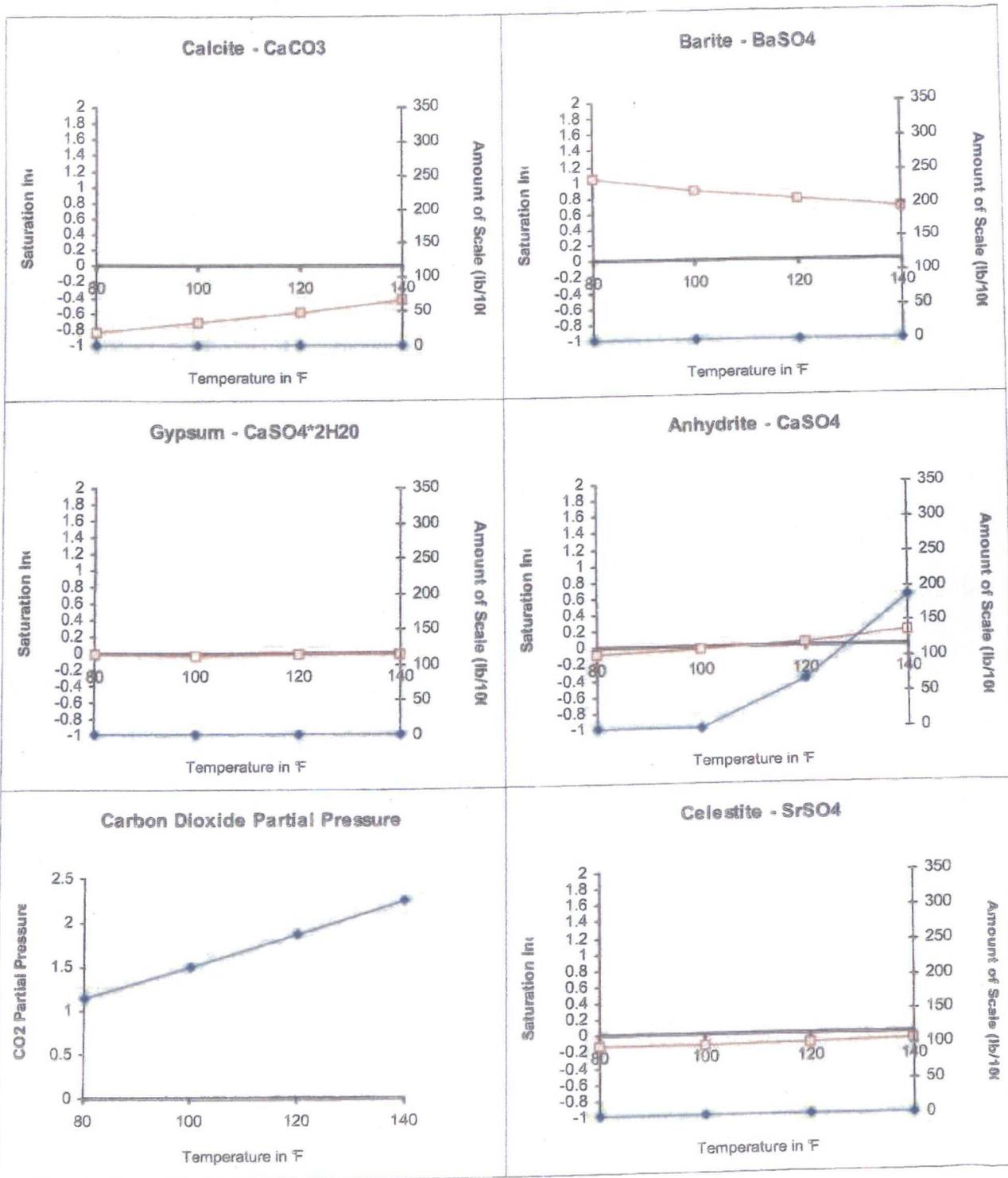
Summary		Analysis of Sample 578329 @ 75 F					
Sampling Date:	11/23/2012	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	12/19/2012	Chloride:	414.0	11.68	Sodium:	504.5	21.95
Analyst:	LEAH DURAN	Bicarbonate:	146.4	2.4	Magnesium:	121.0	9.95
TDS (mg/l or g/m3):	4028.9	Carbonate:	0.0	0.	Calcium:	561.0	27.99
Density (g/cm3, tonne/m3):	1.004	Sulfate:	2245.0	46.74	Strontium:	9.5	0.22
Anion/Cation Ratio:	1.0000002	Phosphate:			Barium:	0.1	0.
Carbon Dioxide:		Borate:			Iron:	0.4	0.01
Oxygen:		Silicate:			Potassium:	27.0	0.69
Comments:		Hydrogen Sulfide:		0 PPM	Aluminum:		
		pH at time of sampling:		6.2	Chromium:		
		pH at time of analysis:			Copper:		
		pH used in Calculation:		6.2	Lead:		
					Manganese:	0.025	0.
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000.55b1										
Temp	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
80	0	-0.84	0.00	-0.02	0.00	-0.09	0.00	-0.14	0.00	1.04	0.00	1.14
100	0	-0.72	0.00	-0.03	0.00	-0.03	0.00	-0.14	0.00	0.89	0.00	1.48
120	0	-0.58	0.00	-0.02	0.00	0.05	68.42	-0.12	0.00	0.77	0.00	1.85
140	0	-0.43	0.00	-0.01	0.00	0.16	187.47	-0.09	0.00	0.67	0.00	2.24

