

ABOVE THIS LINE FOR DIVISION USE ONLY

NOTICED 2/26/13

1316-B

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



ADMINISTRATIVE APPLICATION CHECKLIST

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

Application Acronyms:

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

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

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

Check One Only for [B] or [C]

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

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

[D] Other: Specify Amend. to Existing SWD / orders

Buck 17 Federal Swd #1
 30-025-40482

only chad c. 5410-5932

RECEIVED 02/27/13

SW-1316A
 5686-5932

[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

4326 = Top Bell C.
 5272 = Top Chad C.

[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.

Donna Williams
 Print or Type Name

[Signature]
 Signature

Sr. Regulatory Advisor 3/5/13
 Title Date

Donna.S.Williams@ConocoPhillips.com
 e-mail Address

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance _____ Disposal _____ Storage
Application qualifies for administrative approval? Yes _____ No

II. OPERATOR: ConocoPhillips Company

ADDRESS: P.O. Box 51810 Midland, Tx 79710

CONTACT PARTY: Donna Williams PHONE: 432-688-6943

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? _____ Yes No
If yes, give the Division order number authorizing the project: _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Donna Williams TITLE: Sr. Regulatory

SIGNATURE: [Signature] DATE: 3/5/13

E-MAIL ADDRESS: Donna.S.Williams@ConocoPhillips.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: original 12/15/11, Award # 1 7/2012

INJECTION WELL DATA SHEET

OPERATOR: ConocoPhillips Company ^{SWD}

WELL NAME & NUMBER: Buck ~~SLA~~ Federal #1

WELL LOCATION: 2284 FNL - 1950 FWL F 17 26S 32E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4 Casing Size: 9 5/8 10 9/16

Cemented with: L10 sx. or _____ ft³

Top of Cement: surface Method Determined: visual

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. or _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 8 3/4 Casing Size: 7

Cemented with: 1500 sx. or _____ ft³

Top of Cement: surface Method Determined: CBL

Total Depth: 6278

Injection Interval

5410 feet to 5932

(Perforated or Open Hole; indicate which)

Attached

INJECTION WELL DATA SHEET

Tubing Size: 3 1/2 Lining Material: _____

Type of Packer: SL# (Mesquite AS-14)

Packer Setting Depth: 5357 (Proposed)

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

Additional Data

1. Is this a new well drilled for injection? X Yes No

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

2. Name of the Injection Formation: Cherry Canyon (Delaware)

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

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: _____



MCBU
P. O. Box 51810
Midland, TX 79710-1810

February 26, 2013

Mr. Will Jones
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Request for Amendment of Administrative Order SWD-1316-A

Mr. Jones:

ConocoPhillips Company respectfully request administrative approval to amend Order SWD 1316-A as it pertains to the disposal interval. The current approved interval is 5686 to 5932 which is in the Cherry Canyon member of the Delaware Mountain Group. COP is respectfully requesting to add additional pay to include 5410' to 5932'. Notice has been provided to the Bureau of Land Management as well as Sahara Operating. As part of this request, please find attached a revised wellbore diagram as well as a geologic summary supporting this request.

Should you have any questions, or need additional information, please do not hesitate to contact me at 432-688-6943 or via email at Donna.J.Williams@Conocophillips.com.

Sincerely,

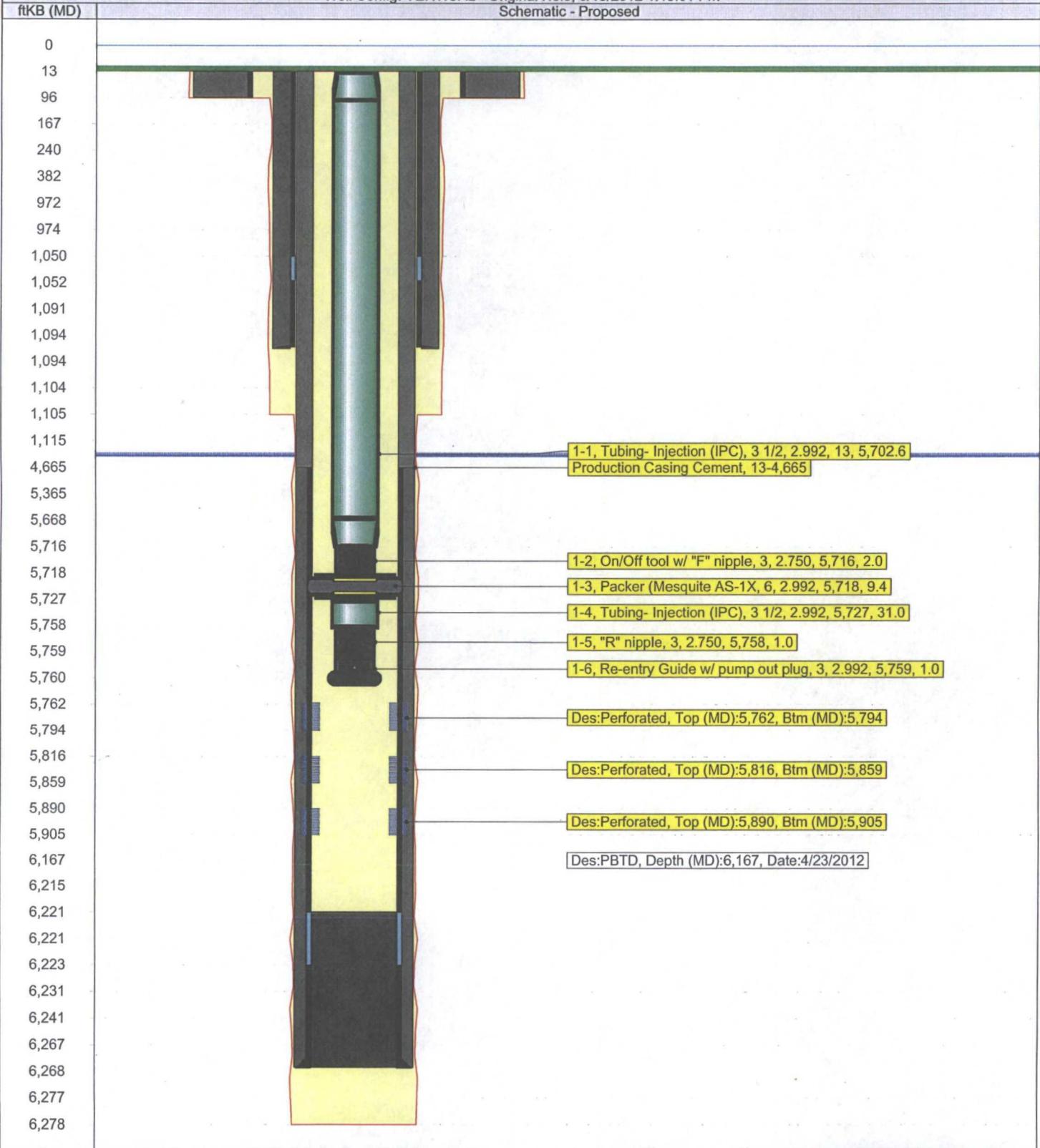
A handwritten signature in black ink, appearing to read "Donna Williams". The signature is written in a cursive style with a large initial "D".

