DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
3/22/13		RE	03/26/2013	SWD	pPRG1308549595

ABOVE THIS LINE FOR DIVISION USE ONLY

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

API pending
Burton Flat Deep Unit SWD #2
Devon Production

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 _____

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

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☒ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

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

[F] ☐ Waivers are Attached

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

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

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

Stephanie A. Porter		Operations Technician	03/21/2013
Print or Type Name	Signature	Title	Date

Stephanie.Porter@dvn.com
e-mail Address

SWD-1413

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____Secondary Recovery ___Pressure Maintenance ___X___Disposal _____Storage
Application qualifies for administrative approval? __X_____Yes _____No

II. OPERATOR: ____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 __X_____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: 03/21/2013

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: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

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.

DEVON ENERGY PRODUCTION COMPANY LP

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

PROPOSED DRILL & COMPLETE SWD

26" Hole
20", 94#, J55, STC, @ 250'
Cement w/620 sx Cl C to surface

17-1/2" Hole
13-3/8", 40#, HCK-55, LTC, @ 550'
Cement w/525 sx Cl C to surface

7" Liner Top @ 5,000'

12-1/4" Hole
9-5/8", 40#, J55, LTC, @ 5,200'
Cement w/2050 sx Cl C to surface

DV Tool @ 8,000'

DV Tool

3-1/2", IPC, Injection Tubing
7", Ni coated Injection packer @ ~12,250'

8-3/4" Hole
7", 26#, P110, LTC, @ 12,280'
Cement Stg 1 w/765 sx , Stg 2 w/615 sx, Cl H

DEVONIAN OPEN HOLE
12,282' - 12,582

12,780' TD

Jones, William V., EMNRD

From: Porter, Stephanie <Stephanie.Porter@dvn.com>
Sent: Thursday, January 31, 2013 12:47 PM
To: Jones, William V., EMNRD
Cc: Slack, Ronnie
Subject: Proposed Burton Flat Deep Unit 2 SWD (Sec 27-T20S- R8E) - 330' FSL & 2360' FEL
Attachments: Burton Flat Deep SWD #2 proposed schemat.xlsx

Will,

What we were initially proposing for an injection interval was 12,282-12582', and that is what we published in the paper. I visited quickly with Trever Klaassen (Operations Engineer) and Raleigh Blustein (Geologist) and got them up to speed on our conversation, they will be present for our meeting at 3:00. I've attached a proposed wellbore schematic, the tops are below and so is the drilling program detail. The wellbore schematic may be visually easier, it has the drilling program detail on it. Ultimately we will follow your lead and do a new notice in the paper and have you walk us through what would be best at the end of the day and for review purposes with the BLM, since this is a Federal well. ☺ No APD has gone out yet, til we look at the C-108 issues we should address.

Talk to you at 2:00 your time! ☺ Hopes this helps so we can see everything clearly together! ☺

Burton Flat Deep SWD #2–APD DRILLING PLAN
01-02-2013 KKS
01-29-2013 Revised TD & updated design factor

Casing Program

Hole Size	Hole Interval	OD Csg	Casing Interval	Weight	Collar	Grade
26"	0 – 250	20"	0 – 250	94#	STC	J-55
17-1/2"	250 – 550	13-3/8"	0 – 550	48#	STC	H-40
12-1/4"	550 –5,200	9-5/8"	0 – 5,200	40#	LTC	J-55
8-3/4"	5,200 – 12,780	7"	5,000 – 12,280	26#	LTC	P-110

Casing Size	Collapse Design Factor	Burst Design Factor	Tension Design Factor
20" 94# J-55 STC	4.44	18.03	6.30
13-3/8" 40# HCK-55 LTC	1.56	1.30	3.03
9-5/8" 40# J-55 LTC	1.80	2.76	4.73
7" 29# P-110 LTC	1.281	1.69	2.43

Formation Name	Depth to Formation Top (TVD)	Anticipated Fresh Water, Oil, or Gas
Rustler	Surface	water at ~50'

TOP SALT	**288**	**barren**
BASE SALT	**452**	**barren**
TANSIL	**573**	**barren**
YATES	**704**	**O & G Shows**
SEVEN RIVERS	**816**	**O & G Shows**
CAPITAN	**972**	**barren**
CAPITAN BASE	**2492**	**barren**
DELAWARE	**2998**	**O & G Shows**
LOWER BRUSHY CANYON	**4969**	**O & G Shows**
1ST BONE SPRING LIME	**5276**	**O & G Shows**
1ST BONE SPRING SAND	**6512**	**O & G Shows**
2ND BONE SPRING LIME	**6664**	**O & G Shows**
2ND BONE SPRING SAND	**7232**	**O & G Shows**
3RD BONE SPRING LIME	**7542**	**O & G Shows**
3RD BONE SPRING SAND	**8348**	**O & G Shows**
WOLFCAMP	**8837**	**O & G Shows**
STRAWN	**10030**	**G Shows**
ATOKA	**10474**	**G Shows**
MORROW	**10941**	**G Shows**
LOWER MORROW	**11189**	**G Shows**
MISSISSIPPIAN	**11379**	**G Shows**
MISSISSIPPIAN LIME	**11752**	**G Shows**
WOODFORD	**12222**	**G Shows**
DEVONIAN	12282	G Shows
Estimated well Total Depth	TVD: 12582	MD: 12582

Prod interval

OK

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

Side 1

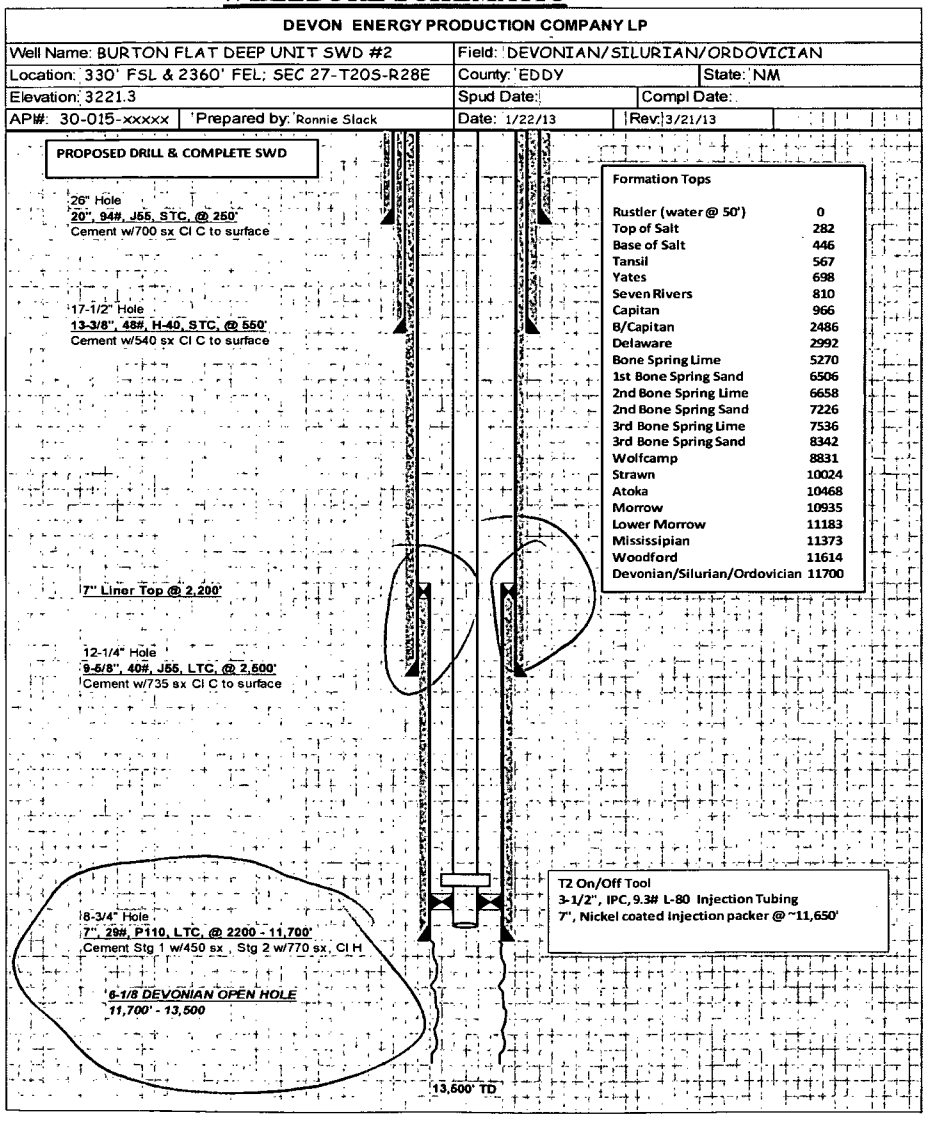
INJECTION WELL DATA SHEET

OPERATOR: Devon Energy Production Company, LP

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

WELL LOCATION: 330' FSL & 2360' FEL (FOOTAGE LOCATION) O (UNIT LETTER) Sec 27 (SECTION) T20S (TOWNSHIP) R28E (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): ____To be Assigned by NMOCD_____

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); Mississipian 11373 (Barren); Woodford 11614 (Barren); Devonian/Silurian/Ordovician 11700 (Barren)

Proposed Injection Well: Burton Flat Deep Unit #2
API: 30- (to be assigned)
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); Mississipian 11373 (Barren); Woodford 11614 (Barren); Devonian/Silurian/Ordovician 11700 (Barren)

Proposed Injection Well: Burton Flat Deep Unit #2
API: 30-015- (To Be Assigned)
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 Delaware/Silurian/Ordovician formation. Devonian

(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/Ordivician 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 anlalysis 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.

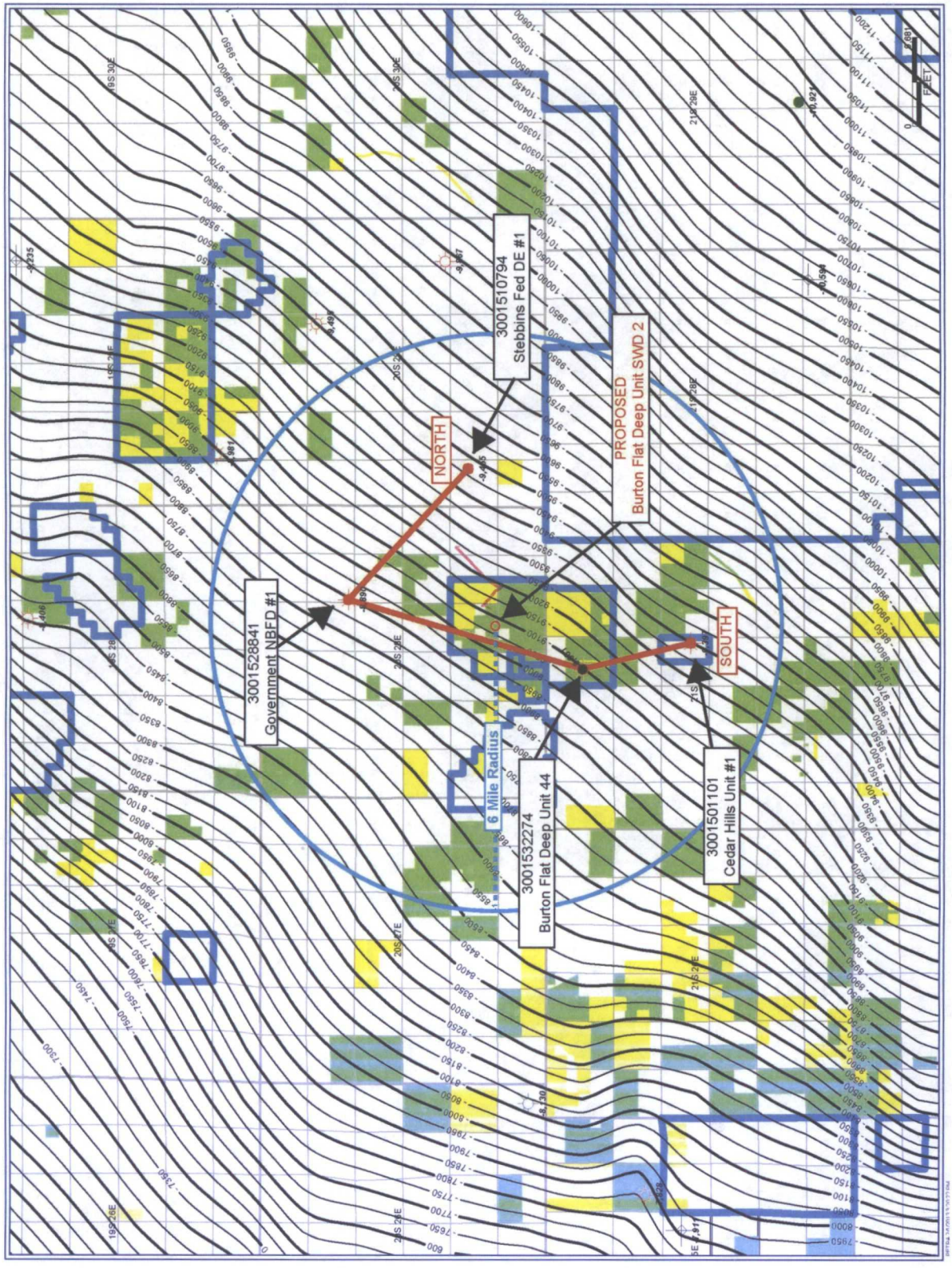
Comments for the Burton Flat Deep Unit SWD #2 application for conversion to saltwater disposal.

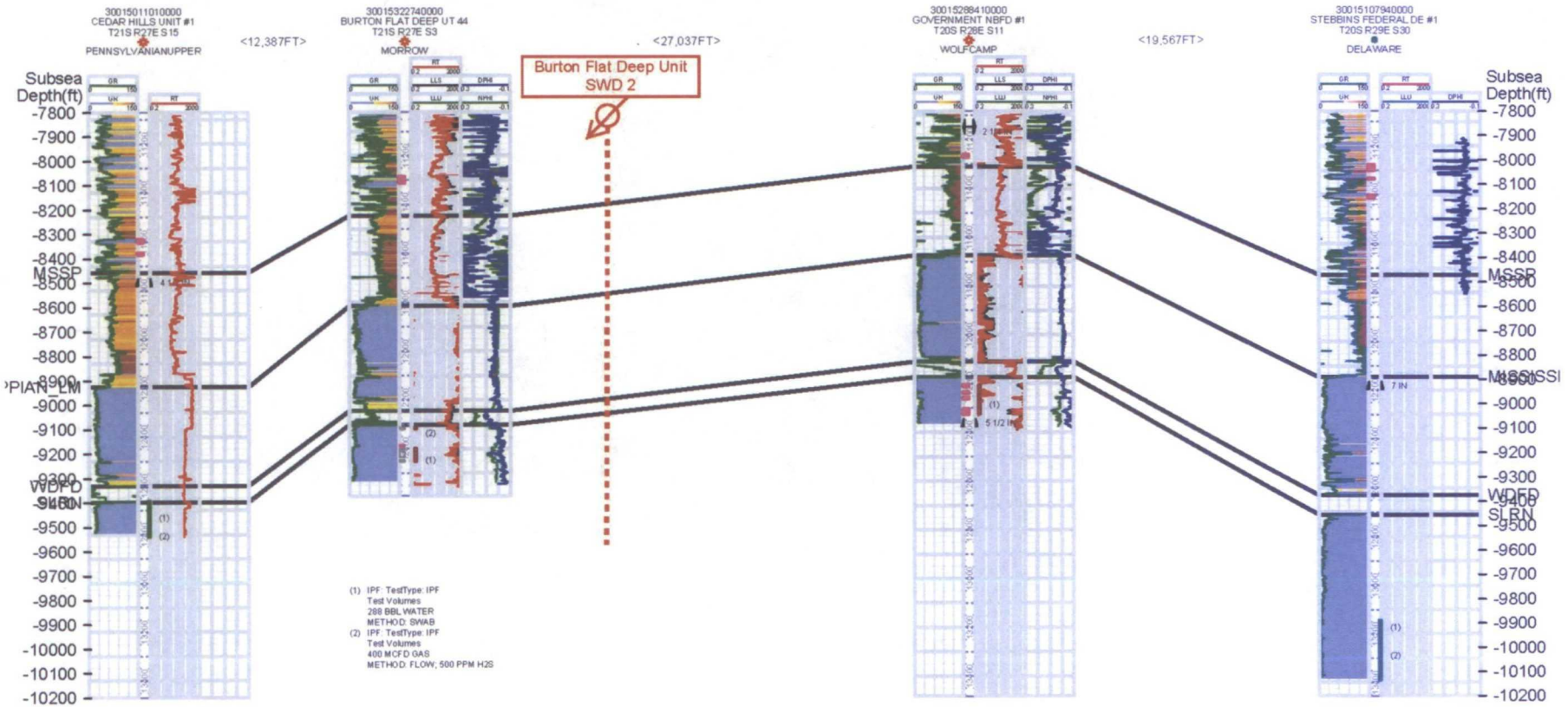
Name of the Injection Formation: **Devonian/Silurian/Ordovician**
Field or Pool Name (if known): **(to be assigned)** 97869
Injection Interval: **11,700'-13,500' open hole**
Depth to Fresh Water's Stratagraphic Unit Name: **Rustler**
Depth to Ground Water: **50' (CP 00920; NESENW 33-20S/28E)**
Give the 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).

<u>Burton Flat Deep Unit SWD #2 (SWSWSE 27-20S-28E; PTD 12582')</u>
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 12,317-12325 FT Flowed 400 mcfd with 500 ppm H_2S
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. DEST #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
IFP: 966
FFP: 966
ISP: 5579
FSP: 5536
DST Recoveries
2000 FT WB
120 FT M
(2) DST: 12761-12811
12/28/1962
IFP: 1123
FFP: 2499
ISP: 5544
FSP: 5497
DST Recoveries
2000 FT WB
3588 FT XZW

(1) DST: 13141-13157
09/08/1966
IFP: 87
FFP: 133
ISP: 5729
DST Recoveries
95 FT M
115 FT SOCW
(2) DST: 13144-13391
09/08/1966
IFP: 5810
FFP: 5833
ISP: 5833
FSP: 5844
DST Recoveries
3000 FT MCW
9761 FT XW

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

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

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

Dear Ard Energy Group:

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 #1 to salt water disposal in the Devonian 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 SWD #2 well. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15) days of receipt of this letter.

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

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

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 (to be assigned)
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

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

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

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

Dear Claremont Corporation:

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 #1 to salt water disposal in the Devonian 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 SWD #2 well. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15) days of receipt of this letter.

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

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

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

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

Dear Comanche O&G Co.:

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

Devon's application proposes to drill and convert the Burton Flat Deep Unit SWD #1 to salt water disposal in the Devonian 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 SWD #2 well. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15) days of receipt of this letter.

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

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

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

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

Dear Davoil, Inc.:

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

Devon's application proposes to drill and convert the Burton Flat Deep Unit SWD #1 to salt water disposal in the Devonian 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 SWD #2 well. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15) days of receipt of this letter.

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

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

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

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

Dear Edward R. Hudson, Jr.:

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 #1 to salt water disposal in the Devonian 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 SWD #2 well. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15) days of receipt of this letter.

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

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

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

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

Dear Energen Resources Corporation:

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 #1 to salt water disposal in the Devonian 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 SWD #2 well. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15) days of receipt of this letter.

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

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

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

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

Dear Great Western Drilling:

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 #1 to salt water disposal in the Devonian 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 SWD #2 well. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15) days of receipt of this letter.

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

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

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

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

Dear J&L Resources, Inc.:

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

Devon's application proposes to drill and convert the Burton Flat Deep Unit SWD #1 to salt water disposal in the Devonian 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 SWD #2 well. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15) days of receipt of this letter.

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

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

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 (to be assigned)
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 Trevor Klaassen (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

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

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

Dear Redfern Enterprises, Inc.:

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

Devon's application proposes to drill and convert the Burton Flat Deep Unit SWD #1 to salt water disposal in the Devonian 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 SWD #2 well. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15) days of receipt of this letter.

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

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

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 (to be assigned)
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 Trevor Klaassen (405)-552-5069 or myself at (405)-552-7802.

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

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

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

Dear Shirley A. Johnston:

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 #1 to salt water disposal in the Devonian 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 SWD #2 well. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15) days of receipt of this letter.

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

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

Sieb Resources, Inc.
P.O. Box 1107
Richmond, Texas 77046

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

Dear Sieb Resources, Inc.:

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

Devon's application proposes to drill and convert the Burton Flat Deep Unit SWD #1 to salt water disposal in the Devonian 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 SWD #2 well. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15) days of receipt of this letter.

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

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

devon

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

405 235 3611 Phone
www.devonenergy.com

March 21st, 2013

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

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

Dear Zorro Partners, Ltd.:

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 #1 to salt water disposal in the Devonian 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 SWD #2 well. Any objections must be submitted in writing to NMOCD, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within (15) days of receipt of this letter.

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

Sincerely,

Stephanie A. Porter
Operations Technician

SP/sp
Enclosure

DEVON ENERGY 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-xxxxx	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 Cl C to surface

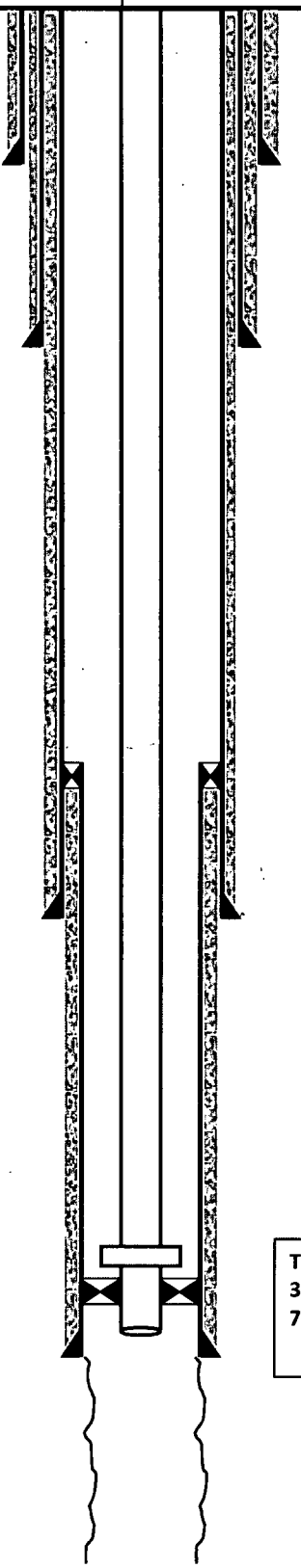
17-1/2" Hole
13-3/8", 48#, H-40, STC, @ 550'
Cement w/540 sx Cl C to surface

7" Liner Top @ 2,200'

12-1/4" Hole
9-5/8", 40#, J55, LTC, @ 2,500'
Cement w/735 sx Cl 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, Cl H

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



13,500' TD

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'

DVN: Burton Flat Deep SWD #2

API #30-025-TBD

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, Enertube 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.