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

Scale Predictions from Baker Petrolite

Analysis of Sample 578329 @ 75 °F for DEVON ENERGY CORPORATION, 12/19/2012



Burton Flat Deep Unit SWD₁
C108 Application for Injection
Fresh Water Analysis (Water Well Sample)
Burton Flats 44 SWD - Entity 3
Lat 32.55269 Long -104.18176

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 #:	578330
Lease/Platform:	BURTON FLATS 44 SWD	Analysis ID #:	127718
Entity (or well #):	3	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

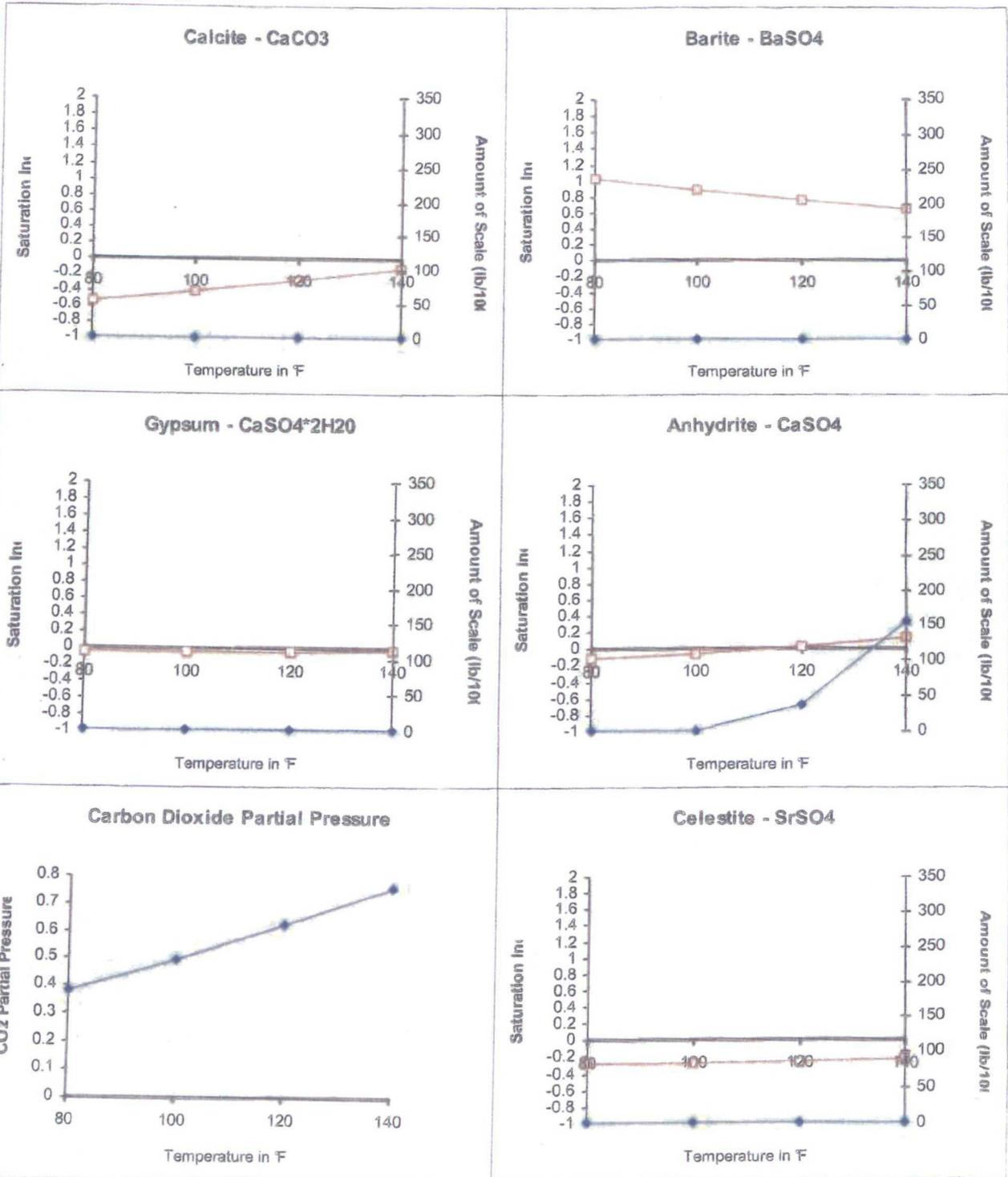
Summary		Analysis of Sample 578330 @ 75 °F					
Sampling Date:	11/23/2012	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	12/19/2012	Chloride:	444.0	12.52	Sodium:	501.9	21.83
Analyst:	LEAH DURAN	Bicarbonate:	122.0	2.	Magnesium:	114.0	9.38
TDS (mg/l or g/m3):	3852.2	Carbonate:	0.0	0.	Calcium:	541.0	27.
Density (g/cm3, tonne/m3):	1.003	Sulfate:	2115.0	44.03	Strontium:	7.0	0.16
Anion/Cation Ratio:	0.9999997	Phosphate:			Barium:	0.1	0.
Carbon Dioxide:	0 PPM	Borate:			Iron:	0.6	0.02
Oxygen:		Silicate:			Potassium:	6.5	0.17
Comments:		Hydrogen Sulfide:		0 PPM	Aluminum:		
		pH at time of sampling:		6.6	Chromium:		
		pH at time of analysis:			Copper:		
		pH used in Calculation:		6.6	Lead:		
					Manganese:	0.100	0.
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
80	0	-0.53	0.00	-0.05	0.00	-0.12	0.00	-0.28	0.00	1.03	0.00	0.38
100	0	-0.40	0.00	-0.05	0.00	-0.06	0.00	-0.28	0.00	0.88	0.00	0.49
120	0	-0.26	0.00	-0.05	0.00	0.03	36.31	-0.26	0.00	0.76	0.00	0.62
140	0	-0.12	0.00	-0.03	0.00	0.14	156.07	-0.23	0.00	0.66	0.00	0.75