Donna Williams
Sr. Regulatory Advisor

Schematic - Current
BUCK FEDERAL 17 1SWD

District PERMIAN	Field Name RED HILLS WEST	API / UWI 3002540482	County LEA	State/Province NEW MEXICO	
Original Spud Date 4/7/2012	Surface Legal Location Section 17, Township 26S, Range 32E	East/West Distance (ft) 1,940.00	East/West Reference FWL	North/South Distance (ft) 2,284.00	North/South Reference FNL

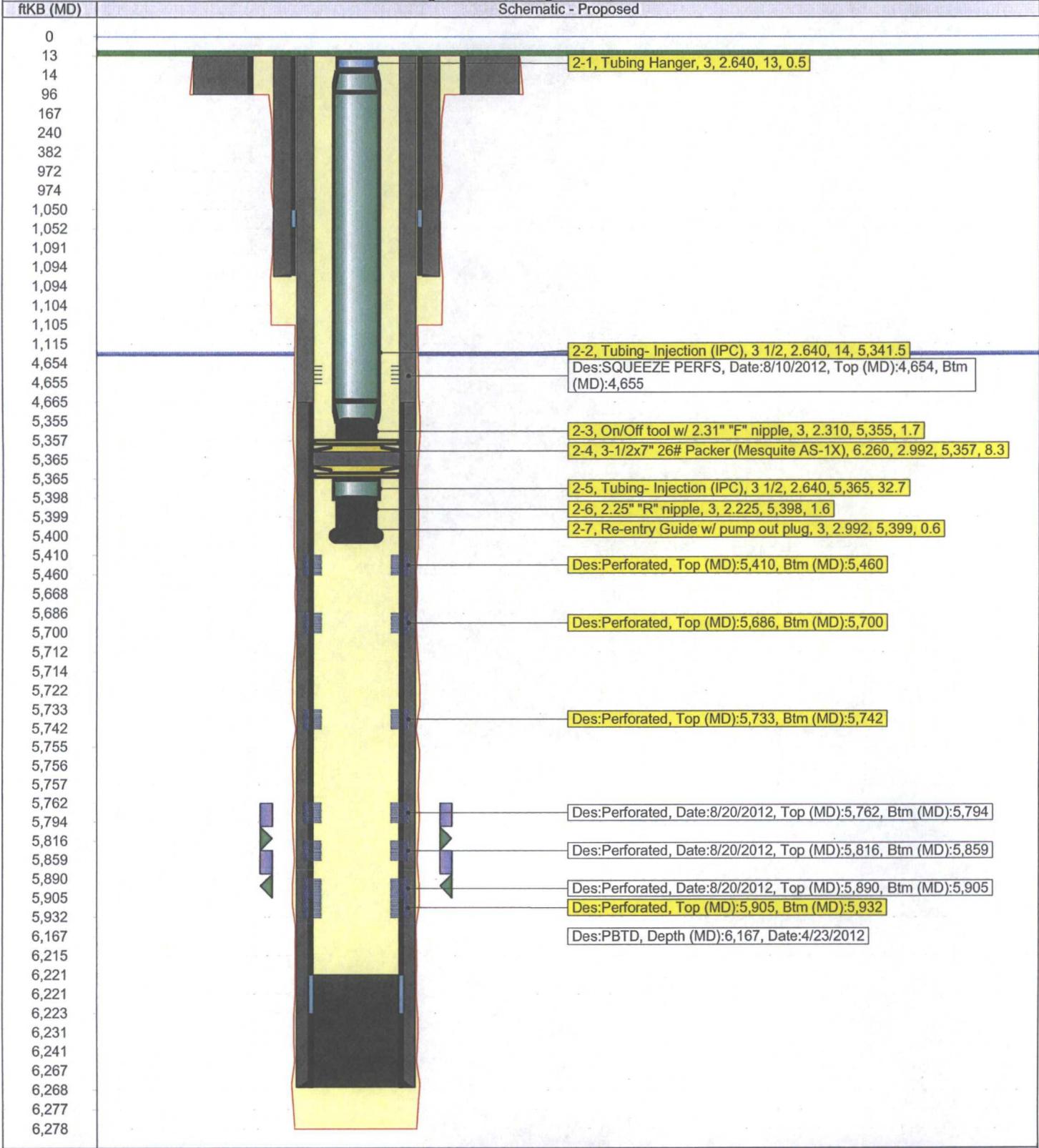
Well Config: VERTICAL - Original Hole, 6/19/2012 4:46:01 PM
Schematic - Proposed