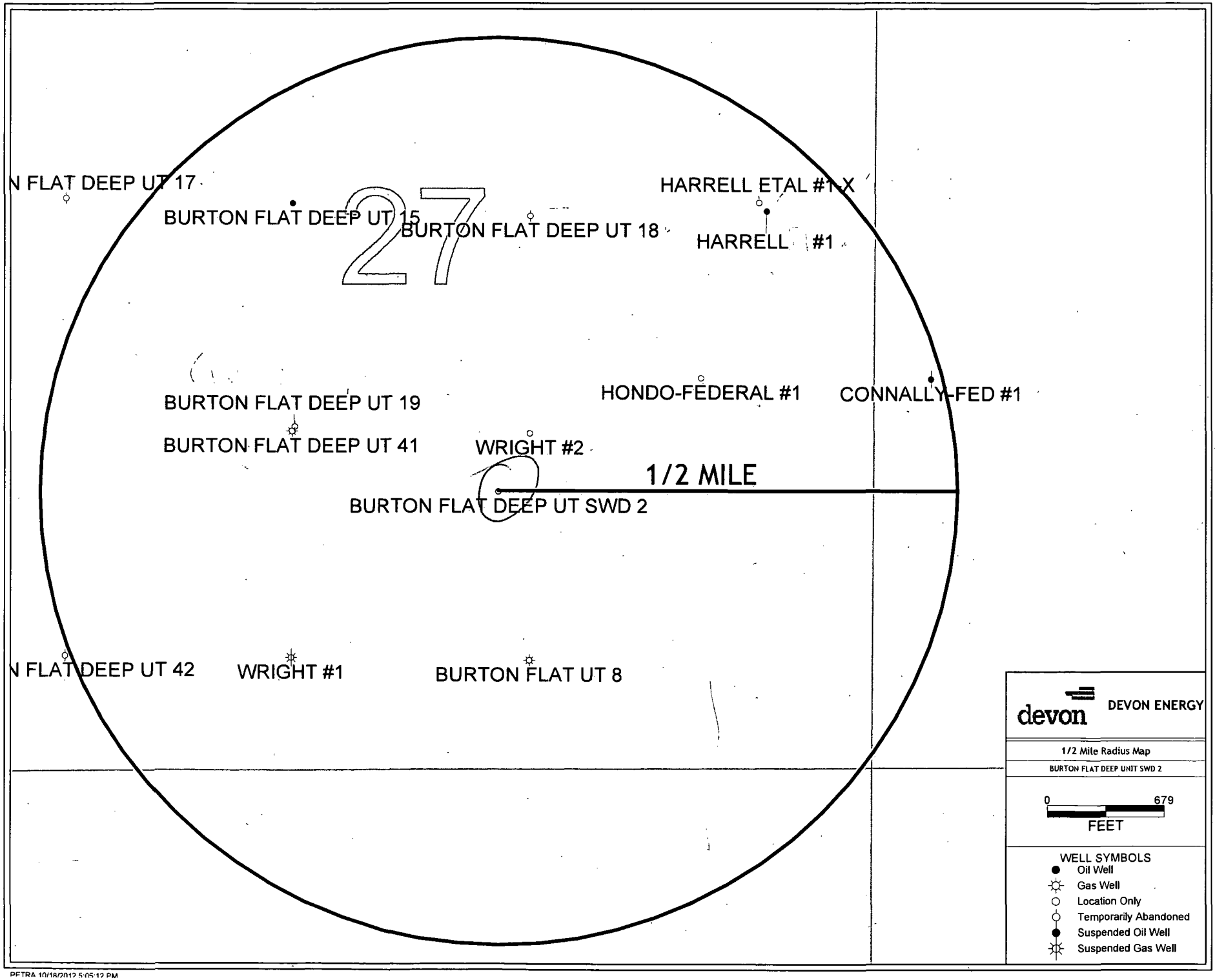
Contact	Company	Office #	Mobile #
Trevor Klaassen	Devon (engr)	(405) 552-8150	(405) 464-4214
Roger Hernandez	Devon (Prod Supv)	(575) 748-0169	(575) 748-5238
Brian Schultz	EHS Rep	(575) 748-0193	(505) 426-4459
Mitch Johnson	Weatherford	(575) 746-7079	(575) 703-7079
Tom Ellis	Conestoga Supply & Western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

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

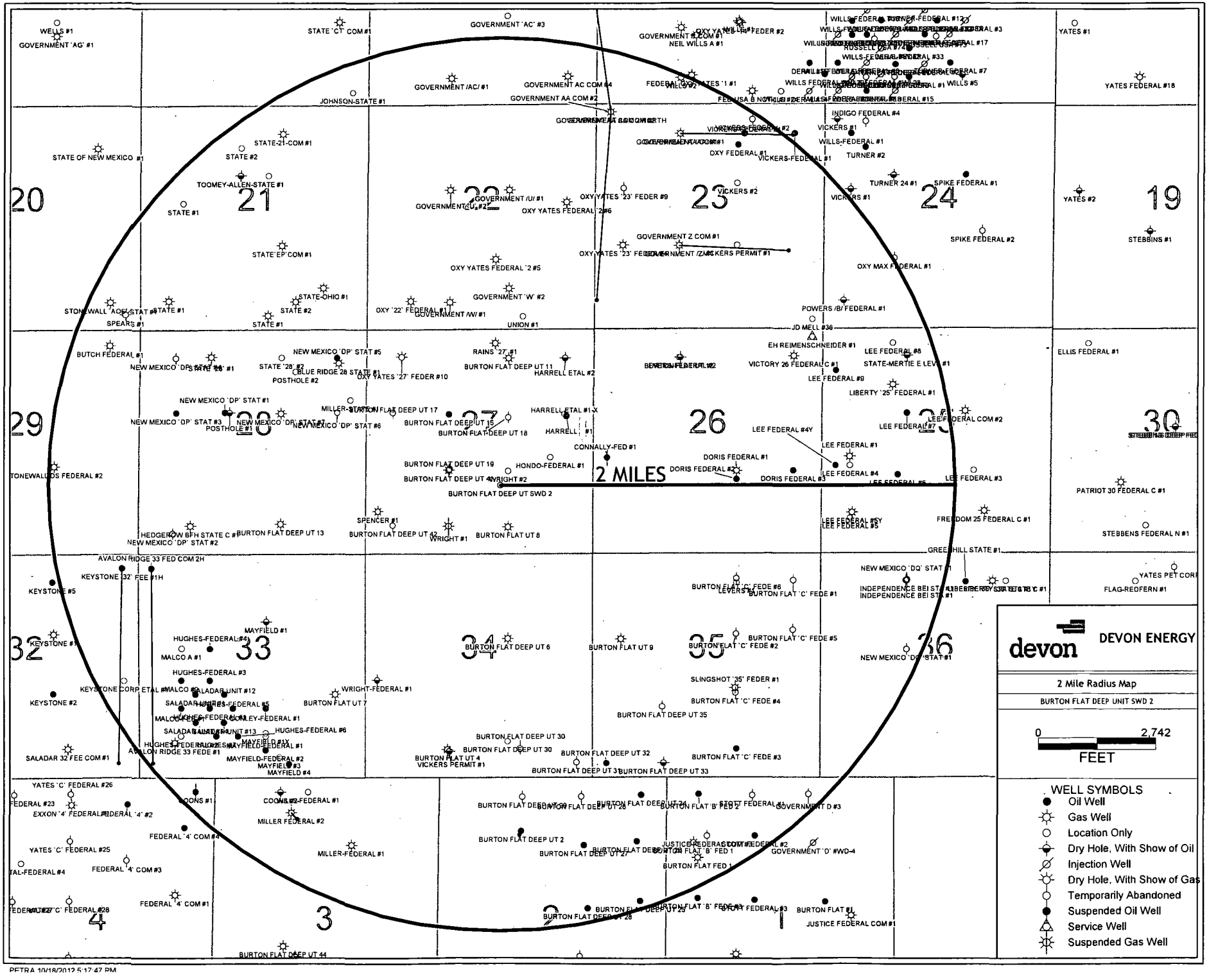
Western Falcon to provide:
~ 11,650' of 3-1/2", ~ 10#, L-80, Enertube lined tbg (eue - 8rd) (2.50" drift)
1 – set of 3-1/2", ~10#, L-80, Enertube lined tbg subs. (2.50" drift)

All footages are threads off amounts

Western Falcon tech to provide make up guidelines and procedures.



PETRA 10/18/2012 5:05:12 PM



PETRA 10/18/2012 5:17:47 PM

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	4818-4830' (open) 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

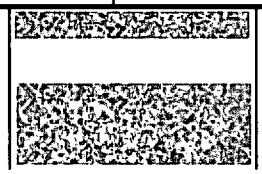
Well Name: CONNALLY FED 1		Field:	
Location: 2310' FSL & 330' FWL; SEC 26-T20S-R28E		County: EDDY	State: NM
Elevation: 3233 GL		Spud Date: 8/13/58	Compl Date: 7/24/59-P&A
API#: 30-015-02428	Prepared by: Ronnie Slack	Date: 1/24/13	Rev:

PLUGGED & ABANDONED - 7/24/59

11" Hole - ?

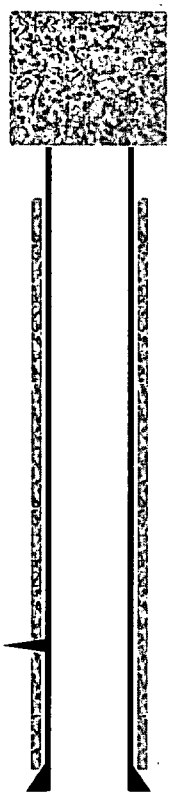
8-5/8", 17#, @ 60' *(pulled at p&a)*

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'

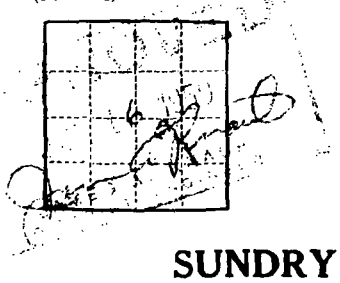
7-7/8" Hole - ?

2-7/8", 6.5# tubing @ 883'

Cemented w/15 sx

887' TD

Form 9-331a
(Feb. 1951)



N. M. O. C. C. COPY

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Land Office .....
Lease No. C 7182 7
Unit .....

RECEIVED
AUG 2 1961
O. C. C.
ARTESIA, OFFICE

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	X		

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

....., 19....

Well No. 1 - Connally / is located 2310 ft. from {N/S} line and 330 ft. from {E/W} line of sec. .....

SW¼ 25 (¼ Sec. and Sec. No.) | 20S (Twp.) | 28 E (Range) | ..... (Meridian)

..... (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)

Shot 2½" 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. GEOL...
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 848

Roswell, New Mexico

By Wm. B. Barnhill

Title Owner

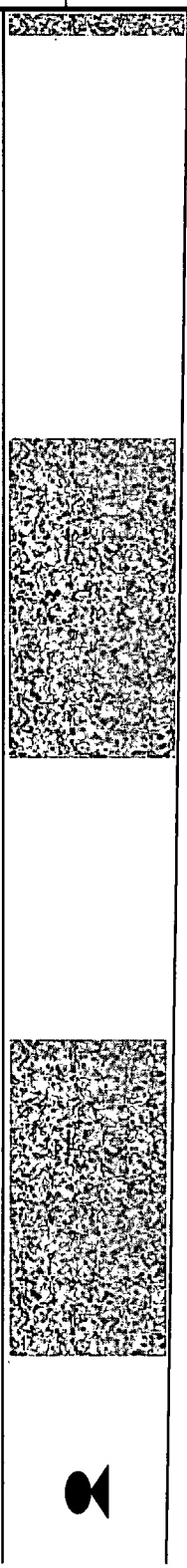
GPO 862040

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

Form C-103
(Revised 3-55)

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 Harrell et al WELL NO. 1 UNIT M S 27 T 20S R 28E

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

This is a Report of: (Check appropriate block)

- [x] Beginning Drilling Operations
- [x] Plugging
- [ ] Results of Test of Casing Shut-off
- [ ] Remedial Work
- [ ] 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 barrell - 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 _____

Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____

Perf Interval (s) _____

Open Hole Interval _____ Producing Formation (s) _____

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

Witnessed by _____ _____ (Company)

OIL CONSERVATION COMMISSION

Name W. A. Gressett

Title OIL AND GAS INSPECTOR

Date JAN 28 1958

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

Name Neil H. Wills

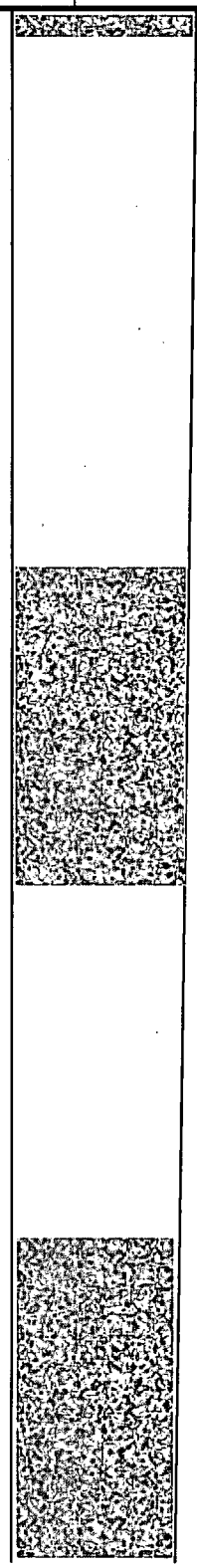
Position _____

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

Form C-103
(Revised 3-55)

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 Harrell et al WELL NO. 1-X UNIT H S 27 T 20S R 28E

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

This is a Report of: (Check appropriate block)

- [X] Beginning Drilling Operations
- [X] Plugging
- [ ] Results of Test of Casing Shut-off
- [ ] Remedial Work
- [ ] Other

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

12-6-57 Having lost #1 hole - skidded rig 50 ft. SE and spudded Harrell et al #1-X

12-18-57 Ran tubing to TD of 810 ft, set 37 sack plug. Pulled tubing to 445 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

Name W. A. Gressett
Title OIL AND GAS INSPECTOR

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

Name Neil Wills
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'

heavy mud

Cement plug from 440' to 465'

Heavy mud from 465' to 741'

heavy mud

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

Cement plug from 741' to 791'

791' TD

30-015-02539

N. M. O. C. C. COPY

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

Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

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

RECEIVED
SEP 6 1961
O. C. C.
ARTESIA, OFFICE

APPROVED
SEP 1961
JAMES A. KNAUF
DISTRICT ENGINEER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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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, 1961

Hondo-Federal
Well No. 1 is located 2310 ft. from [N/S] line and 990 ft. from [E/W] line of sec. 27

W½ Sec. 27 (¼ Sec. and Sec. No.) T. 20 S., (Twp.) R. 26 E. (Range) N.M.P.M. (Meridian)

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

The elevation of the Ground 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" to 200' w/10 sx.

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

A. H. Hains, Contractor

RECEIVED
AUG 31 1961
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 A. H. HAINS

Address P. O. Box 927

Carlsbad, New Mexico

By A. H. Hains

Title Operator

GPO 862040

NUMBER OF COPIES RECEIVED		
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LAND OFFICE		
TRANSPORTER OIL / GAS		
PRORATION OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATIO.. COMMISSION

FORM C-128
Revised 5/1/57

WELL LOCATION AND ACREAGE DEDICATION PLAT

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

RECEIVED

SECTION A

Operator	Lease	Well No.
A. H. Raine	Hondo-Federal	1

Unit Letter	Section	Township	Range	County
I	27	20S	28E	Eddy

U. S. G. S. ARTESIA, OFFICE

Actual Footage Location of Well: 2310 feet from the south line and 990 feet from the east line

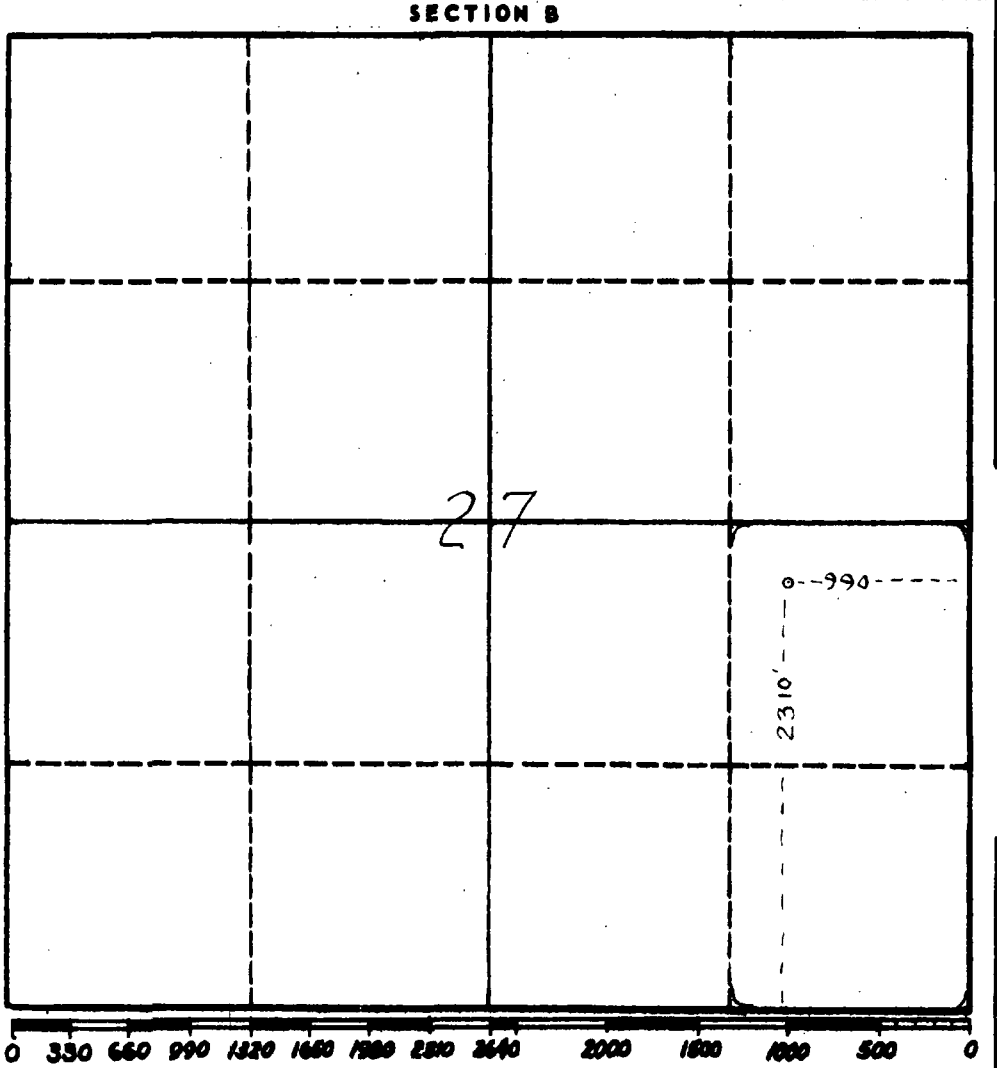
Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3290	Yates	wildcat	80 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X 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 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:

Owner	Land Description

RECEIVED
AUG 3 1 1961
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

SECTION B



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. Raine
Position operator
Company A. H. Raine
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
Certificate No. 707

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.

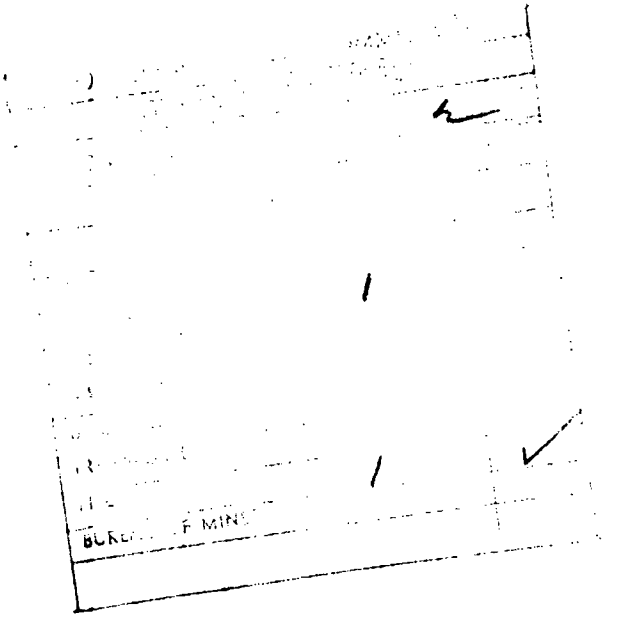
4. All distances shown on the plat must be from the outer boundaries of the Section.

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 shows "
A.H. Rains #1 Hardo Fed. 27-20-28
2310s - 990e
TD 791 RA 11-1-61 ???

may be used for water well or P.P
We will get forms when the approval shows



U. S. G. C. COPY

Form approved.
Budget Bureau No. 42-R355.4.

Form 9-330

U. S. Land Office New Mexico
Serial Number NM 0 796-A
Lease or Permit to Prospect ....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED OCT 1 1963 U. S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company A. H. Rains Address Box 427, Carlsbad, N. M.
Lessor or Tract .... Field WILDCAT State New Mexico
Well No. 1 Sec. 27 T. 20S R. 28E Meridian N.M.P.M. County Eddy
Location 2310 ft. N. of ...... Line and 990 ft. E. of E. Line of SEC. 27 Elevation 3230
(Derrick floor relative to sea level)

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. B. Rains

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	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

RECEIVED
OCT 1 1 1963
O. C. C.
ARTESIA, OFFICE

FOLD | MARK

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 750' feet, and from .... feet to .... feet
Cable tools were used from 750' feet to 791 feet, and from .... feet to .... feet

DATES

........, 19.... 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. Tuton, Driller ...., Driller
R. D. Rains, Driller ...., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	40	40	Surface sand + clay
40	120	80	red bed + fine sand
120	150	30	gray dolo
150	180	30	red + blue clay
180	220	40	lime + red clay
220	300	80	red beds + Gyp
300	350	50	gyp + some red beds
350	420	70	red beds + red sand
420	460	40	gyp, red + white
460	575	115	Salt
575	602	27	anhydrite
602	615	13	brown lime
615	640	25	gray lime + anhydrite
640	653	13	Sandy shale + lime
653	670	17	lime + anhydrite
670	700	30	hard gray lime
700	730	30	lime + anhydrite
730	741	11	hard brown lime
741	760	19	sand, shale + anhydrite
760	769	9	Sand
769	771	2	gray lime
771	791	20	sand gray H_2S wtr 775

[OVER] 16—43094-6

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—42094-3 U. S. GOVERNMENT PRINTING OFFICE

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 were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size 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 bailing.

N. M. O. C. C. COPY

Form 9-331a
(Feb. 1951)

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

APPROVED
OCT 3 1963
RONNIE E. SHOOK
ACTING DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
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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)

....., 19....

Well No. 1 is located 2310 ft. from {N/S} line and 990 ft. from {E/W} line of sec. 27

NE¼SE¼ Sec 27 (¼ Sec. and Sec. No.) T 20 S (Twp.) R 28 E (Range) N M P M (Meridian)

WILD CAT (Field) Eddy (County or Subdivision) New Mexico (State or Territory)

The elevation of the ~~derrick floor~~ ground 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 4½" casing
plug well to bottom of 7" casing at 212'
leaving well for stock well

RECEIVED
OCT 4 1963
O. C. C.
ARTESIA, OFFICE

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 Box 927
Carlsbad, New Mexico

By A. H. Rains

Title

GPO 862040

N. M. O. C. C. COPY

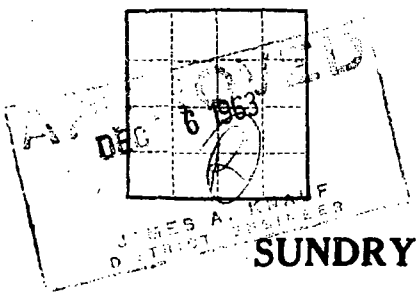
Form 9-331a
(Feb. 1951)

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

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

(SUBMIT IN TRIPLICATE)

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....

Honda-Federal

Well No. 1 is located 2310 ft. from {N/S} line and 990 ft. from {E/W} line of sec. 27

NE¼SE¼ Sec 27 T20S R28E NMPM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

WILDCAT EDDY New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ ground 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)

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 [illegible]

RECEIVED
DEC 1963
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 A. H. Rains

Address Box 927

Carlsbad, New Mex

By A. H. Rains

Title

GPO 962040

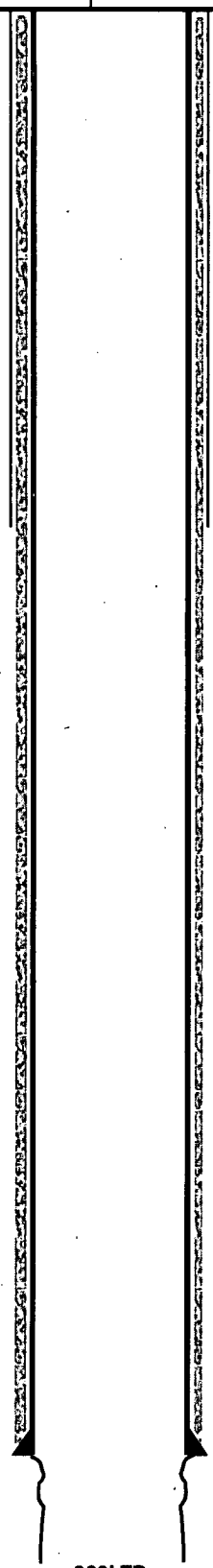
NEIL H WILLS

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 9-331a
(Feb. 1951)

APPROVED
JAN 23 1959
ROBERT F. EVANS
ACTING DISTRICT ENGINEER

COPY TO O. C. C.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	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, 1959

Well No. 1-Wright is located 660 ft. from [N/S] line and 1990 ft. from [E/W] line of sec. 27

E½ of 27 (¼ Sec. and Sec. No.) | 20 South (Twp.) | 25 East (Range) | N M P M (Meridian)

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

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

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 8⅝"-24# 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 4½" casing back to the surface.

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 Neil H. Wills

Title

GPO 9 18 507

Form C-128
Revised 5/1/57

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date January 19, 1959

Operator Neil B. Wills Lease LC 068878-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 40 Acres

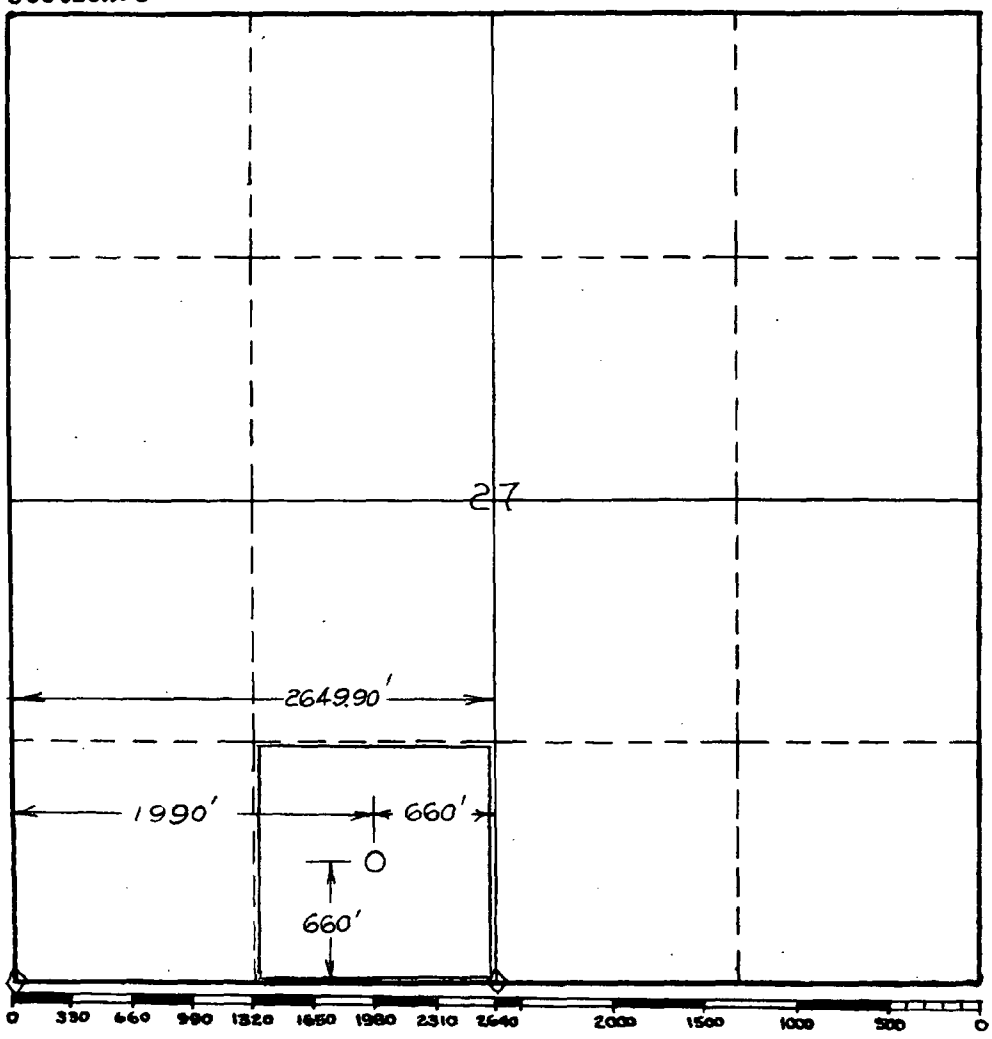
Name of Producing Formation Yates Pool Wildcat

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes X 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:

Owner	Land Description

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

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 B. Wills
(Operator)

Neil B. Wills
(Representative)

P. O. Box 529, Carlsbad, 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 B. Wills
Registered Professional Engineer and/or Land Surveyor.