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

Scale Predictions from Baker Petrolite

Analysis of Sample 578330 @ 75 °F for DEVON ENERGY CORPORATION, 12/19/2012



Burton Flat Deep Unit SWD₂
C108 Application for Injection
Fresh Water Analysis (Water Well Sample)
Mathew Cox Well 1
Sec 33-T20S-R28E

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 #:	578328
Lease/Platform:	BURTON FLATS 44 SWD	Analysis ID #:	127719
Entity (or well #):	MATHEW COX WELL 1	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

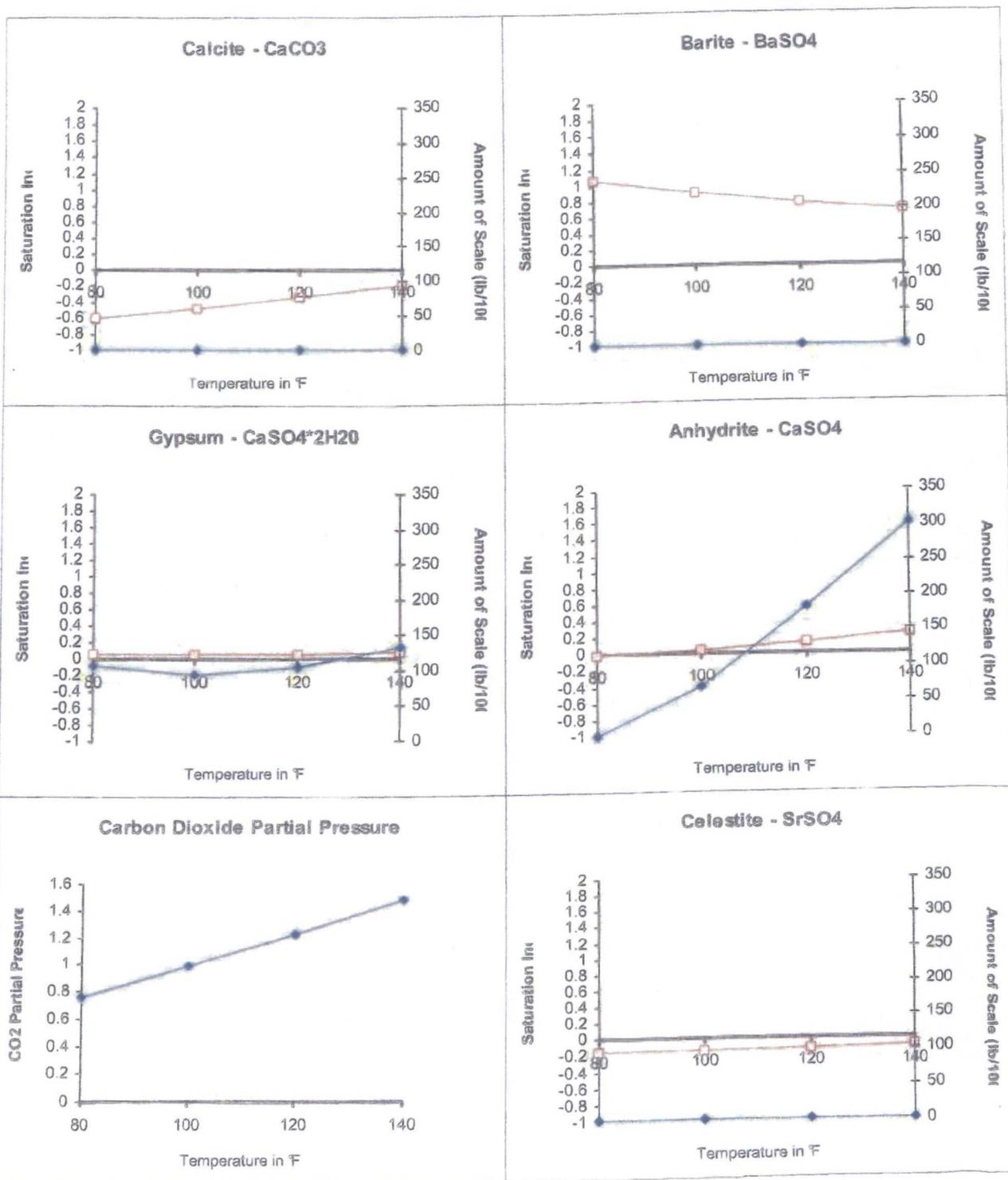
Summary		Analysis of Sample 578328 @ 75 F					
Sampling Date:	11/23/2012	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	12/19/2012	Chloride:	724.0	20.42	Sodium:	727.0	31.62
Analyst:	LEAH DURAN	Bicarbonate:	158.6	2.6	Magnesium:	211.0	17.36
TDS (mg/l or g/m3):	5336.2	Carbonate:	0.0	0.	Calcium:	656.0	32.73
Density (g/cm3, tonne/m3):	1.005	Sulfate:	2841.0	59.15	Strontium:	9.0	0.21
Anion/Cation Ratio:	1.0000001	Phosphate:			Barium:	0.1	0.
Carbon Dioxide:		Borate:			Iron:	0.5	0.02
Oxygen:		Silicate:			Potassium:	9.0	0.23
Comments:		Hydrogen Sulfide:		0 PPM	Aluminum:		
		pH at time of sampling:		6.4	Chromium:		
		pH at time of analysis:			Copper:		
		pH used in Calculation:		6.4	Lead:		
					Manganese:	0.025	0.
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
80	0	-0.60	0.00	0.06	106.69	-0.01	0.00	-0.15	0.00	1.06	0.00	0.75
100	0	-0.48	0.00	0.05	94.13	0.05	69.03	-0.15	0.00	0.90	0.00	0.98
120	0	-0.34	0.00	0.05	104.25	0.13	183.04	-0.13	0.00	0.78	0.00	1.22
140	0	-0.19	0.00	0.07	131.79	0.24	301.93	-0.10	0.00	0.68	0.00	1.47