Schematic - Current
BUCK FEDERAL 17 1SWD

District PERMIAN	Field Name RED HILLS WEST	API / UWI 3002540482	County LEA	State/Province NEW MEXICO	
Original Spud Date 4/7/2012	Surface Legal Location Section 17, Township 26S, Range 32E	East/West Distance (ft) 1,940.00	East/West Reference FWL	North/South Distance (ft) 2,284.00	North/South Reference FNL

Well Config: VERTICAL - Original Hole, 2/15/2013
Schematic - Proposed



API #	WELL_NAME	WELL #	Status	CURR_OPERA	Type	SPUD	Depth	PLUGBACK	DIREC	LEASE_NAME	Location	Footage
300252771600	RUSSELL '17' FEDERAL	12	✓ Active	SAHARA OPERATING COMPANY	OIL	2/25/1982	4502	4430	VERTICAL	RUSSELL '17' FEDERAL	17 26S 32E	1980 FSL 1980 FWL
300252793700	RUSSELL '17' FEDERAL	13	✓ PA	SAHARA OPERATING COMPANY	OIL	10/20/1982	4550	4500	VERTICAL	RUSSELL '17' FEDERAL	17 26S 32E	1980 FSL 650 FWL
300252737500	RUSSELL '17' FEDERAL	10	✓ Active	SAHARA OPERATING COMPANY	OIL	9/15/1981	4500	4460	VERTICAL	RUSSELL '17' FEDERAL	17 26S 32E	660 FSL 1720 FWL
300252793000	THOMPSON '18' FEDERAL	5	✓ Active	SAHARA OPERATING COMPANY	OIL	11/5/1982	4600	4568	VERTICAL	THOMPSON '18' FEDERAL	18 26S 32E	1980 FNL 660 FEL
300252890900	RUSSELL FEDERAL	11	✓ Active	SAHARA OPERATING COMPANY	OIL	9/17/1984	4363	0	VERTICAL	RUSSELL FEDERAL	17 26S 32E	1980 FSL 2310 FEL

Handwritten signature

Red Hills West SWD Well

ConocoPhillips, Buck Federal 17 1SWD

Sect 17-T26S-R32E

2284' FNL & 1950'FWL

Lea Co. NM

Geologic Summary:

The subject SWD well (ConocoPhillips, Buck Federal 17 1SWD) is located in section 17, T26S-R32E in Lea County, New Mexico. This geologic evaluation includes all of T26S-R32E over at least a 1,865' interval from the top of the Delaware Bell Canyon to the top portion of the Lower Cherry Canyon. The Upper Delaware Bell Canyon Sandstone members known as the Ramsey and Olds' Sandstones, are the only zones that have been found to be hydrocarbon productive in or in the immediate area around this township. These Sandstones occur within the top 200' of the Delaware Bell Canyon Formation at a depth from 4,350' to 4,495' in the Buck Federal 17 1SWD.

The interval identified for salt water disposal in the Buck Federal 17 1SWD are Cherry Canyon Sandstones which occur between the depths of 5,410' to 5,932'. This interval is composed of non-hydrocarbon bearing sandstones that have good porosity and permeability interbedded with numerous thin shales and carbonates and that are very continuous across the area. This interval had no mudlog shows of significance when penetrated in the ConocoPhillips, Buck Federal 17 1H which is located 4,025' southeast of the Buck Federal 17 1SWD. Water saturation calculations from open hole logs in the Buck Federal 17 1SWD well indicate that the interval is wet and non-hydrocarbon productive.

The interval thickness between the base of the Ramsey and Olds Sandstone and the top of the proposed water disposal zone is 915' in the Buck Federal 17 1SWD. This interval contains approximately eight relatively thin shales that are continuous across the area. The gross thickness along with interbedded shales throughout the area should act as a low permeability barrier between the disposal interval and the Upper Delaware Bell Canyon Sandstones.

For the reasons mentioned above, this interval has no potential for oil or gas production from the Buck Federal 17 1SWD and will be a good interval for salt water disposal. A review of geologic and engineering data in the immediate area of this SWD well, finds that there is no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

Harvey O. Vick III
Geologist, ConocoPhillips
February 21, 2013

Buck Federal 17 1SWD Final Tops

KB

(via survey plat)

3,189

Notes: This is a vertical salt water disposal well (SWD).