Certificate No. 771

(See instructions for completing this form on the reverse side)

INSTRUCTIONS FOR COMPLETIC

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.)

Form 9-330 1-AF

COPY TO O. C. C.

Budget Bureau No. 42-R-355.1.
Approval expires 12-31-60.

U. S. LAND OFFICE ....
SERIAL NUMBER LC-068878-A
LEASE OR PERMIT TO PROSPECT ....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Neil H. Wills Address Box 529, Carlsbad, New Mexico

Lessor or Tract William S. Wright Field Wildcat State New Mexico

Well No. 1 Sec. 27 T. 20S R. 28 E Meridian NMPM County Eddy

Location 660 ft. N. of S. Line and 1980 ft. E. of W. Line of section 27 Elevation ....

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 Robert S. Light

Date February 12, 1959 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 (O) No. 4, from .... to ....

No. 2, from 850 to 860 (O) 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 (sul wtr)

No. 2, from 160 to 170 No. 4, from .... to ....

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10 3/4	32	8		194'	Texas Patern	194			surface
7 5/8	20#	8		907'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 5/8	907'	150 sax	Denton	8 1/2 lb.	35 sax

PLUGS AND ADAPTERS

Heaving plug—Material .... Length .... Depth set ....

Adapters—Material .... Size ....

SHOOTING RECORD

Size	Shell used	Explosive 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 0 feet to 989 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, °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

Tom Boyd Drilling Company, Driller Contractor ...., Driller

........, Driller ...., Driller

FORMATION RECORD

DRILLERS LOG

FROM—	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	187		blue shale
187	194		anhydrite
194	220		red bed
220	259		blue shale
259	285		anhydrite
285	340		red bed, gyp, and anhydrite
340	345		blue shale
345	371		red bed
371	400		potash
400	405		brown shale
405	425		anhydrite
425	515		salt
515	518		shale, anhydrite
518	543		salt
543	565		anhydrite
565	583		lime
583	635		anhydrite
635	645		brown lime

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
45	722		anhydrite
22	736		sand
36	738		white lime
38	763		sand
63	850		lime
50	866		anhydrite and sand
66	872		anhydrite and lime
72	909 T D		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 were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size 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 bailing.

7 5/8" casing cemented at 907' has not been perforated. Hole temporarily abandoned with gas shows at 713-751 and 850-866.

ARTESIA OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPROVED

ARTESIA DISTRICT ENGINEER

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
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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)

March 17, 1959

Well No. 1-Wright is located 660 ft. from (S) line and 2010 ft. from (W) line of sec. 27

28 27 20 South 29 East NMPM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

RECEIVED

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)

3-16-59 Leveled drilling site with bulldozer-general clean up-set 4" marker on top of 7" casing cemented in well.

Ready for inspection.

RECEIVED
MAR 19 1959
U. S. G. S.
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. Wills

Address P. O. Box 529

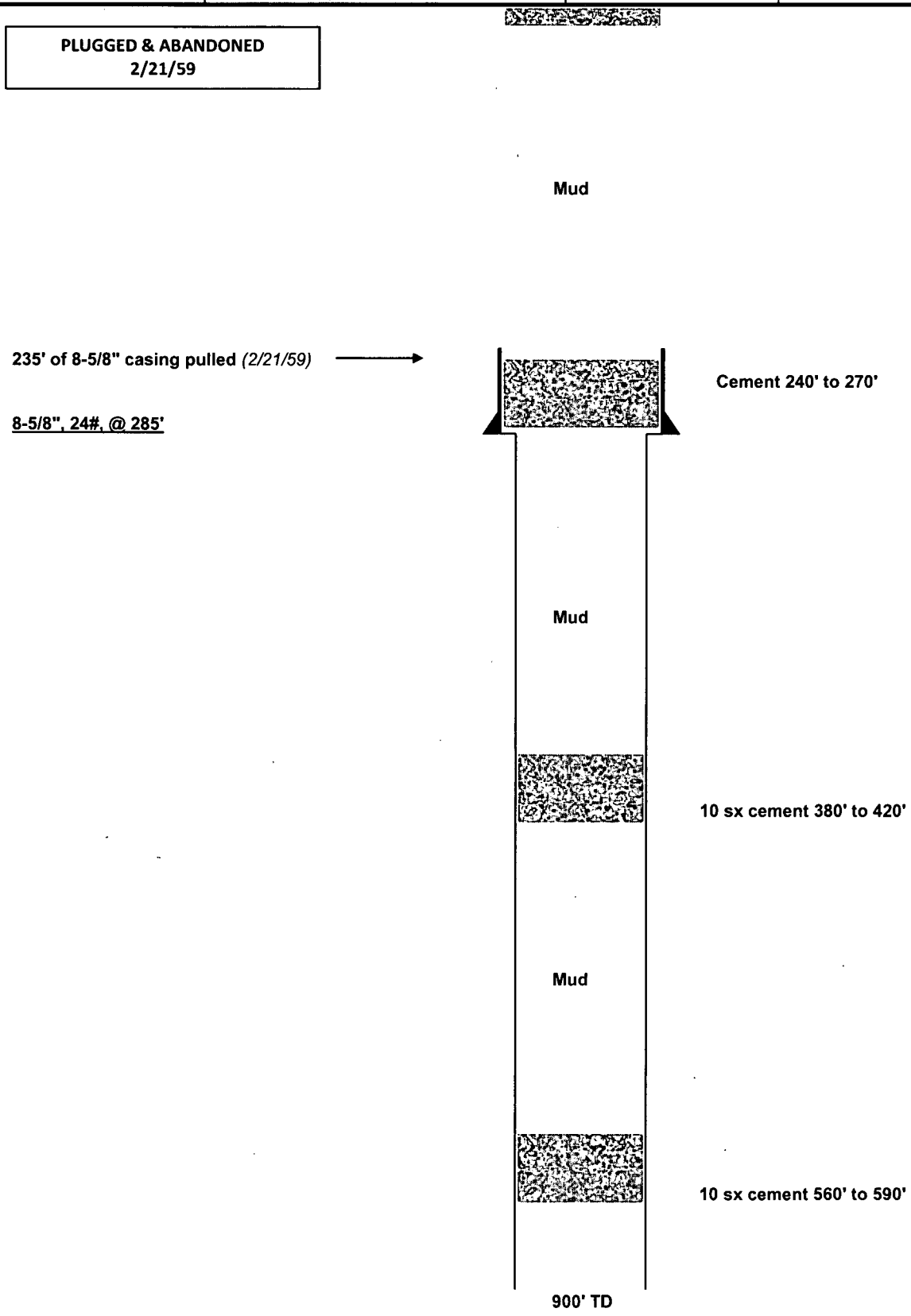
Carlsbad, New Mexico

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



Form 9-331a
(Feb. 1951)

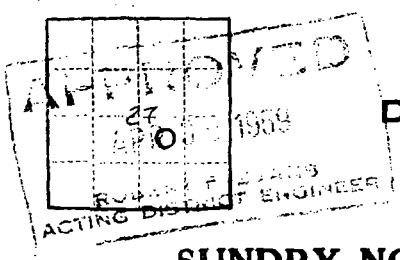
COPY TO O. C. C.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau 42-R358.3.
Approval expires 12-31-55.

Land Office Santa Fe
Lease No. L. C. 068878-A
Unit



SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL			

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

February 25, 19 59

Well No. 2, Wright is located 1980 ft. from {N/S} line and 1990 ft. from {E/W} line of sec. 27

NW¼ SE¼ (¼ Sec. and Sec. No.) | 20 South (Twp.) | 28 East (Range) | NMPM (Meridian)

Wildcat (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

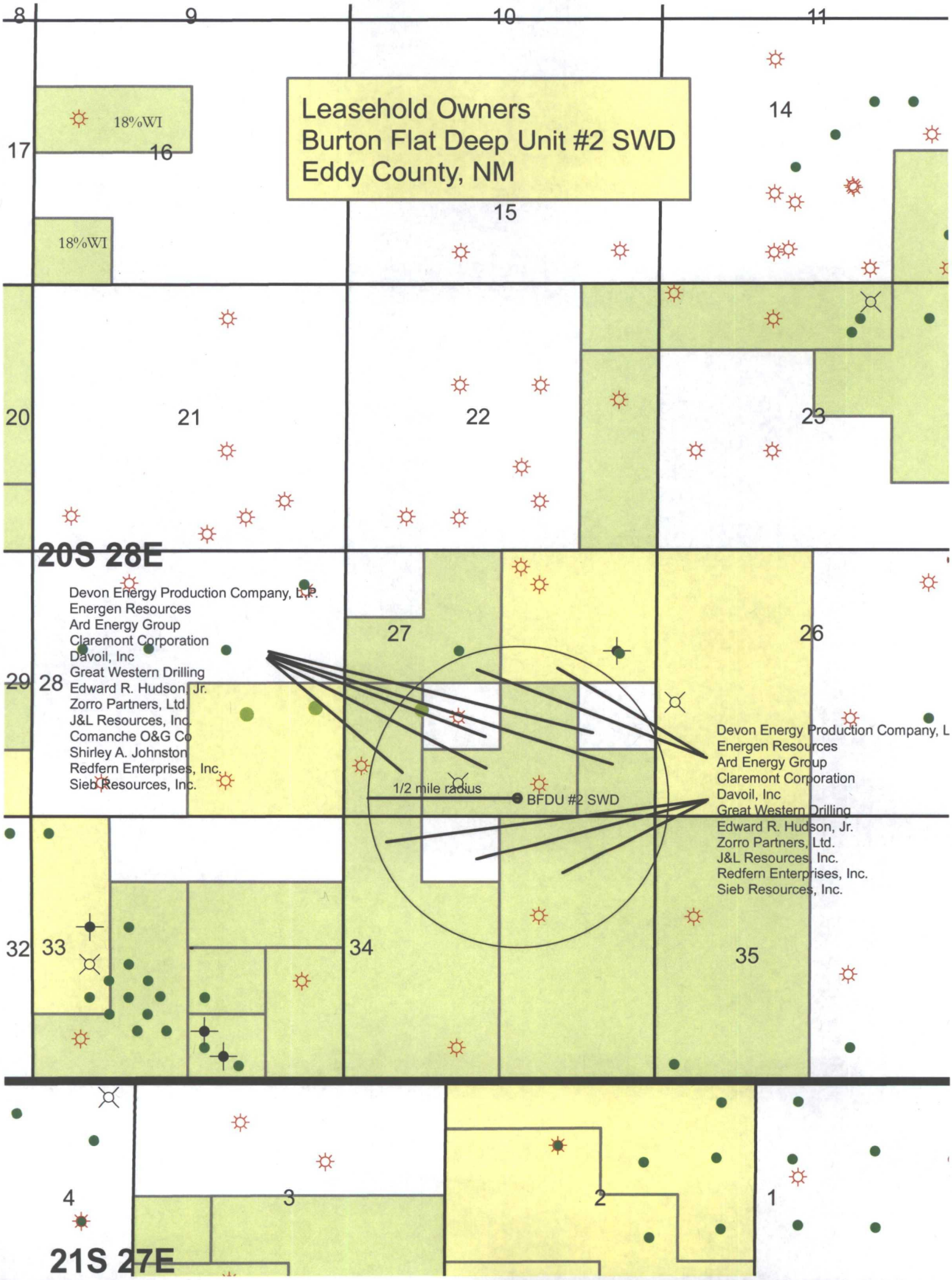
Address P. O. Box 529

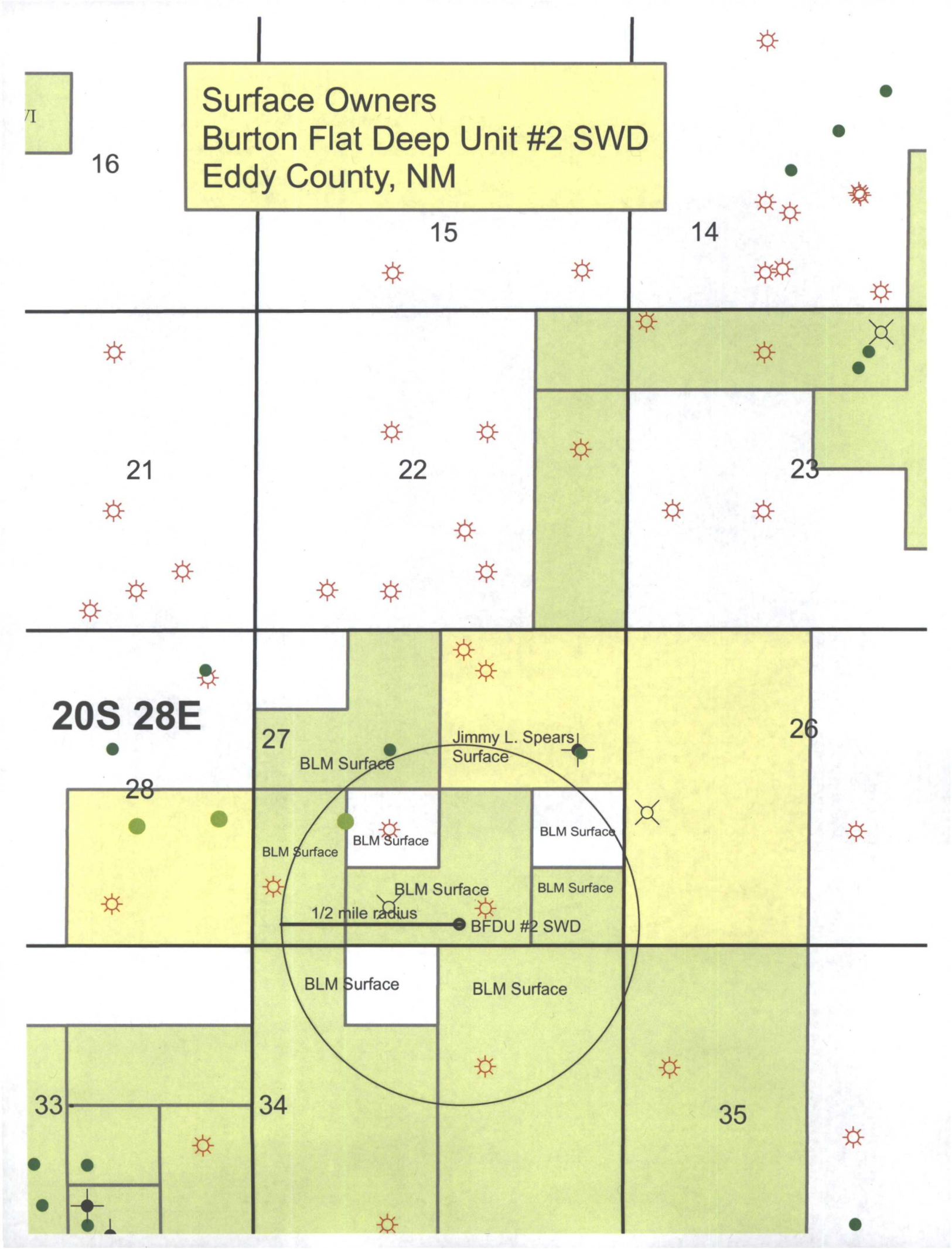
Carlsbad, New Mexico

By Robert S. Light

Title Agent

U. S. GOVERNMENT PRINTING OFFICE 16-8437-8


Leasehold Owners
Burton Flat Deep Unit #2 SWD
Eddy County, NM
18%WI
18%WI
8
9
10
11
17
16
15
14
20
21
22
23
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.
27
26
29
28
1/2 mile radius
BFDU #2 SWD
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.
32
33
34
35
4
3
2
1
21S 27E


Surface Owners
Burton Flat Deep Unit #2 SWD
Eddy County, NM
16
15
14
21
22
23
20S 28E
27
26
28
Jimmy L. Spears
Surface
BLM 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 4th, #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. 616 Texas Street Ft. Worth, TX 76102-4612	1.0004%
J&L Resources, Inc. 310 Morton Street, Suite 160 Richmond, TX 77469	.1808%
Redfern Enterprises, Inc. P.O. Box 2127 Midland, TX 79702-2127	.3511%
Sieb Resources, Inc. P.O. 1107 Richmond, TX 77046	.1808%

Section 27: S/2

Devon Energy Production Company, L.P. 333 W. Sheridan Avenue Oklahoma City OK 73102	78.79%
Energen Resources Corporation 605 Richard Arrington, Jr. Blvd. N Birmingham, Alabama 35203-2707	4.77%
Claremont Corporation P.O. Box 549 Claremore, OK 74017	.033%
Davoil, Inc. P.O. Box 122269 Ft. Worth, TX 76121-2269	.233%
Ard Energy Group 222 West 4th, #4-5 Ft. Worth, TX 76102-4612	.875%
Great Western Drilling, Inc. P.O. Box 1659 Midland, TX 79702	.424%

Edward R. Hudson, Jr. 616 Texas Street Ft. Worth, Texas 76102-4612	.875%
Zorro Partners, Ltd. 616 Texas Street Ft. Worth, TX 76102-4612	.875%
J&L Resources, Inc. 310 Morton Street, Suite 160 Richmond, TX 77469	.158%
Redfern Enterprises, Inc. P.O. Box 2127 Midland, TX 79702-2127	.307%
Sieb Resources, Inc. P.O. 1107 Richmond, TX 77046	.158%
Comanche O&G Co. 505 N. Big Spring, Suite 303 Midland, TX 79701	10.00%
Shirley A. Johnston P.O. Box 1824 Midland, TX 79701	2.5%

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 9307

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

Certified receipt No.
7008-1830-0002-7421-6719

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

Certified receipt No.
7008-1830-0002-7421-9284

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

Certified receipt No.
7008-1830-0002-7421-9277

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

Certified receipt No.
7008-1830-0002-7421-9093

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

Certified receipt No.
7008-1830-0002-7421-9086

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

Certified receipt No.
7008-1830-0002-7421-9079

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

Certified receipt No.
7008-1830-0002-7421-6917

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

Certified receipt No.
7008-1830-0002-7421-6948

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

Certified receipt No.
7008-1830-0002-7421-6955

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

Certified receipt No.
7008-1830-0002-7421-6962

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

Certified receipt No.
7008-1830-0002-7421-6702

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: 03/21/2013

Signature: _____ Date: 03/21/2013

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

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.

Certified receipt No.
7008 1830 0002 7421 9314

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

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: 03/21/2013

Signature: _____ Date: 03/21/2013

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

Burton Flat Deep Unit SWD 1
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	
Sampling Date:	11/29/2012
Analysis Date:	12/10/2012
Analyst:	LEAH DURAN
TDS (mg/l or g/m3):	207014.4
Density (g/cm3, tonne/m3):	1.143
Anion/Cation Ratio:	1
Carbon Dioxide:	300 PPM
Oxygen:	
Comments:	

Analysis of Sample 632687 @ 75 ℉

Anions	mg/l	meq/l	Cations	mg/l	meq/l
Chloride:	**127509.0**	**3596.56**	**Sodium:**	**49363.9**	**2147.21**
Bicarbonate:	**183.0**	**3.**	**Magnesium:**	**3612.0**	**297.14**
Carbonate:	**0.0**	**0.**	**Calcium:**	**23129.0**	**1154.14**
Sulfate:	**1724.0**	**35.89**	**Strontium:**	**623.0**	**14.22**
Phosphate:			**Barium:**	**0.5**	**0.01**
Borate:			**Iron:**	**37.0**	**1.34**
Silicate:			Potassium:	823.0	21.05
			Aluminum:		
Hydrogen Sulfide:		0 PPM	Chromium:		
pH at time of sampling:		7	Copper:		
pH at time of analysis:			Lead:		
pH used in Calculation:		**7**	Manganese:	10.000	0.36
			Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite $CaCO_3$		Gypsum $CaSO_4*2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$		CO_2 Press
℉	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
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.

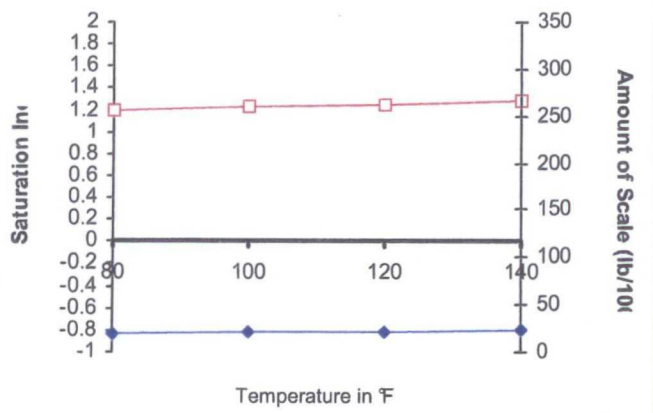
Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

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

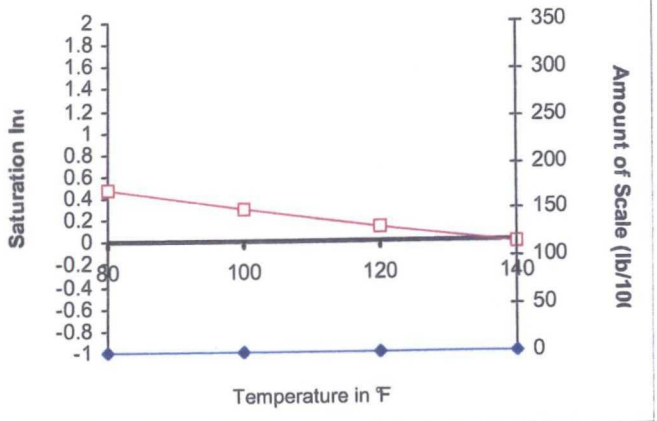
Scale Predictions from Baker Petrolite

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

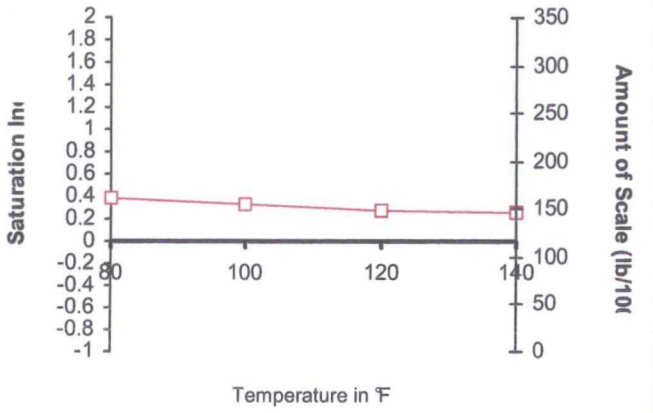
Calcite - CaCO3



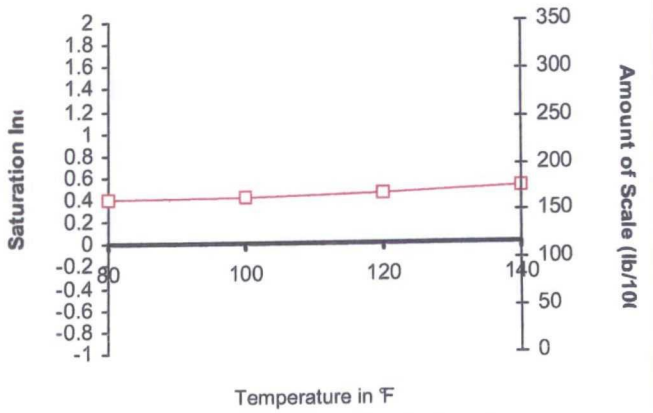
Barite - BaSO4



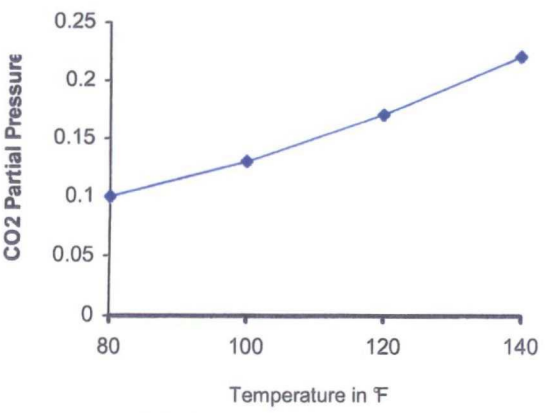
Gypsum - CaSO4*2H20



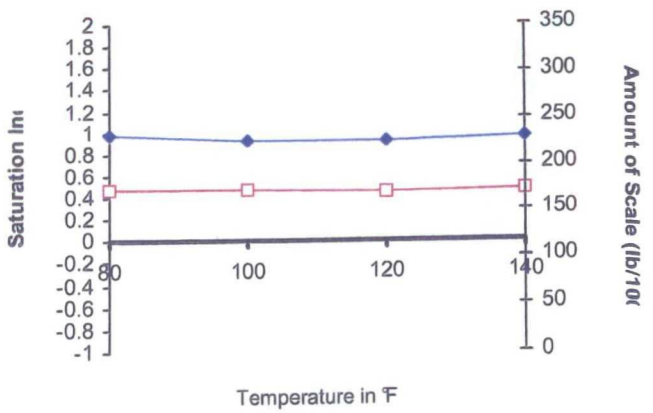
Anhydrite - CaSO4



Carbon Dioxide Partial Pressure



Celestite - SrSO4



Burton Flat Deep Unit SWD 1
C108 Application for Injection
Injection Water Analysis
Bone Spring Formation
Devon Energy Production Co LP

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

Water Analysis Report by Baker Petrolite

Company:	DEVON ENERGY CORPORATION	Sales RDT:	33521.1
Region:	PERMIAN BASIN	Account Manager:	GENE ROGERS (575) 910-1022
Area:	ARTESIA, NM	Sample #:	632686
Lease/Platform:	LONE TREE STATE	Analysis ID #:	127457
Entity (or well #):	1	Analysis Cost:	$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

Summary	
Sampling Date:	11/29/2012
Analysis Date:	12/10/2012
Analyst:	LEAH DURAN
TDS (mg/l or g/m3):	247633.7
Density (g/cm3, tonne/m3):	1.169
Anion/Cation Ratio:	1
Carbon Dioxide:	250 PPM
Oxygen:	
Comments:	

Analysis of Sample 632686 @ 75 °F

Anions	mg/l	meq/l	Cations	mg/l	meq/l
Chloride:	**153810.0**	**4338.42**	**Sodium:**	**56226.7**	**2445.72**
Bicarbonate:	**122.0**	**2.**	**Magnesium:**	**4572.0**	**376.11**
Carbonate:	**0.0**	**0.**	**Calcium:**	**29985.0**	**1496.26**
Sulfate:	**1084.0**	**22.57**	**Strontium:**	**828.0**	**18.9**
Phosphate:			**Barium:**	**1.0**	**0.01**
Borate:			**Iron:**	**18.0**	**0.65**
Silicate:			Potassium:	978.0	25.01
			Aluminum:		
Hydrogen Sulfide:		0 PPM	Chromium:		
pH at time of sampling:		7	Copper:		
pH at time of analysis:			Lead:		
pH used in Calculation:		**7**	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 $CaSO_4 \cdot 2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$		CO_2 Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	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.