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

Scale Predictions from Baker Petrolite

Analysis of Sample 578328 @ 75 °F for DEVON ENERGY CORPORATION, 12/19/2012



Porter, Stephanie

From: Daniel Ortiz <daortiz@currentargus.com>
Sent: Monday, January 26, 2015 6:40 PM
To: Porter, Stephanie
Subject: Legal Notice

Stephanie,

My name is Anthony Ortiz. You can use my email for legals. Your legal ad will run on Wednesday, January, 28

Thanks,

--

Anthony Ortiz
Classified Inside Sales
Carlsbad Current-Argus
620 S Main St
Carlsbad, NM 88210
Office: (575) 628-5522

www.currentargus.com

CARLSBAD
CURRENT-ARGUS
Your online information oasis for the Pecos Valley

Porter, Stephanie

From: Porter, Stephanie
Sent: Monday, January 26, 2015 9:43 AM
To: 'kmccarroll@currentargus.com'
Subject: Legal Notice: Burton Flat Deep Unit SWD 2

Kathy,

Would you please run the attached legal notice(s) for 1 day only in the Current Argus and send the affidavit of publication to my attention below:

Devon Energy Production Company, LP
Attn: Stephanie Porter – CT 31.326
333 West Sheridan Drive
Oklahoma City, OK 73102-5010

Send billing to the attention of "Accounts Payable".

Devon Energy Corporation
Attn: DVNART22
P.O. Box 3198
Oklahoma City, OK 73101-3198

Can you please let me know the date this will run in the paper?

If possible please add somewhere to the invoice: **"Public notice on Burton Flat Deep Unit SWD 2 ; Foreman – Roy White DVNART22. Notice requested by Stephanie Porter, Operations Tech."**

Thank you and have a wonderful weekend! ☺



Burton Flat Deep
Unit SWD 2 Ne...

Stephanie A. Porter

Permian New Mexico Technician
Phone: (405)-552-7802
Cell: (405)-721-7689
Fax: (405)-552-8113
DEC 31.326
Stephanie.Porter@dvn.com

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 Burton Flat Deep Unit SWD 2 will be a new drill; the proposed location is 330' FSL & 2360' FEL, Section 27, Township 20 South, Range 28 East, in Eddy County, New Mexico. Disposal water will be sourced from area wells producing from the Bone Spring and/or Delaware formations. The disposal water will be injected into the Devonian formation at a depth of 11,700' to 13,500', open hole, at a maximum surface pressure of 2340 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 Josh Bruening at Devon Energy Corporation, 333 West Sheridan Avenue, Oklahoma City, OK 73102-8260, or call (405) 552-7882.

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

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

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

Certified receipt No.
7008 1830 0002 7421 9536

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 Burton Flat Deep Unit SWD #2.

Date Mailed: 1/27/2015

Signature: [Handwritten Signature]

Date: 1/27/2015

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: Burton Flat Deep Unit SWD 2

Proof of Notice to Leasehold Operators within 1/2 mile of Burton Flat Deep Unit SWD #2

Energen Resources Corporation
605 Richard Arrington, Jr. Blvd. N
Birmingham, Alabama 35203-2707

Certified receipt No.
7008 1830 0002 7421 9529

Claremont Corporation
P.O. Box 549
Claremore, OK 74017

Certified receipt No.
7008-1830-0002-7421-9512

Shirley A. Johnston
P.O. Box 1824
Midland, TX 79701

Certified receipt No.
7008-1830-0002-7421-9505

Comanche O&G Co.
505 N. Big Spring, Suite 303
Midland, TX 77046

Certified receipt No.
7008-1830-0002-7421-9499

Sieb Resources, Inc.
P.O. 1107
Richmond, TX 77046

Certified receipt No.
7008-1830-0002-7421-9482

Redfern Enterprises, Inc.
P.O. Box 2127
Midland, TX 79702-2127

Certified receipt No.
7008-1830-0002-7421-9475

J&L Resources, Inc.
310 Morton Street, Suite 160
Richmond, TX 77469

Certified receipt No.
7008-1830-0004-6018-9137

Zorro Partners, Ltd.
616 Texas Street
Ft. Worth, TX 76102-4612

Certified receipt No.
7008-1830-0004-6108-9120

Edward R. Hudson, Jr.
616 Texas Street
Ft. Worth, Texas 76102-4612

Certified receipt No.
7008-1830-0004-6108-9113

Great Western Drilling, Inc.
P.O. Box 1659
Midland, TX 79702

Certified receipt No.
7008-1140-0004-6108-9106

Ard Energy Group
222 West 4th, #4 - 5
Ft. Worth, Texas 76102-4612

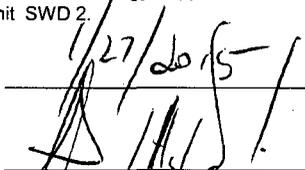
Certified receipt No.
7008-1140-0004-6108-8765

Davoil, Inc.
P.O. Box 122269
Ft. Worth, TX 76121-2269

Certified receipt No.
7008-1140-0004-6108-8758

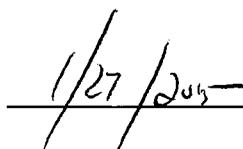
A copy of this application has been mailed to the above leasehold operators by certified mail, pertaining to Devon Energy's application for salt water disposal in the Burton Flat Deep Unit SWD 2.