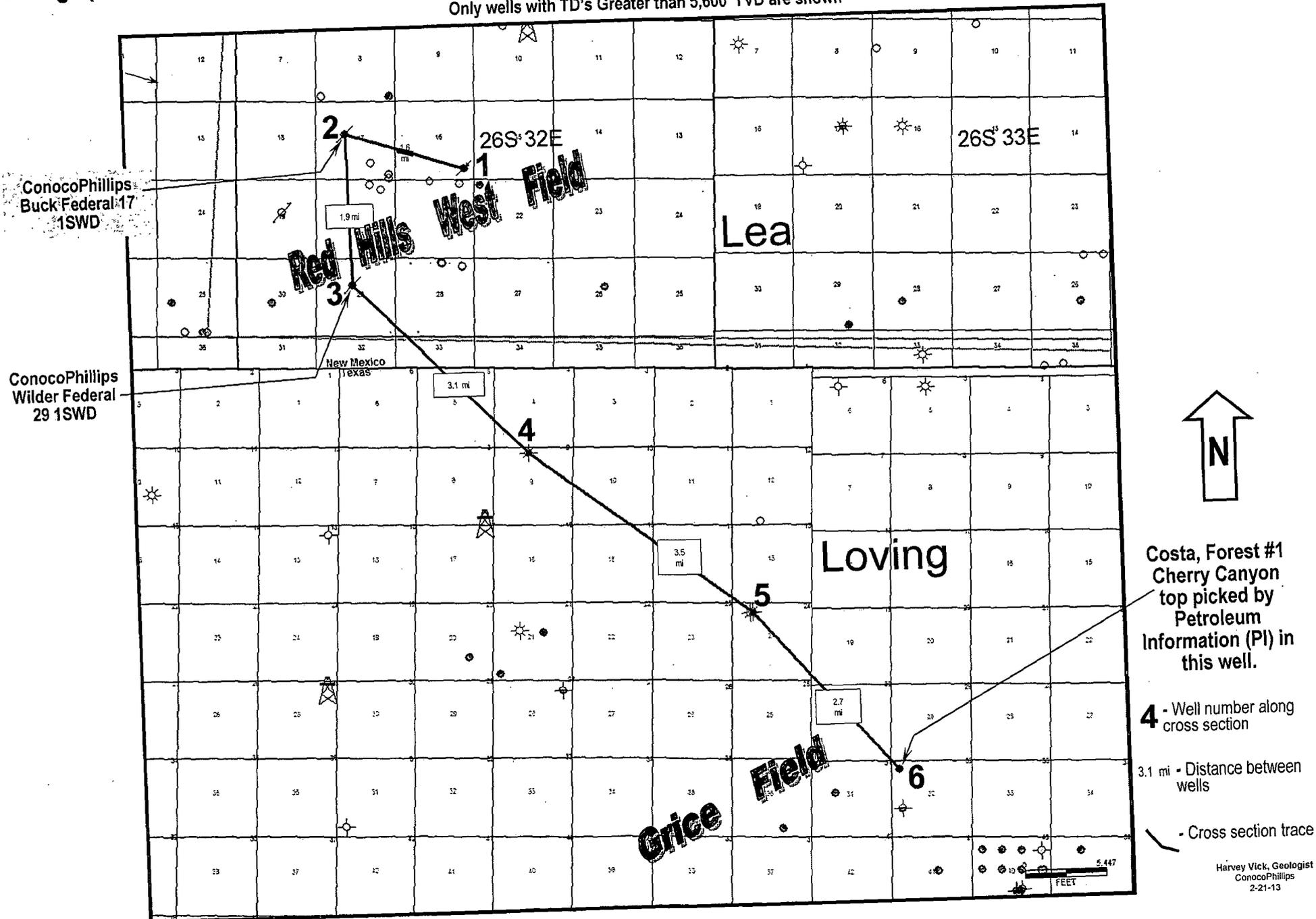
Surface Location		Sec 17	T26S	R32E		Lea Co. NM, Surface Location: 1950' FWL & 2284' FNL
Formation Name	Formation Top (TVD)	Subsea Depth	Gross Thickness	Gross Thickness	Gross Thickness	Comments
Quaternary	Surface					
Rustler	1,028	2,161				
Castile	2,577	612				
Delaware Top	4,326	-1,137				
Ramsey	4,360	-1,171				
Ford Sh	4,419	-1,230				
Olds	4,432	-1,243				
Cherry Canyon Upper SWDZ Top	5,410	-2,221				Disposal zone
Cherry Canyon SWDZ 1 Top	5,684	-2,495				Disposal zone
Cherry Canyon SWDZ 2 Top	5,733	-2,544				Disposal zone
Cherry Canyon SWDZ 3 Top	5,812	-2,623				Disposal zone
Cherry Canyon SWDZ 4 Top	5,877	-2,688				Disposal zone
TD	6,278	-3,089				

Additional Proposed Injection (disposal) Zone in the ConocoPhillips, Buck Federal 17 1SWD

- ConocoPhillips is proposing an additional disposal zone to be perforated in the Buck Federal 17 1SWD well. The additional perforations in the subject well, are proposed in a upper Cherry Canyon Upper Sandstone zone from 5,410' to 5,460' which are located above the current perforations (5,686' to 5,932') and below the Cherry Canyon top. The cross sections in this Power Point show the Cherry Canyon top correlated across the area of the Buck Federal 17 1SWD well as identified from Petroleum Information (PI) in the Costa, Forest #1 well (see well #6 on the cross sections).
- Petrophysical analysis of this additional disposal zone in the Cherry Canyon (described in slides 5 – 9) indicates that it calculates wet, with an average water saturation of 97% and therefore should not produce hydrocarbon.

Stratigraphic and Structural Cross Section Trace from Red Hills West Field in S.W. NM to the Grice Field in Central Loving Co TX.