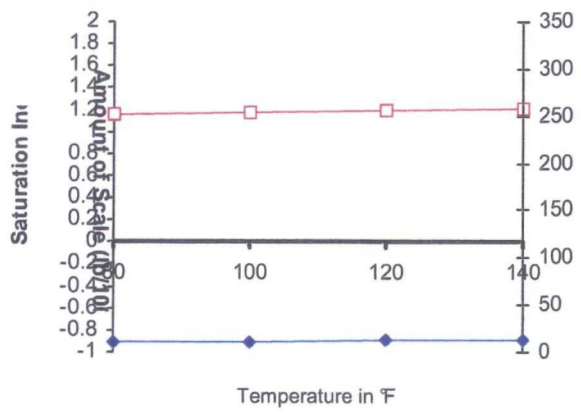
Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

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

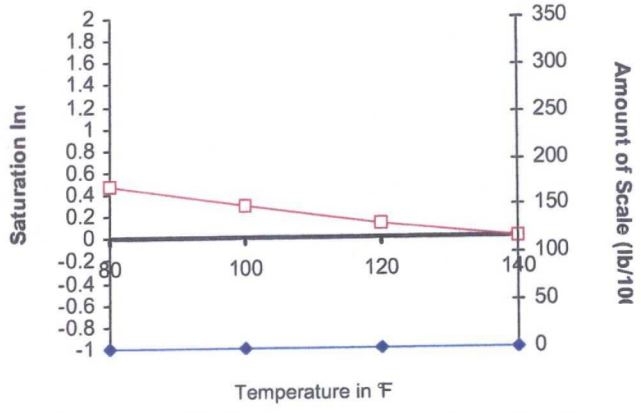
Scale Predictions from Baker Petrolite

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

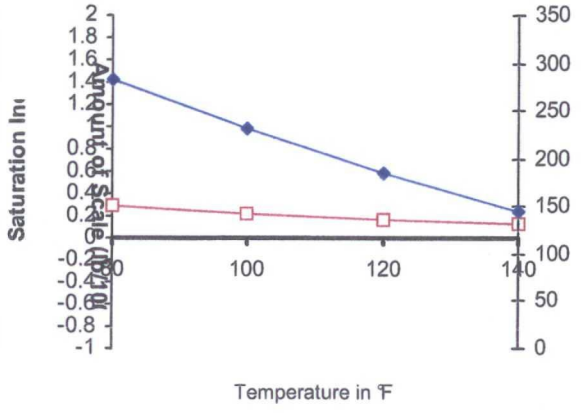
Calcite - CaCO3



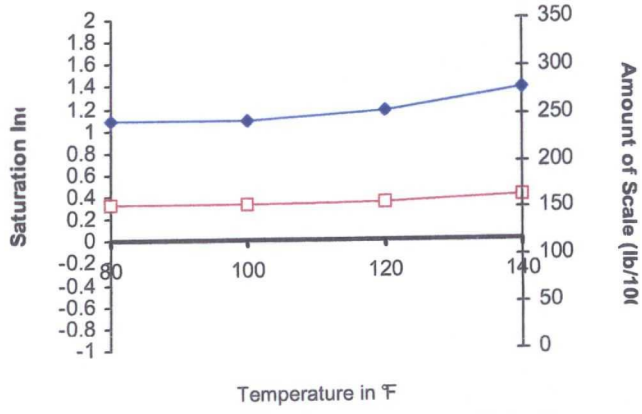
Barite - BaSO4



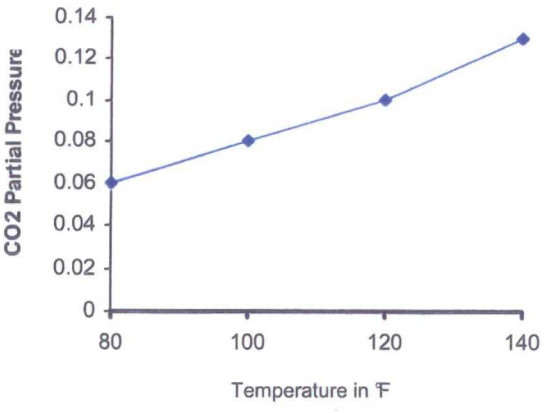
Gypsum - CaSO4*2H20



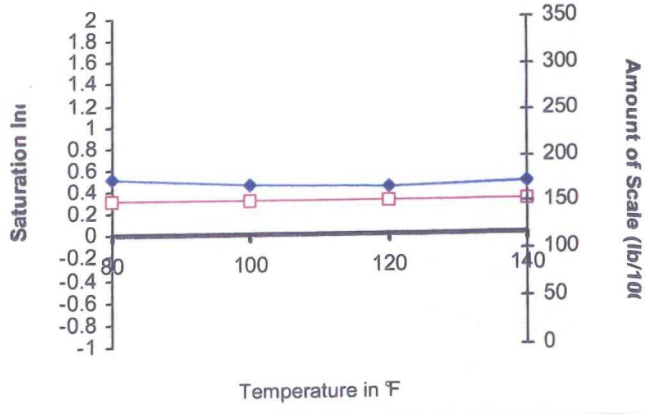
Anhydrite - CaSO4



Carbon Dioxide Partial Pressure



Celestite - SrSO4



Burton Flat Deep Unit SWD 1
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	
Sampling Date:	11/29/2012
Analysis Date:	12/10/2012
Analyst:	LEAH DURAN
TDS (mg/l or g/m3):	244966.1
Density (g/cm3, tonne/m3):	1.168
Anion/Cation Ratio:	1
Carbon Dioxide:	300 PPM
Oxygen:	
Comments:	

Analysis of Sample 632688 @ 75 °F

Anions	mg/l	meq/l	Cations	mg/l	meq/l
Chloride:	**151976.0**	**4286.69**	**Sodium:**	**57796.1**	**2513.99**
Bicarbonate:	**122.0**	**2.**	**Magnesium:**	**4316.0**	**355.05**
Carbonate:	**0.0**	**0.**	**Calcium:**	**28034.0**	**1398.9**
Sulfate:	**1013.0**	**21.09**	**Strontium:**	**782.0**	**17.85**
Phosphate:			**Barium:**	**1.0**	**0.01**
Borate:			**Iron:**	**19.0**	**0.69**
Silicate:			Potassium:	898.0	22.97
			Aluminum:		
Hydrogen Sulfide:		0 PPM	Chromium:		
pH at time of sampling:		7	Copper:		
pH at time of analysis:			Lead:		
pH used in Calculation:		**7**	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 $CaSO_4 \cdot 2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$		CO_2 Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	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.

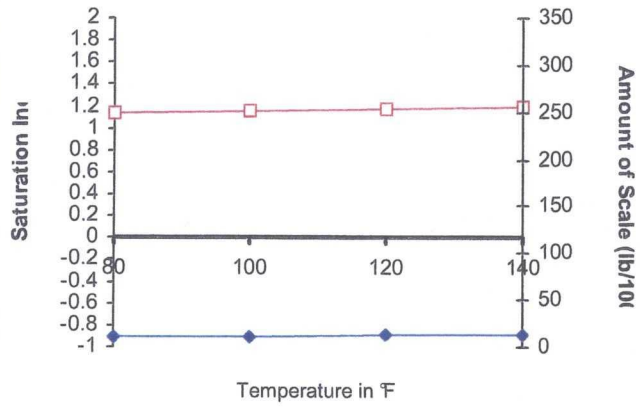
Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

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

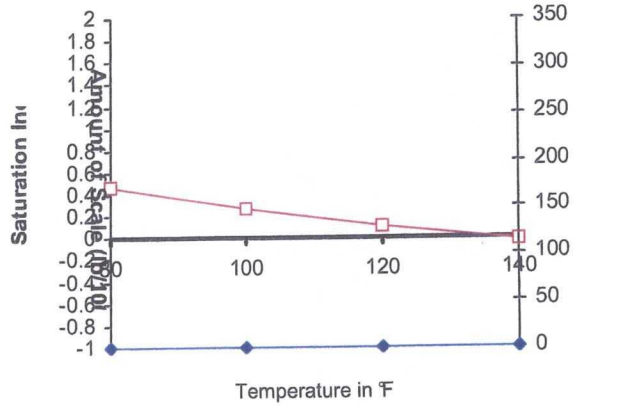
Scale Predictions from Baker Petrolite

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

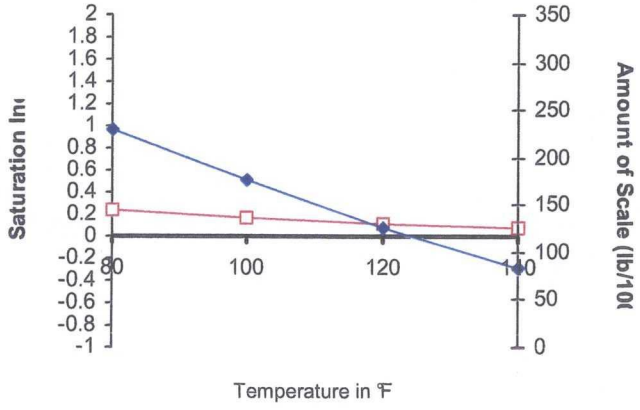
Calcite - CaCO3



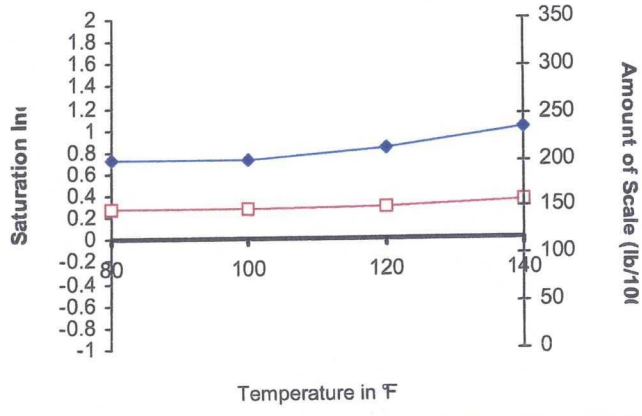
Barite - BaSO4



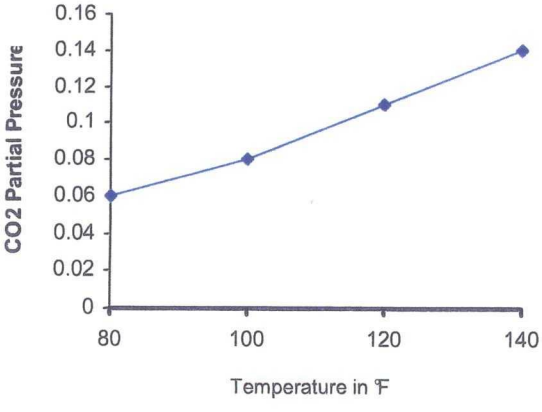
Gypsum - CaSO4*2H20



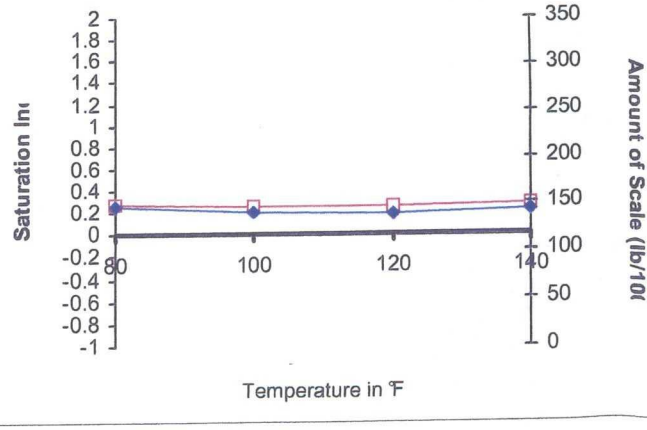
Anhydrite - CaSO4

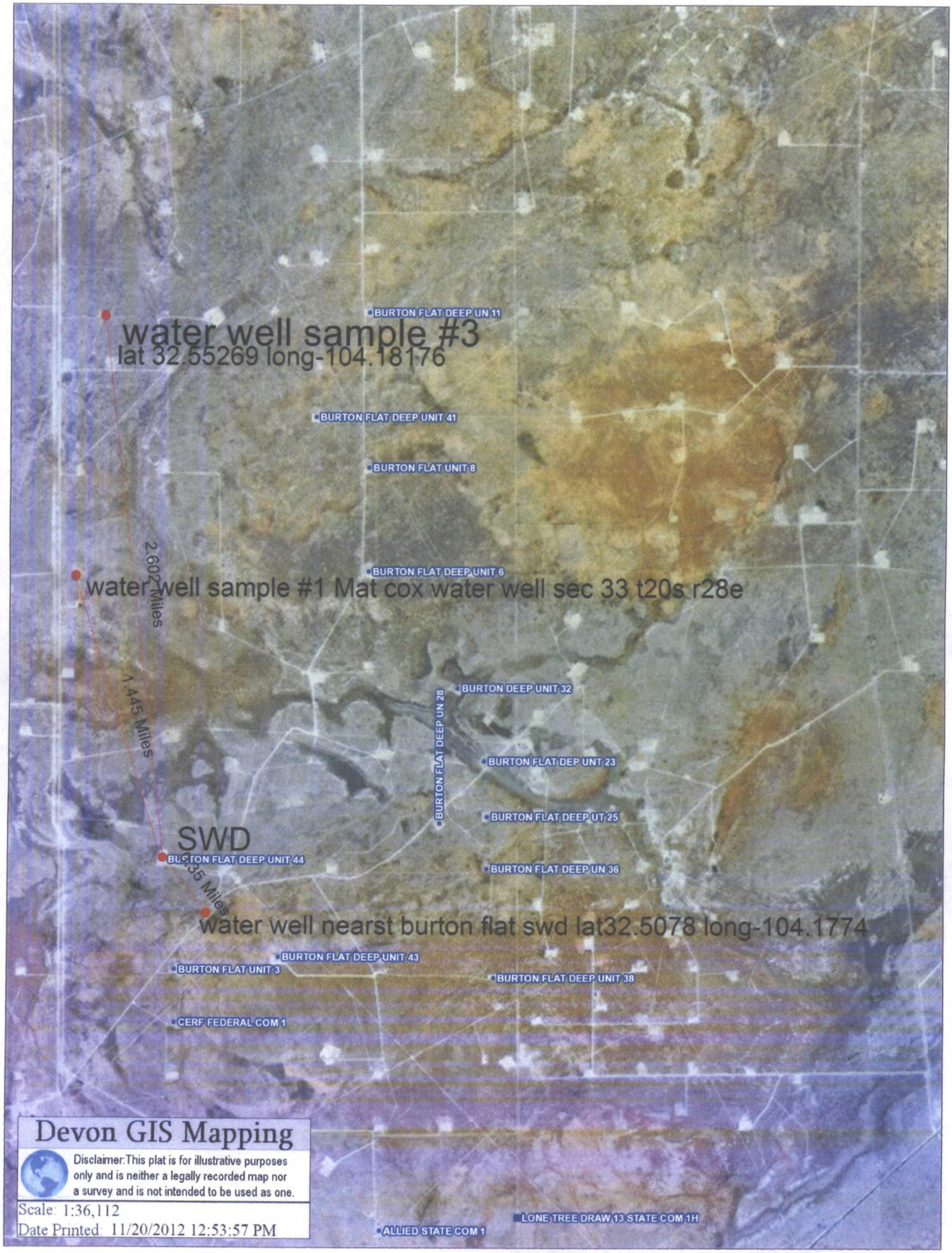


Carbon Dioxide Partial Pressure



Celestite - SrSO4




water well sample #3
lat 32.55269 long-104.18176
BURTON FLAT DEEP UN 11
BURTON FLAT DEEP UNIT 41
BURTON FLAT UNIT 8
BURTON FLAT DEEP UNIT 6
water well sample #1 Mat cox water well sec 33 t20s r28e
2.602 Miles
1.445 Miles
BURTON DEEP UNIT 32
BURTON FLAT DEEP UN 28
BURTON FLAT DEP UNT 23
BURTON FLAT DEEP UT 25
SWD
BURTON FLAT DEEP UNIT 44
BURTON FLAT DEEP UN 36
water well nearst burton flat swd lat32.5078 long-104.1774
BURTON FLAT DEEP UNIT 43
BURTON FLAT UNIT 3
BURTON FLAT DEEP UNIT 38
CERF FEDERAL COM 1
LONE TREE DRAW 13 STATE COM 1H
ALLIED STATE COM 1
Devon GIS Mapping
Disclaimer:This plat 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

Burton Flat Deep Unit SWD #1
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	
Sampling Date:	11/23/2012
Analysis Date:	12/19/2012
Analyst:	LEAH DURAN
TDS (mg/l or g/m3):	4028.9
Density (g/cm3, tonne/m3):	1.004
Anion/Cation Ratio:	1.0000002
Carbon Dioxide:	
Oxygen:	
Comments:	

Analysis of Sample 578329 @ 75 °F

Anions	mg/l	meq/l	Cations	mg/l	meq/l
Chloride:	**414.0**	**11.68**	**Sodium:**	**504.5**	**21.95**
Bicarbonate:	**146.4**	**2.4**	**Magnesium:**	**121.0**	**9.95**
Carbonate:	**0.0**	**0.**	**Calcium:**	**561.0**	**27.99**
Sulfate:	**2245.0**	**46.74**	**Strontium:**	**9.5**	**0.22**
Phosphate:			**Barium:**	**0.1**	**0.**
Borate:			**Iron:**	**0.4**	**0.01**
Silicate:			Potassium:	27.0	0.69
			Aluminum:		
Hydrogen Sulfide:		0 PPM	Chromium:		
pH at time of sampling:		6.2	Copper:		
pH at time of analysis:			Lead:		
pH used in Calculation:		**6.2**	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 $CaSO_4*2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$		CO_2 Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	-0.84	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.

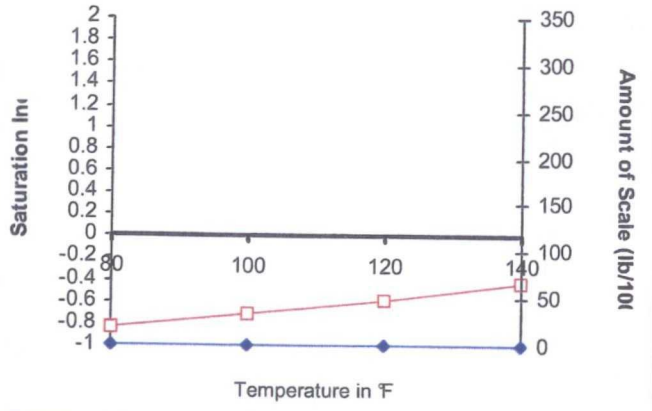
Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

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

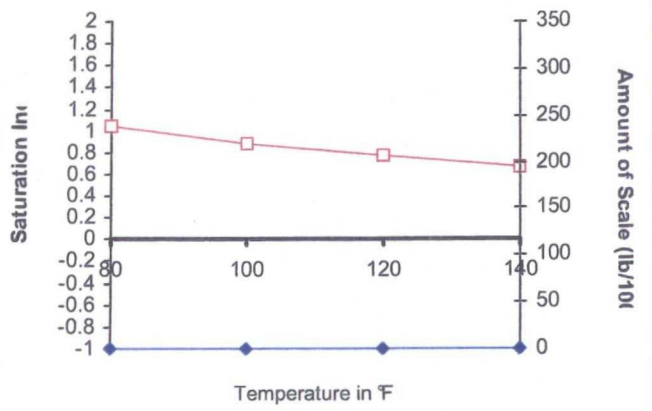
Scale Predictions from Baker Petrolite

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

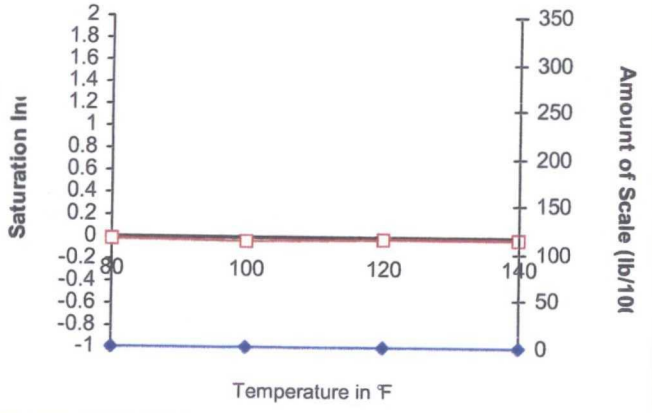
Calcite - CaCO3



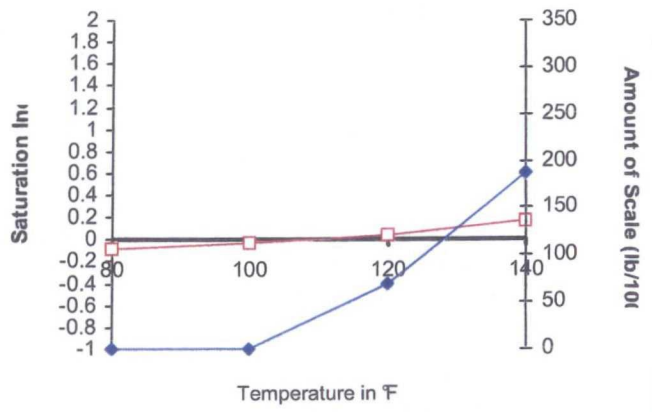
Barite - BaSO4



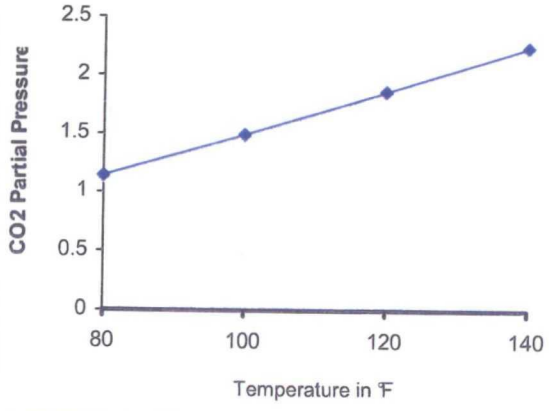
Gypsum - CaSO4*2H20



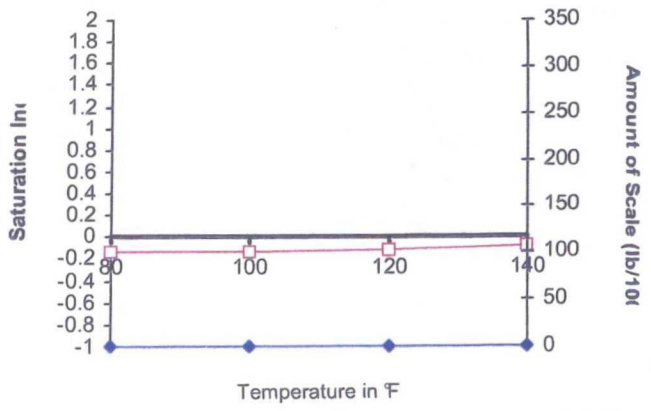
Anhydrite - CaSO4



Carbon Dioxide Partial Pressure



Celestite - SrSO4



Burton Flat Deep Unit SWD 1
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	
Sampling Date:	11/23/2012
Analysis Date:	12/19/2012
Analyst:	LEAH DURAN
TDS (mg/l or g/m3):	3852.2
Density (g/cm3, tonne/m3):	1.003
Anion/Cation Ratio:	0.9999997
Carbon Dioxide:	0 PPM
Oxygen:	
Comments:	