Date Mailed:

1/27/2015


Signature:

Date:

1/27/2015


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

January 27th, 2015

RE: Form C-108, Application for Authorization to Inject
Burton Flat Deep Unit SWD 2; API #30-015-41982
Eddy County, NM
Section 27, T20S, R28E

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 Burton Flat Deep Unit SWD 2 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 Burton Flat Deep Unit 2. 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". The signature is stylized and written in a cursive-like font.

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

January 27th, 2015

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

RE: Form C-108, Application for Authorization to Inject
Burton Flat Deep Unit SWD #2; API # 30-015-41982
Eddy County, NM
Section 27, T20S, R28E

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 Burton Flat Deep Unit SWD #2 to salt water disposal in the Devonian 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,

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

January 27th, 2015

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

RE: Form C-108, Application for Authorization to Inject
Burton Flat Deep Unit SWD #2; API #.30-015-41982
Eddy County, NM
Section 27, T20S, R28E

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 Burton Flat Deep Unit SWD #2 to salt water disposal in the Devonian 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)-552-7882 or myself at (405)-552-7802.

Sincerely,

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

January 27th, 2015

Bureau of Land Management
620 East Greene Street
Carlsbad, New Mexico 88210-6292

RE: Form C-108, Application for Authorization to Inject
Burton Flat Deep Unit SWD #2; API# 30-015- 41982
Eddy County, NM
Section 27, T20S, R28E; 330' FSL & 2360' FEL

Dear Sir or Madam:

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

Devon's application proposes to drill and convert the Burton Flat Deep Unit SWD #2 to salt water disposal. Produced waters will be injected into the Devonian from 11700' to 13500'.

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 (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. NMNM 0428854	
6. If Indian, Allottee or Tribe Name	
7. If Unit or CA Agreement, Name and No. Burton Flat Deep Unit, NM 70798X	
8. Lease Name and Well No. Burton Flat Deep Unit SWD #2	
9. API Well No.	
1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	
1b. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other SWD <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	
2. Name of Operator: Devon Energy Production Company, L.P.	
3a. Address: 333 W. Sheridan Ave. Oklahoma City, OK 73102	3b. Phone No. (include area code) 405-228-4248
10. Field and Pool, or Exploratory SWD; Devonian	
4. Location of Well (Report location clearly and in accordance with any State requirements*) At surface 330' FSL & 2360' FEL, Sec 27, T20S-R28E, Unit O At proposed prod. zone same	
11. Sec., T. R. M. or Blk. and Survey or Area Sec 27, T20S-R28E	
14. Distance in miles and direction from nearest town or post office* Approximately 6 miles north of Carlsbad, NM	12. County or Parish Eddy
13. State NM	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 330'	16. No. of acres in lease 240.520
17. Spacing Unit dedicated to this well 40	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See attached map	19. Proposed Depth 13,500' TVD
20. BLM/BIA Bond No. on file CO-1104 & NMB-000801	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3221.3' GL	22. Approximate date work will start*
23. Estimated duration 45 days	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature: <i>Patti Riechers</i>	Name (Printed/Typed) Patti Riechers	Date 04/08/2013
Title Regulatory Specialist		
Approved by (Signature): <i>Stephen J. Caffey</i>	Name (Printed/Typed) IS/STEPHEN J. CAFFEY	Date JAN 15 2014
Title FIELD MANAGER		
Office CARLSBAD FIELD OFFICE		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

APPROVAL FOR TWO YEARS

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

SECRET Captain Combined Water Basin

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Approval Subject to General Requirements
& Special Stipulations Attached

District I
1623 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
311 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
		SWD; Devonian
⁴ Property Code	⁵ Property Name	
	BURTON FLAT DEEP UNIT SWD	
⁷ OGRID No.	⁸ Operator Name	⁶ Well Number
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.	2
		⁹ Elevation
		3221.3

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
O	27	20 S	28 E		330	SOUTH	2360	EAST	EDDY

¹¹ Bottom Hole Location: If Different From Surface

UL or lot no.	Section	Township	Range	Lot ldn	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.
40			

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>SW CORNER SEC. 27 LAT. = 32.5372383°N LONG. = 104.1743422°W NMSP EAST (FT) N = 559214.54 E = 590333.33</p>		<p>S Q CORNER SEC. 27 LAT. = 32.537246°N LONG. = 104.165745°W NMSP EAST (FT) N = 559221.47 E = 592982.89</p>		<p>SE CORNER SEC. 27 LAT. = 32.5372550°N LONG. = 104.1571470°W NMSP EAST (FT) N = 559228.96 E = 595632.32</p>	
<p>NW CORNER SEC. 27 LAT. = 32.5517890°N LONG. = 104.1741945°W NMSP EAST (FT) N = 564508.14 E = 590370.94</p>		<p>N Q CORNER SEC. 27 LAT. = 32.5518101°N LONG. = 104.1656003°W NMSP EAST (FT) N = 564519.91 E = 593018.96</p>		<p>NE CORNER SEC. 27 LAT. = 32.5518316°N LONG. = 104.1570035°W NMSP EAST (FT) N = 564532.01 E = 595667.78</p>	
<p>BURTON FLAT DEEP UNIT SWD #2 ELEV. = 3221.3' LAT. = 32.5381541°N (NAD83) LONG. = 104.1647951°W NMSP EAST (FT) N = 559552.23 E = 593274.93</p>					
<p>SURFACE LOCATION 2360'</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 unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