Only wells with TD's Greater than 5,600' TVD are shown

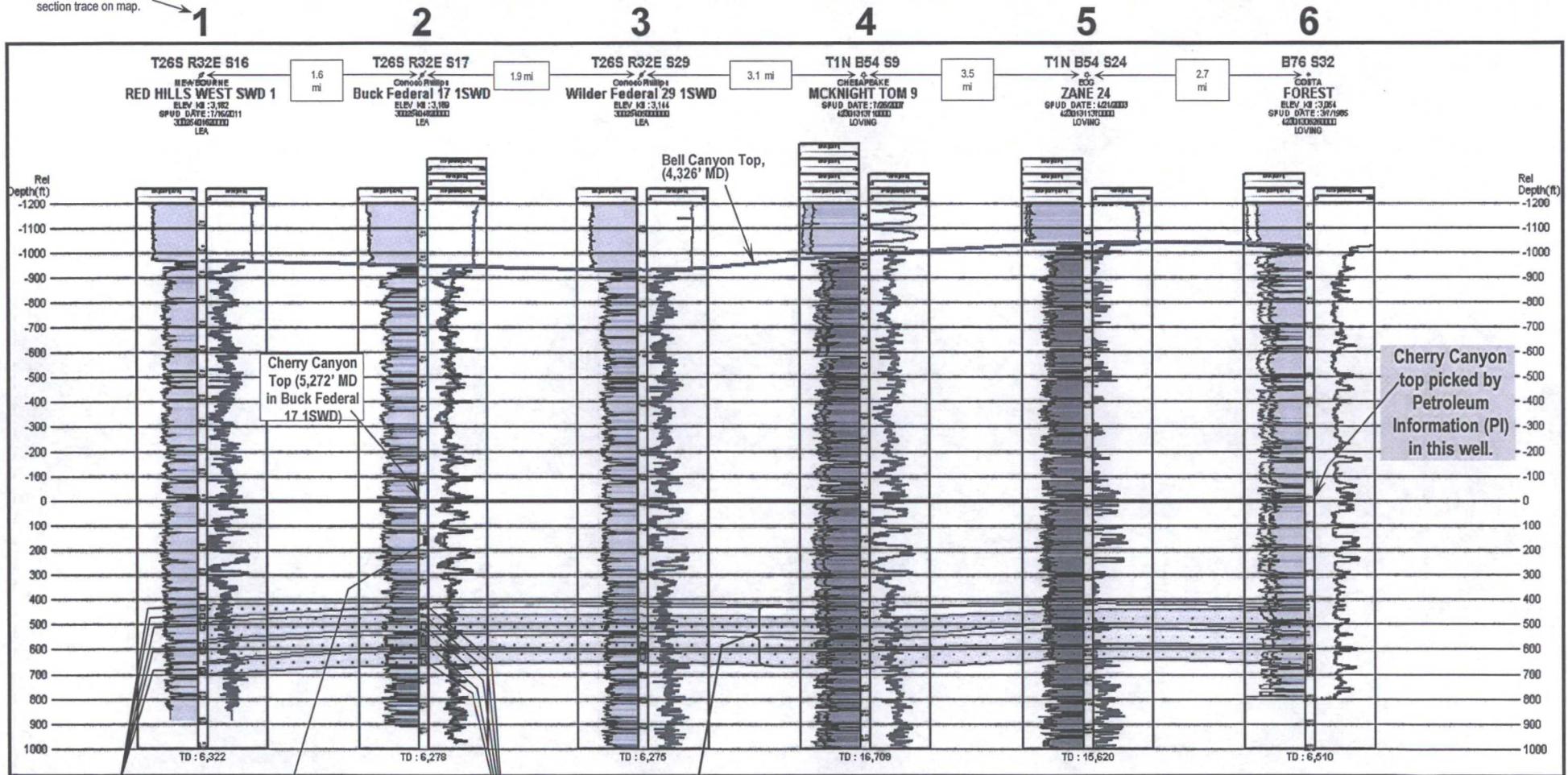


Stratigraphic Cross Section Flattened on the Cherry Canyon Top

Showing the Additional Proposed Disposal Zone in the Buck Federal 17 1SWD Well

Cross Section from Red Hills West Field in S.W. NM to Grice Field in Central Loving Co TX.

Well number along cross section trace on map.



Existing Injection Perforations

Additional proposed Cherry Canyon perforations in the Buck Federal 17 1SWD (5,410' to 5,460')

Existing Cherry Canyon perforations in the Buck Federal 17 1SWD.

Cherry Canyon Sandstone Injection Intervals

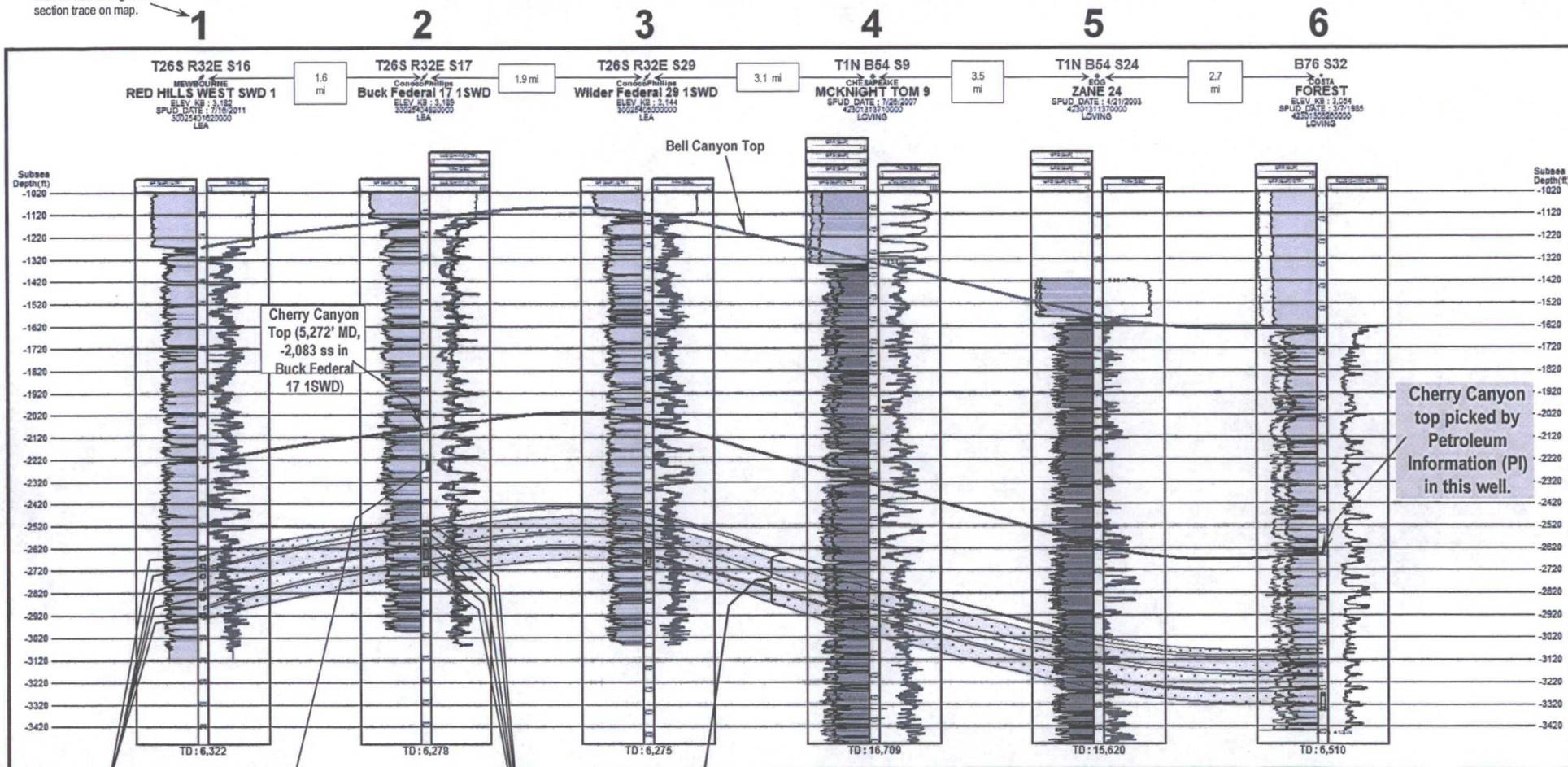
Notes:

- The Cherry Canyon top is correlated across this cross section as identified by Petroleum Information (PI) in the Costa, Forest #1 well (well #6 on the cross section).

Structural Cross Section Showing Bell Canyon Top, Cherry Canyon Top and Cherry Canyon Sandstone with Additional Proposed Disposal Zone in the Buck Federal 17 1SWD

Cross Section from Red Hills West Field in S.W. NM to Grice Field in Central Loving Co TX.

Well number along cross section trace on map.



Existing Injection Perforations

Additional proposed Cherry Canyon perforations in the Buck Federal 17 1SWD (5,410' to 5,460')

Existing Cherry Canyon perforations in the Buck Federal 17 1SWD.

Cherry Canyon Sandstone Injection Intervals

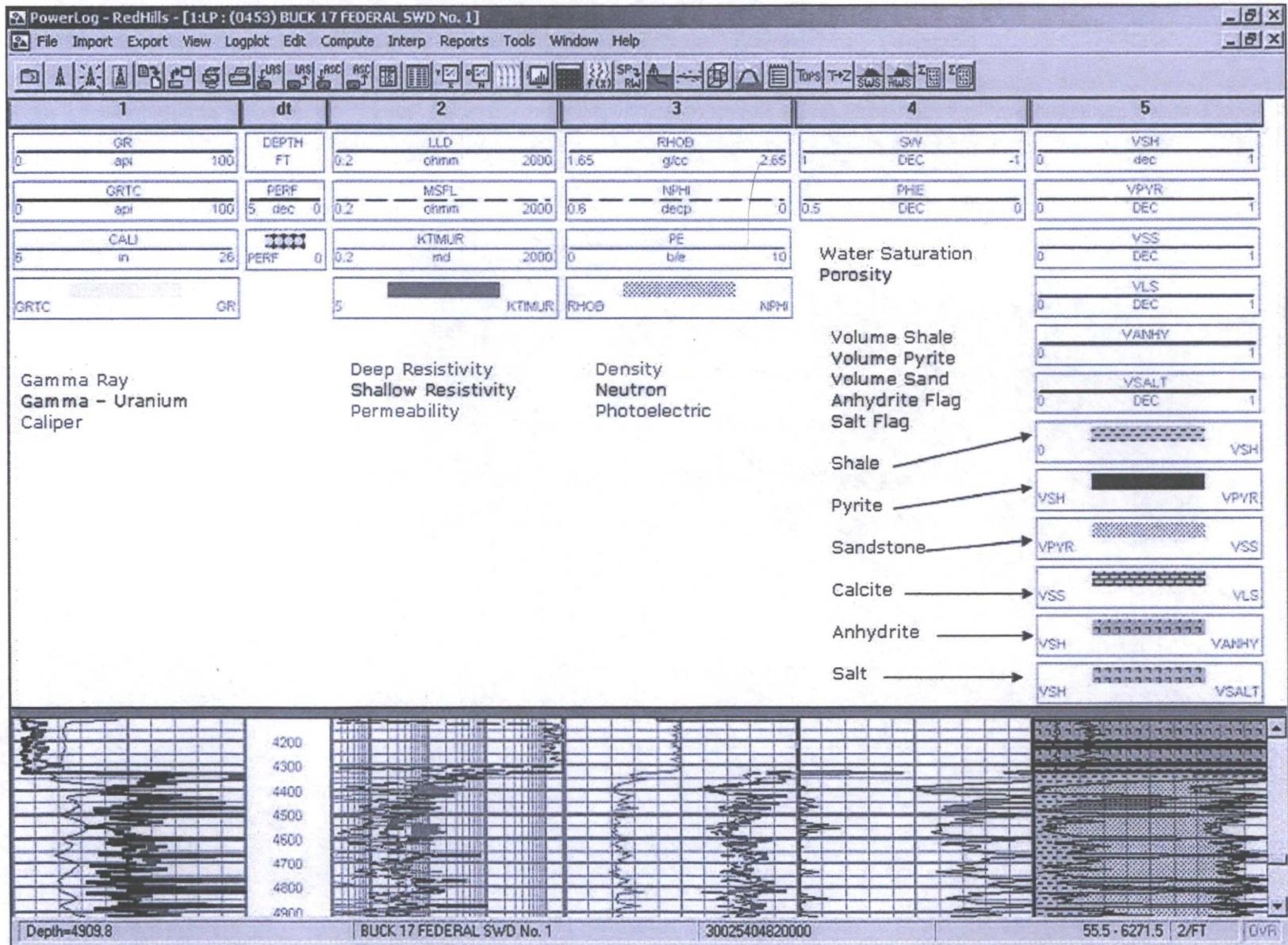
Notes:

- The Cherry Canyon top is correlated across this cross section as identified by Petroleum Information (PI) in the Costa, Forest #1 well (well #6 on the cross section).