Analysis of Sample 578330 @ 75 °F

Anions	mg/l	meq/l	Cations	mg/l	meq/l
Chloride:	**444.0**	**12.52**	**Sodium:**	**501.9**	**21.83**
Bicarbonate:	**122.0**	**2.**	**Magnesium:**	**114.0**	**9.38**
Carbonate:	**0.0**	**0.**	**Calcium:**	**541.0**	**27.**
Sulfate:	**2115.0**	**44.03**	**Strontium:**	**7.0**	**0.16**
Phosphate:			**Barium:**	**0.1**	**0.**
Borate:			**Iron:**	**0.6**	**0.02**
Silicate:			Potassium:	6.5	0.17
			Aluminum:		
Hydrogen Sulfide:		0 PPM	Chromium:		
pH at time of sampling:		6.6	Copper:		
pH at time of analysis:			Lead:		
pH used in Calculation:		**6.6**	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 $CaSO_4 * 2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$		CO_2 Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	-0.53	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

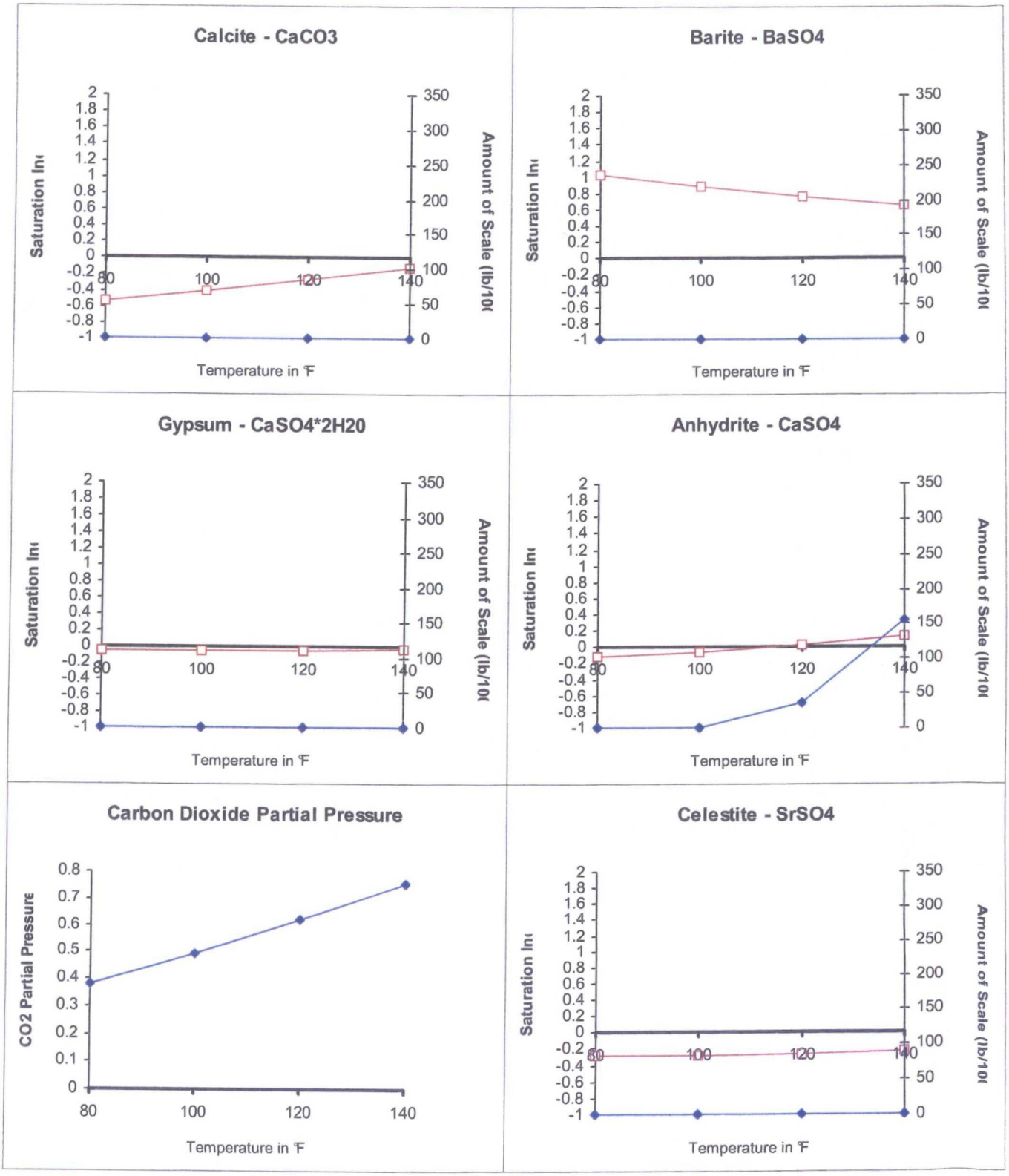
Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

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 ℉ for DEVON ENERGY CORPORATION, 12/19/2012



Burton Flat Deep Unit SWD 1
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

Sampling Date:	11/23/2012
Analysis Date:	12/19/2012
Analyst:	LEAH DURAN
TDS (mg/l or g/m3):	5336.2
Density (g/cm3, tonne/m3):	1.005
Anion/Cation Ratio:	1.0000001
Carbon Dioxide:	
Oxygen:	
Comments:	

Analysis of Sample 578328 @ 75 ℉

Anions	mg/l	meq/l	Cations	mg/l	meq/l
Chloride:	**724.0**	**20.42**	**Sodium:**	**727.0**	**31.62**
Bicarbonate:	**158.6**	**2.6**	**Magnesium:**	**211.0**	**17.36**
Carbonate:	**0.0**	**0.**	**Calcium:**	**656.0**	**32.73**
Sulfate:	**2841.0**	**59.15**	**Strontium:**	**9.0**	**0.21**
Phosphate:			**Barium:**	**0.1**	**0.**
Borate:			**Iron:**	**0.5**	**0.02**
Silicate:			Potassium:	9.0	0.23
			Aluminum:		
Hydrogen Sulfide:		0 PPM	Chromium:		
pH at time of sampling:		6.4	Copper:		
pH at time of analysis:			Lead:		
pH used in Calculation:		**6.4**	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 $CaSO_4*2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$		CO_2 Press
℉	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
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.

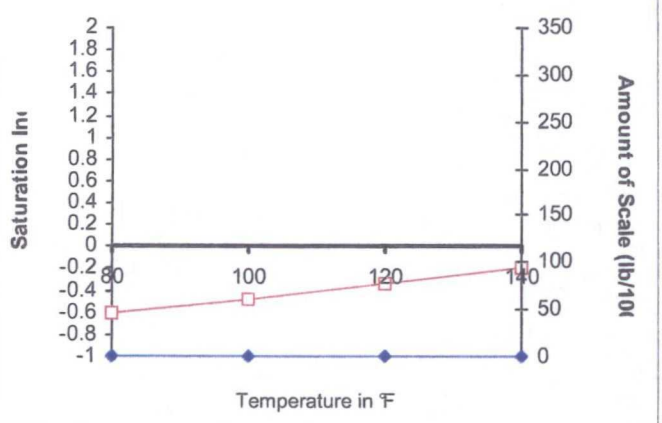
Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

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

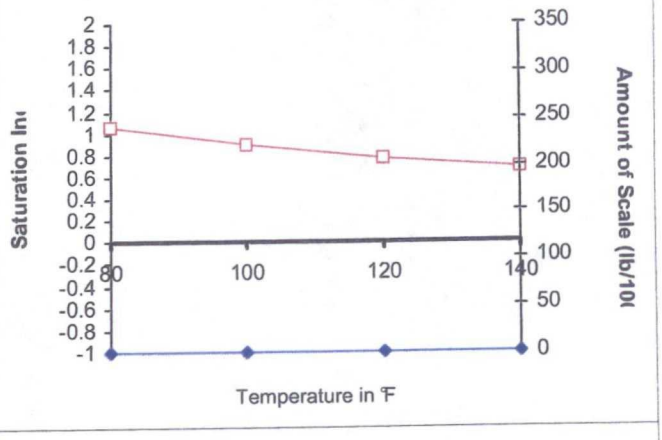
Scale Predictions from Baker Petrolite

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

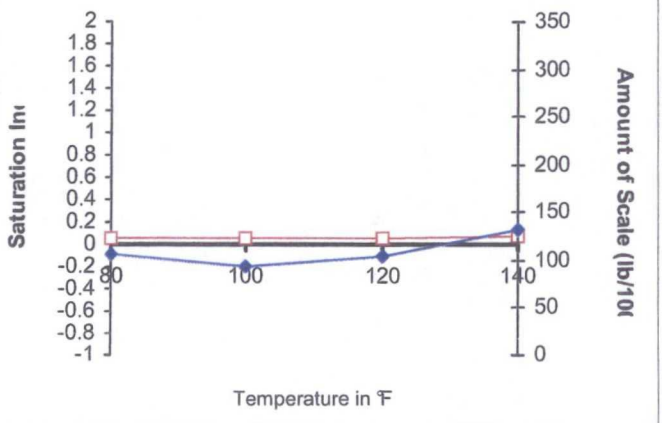
Calcite - CaCO3



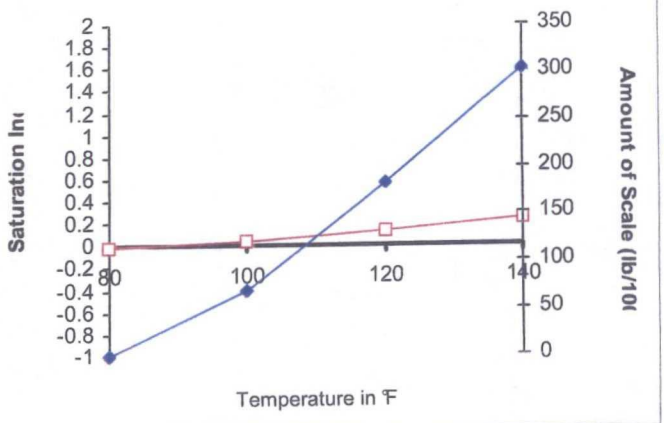
Barite - BaSO4



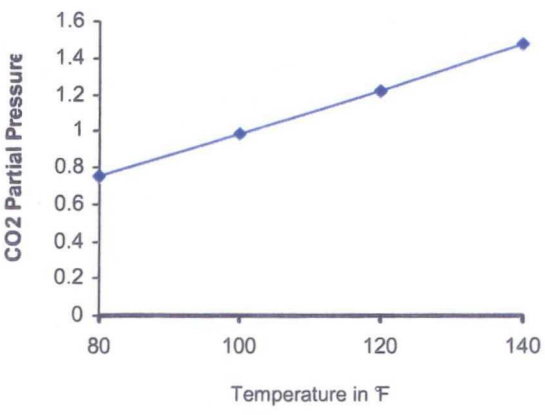
Gypsum - CaSO4*2H20



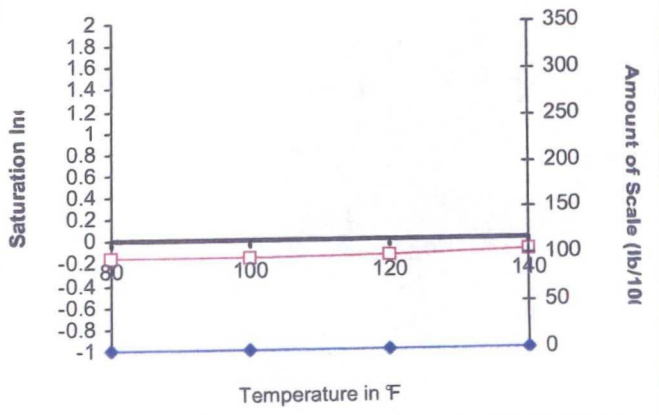
Anhydrite - CaSO4



Carbon Dioxide Partial Pressure



Celestite - SrSO4



Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

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

That she is the Classified Supervisor of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

February 15 2013

That the cost of publication is **$60.07** and that payment thereof has been made and will be assessed as court costs.

Kathy McCarroll

Subscribed and sworn to before me this

19 day of February, 2013

Cynthia Arredondo

My commission Expires on 2/13/17

Notary Public

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

February 15, 2013

Legal Notice

Devon Energy Production Company, LP, 333 West Sheridan Avenue, Oklahoma City, OK 73102-8260 has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for an injection well. The proposed well, the 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 Trevor Klaassen at Devon Energy Corporation, 333 West Sheridan Avenue, Oklahoma City, OK 73102-8260, or call (405) 552-5069.

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Form 3160-3
(March 2012)

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014

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, Allotee or Tribe Name

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
Burton Flat Deep Unit, NM 70798X

1b. Type of Well: ☐ Oil Well ☐ Gas Well ☑ Other ☐ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
Burton Flat Deep Unit SWD #2

2. Name of Operator Devon Energy Production Company, L.P.

9. API Well No.

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
120

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:

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

25. Signature Patti Riechers
Name *(Printed/Typed)* Patti Riechers
Date 03/12/2013

Title
Regulatory Specialist

Approved by *(Signature)*
Name *(Printed/Typed)*
Date

Title
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.

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)

*(Instructions on page 2)

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

State of New Mexico
Energy, Minerals & 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	[6] Well Number
	BURTON FLAT DEEP UNIT SWD	2

[7] OGRID No.	[8] Operator Name	[9] Elevation
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.	3221.3

[10] Surface Location

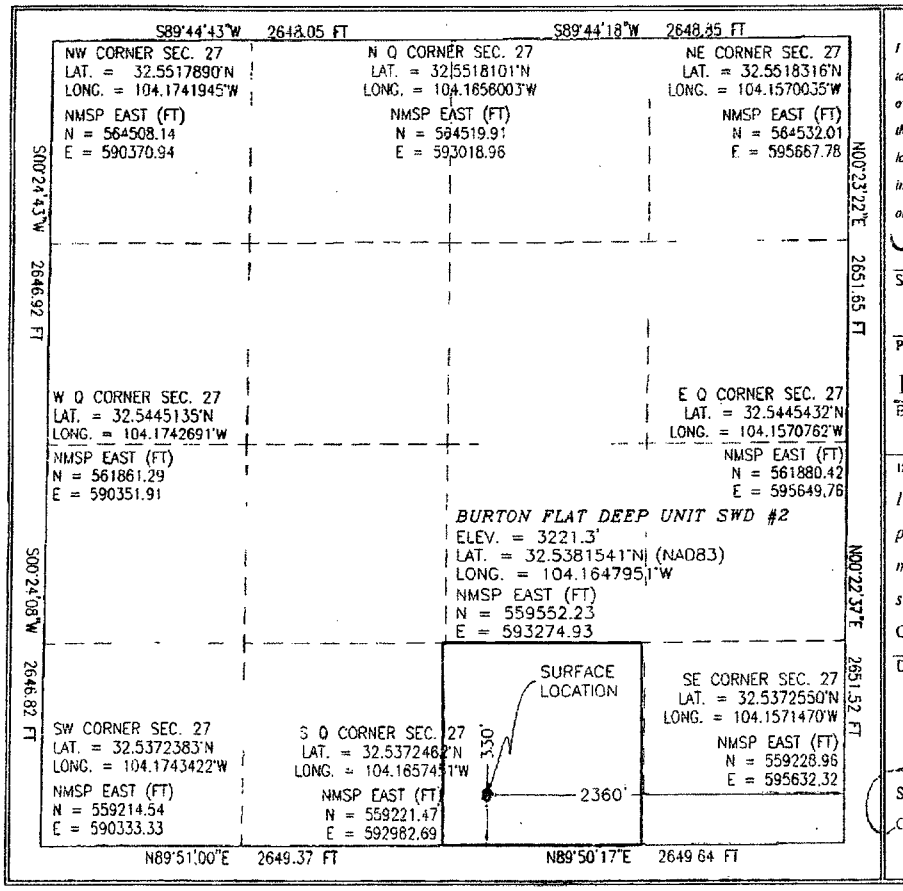
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	27	20 S	28 E		330	SOUTH	2360	EAST	EDDY

[11] Bottom Hole Location If Different From Surface

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

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
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.



[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.

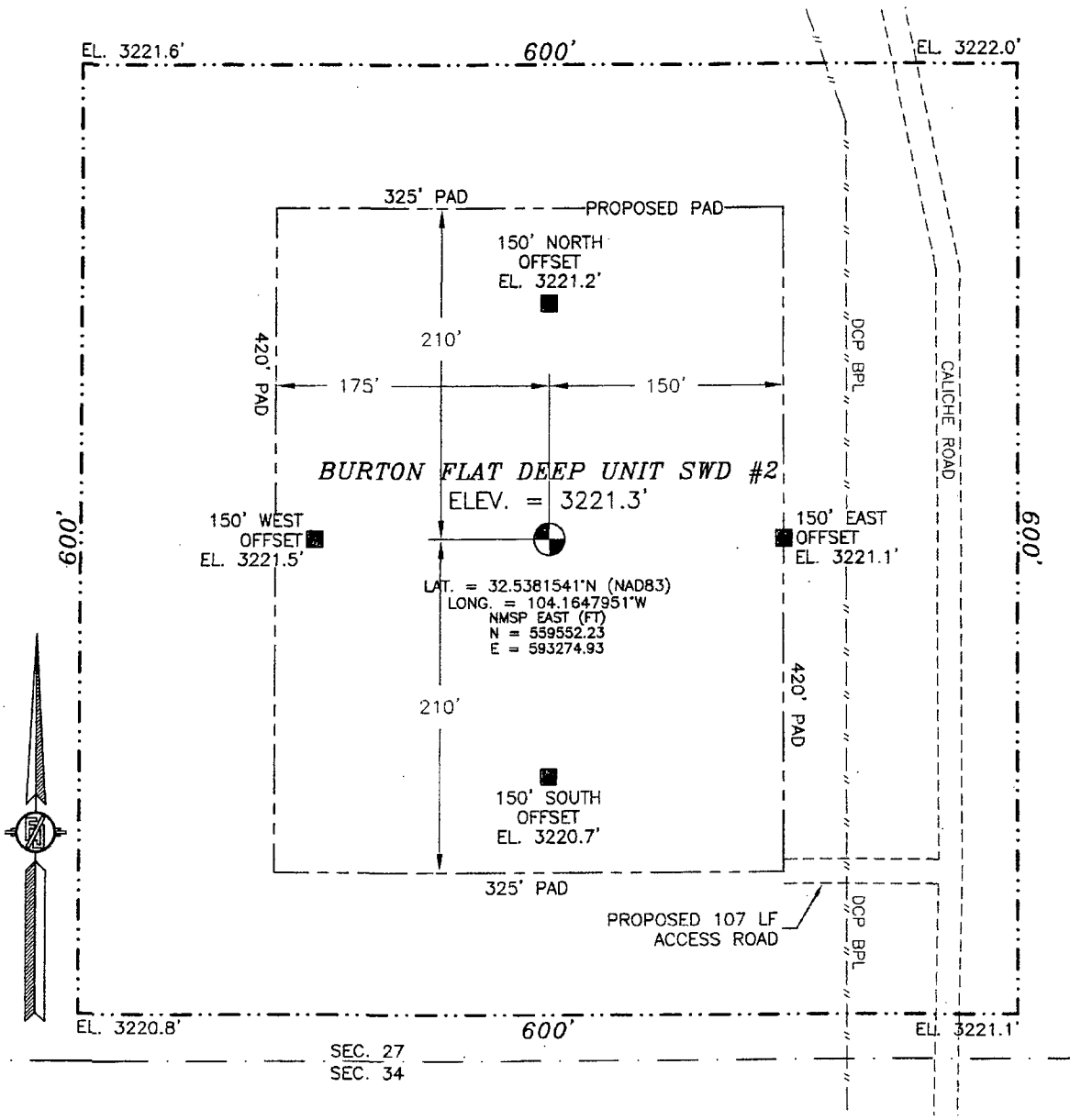
OCTOBER 15, 2012
Date of Survey

Signature and Seal of Professional Surveyor:
FILIMON F. JARAMILLO
REGISTERED PROFESSIONAL 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.

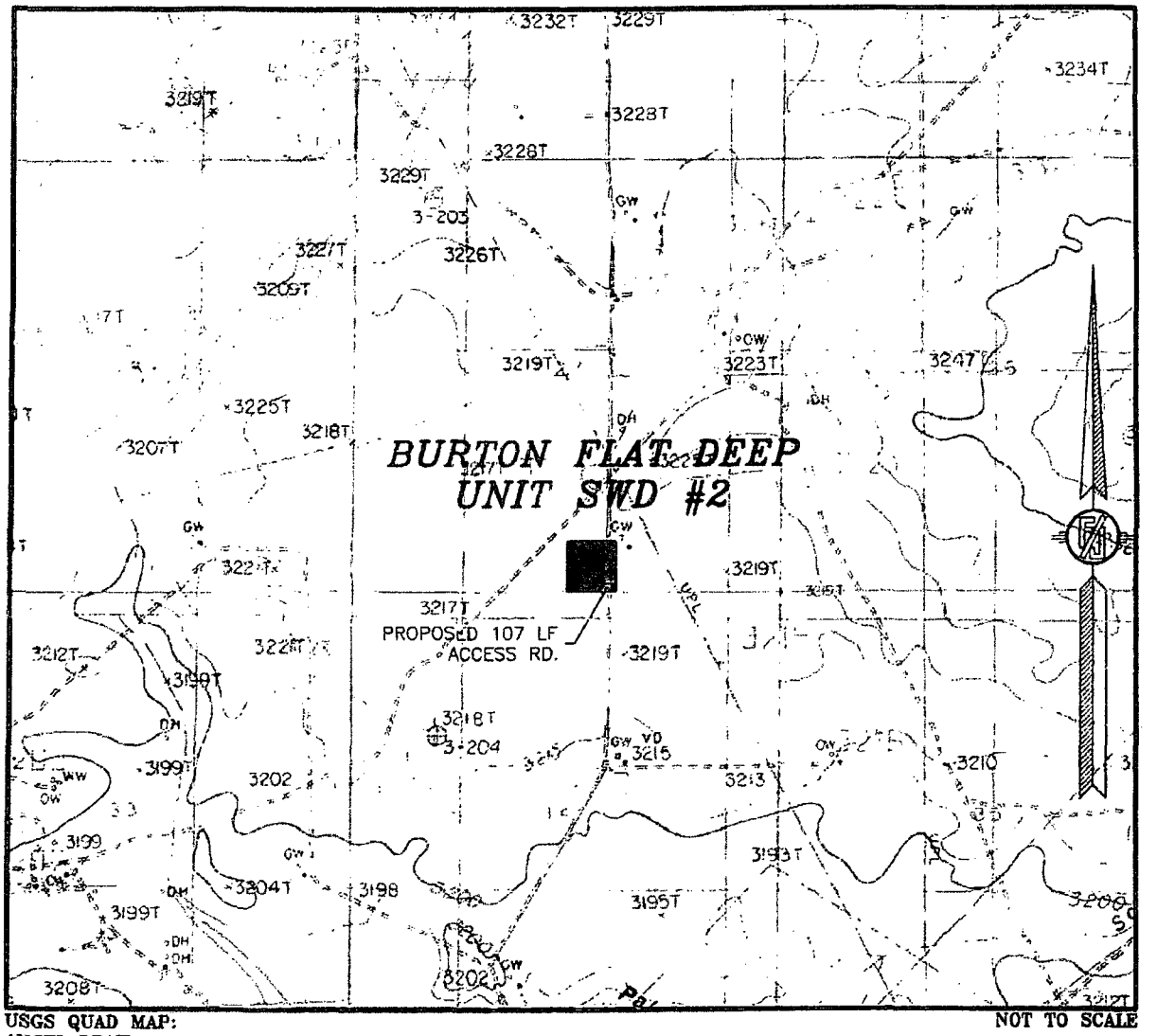
DEVON ENERGY PRODUCTION COMPANY, L.P.
BURTON FLAT DEEP UNIT SWD #2
LOCATED 330 FT. FROM THE SOUTH LINE
AND 2360 FT. FROM THE EAST LINE OF
SECTION 27, TOWNSHIP 20 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