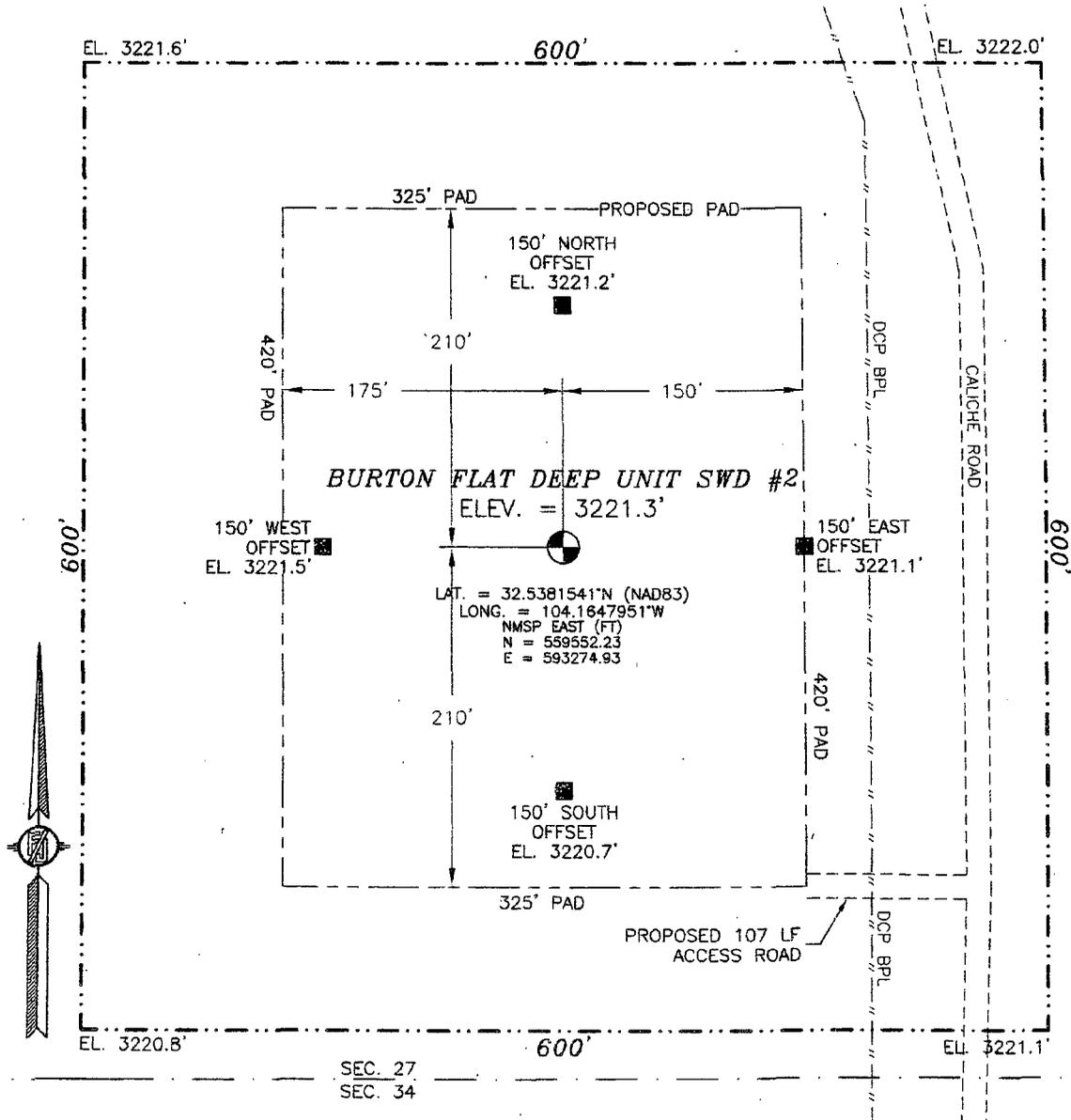
Patti Riechers 02/01/2012
Signature Date
Patti Riechers, Regulatory Specialist
Printed Name
patti.riechers@dvn.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

October 15, 2012
Date of Survey
Filimon F. Jaramillo
Signature of Licensed Surveyor
Certificate Number: FILIMON F. JARAMILLO, PLS 12797

SURVEY NO. 1318

SECTION 27, TOWNSHIP 20 SOUTH, RANGE 28 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM CR 238 (BURTON FLAT ROAD) AND CR 237 (ANGEL RANCH ROAD) GO EAST-NORTHEAST ON CR 238 1.6 MILES, TURN RIGHT ON CALICHE LEASE ROAD AND GO SOUTH 2.1 MILES AND LOCATION IS ON THE RIGHT (WEST) 255 FT.