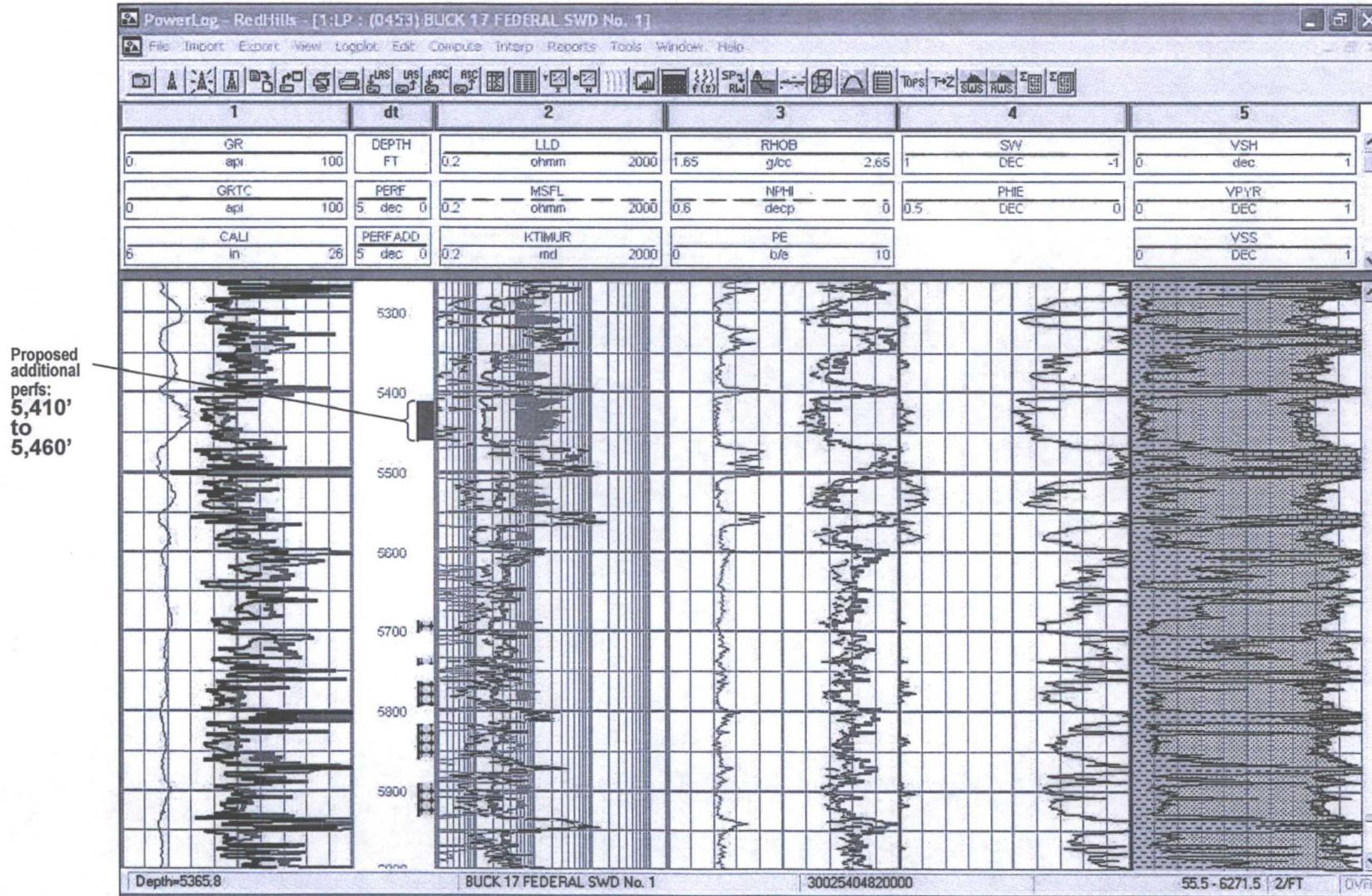
Petrophysical Methodology

- Calculate volume shale from gamma ray (based on x-ray from area DMG cores).
- Calculate porosity and lithology from shale-corrected, Neutron-Density-PE algorithms.
- Calculate water saturation using Modified Simandoux equation with RW of 0.07 from RWA.
- Calculate permeability from poroperm plots from area DMG cores (KCORE).
- Calculate permeability using modified Timur equation (KTIMUR)
- Sum averages over proposed perf intervals.

Description of Log Curves



Additional Proposed Disposal Zone in the ConocoPhillips Buck Federal 17 1SWD (purple) Along with Existing Perforations (hashed)



Existing Injection (disposal) Zone Average Sw's

WELL: BUCK 17 FEDERAL SWD No. 1
ZONE: 5686 - 5932 FT
DATE: 14 May 2012 @ 7:47

Discriminator(s): 1 Logic = AND
PERF >= .5

Curve Name	Units	NULL Count	Fail Count	Net Interval	Arithmetic Mean
RHIE	DEC	0	208	142-500	0.149
SW	DEC	0	208	142-500	0.985
KCORE	md	0	208	142-500	8.374
KTIMUR	md	0	208	142-500	5.152

Average water saturation (Sw) of 98.5% over the existing perf intervals.