OCTOBER 15, 2012

SURVEY NO. 1318
MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

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

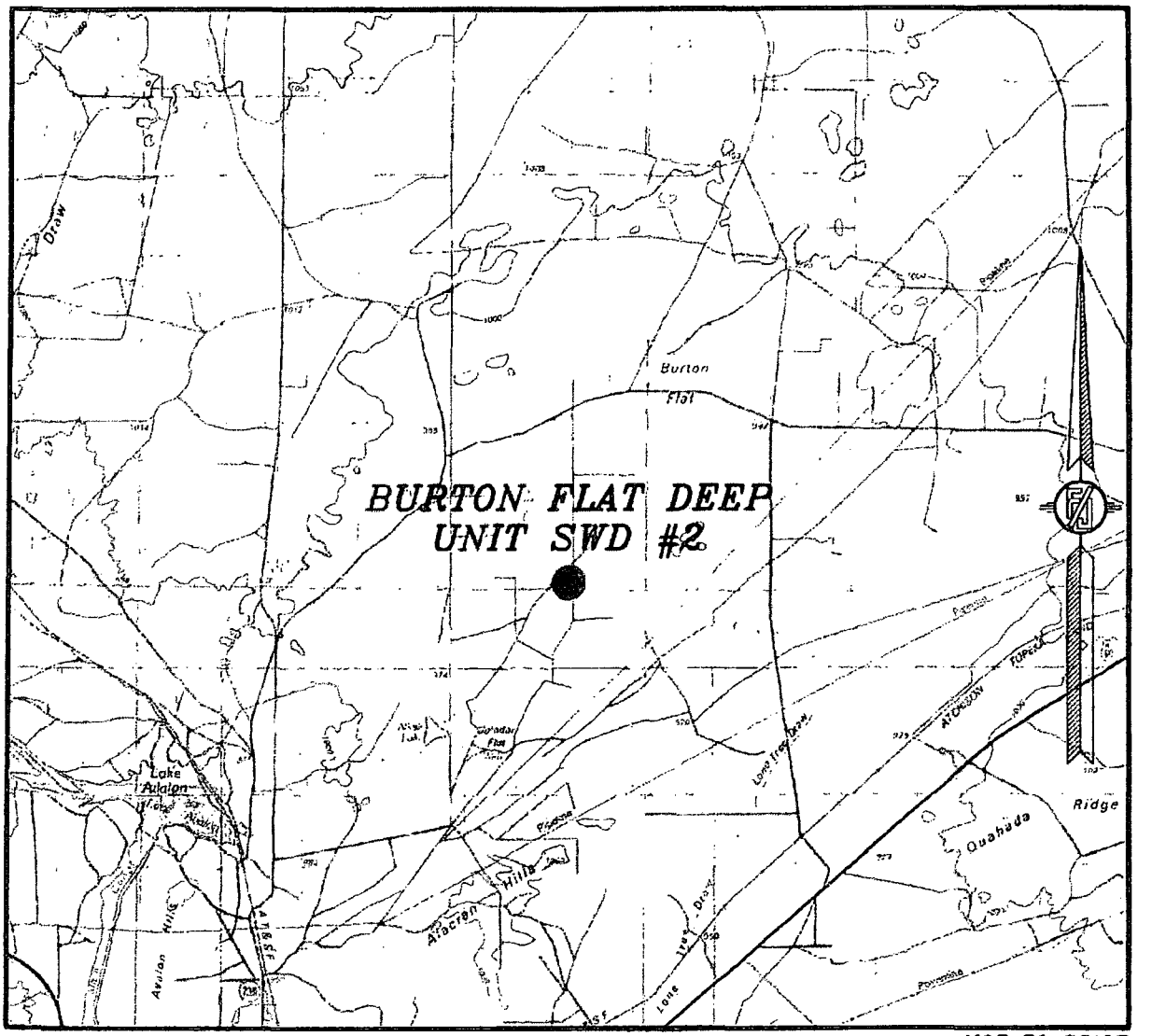
OCTOBER 15, 2012

SURVEY NO. 1318

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

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

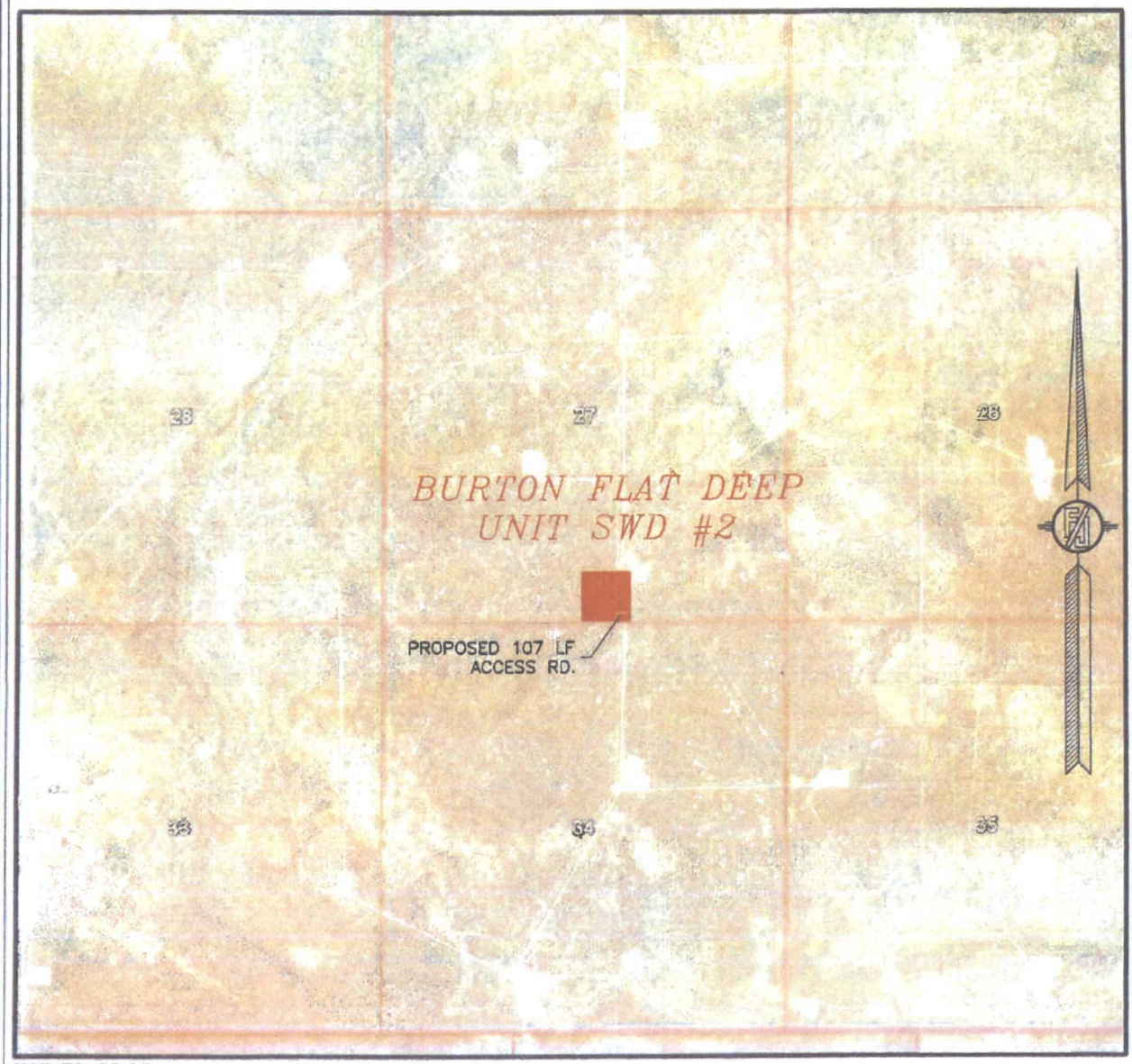
OCTOBER 15, 2012

SURVEY NO. 1318

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

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

AERIAL PHOTO



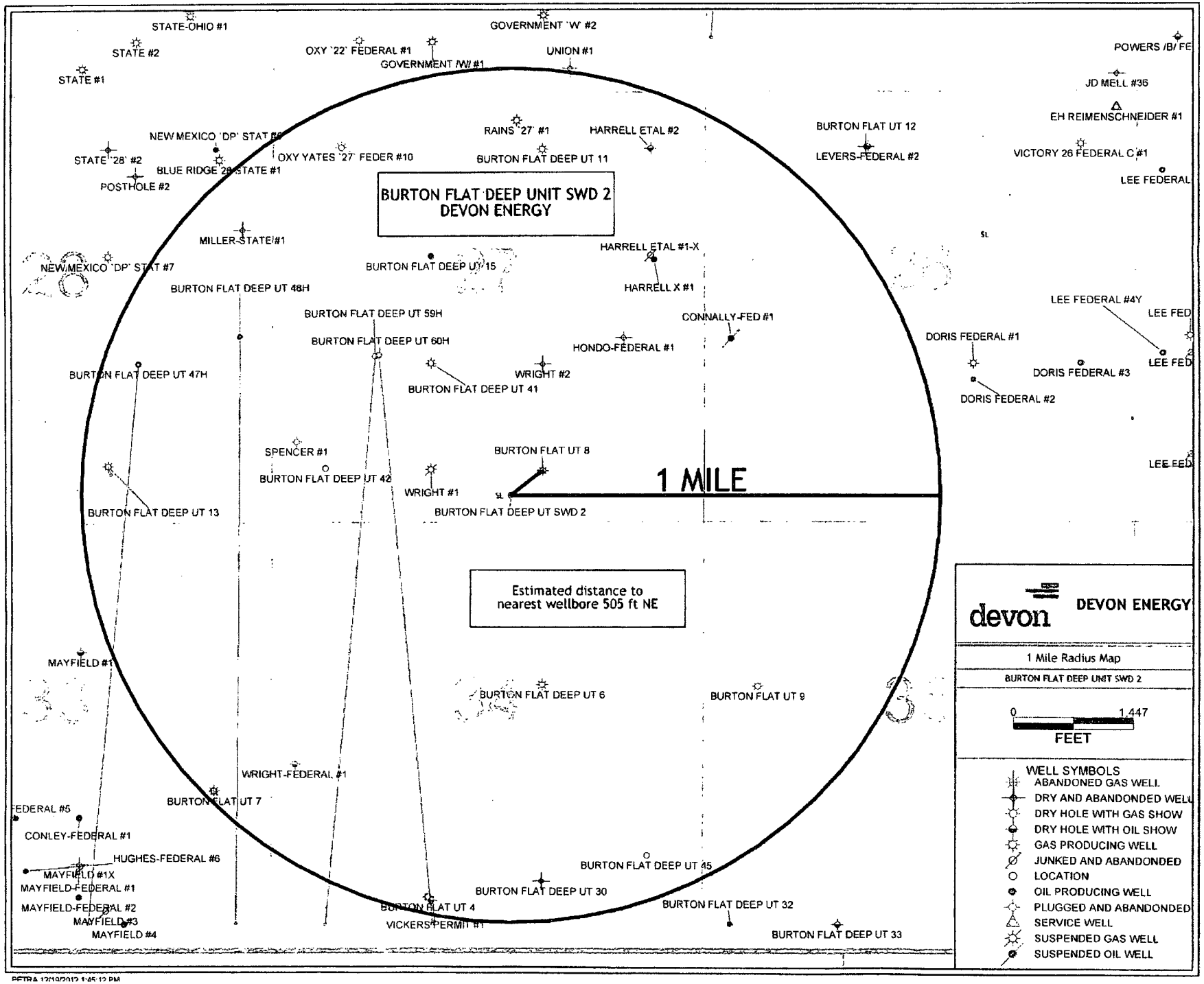
NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
JUNE 2011

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 (575) 234-3341 CARLSBAD, NEW MEXICO



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DRILLING PROGRAM

Devon Energy Production Company, LP

Burton Flat Deep Unit SWD #2

Surface Location: 330' FSL & 2360' FEL, Unit O, Sec 27 T20S R28E, Eddy, NM

1. **Geologic Name of Surface Formation**

   a. Quaternary

2. **Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas:**

a.	Rustler	Surface
b.	Fresh Water	50'
c.	Top of Salt	282'
d.	Base of Salt	446'
e.	Tansil	567'
f.	Yates	698'
g.	Seven Rivers	810'
h.	Capitan	966'
i.	Capitan Base	2486'
j.	Delaware	2992'
k.	Lower Brushy Canyon	5270'
l.	1st Bone Spring Lime	5276'
m.	1st Bone Spring Sand	6512'
n.	Wolfcamp	8831'
o.	Strawn	10024'
p.	Atoka	10468'
q.	Morrow	10935'
r.	Lower Morrow	11183'
s.	Mississippian	11373'
t.	Woodford	11614'
u.	Devonian/Silurian/Ordovician	11700'

Total Depth	13,500' MD	13,500' TVD

3. **Casing Program: (All casing is new and API approved.)**

Hole Size	Hole Interval	OD Csg	Casing Interval	Weight	Collar	Grade
26"	0 – 250	20"	0 – 250	94#	STC	J-55
17-1/2"	250 – 550	13-3/8"	0 – 550	48#	STC	H-40
12-1/4"	550 –2,500	9-5/8"	0 – 2,500	40#	LTC	J-55
8-3/4"	2,500 – 11,700	7"	2,500 – 11,700	26#	LTC	P-110
6-1/8"	11,700 – 13,500	OH	OH	OH	OH	OH

Casing Size	Collapse Design Factor	Burst Design Factor	Tension Design Factor
20"	4.44	18.03	6.30
13-3/8"	1.56	1.30	3.03
9-5/8"	1.80	2.76	4.73
7"	1.72	2.27	3.27

The maximum possible collapse load that the intermediate casing will experience will result from evacuated casing with the pore pressure exerting a collapse load at TD. There is no potential for the intermediate casing to be used as the injection string. All casing will be new and to API specification.

4. **Cement Program: (cement volumes Surface 100%/ Intermediate 50% Production based on at least 25% excess):**

20 " Conductor

Tail 700 sks. Class C Cement +2%bwoc Calcium Chloride+ 0.125 #/sk Poly-E-Flake @ 14.8 #/gal.

13-3/8" Surface

Lead: 170 sacks Class C Cement + 2% bwoc Calcium Chloride + 0.125 lbs/sack Poly-E-Flake + 4% bwoc Bentonite + 70.1% Fresh Water, 13.5 ppg

Yield: 1.75 cf/sk

TOC @ surface

Tail: 370 sacks Class C Cement + 2% bwoc Calcium Chloride + 0.125 lbs/sack Poly-E-Flake + 63.1% Fresh Water, 14.8 ppg

Yield: 1.35 cf/sk

9-5/8" Intermediate	**Lead**:385 sacks (65:35) Class C Cement:Poz (Fly Ash): + 5% bwow Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 6% bwoc Bentonite + 70.9% Fresh Water, 12.9 ppg
	Yield: 1.85 cf/sk
	TOC @ surface
	1000 ftTail: 360 sacks Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Water, 14.8 ppg
	Yield: 1.33 cf/sk
7 " Production	**Lead: 450** sacks (65:35) Class H Cement:Poz (Fly Ash) + 6% bwoc Bentonite + 0.2% bwoc HR-601 + 74.1% Fresh Water, 12.5 ppg
	Yield: 1.95 cf/sk
	Tail: 770 sacks (50:50) Class H Cement:Poz (Fly Ash) + 1 lb/sk Sodium Chloride + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.1% bwoc HR-601 + 2% bwoc Bentonite + 58.8% Fresh Water, 14.5 ppg
	Yield: 1.22 cf/sk
	TOC @ 2200 ft

5. Pressure Control Equipment

The BOP system used to drill the **17-1/2"** hole will consist of a 20" 2M Annular preventer. A 3M system will be installed and tested prior to drilling out the surface casing shoe. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2.

The BOP system used to drill the **12-1/4" and 8-3/4"** holes will consist of a 13-5/8" 3M Double Ram and Annular preventer. A 3M system will be installed prior to drilling out the casing shoe. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2.

The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP.

Devon requests a variance to use a flexible line with flanged ends between the BOP and the choke manifold (choke line); **if an H&P rig drills this well. Otherwise no flex line is needed**. The line will be kept as straight as possible with minimal turns.

6. **Proposed Mud Circulation System:**

Depth	Mud Wt.	Visc.	Fluid Loss	Type System
0 – 250	8.4 – 9.0	30 – 34	N/C	FW
250 – 550	9.8 – 10.0	28 – 32	N/C	Brine
550 – 2,500	8.4 – 9.0	28 – 30	N/C	FW
2,500– 13,500	9.8 – 10.0	28 – 32	N/C-12	Brine

The necessary mud products for weight addition and fluid loss control will be on location at all times. Visual mud monitoring equipment will be in place to detect volume changes indicating loss or gain of circulating fluid volume. If abnormal pressures are encountered, electronic/mechanical mud monitoring equipment will be installed.

7. **Auxiliary Well Control and Monitoring Equipment**:
   a. A Kelly cock will be in the drill string at all times.
   b. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.
   c. Hydrogen Sulfide detection equipment will be in operation after drilling out the 13 3/8" casing shoe until the 5 1/2" casing is cemented. Breathing equipment will be on location upon drilling the 13 3/8" shoe until total depth is reached.

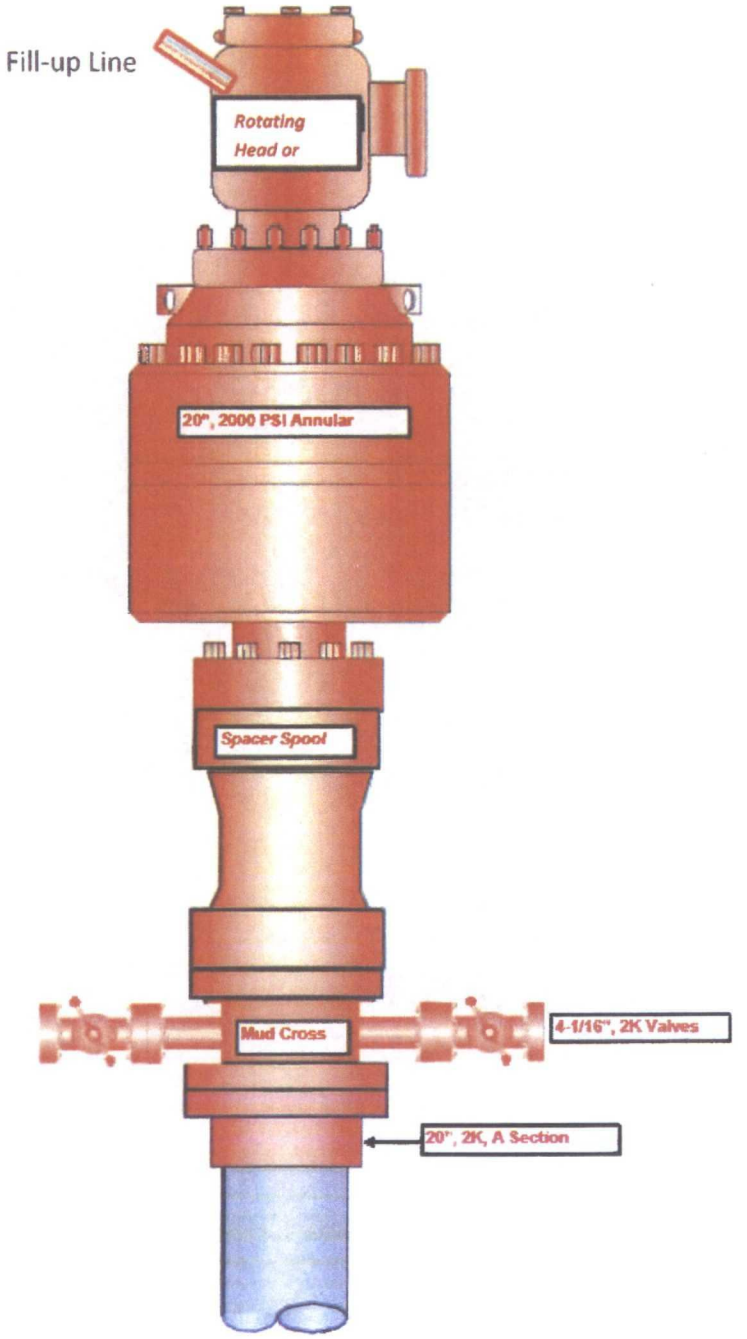
8. **Logging, Coring, and Testing Program:**
   a. Drill stem tests will be based on geological sample shows.
   b. If a drill stem test is anticipated; a procedure, equipment to be used and safety measures will be provided via sundry notice to the BLM.
   c. The open hole electrical logging program will be:
      i. Total Depth to Intermediate Casing Dual Laterolog-Micro Laterolog with SP and Gamma Ray. Compensated Neutron – Z Density log with Gamma Ray and Caliper.
      ii. Total Depth to Surface Compensated Neutron with Gamma Ray
      iii. No coring program is planned
      iv. Additional testing will be initiated subsequent to setting the 5 ½" production casing. Specific intervals will be targeted based on log evaluation, geological sample shows and drill stem tests.

9. **Potential Hazards:**
   a. No abnormal pressures or temperatures are expected. There is no known presence of H2S in this area. If H2S is encountered the operator will comply with the provisions of Onshore Oil and Gas Order No. 6 No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Estimated BHP 6,200 psi and Estimated BHT 185°. No H2S is anticipated to be encountered.

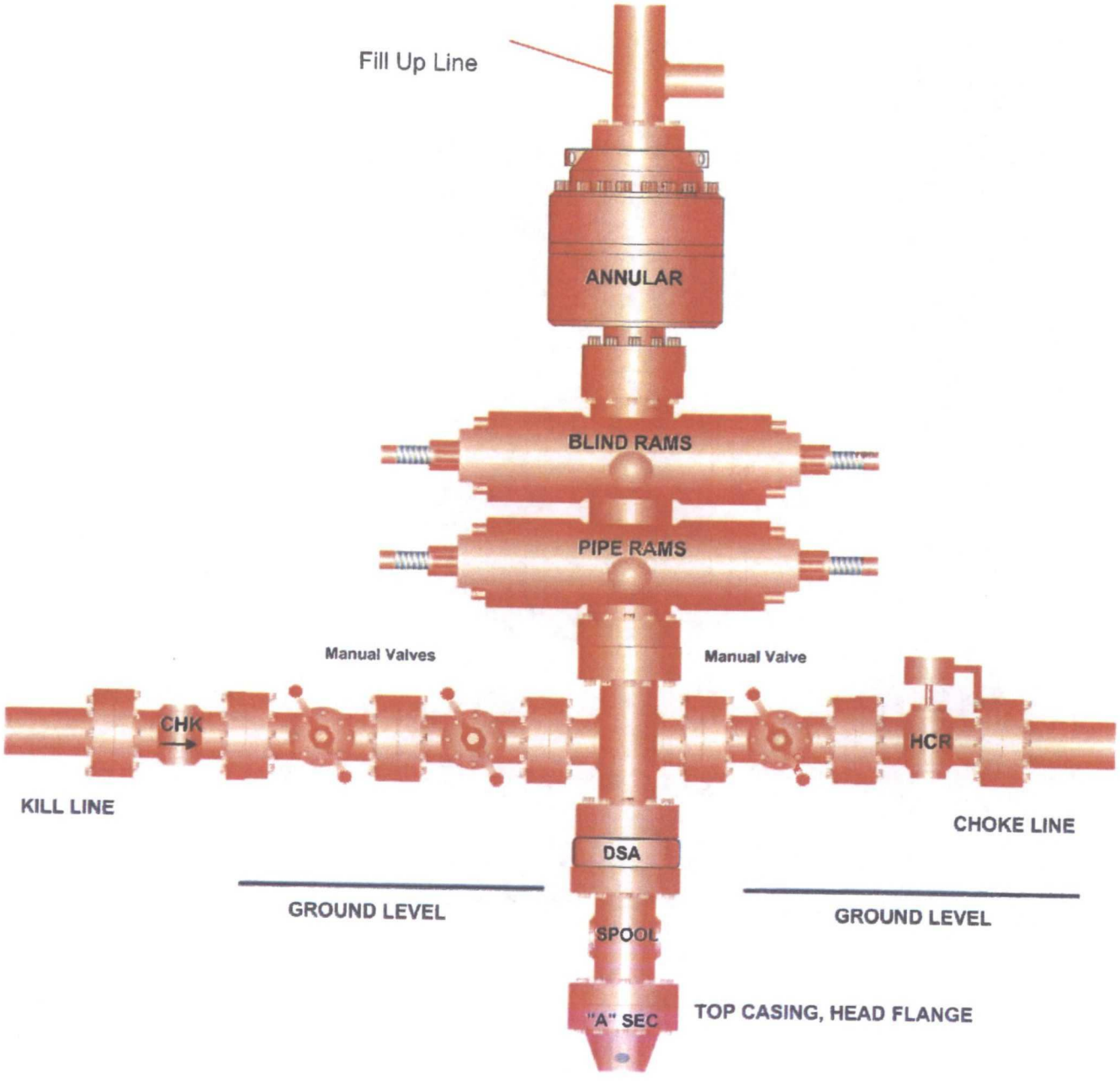
10. Anticipated Starting Date and Duration of Operations:

a. Road and location construction will begin after the BLM has approved the APD. Anticipated spud date will be as soon after BLM approval and as soon as a rig will be available. Move in operations and drilling is expected to take 32 days. If production casing is run then an additional 30 days will be needed to complete well and construct surface facilities and/or lay flow lines in order to place well on production.