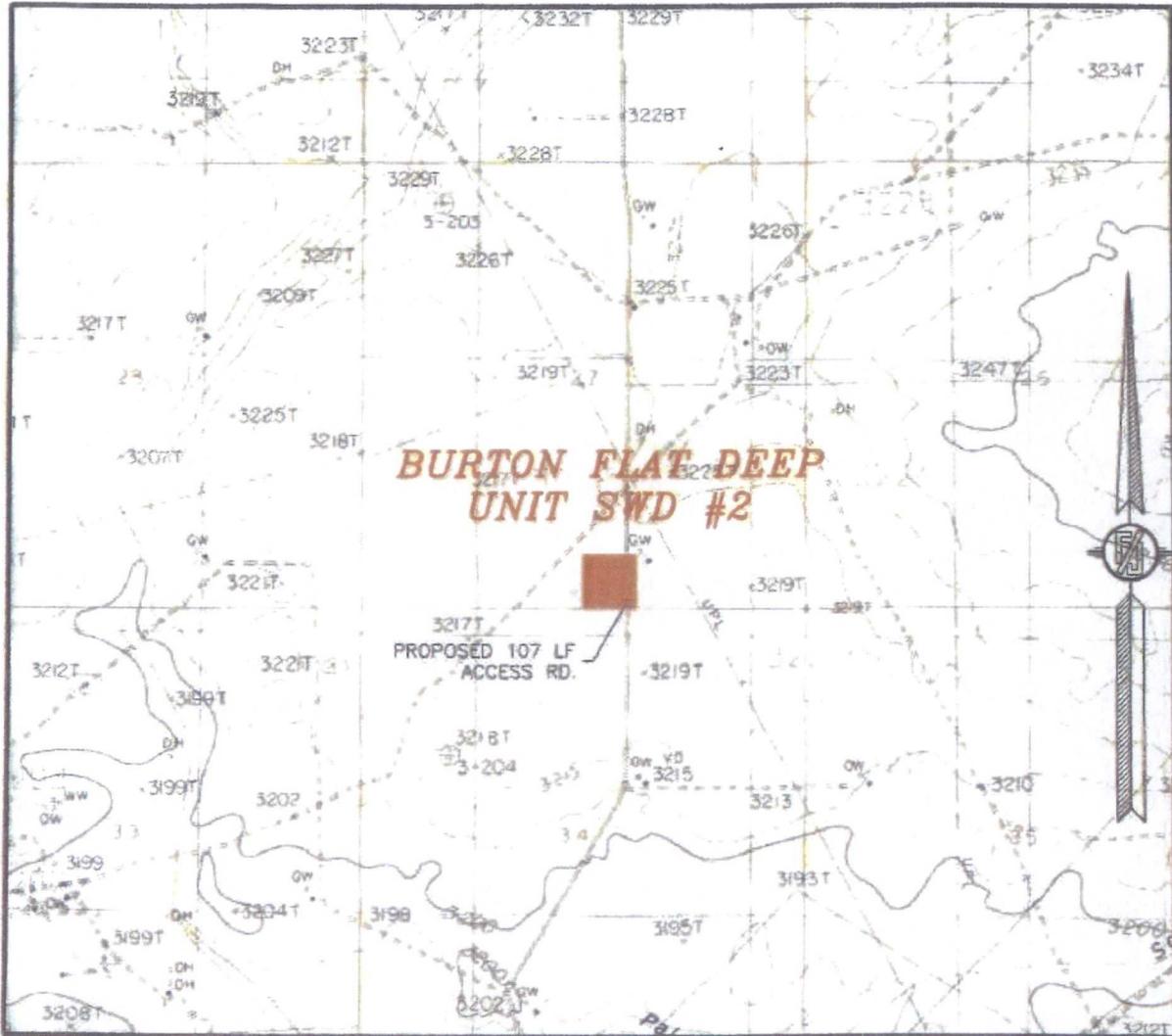
DEVON ENERGY PRODUCTION COMPANY, L.P.
BURTON FLAT DEEP UNIT SWD #2
 LOCATED 330 FT. FROM THE SOUTH LINE
 AND 2360 FT. FROM THE EAST LINE OF
 SECTION 27, TOWNSHIP 20 SOUTH,
 RANGE 28 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO

OCTOBER 15, 2012

SURVEY NO. 1318

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

SECTION 27, TOWNSHIP 20 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
ANGEL DRAW