KCORE from a core transform
KTIMUR from modified Timur Equation

Additional Proposed Disposal Zone Average Sw

Curve Statistics : (0453) BUCK 17 FEDERAL SWD No. 1

WELL: BUCK 17 FEDERAL SWD No. 1
ZONE: 5270 - 5500 FT
DATE: 28 Aug 2012 @ 5:57

Discriminator(s) : 1 :::: Logic = AND
PHIE >= .08

Curve Name	Units	NULL Count	Fail Count	Net Interval	Arithmetic Mean	Ge
PHIE	DEC	0	181	140.000	0.185	
SW	DEC	0	181	140.000	0.972	
KCORE	md	0	181	140.000	30.558	
KTIMUR	md	0	181	140.000	14.019	

Average water saturation (Sw) of 97.2% in the additional proposed disposal zone.

KCORE from a core transform
KTIMUR from modified Timur Equation

Proof of Notice

I hereby certify that notice has been provided by certified mail to the below listed parties of the Administrative Application of ConocoPhillips Company to amend Order 1316-A as it pertains to the disposal interval. Notice was mailed to the parties on February 26, 2013.

Sahara Operating Company
306 W. Wall Street # 1025
Midland, Tx 79701-5101

Bureau of Land Management
620 E. Greene Street
Carlsbad, New Mexico 88220

A handwritten signature in black ink, appearing to read 'Donna Williams', written over a horizontal line.

Donna Williams
Sr. Regulatory Advisor

U.S. Postal Service™
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7010 0290 0003 4536 6233

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Tot:	

Postmark
Here

Sent **Sahara Operating Company**
 Street or PO **306 W. Wall Street #1025**
 City **Midland, Tx 79701-5101**

PS Form 3800, August 2006

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Bureau of Land Management
620 E. Greene Street
Carlsbad, New Mexico 88220

2. Article Number
 (Transfer from service label)

7010 0290 0003 4536 7605

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Agent

Addressee

B. Received by (Printed Name)

LISA J Scott

C. Date of Delivery

2/28/13

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

Certified Mail

Express Mail

Registered

Return Receipt for Merchandise

Insured Mail

C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Friday, March 01, 2013 4:24 PM
To: Williams, Donna J (Donna.J.Williams@conocophillips.com)
Cc: Ezeanyim, Richard, EMNRD; Goetze, Phillip, EMNRD; Kautz, Paul, EMNRD
Subject: Proposed amendment of SWD-1316 and SWD-1316-A

Hello Donna,

We just received paperwork asking once again to add perforations up-hole in this well.

Please incorporate this paperwork into another Form C-108 application for disposal into this well over the new proposed depth range, with proof of notices, etc.

...and send the complete administrative application package to the engineering bureau.

We will log it in and process as a normal application.

Thank you,

William V. Jones, P.E.

505-476-3448W 505-476-3462F

Engineering Bureau, Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

3/17/13
~~3/17/12~~

(JFM)
~~(JFM)~~
~~(JFM)~~

Injection Permit Checklist (11/15/2010)

WFX _____ PMX _____ SWD 1316-B Permit Date 2/11/13 UIC Qtr _____

Wells 1 Well Name(s): Bucrd Federal SWD # 1

API Num: 30-025-~~1111~~ Spud Date: Not Yet New/Old: N (UIC primacy March 7, 1982).

Footages: 2284 FNL / 1950 FUL Unit F Sec: 17 Tsp 26S Rge 32E County LEA

General Location: JUST N. of TEXAS, NW of Red Lake

Operator: CONCO PHILLIPS COMPANY Contact BRIAN MAIORINO

OGRID: 217817 RULE 5.9 Compliance (Wells) _____ (Finan Assur) _____ IS 5.9 OK? OK

Well File Reviewed _____ Current Status: None yet

Planned Work to Well: _____

Diagrams: Before Conversion _____ After Conversion Elocs in Imaging File: NO + Drilled

Well Details:	Hole.....Pipe	Sizes	Setting Depths	Stage Tool	Cement Sx or Cf	Determination Method
New ___ Existing ___ Surface	<u>12 1/4 9 5/8</u>				<u>280</u>	<u>Surf</u>
New ___ Existing ___ Interm						
New ___ Existing ___ LongSt	<u>8 3/4 7</u>		<u>6300'</u>		<u>540</u>	<u>Surf</u>
New ___ Existing ___ Liner						
New ___ Existing ___ OpenHole						

Depths/Formations:	Depths, Ft.	Formation	Tops?
Formation(s) Above	<u>4937</u>	<u>Dal</u>	<input checked="" type="checkbox"/>
5410 Injection TOP:	5745	BS	<input checked="" type="checkbox"/>
<u>5932</u> Injection BOTTOM:	<u>5905</u>	<u>BS</u>	<input checked="" type="checkbox"/>
Formation(s) Below	<u>8254</u>	<u>BS</u>	<input checked="" type="checkbox"/>

Max. PSI 1157 OpenHole _____ Perfs
Tubing Size 3 1/2 Packer Depth 5700'

Capitan Reel2 _____ (Potash) _____ Noticed? _____ (WHP) _____ Noticed? _____ Salado Top/Bol 765 _____ Cliff Heaves? _____

Fresh Water: _____ Depths: 1025 Formation above Red Bay Wells? Analysis? Affirmative Statement

Disposal Fluid Analysis? Sources: Avalon, BS, etc

Disposal Interval: Analysis? Production Potential/Testing: Well - Below any Prod.

Notice: Newspaper Date 12/22/11 Surface Owner BLM (12/19) Mineral Owner(s) BLM

RULE 25.7(A) Affected Persons: Sahara O.P. CO (12/19)

AOR: Maps? Well List? Producing in Interval? NO Wellbore Diagrams? _____

.....Active Wells _____ Repairs? _____ Which Wells? _____

.....P&A Wells _____ Repairs? _____ Which Wells? _____

Issues: _____ Request Sent _____ Reply: _____

40482

GC

3526
1372

Handwritten scribbles and initials

Handwritten scribbles and initials