20" 2K Annular



13-5/8" x 3,000 psi BOP Stack



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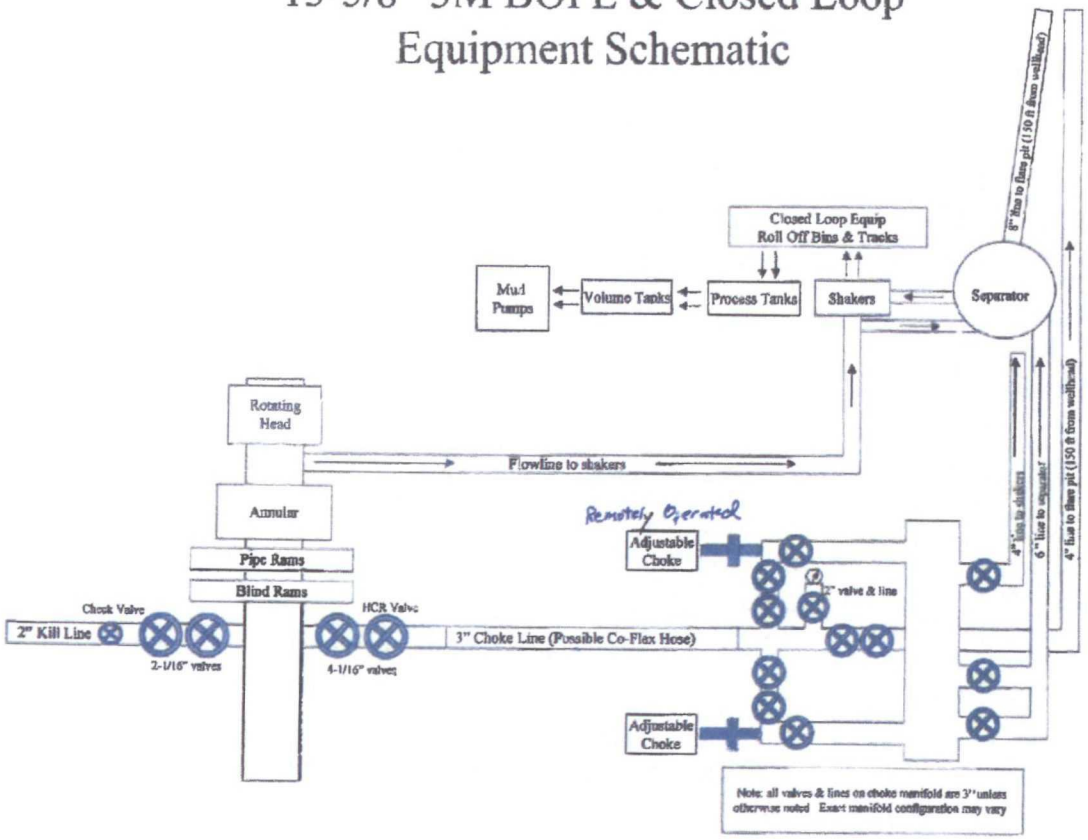
13-5/8" 3M BOPE & Closed Loop Equipment Schematic



NOTES REGARDING BLOWOUT PREVENTERS

Devon Energy Production Company, LP
Burton Flat Deep Unit SWD #2

Surface Location: 330' FSL & 2360' FEL, Unit O, Sec 27 T20S R28E, Eddy, NM

1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.

2. Wear ring will be properly installed in head.

3. Blowout preventer and all associated fittings will be in operable condition to withstand a minimum 3000 psi working pressure.

4. All fittings will be flanged.

5. A full bore safety valve tested to a minimum 3000 psi WP with proper thread connections will be available on the rotary rig floor at all times.

6. All choke lines will be anchored to prevent movement.

7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.

8. Will maintain a kelly cock attached to the kelly.

9. Hand wheels and wrenches will be properly installed and tested for safe operation.

10. Hydraulic floor control for blowout preventer will be located as near in proximity to driller's controls as possible.

11. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.

Continental
CONTITECH

Fluid Technology

ContiTech Beattie Corp.
Website: www.contitechbeattie.com

Monday, June 14, 2010

RE: Drilling & Production Hoses
Lifting & Safety Equipment

To Helmerich & Payne,

A Continental ContiTech hose assembly can perform as intended and suitable for the application regardless of whether the hose is secured or unsecured in its configuration. As a manufacturer of High Pressure Hose Assemblies for use in Drilling & Production, we do offer the corresponding lifting and safety equipment, this has the added benefit of easing the lifting and handling of each hose assembly whilst affording hose longevity by ensuring correct handling methods and procedures as well as securing the hose in the unlikely event of a failure; but in no way does the lifting and safety equipment affect the performance of the hoses providing the hoses have been handled and installed correctly It is good practice to use lifting & safety equipment but not mandatory.

Should you have any questions or require any additional information/clarifications then please do not hesitate to contact us.

ContiTech Beattie is part of the Continental AG Corporation and can offer the full support resources associated with a global organization.

Best regards,

Robin Hodgson
Sales Manager
ContiTech Beattie Corp

ContiTech Beattie Corp,
11535 Brittmoore Park Drive,
Houston, TX 77041
Phone: +1 (832) 327-0141
Fax: +1 (832) 327-0148
www.contitechbeattie.com

Continental CONTITECH

Fluid Technology

Quality Document

QUALITY CONTROL INSPECTION AND TEST CERTIFICATE				CERT. N°:	1713	
PURCHASER:	ContiTech Beattie Co.			P.O. N°:	002808	
CONTITECH ORDER N°:	426127	HOSE TYPE:	3" ID	Choke and Kill Hose		
HOSE SERIAL N°:	53622	NOMINAL / ACTUAL LENGTH:		10,67 m		
W.P. 68,96 MPa	10000 psi	T.P. 103,4 MPa	15000 psi	Duration:	60	min.

Pressure test with water at ambient temperature

See attachment. (1 page)

↑ 10 mm = 10 Min.

→ 10 mm = 25 MPa

COUPLINGS Type	Serial N°	Quality	Heat N°
3" coupling with	5503 2029	AISI 4130	N1590P
4 1/16" Flange end		AISI 4130	27566

INFOCHIP INSTALLED

API Spec 16 C
Temperature rate:"B"

All metal parts are flawless

Hose conform to NACE MR 01-75

WE CERTIFY THAT THE ABOVE HOSE HAS BEEN MANUFACTURED IN ACCORDANCE WITH THE TERMS OF THE ORDER INSPECTED AND PRESSURE TESTED AS ABOVE WITH SATISFACTORY RESULT.

STATEMENT OF CONFORMITY: We hereby certify that the above items/equipment supplied by us are in conformity with the terms, conditions and specifications of the above Purchaser Order and that these items/equipment were fabricated inspected and tested in accordance with the referenced standards, codes and specifications and meet the relevant acceptance criteria and design requirements.

COUNTRY OF ORIGIN HUNGARY/EU

Date:	Inspector	Quality Control
25. August. 2008		ContiTech Rubber Industrial Kft. Quality Control Dept.

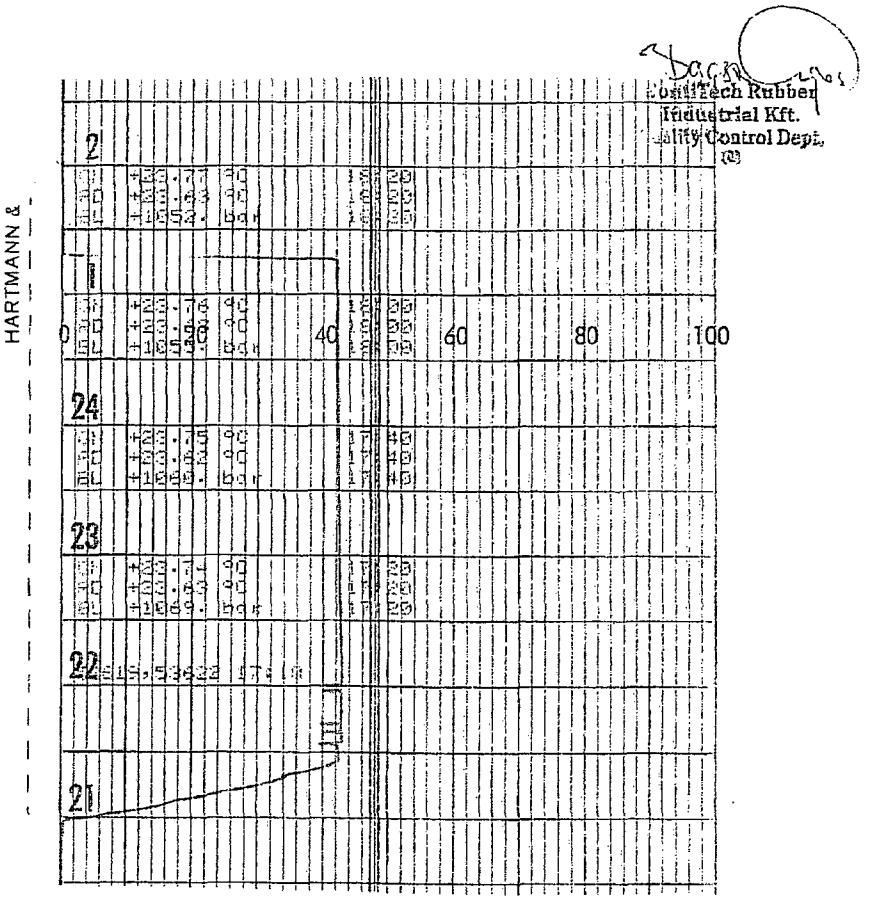
ContiTech Rubber Industrial Kft.
Budapesti út 10., Szeged H 6728
P.O.Box 152 Szeged H-6701
Hungary

Phone: +36 62 566 737
Fax: +36 62 566 738
e-mail: info@fluid.contitech.hu
Internet: www.contitech-rubber.hu

The Court of Csongrád County as Registry Court
Registry Court No: HU 06-09-002502
EU VAT No: HU11087209

Bank data
Commerzbank Zrt.
Szeged
14220108-26830003-00000000

ATTACHMENT OF QUALITY CONTROL INSPECTION AND TEST CERTIFICATE *No 1711,1713*



Contitech Rubber
Industrial Kft.
Quality Control Dept.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-144 CLEZ
July 21, 2008

For closed-loop systems *that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure*, submit to the appropriate NMOCD District Office.

Closed-Loop System Permit or Closure Plan Application

(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

Type of action: ☒ Permit ☐ Closure

Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: Devon Energy Production Co., LP OGRID #: 6137
Address: 333 W. Sheridan OKC, OK 73102-8260
Facility or well name: Burton Flat Deep Unit SWD 2
API Number: OCD Permit Number:
U/L or Qtr/Qtr O Section 27 Township 20 S Range 28 E County: Eddy County, NM
Center of Proposed Design: Latitude Longitude NAD: ☐1927 ☐ 1983
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☒ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC
Operation: ☒ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) ☐ P&A
☒ Above Ground Steel Tanks or ☒ Haul-off Bins

3.
Signs: Subsection C of 19.15.17.11 NMAC
☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
☒ Signed in compliance with 19.15.3.103 NMAC

4.
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
☒ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☒ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☒ Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Previously Approved Design (attach copy of design) API Number:
☐ Previously Approved Operating and Maintenance Plan API Number:

5.
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC)
Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.
Disposal Facility Name: CRI Disposal Facility Permit Number: R9166
Disposal Facility Name: Disposal Facility Permit Number:
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations?
☐ Yes (If yes, please provide the information below) ☒ No

FILE COPY

Required for impacted areas which will not be used for future service and operations:
☐ Soil Backfill and Cover Design Specifications - - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

6.
Operator Application Certification:
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): Patti Riechers Title: Regulatory Specialist
Signature: Patti Riechers Date: 3/12/2013
e-mail address: Patti.Riechers@dvn.com Telephone: 405.228.4248

7.
OCD Approval: ☐ Permit Application (including closure plan) ☐ Closure Plan (only)

OCD Representative Signature: _____ **Approval Date:** _____

Title: _____ **OCD Permit Number:** _____

8.
Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC
Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☐ **Closure Completion Date:** _____

9.
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:
Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?
☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No

Required for impacted areas which will not be used for future service and operations:
☐ Site Reclamation (Photo Documentation)
☐ Soil Backfilling and Cover Installation
☐ Re-vegetation Application Rates and Seeding Technique

10.
Operator Closure Certification:
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

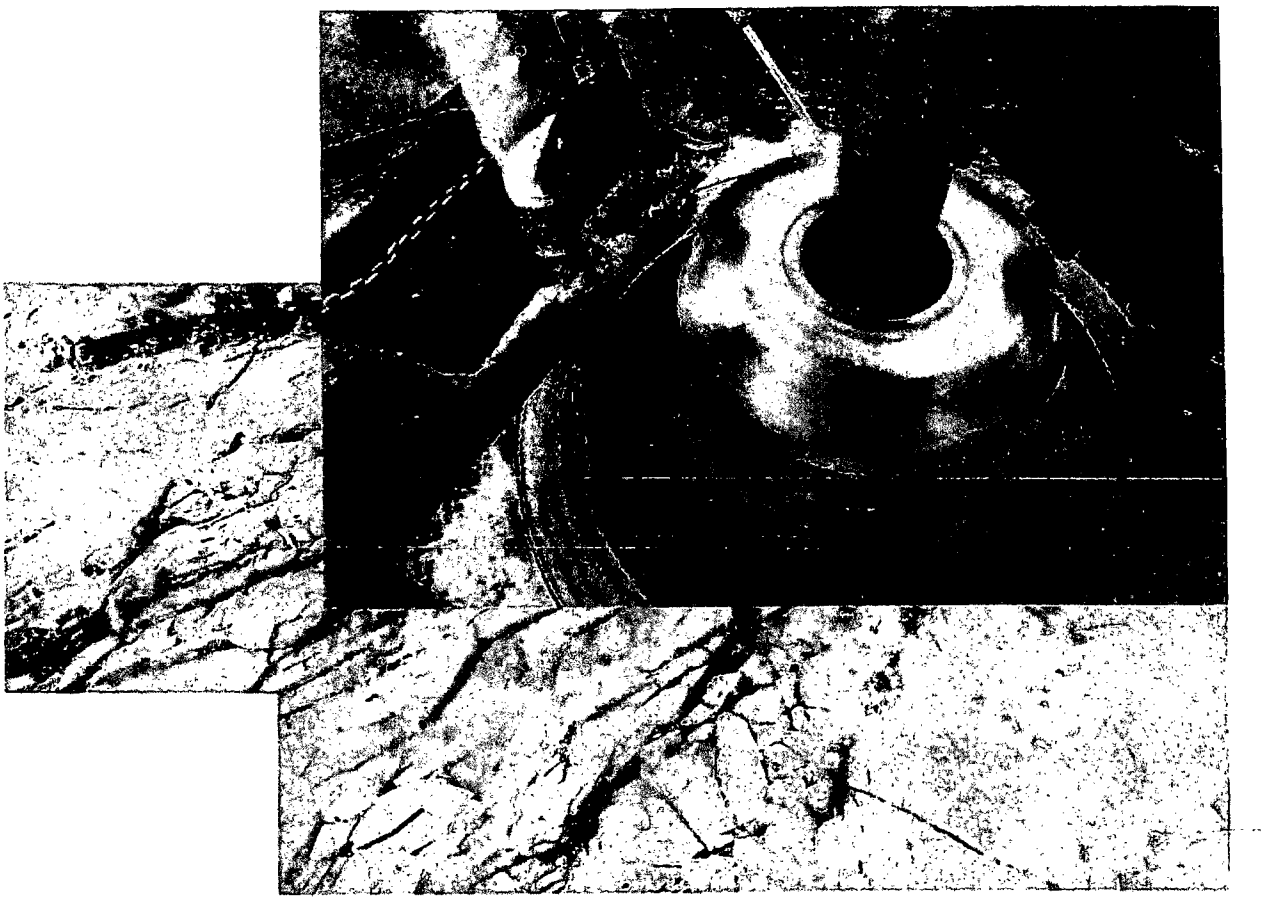
Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

devon

Commitment Runs Deep



Design Plan
Operation and Maintenance Plan
Closure Plan

SENM - Closed Loop Systems
June 2010

I. Design Plan

Devon uses MI SWACO closed loop system (CLS). The MI SWACO CLS is designed to maintain drill solids at or below 5%. The equipment is arranged to progressively remove solids from the largest to the smallest size. Drilling fluids can thus be reused and savings is realized on mud and disposal costs. Dewatering may be required with the centrifuges to insure removal of ultra fine solids.

The drilling location is constructed to allow storm water to flow to a central sump normally the cellar. This insures no contamination leaves the drilling pad in the event of a spill. Storm water is reused in the mud system or stored in a reserve fluid tank farm until it can be reused. All lubricants, oils, or chemicals are removed immediately from the ground to prevent the contamination of storm water. An oil trap is normally installed on the sump if an oil spill occurs during a storm.

A tank farm is utilized to store drilling fluids including fresh water and brine fluids. The tank farm is constructed on a 20 ml plastic lined, bermed pad to prevent the contamination of the drilling site during a spill. Fluids from other sites may be stored in these tanks for processing by the solids control equipment and reused in the mud system. At the end of the well the fluids are transported from the tank farm to an adjoining well or to the next well for the rig.

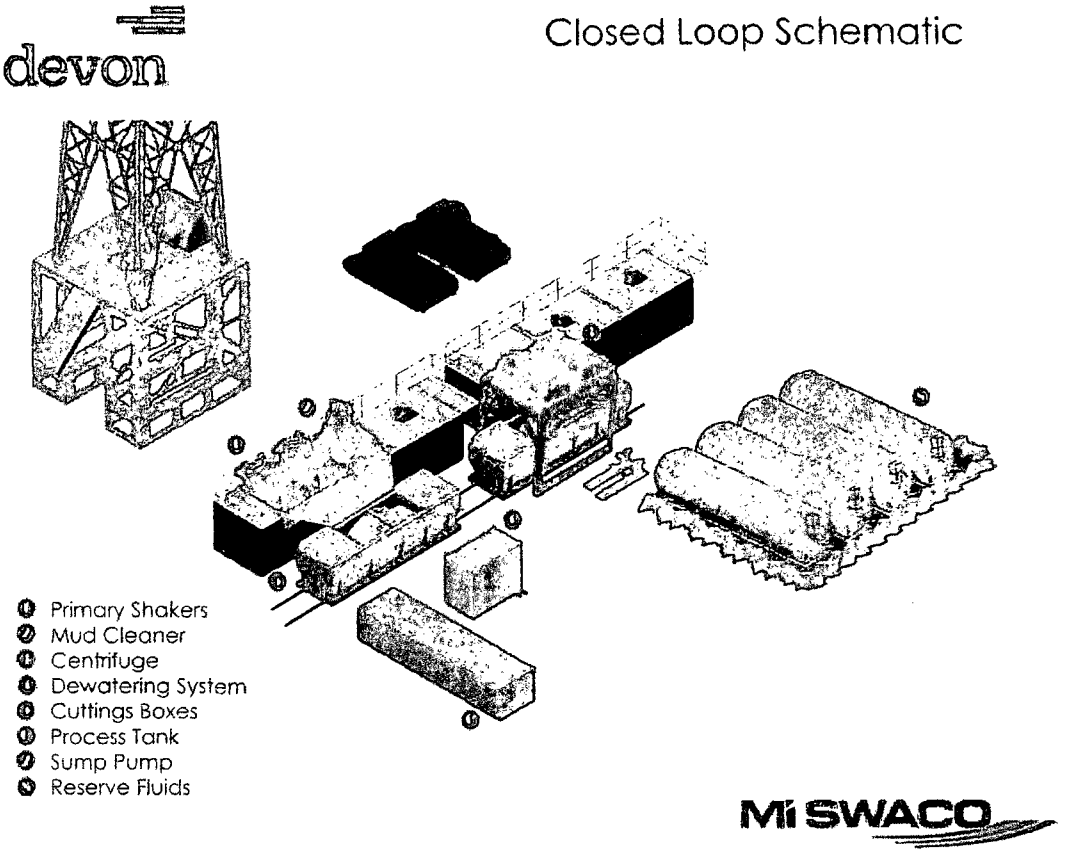
Prior to installing a closed-loop system on site, the topsoil, if present, will be stripped and stockpiled for use as the final cover or fill at the time of closure.

Signs will be posted on the fence surrounding the closed-loop system unless the closed-loop system is located on a site where there is an existing well, that is operated by Devon.

II. Operations and Maintenance Plan

Primary Shakers: The primary shakers make the first removal of drill solids from the drilling mud as it leaves the well bore. The shakers are sized to handle maximum drilling rate at optimal screen size. The shakers normally remove solids down to 74 microns.

Mud Cleaner: The Mud Cleaner cleans the fluid after it leaves the shakers. A set of hydrocyclones are sized to handle 1.25 to 1.5 times the maximum circulating rate. This ensures all the fluid is being processed to an average cut point of 25 microns. The wet discharged is dewatered on a shaker equipped with ultra fine mesh screens and generally cut at 40 microns.



Centrifuges: The centrifuges can be one or two in number depending on the well geometry or depth of well. The centrifuges are sized to maintain low gravity solids at 5% or below. They may or may not need a dewatering system to enhance the removal rates. The centrifuges can make a cut point of 8-10 microns depending on bowl speed, feed rate, solids loading and other factors.

The centrifuge system is designed to work on the active system and be flexible to process incoming fluids from other locations. This set-up is also dependant on well factors.

Dewatering System: The dewatering system is a chemical mixing and dosing system designed to enhance the solids removal of the centrifuge. Not commonly used in shallow wells. It may contain pH adjustment, coagulant mixing and dosing, and polymer mixing and dosing. Chemical flocculation binds ultra fine solids into a mass that is within the centrifuge operating design. The

dewatering system improves the centrifuge cut point to infinity or allows for the return of clear water or brine fluid. This ability allows for the ultimate control of low gravity solids.

Cuttings Boxes: Cuttings boxes are utilized to capture drill solids that are discarded from the solids control equipment. These boxes are set upon a rail system that allows for the removal and replacement of a full box of cuttings with an empty one. They are equipped with a cover that insures no product is spilled into the environment during the transportation phase.

Process Tank: (Optional) The process tank allows for the holding and process of fluids that are being transferred into the mud system. Additionally, during times of lost circulation the process tank may hold active fluids that are removed for additional treatment. It can further be used as a mixing tank during well control conditions.

Sump and Sump Pump: The sump is used to collect storm water and the pump is used to transfer this fluid to the active system or to the tank for to hold in reserve. It can also be used to collect fluids that may escape during spills. The location contains drainage ditches that allow the location fluids to drain to the sump.

Reserve Fluids (Tank Farm): A series of frac tanks are used to replace the reserve pit. These are steel tanks that are equipped with a manifold system and a transfer pump. These tanks can contain any number of fluids used during the drilling process. These can include fresh water, cut brine, and saturated salt fluid. The fluid can be from the active well or reclaimed fluid from other locations. A 20 ml liner and berm system is employed to ensure the fluids do not migrate to the environment during a spill.

If a leak develops, the appropriate division district office will be notified within 48 hours of the discovery and the leak will be addressed. Spill prevention is accomplished by maintaining pump packing, hoses, and pipe fittings to insure no leaks are occurring. During an upset condition the source of the spill is isolated and repaired as soon as it is discovered. Free liquid is removed by a diaphragm pump and returned to the mud system. Loose topsoil may be used to stabilize the spill and the contaminated soil is excavated and placed in the cuttings boxes. After the well is finished and the rig has moved, the entire location is scrapped and testing will be performed to determine if a release has occurred.

All trash is kept in a wire mesh enclosure and removed to an approved landfill when full. All spent motor oils are kept in separate containers and they are removed and sent to an approved recycling center. Any spilled lubricants, pipe

dope, or regulated chemicals are removed from soil and sent to landfills approved for these products.

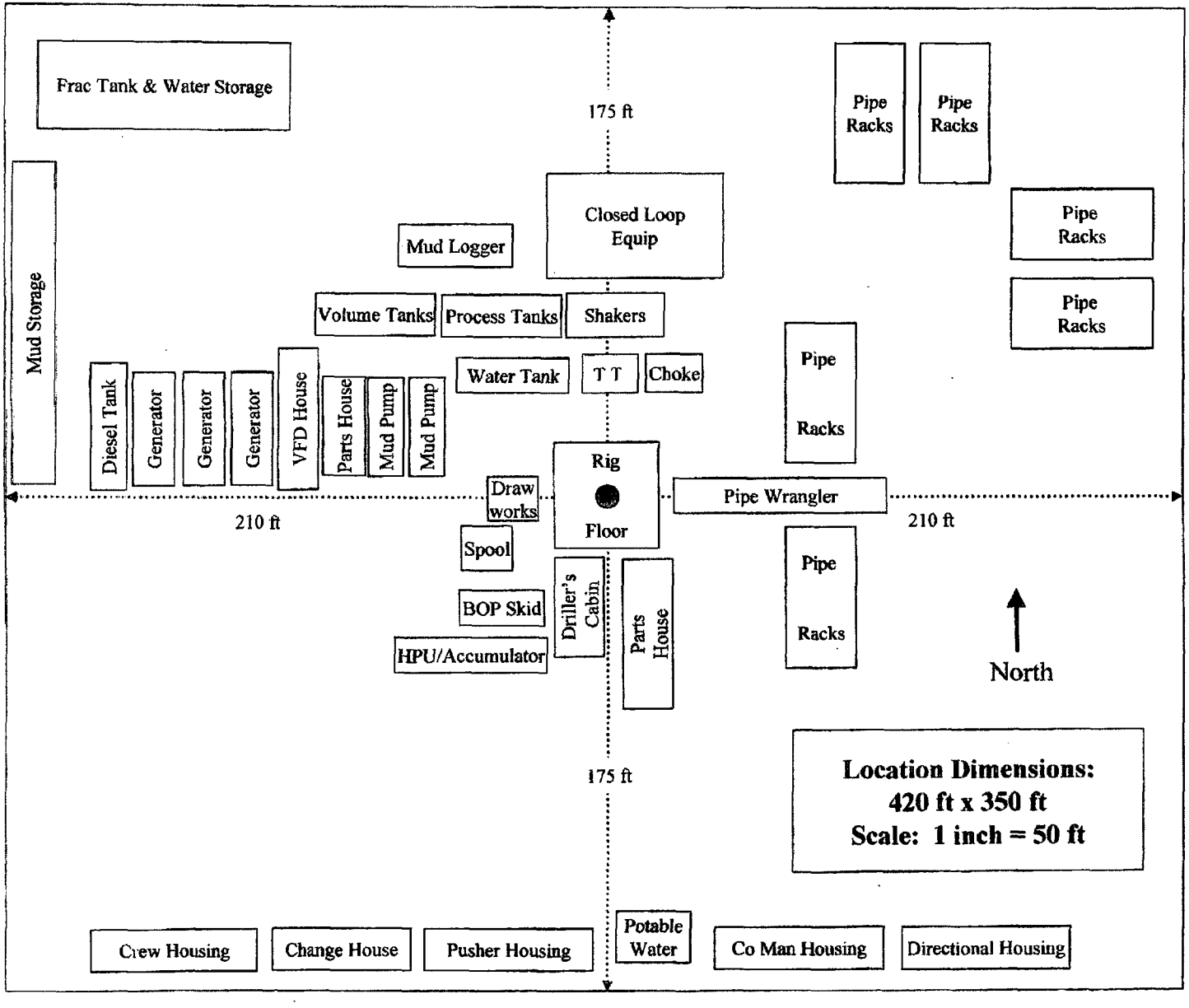
These operations are monitored by Mi Swaco service technicians. Daily logs are maintained to ensure optimal equipment operation and maintenance. Screen and chemical use is logged to maintain inventory control. Fluid properties are monitored and recorded and drilling mud volumes are accounted for in the mud storage farm. This data is kept for end of well review to insure performance goals are met. Lessons learned are logged and used to help with continuous improvement.