NOT TO SCALE

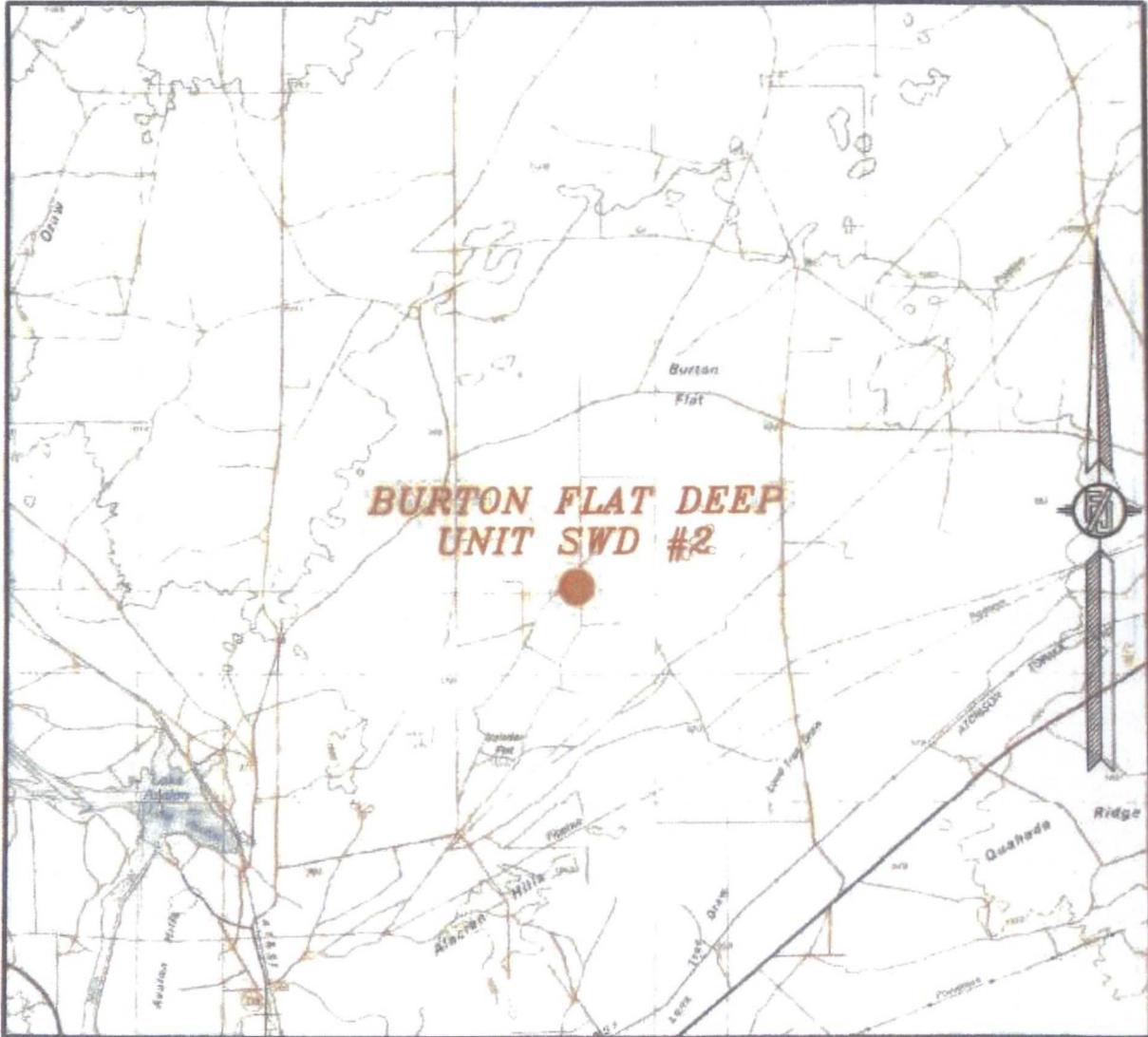
DEVON ENERGY PRODUCTION COMPANY, L.P.
BURTON FLAT DEEP UNIT SWD #2
LOCATED 330 FT. FROM THE SOUTH LINE
AND 2360 FT. FROM THE EAST LINE OF
SECTION 27, TOWNSHIP 20 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

OCTOBER 15, 2012

SURVEY NO. 1318

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

SECTION 27, TOWNSHIP 20 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
VICINITY MAP



NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.
BURTON FLAT DEEP UNIT SWD #2
LOCATED 330 FT. FROM THE SOUTH LINE
AND 2360 FT. FROM THE EAST LINE OF
SECTION 27, TOWNSHIP 20 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

OCTOBER 15, 2012

SURVEY NO. 1318

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

SECTION 27, TOWNSHIP 20 SOUTH, RANGE 28 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.
BURTON FLAT DEEP UNIT SWD #2
LOCATED 330 FT. FROM THE SOUTH LINE
AND 2360 FT. FROM THE EAST LINE OF
SECTION 27, TOWNSHIP 20 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

OCTOBER 15, 2012

SURVEY NO. 1318

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

McMillan, Michael, EMNRD

From: Porter, Stephanie <Stephanie.Porter@dvn.com>
Sent: Thursday, February 12, 2015 7:21 AM
To: McMillan, Michael, EMNRD
Cc: Jones, William V, EMNRD
Subject: Burton Flat SWD #2; SWD 1413

Actually, I had resubmitted the C-108 application on 01/26/2015 to give Devon an additional 2 years. We want to drill and convert this well, but are not ready to put it on the drilling schedule, could be at 4th quarter 2015 or 2016 well. Just trying to make sure we keep our ducks in a row on the injection permit, should we move faster than expected.

I did have a question as well on the status of the Rattlesnake 16 SWD 1, it was submitted 01/15/2015. Devon had not receipted any formal objections from surface or leasehold interests, but I always try to follow up with Santa Fe should they have receipted any. Hopefully, that SWD C-108 is moving forward with no issues. I know your group is very swamped, but wanted to let you know that tentatively Devon would like to drill this SWD March 1st. I told our group, I will communicate that, and see if your group will be able to accommodate that.... OR, they will just need to be patient! ☺

Stephanie A. Porter

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Courage is being scared to death but saddling up anyway ~ John Wayne

From: McMillan, Michael, EMNRD [<mailto:Michael.McMillan@state.nm.us>]
Sent: Wednesday, February 11, 2015 5:03 PM
To: Porter, Stephanie
Subject: Burton Flat SWD #2; SWD 1413

Ms. Porter:
Are you asking for an extension for the Burton Flat SWD #2?
Thank You

Michael A. McMillan

Engineering and Geological Services Bureau, Oil Conservation Division
1220 South St. Francis Dr., Santa Fe NM 87505
O: 505.476.3448 F. 505.476.3462

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