A MI SWACO field supervisor manages from 3-5 wells. They are responsible for training personnel, supervising installations, and inspecting sites for compliance of MI SWACO safety and operational policy.

III. Closure Plan

A maximum 340' X 340' caliche pad is built per well. All of the trucks and steel tanks fit on this pad. All fluid cuttings go to the steel tanks to be hauled by various trucking companies to an agency approved disposal.

H&P Flex Rig Location Layout



devon

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

Hydrogen Sulfide (H_2S) Contingency Plan

For

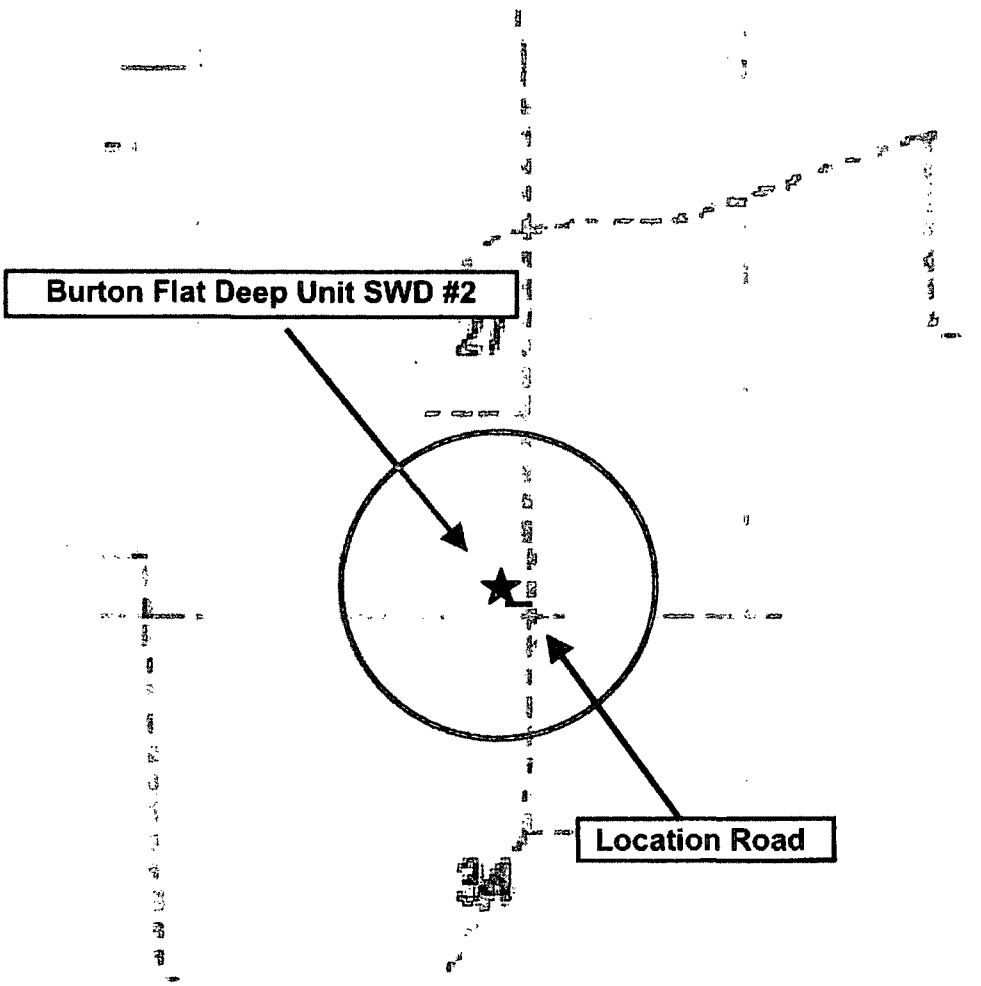
Burton Flat Deep Unit SWD #2

Sec-27, T-20S R-28E
330' FSL & 2360' FEL,
LAT. = 32.5381541'N (NAD83)
LONG = 104.1647951'W

Eddy County NM

Burton Flat Deep Unit SWD #2

This is an open drilling site. H_2S monitoring equipment and emergency response equipment will be used within 500' of zones known to contain H_2S, including warning signs, wind indicators and H_2S monitor.



Assumed 100 ppm 3000' ( )
100 ppm H2S concentration shall trigger activation of this plan.

Escape

Crews shall escape upwind of escaping gas in the event of an emergency release of gas. Escape can be facilitated from the location entrance road, West then Northwest on lease road. Crews should then block entrance to the location from the lease road so as not to allow anyone traversing into a hazardous area. The blockade should be at a safe distance outside of the ROE. There are no homes or buildings in or near the ROE.

Assumed 100 ppm ROE = 3000'

100 ppm H_2S concentration shall trigger activation of this plan.

Emergency Procedures

In the event of a release of gas containing H_2S, the first responder(s) must

- **Isolate the area and prevent entry by other persons into the 100 ppm ROE.**
- **Evacuate any public places encompassed by the 100 ppm ROE.**
- **Be equipped with H_2S monitors and air packs in order to control the release.**
- **Use the "buddy system" to ensure no injuries occur during the response**
- **Take precautions to avoid personal injury during this operation.**
- **Contact operator and/or local officials to aid in operation. See list of phone numbers attached.**
- **Have received training in the**
  - **Detection of H_2S, and**
  - **Measures for protection against the gas,**
  - **Equipment used for protection and emergency response.**

Ignition of Gas Source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO_2). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas

Characteristics of H_2S and SO_2

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentration
Hydrogen Sulfide	H_2S	1.189 Air = 1	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO_2	2.21 Air = 1	2 ppm	N/A	1000 ppm

Contacting Authorities

Devon Energy Corp. personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available. The following call list of essential and potential responders has been prepared for use during a release. Devon Energy Corp. Company response must be in coordination with the State of New Mexico's 'Hazardous Materials Emergency Response Plan' (HMER)

Hydrogen Sulfide Drilling Operation Plan

I. HYDROGEN SULFIDE (H_2S) TRAINING

All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, will receive training from a qualified instructor in the following areas prior to commencing drilling operations on this well:

1. The hazards and characteristics of hydrogen sulfide (H_2S)

2. The proper use and maintenance of personal protective equipment and life support systems.

3. The proper use of H_2S detectors, alarms, warning systems, briefing areas, evacuation procedures, and prevailing winds.

4. The proper techniques for first aid and rescue procedures.

In addition, supervisory personnel will be trained in the following areas:

1. The effects of H_2S metal components. If high tensile tubular are to be used, personnel will be trained in their special maintenance requirements.

2. Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.

3. The contents and requirements of the H_2S Drilling Operations Plan and Public Protection Plan.

There will be an initial training session just prior to encountering a known or probable H_2S zone (within 3 days or 500 feet) and weekly H_2S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H_2S Drilling Operations Plan and the Public Protection Plan.

II. HYDROGEN SULFIDE TRAINING

Note: All H_2S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating the first zone containing or reasonable expected to contain H_2S.

1. **Well Control Equipment**

   A. Flare line

   B. Choke manifold

   C. Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit

   D. Auxiliary equipment may include if applicable: annular preventer and rotating head.

2. **Protective equipment for essential personnel:**

   A. 30-minute SCBA units located in the doghouse and at briefing areas, as indicated on well site diagram. As it may be difficult to communicate audibly while wearing these units, hand signals shall be utilized.

3. **H_2S detection and monitoring equipment:**

   A. Portable H_2S monitors positioned on location for best coverage and response. These unites have warning lights and audible sirens when H_2S levels of 20 PPM are reached. These units are usually capable of detecting SO_2, which is a byproduct of burning H_2S.

4. **Visual warning systems:**

   A. Wind direction indicators as shown on well site diagram

B. Caution/ Danger signs shall be posted on roads providing direct access to locations. Signs will be painted a high visibility yellow with black lettering of sufficient size to be reasonable distance from the immediate location. Bilingual signs will be used when appropriate.

5. Mud program:

A. The mud program has been designed to minimize the volume of H_2S circulated to surface. Proper mud weight, safe drilling practices and the use of H_2S scavengers will minimize hazards when penetrating H_2S bearing zones.

6. Metallurgy:

A. All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold lines, and valves shall be H_2S trim.

B. All elastomers used for packing and seals shall be H_2S trim.

7. Communication:

A. Radio communications in company vehicles including cellular telephones and 2-way radio

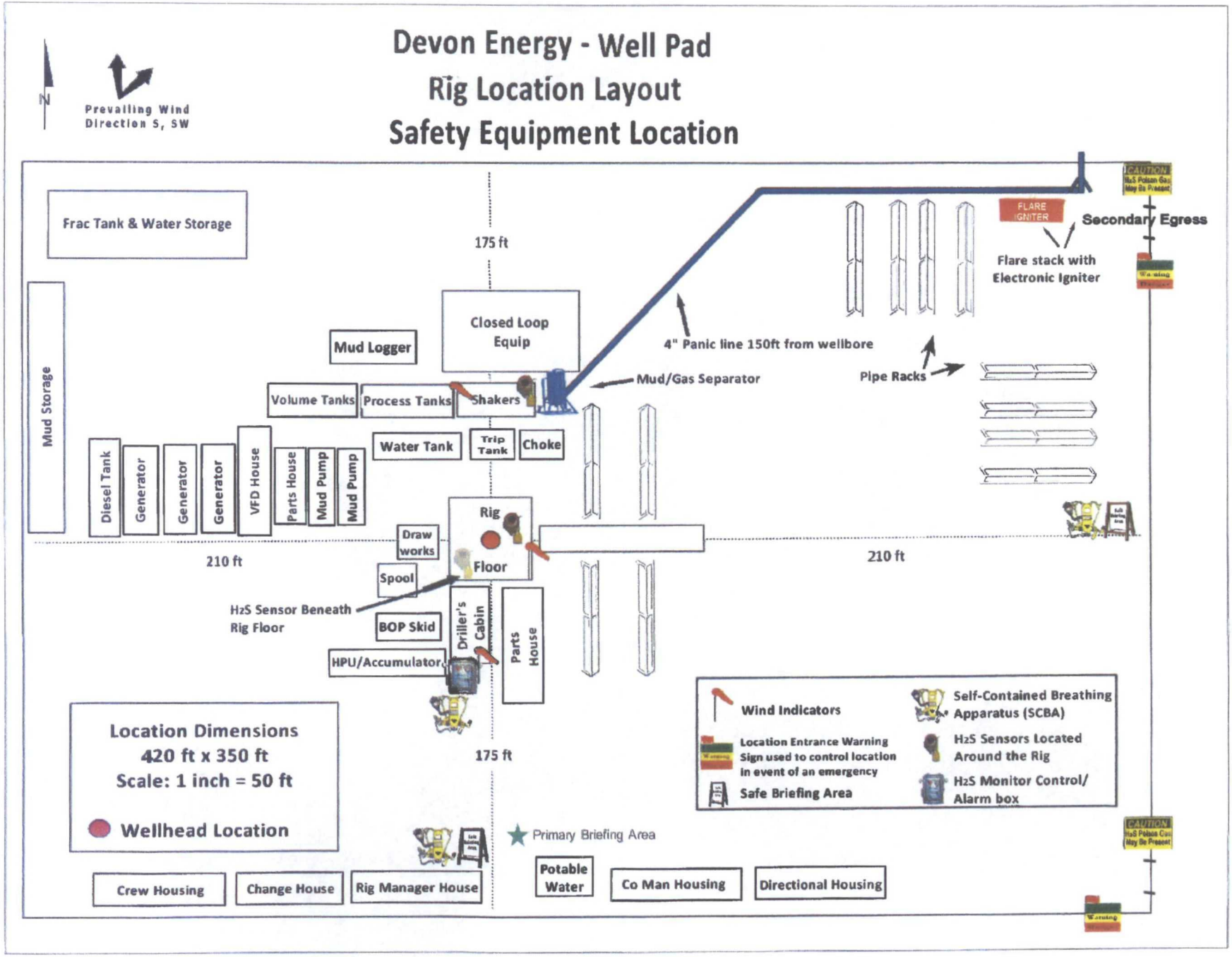
B. Land line (telephone) communications at Office

8. Well testing:

A. Drill stem testing will be performed with a minimum number of personnel in the immediate vicinity, which are necessary to safety and adequately conduct the test. The drill stem testing will be conducted during daylight hours and formation fluids will not be flowed to the surface. All drill-stem-testing operations conducted in an H_2S environment will use the closed chamber method of testing.

B. There will be no drill stem testing.

Devon Energy - Well Pad
Rig Location Layout
Safety Equipment Location



Devon Energy Corp. Company Call List

Artesia (575)	Cellular	Office	Home
Foreman – Robert Bell	748-7448	748-0178	746-2991
Asst. Foreman –Tommy Polly	748-5290	748-0165	748-2846
Don Mayberry	748-5235	748-0164	746-4945
Montral Walker	390-5182	748-0193	(936) 414-6246
Engineer – Marcos Ortiz	(405) 317-0666	(405) 552-8152	(405) 381-4350

Agency Call List

Lea County (575)

Hobbs

State Police	392-5588
City Police	397-9265
Sheriff's Office	393-2515
Ambulance	911
Fire Department	397-9308
LEPC (Local Emergency Planning Committee)	393-2870
NMOCD	393-6161
US Bureau of Land Management	393-3612

Eddy County (575)

Carlsbad

State Police	885-3137
City Police	885-2111
Sheriff's Office	887-7551
Ambulance	911
Fire Department	885-2111
LEPC (Local Emergency Planning Committee)	887-7798
US Bureau of Land Management	887-6544
NM Emergency Response Commission (Santa Fe)	(505) 476-9600
24 HR	(505) 827-9126
National Emergency Response Center (Washington, DC)	(800) 424-8802

Emergency Services

Boots & Coots IWC	(800)-256-9688 or (281) 931-8884
Cudd Pressure Control	(915) 699-0139 or (915) 563-3356
Halliburton	(575) 746-2757
B. J. Services	(575) 746-3569

Give GPS position:

Flight For Life - Lubbock, TX	(806) 743-9911
Aerocare - Lubbock, TX	(806) 747-8923
Med Flight Air Amb - Albuquerque, NM	(575) 842-4433
Lifeguard Air Med Svc. Albuquerque, NM	(575) 272-3115

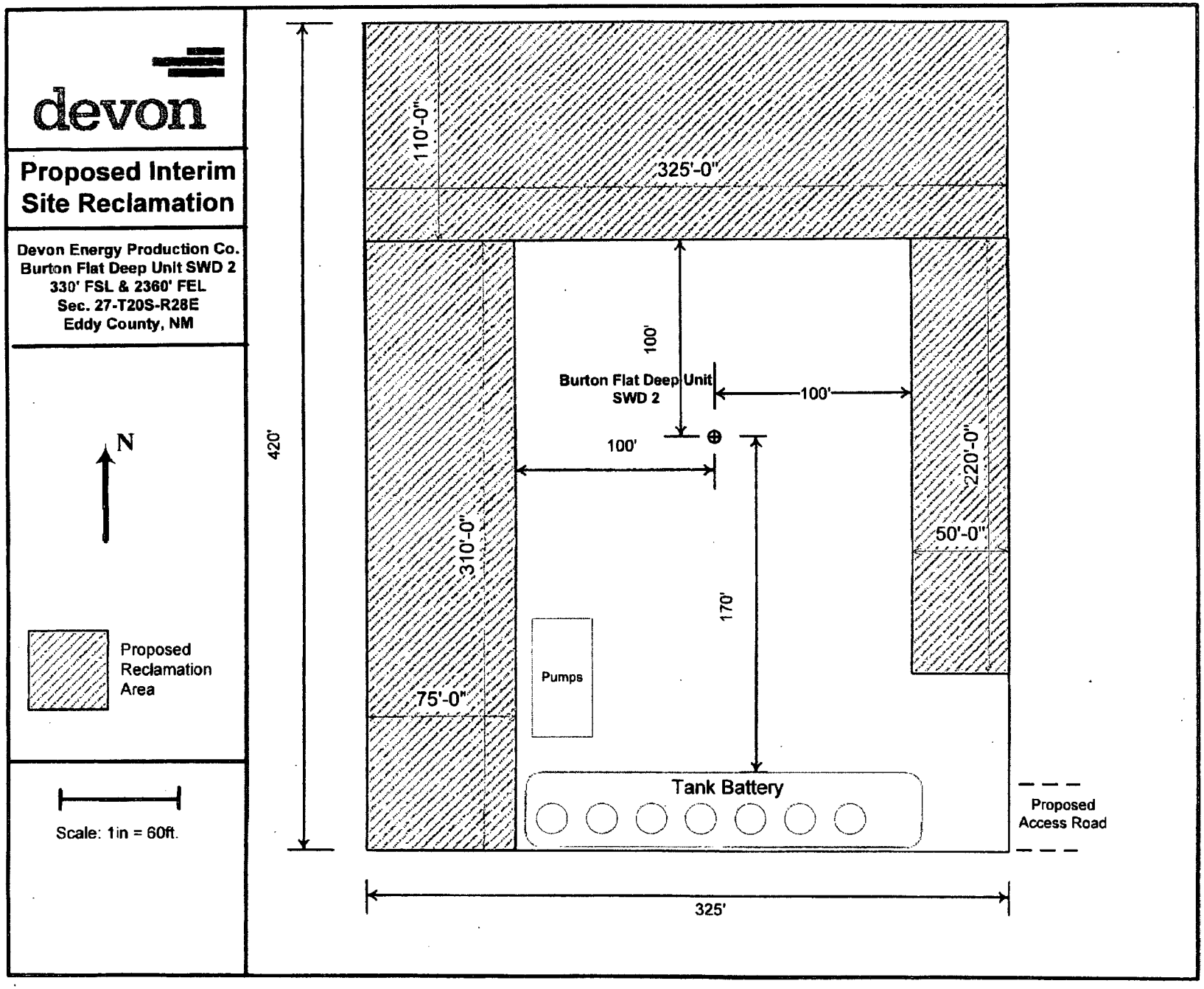
Prepared in conjunction with
Dave Small

SHARP COMMUNICATIONS & CONSULTING, LLC

devon

Proposed Interim Site Reclamation

Devon Energy Production Co.
Burton Flat Deep Unit SWD 2
330' FSL & 2360' FEL
Sec. 27-T20S-R28E
Eddy County, NM



SURFACE USE PLAN
Devon Energy Production Company, LP
Burton Flat Deep Unit SWD #2

Surface Location: 330' FSL & 2360' FEL, Unit O, Sec 27 T20S R28E, Eddy, NM

1. **Existing Roads:**
   a. The well site and elevation plat for the proposed well are reflected on the well site layout; Form C-102. The well was staked by Madron Surveying, Inc.
   b. All roads into the location are depicted on page two of the Form C-102 packet. Existing roads will be maintained and kept in the same or better condition than before operations began.
   c. 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.
2. **New or Reconstructed Access Roads:**
   a. The well site layout, page 2 of Form C-102 packet, shows new constructed access road, which will be approximately 107 LF from the existing Lease road.
   b. No cattle guards, grates or fence cuts will be required. No turnouts are planned.

3. **Location of Existing Wells:**
   One Mile Radius Plat shows all existing and proposed wells within a one-mile radius of the proposed location. See attached plat.

4. **Location of Existing and/or Proposed Production Facilities:**
   a. The well will be a disposal injection well for produced water. It is not expected to be productive. All surface facilities will be used for the gathering and injection of produced water.
   b. See interim reclamation diagram.
   c. If necessary, the well will be operated by means of an electric prime mover. Electric power poles will be set alongside of the access road, where applicable. If said power poles are needed, a plat and a sundry notice will be filed with your office.
   d. All flow lines will adhere to API standards.
   e. If the well is productive, rehabilitation plans are as follows:

      i. A closed loop system will be utilized.
      ii. The original topsoil from the well site will be returned to the location. The drill site will then be contoured as close as possible to the original state.

5. **Location and Types of Water Supply:**
This location will be drilled using a combination of water mud systems (outlined in the Drilling Program). The water will be obtained from commercial water stations in the area and hauled to location by transport truck using the existing and proposed roads shown in the C-102. On occasion, water will be obtained from a pre-existing water well, running a pump directly to the drill rig. In these cases where a poly pipeline is used to transport water for drilling purposes, proper authorizations will be secured. If a poly pipeline is used, the size, distance, and map showing route will be provided to the BLM via sundry notice.

6. **Construction Materials:**
The caliche utilized for the drilling pad and proposed access road will be from minerals that are located onsite or will be used onsite. If minerals are not available onsite, then an established mineral pit will be used to build the location and stem road.

7. **Methods of Handling Waste Material:**
   a. Drill cuttings will be disposed.
   b. All trash, junk and other waste material will be contained in trash cages or trash bins to prevent scattering. When the job is completed all contents will be removed and disposed of in an approved sanitary landfill.
   c. The supplier, including broken sacks, will pick up salts remaining after completion of well.
   d. A Porto-john will be provided for the rig crews. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.
   e. Remaining drilling fluids will be sent to a closed loop system. Water produced during completion will be put into a closed loop system. Oil and condensate produced will be put into a storage tank and sold.
   f. Disposal of fluids to be transported by the following companies:
      i. American Production Service Inc, Odessa TX
      ii. Gandy Corporation, Lovington NM
      iii. I & W Inc, Loco Hill NM
      iv. Jims Water Service of Co Inc, Denver CO

8. **Ancillary Facilities:** No campsite or other facilities will be constructed as a result of this well.

9. **Well Site Layout**
   a. Exhibit D shows the proposed well site layout with dimensions of the pad layout.
   b. This exhibit indicated proposed location of sump pits and living facilities.
   c. Mud pits in the active circulating system will be steel pits.
   d. A closed loop system will be utilized.
   e. If a pit or closed loop system is utilized, Devon will comply with the NMOCD requirements 19.15.17 and submit form C-144 to the appropriate NMOCD District Office. A copy to be provided to the BLM.

10. Plans for Surface Reclamation:

a. After concluding the drilling and/or completion operations, if the well is found non-commercial, the caliche will be removed from the pad and transported to the original caliche pit or used for other drilling locations. The road will be reclaimed as directed by the BLM. The original top soil will again be returned to the pad and contoured, as close as possible, to the original topography.
b. The location and road will be rehabilitated as recommended by the BLM.
c. If the well is deemed commercially productive, caliche from areas of the pad site not required for operations will be reclaimed. The original top soil will be returned to the area of the drill pad not necessary to operate the well. These unused areas of the drill pad will be contoured, as close as possible, to match the original topography.
d. All disturbed areas not needed for active support of production operations will undergo interim reclamation. The portions of the cleared well site not needed for operational and safety purposes will be recontoured to a final or intermediate contour that blends with the surrounding topography as much as possible. Topsoil will be respread over areas not needed for all-weather operations.

11. Surface Ownership

a. The surface is owned by the US Government and is administered by the Bureau of Land Management. The surface is multiple use with the primary uses of the region for the grazing of livestock and the production of oil and gas.
b. The proposed road routes and the surface location will be restored as directed by the BLM.

12. Other Information:

a. The area surrounding the well site is grassland. The topsoil is very sandy in nature. The vegetation is moderately sparse with native prairie grass, sage bush, yucca and miscellaneous weeds. No wildlife was observed but it is likely that deer, rabbits, coyotes, and rodents traverse the area.
b. There is no permanent or live water in the general proximity of the location.
c. There are no dwellings within 2 miles of location.
d. A Cultural Resources Examination will be completed by the Permian Basin Cultural Resource Fund in lieu of being required to conduct a Class III Survey for cultural resources associated with their project within the BLM office in Carlsbad, New Mexico.

13. Bond Coverage:

Bond Coverage is Nationwide; Bond # is CO-1104 & NMB-000801.

Operators Representative:

The Devon Energy Production Company, L.P. representatives responsible for ensuring compliance of the surface use plan are listed below.

Trevor Klaassen - Operations Engineer
Devon Energy Production Company, L.P.
333 W. Sheridan
Oklahoma City, OK 73102-5010
(405) 552-5069 (office)
(405) 761-5074 (Cellular)

Don Mayberry - Superintendent
Devon Energy Production Company, L.P.
Post Office Box 250
Artesia, NM 88211-0250
(575) 748-3371 (office)
(575) 746-4945 (home)

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road proposed herein; that I am familiar with the conditions that presently exist; that I have full knowledge of State and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or Devon Energy Production Company, L.P. am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

I hereby also certify that I, or Devon Energy Production Company, L.P. have made a good faith effort to provide the surface owner with a copy of the Surface Use Plan of Operations and any Conditions of Approval that are attached to the APD.

Executed this _12th__ day of __March, 2013.
Printed Name: Patti Riechers
Signed Name: Patti Riechers
Position Title: Regulatory Specialist
Address: 333 W. Sheridan, OKC OK 73102
Telephone: (405)-228-4248