

DATE: 9/20/12	SUSPENSE	ENGINEER: WJS	LOGGERS: 9/20/12	TYPE: SWD	APP NO.: PWS 1228565617
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ABOVE THIS LINE FOR DIVISION USE ONLY

1319-A

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



ADMINISTRATIVE APPLICATION CHECKLIST

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

Application Acronyms:

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

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

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

Check One Only for [B] or [C]

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

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

[D] Other: Specify _____

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

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

*See ORIGINAL APPLICATION
 THIS ONLY FINALIZES WELL DEPTHS*

[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.

SANDRA BELT

Print or Type Name

Signature

Title

Date

e-mail Address

BOPCO, L. P.
6 DESTA DRIVE, SUITE 3700 (79705)
P. O. BOX 2760
MIDLAND, TEXAS 79702

(432) 683-2277

FAX (432) 687-0329

September 20, 2012

New Mexico Oil Conservation Division
Attn: Will Jones
1220 South St. Francis Drive
Santa Fe NM 87505

RE: Administrative Order SWD-1319
February 28, 2012
BEU Hackberry 34 Federal SWD #1
30-015-40288
UL A; NENE; Sec. 34, T19S, R31E
800' FNL 825' FEL;
Eddy County, New Mexico

2012 SEP 25 P 1:11
RECEIVED OOD

Dear Will:

BOPCO, L.P. would like to amend the SWD permit, SWD-1319 dated February 28, 2012. After drilling the well a couple of the depths have changed to what was permitted.

The well was drilled to a depth of **14,847'** and not 14,500. This would make our permitted disposal interval **13,755 to 14,847** and not 13,755 to 14,500'. The packer is set at 13,720' which would be 35' above the permitted interval of 13,755. The well has not commenced injection.

USED
BOTTOM
of
CASING
BTTT

Other questions of concern have been answered by our Geologist, Simianne C. Johnson-Hayden "The Hackberry well was mud logged while drilling, and open hole wireline logs were run to TD of 14,847'. No evidence of hydrocarbons was encountered in the open hole section either in samples, via gas monitoring equipment, or on logs, even though the well was drilled with a mud weight of 8.4-8.5 lbs/gal.

We drilled to a total depth of 14,847' because our intention was to drill rock formation (Dolomite) with potential storage capacity to maximize water disposal. We encountered Dolomites from 13,840' - 14,810', and after that depth encountered tight limestone and cherts. We continued drilling to get enough "rat hole" to get electric logs across the potential disposal section.

At total depth the mud loggers recorded Chert, Dolomite, Limestone and less than 10% sand, which we estimate to be the Montoya formation. It is uncertain whether the Fusselman is present in the section, therefore the base of the Devonian is presumed to be at or certainly no deeper than 14,847'."

Attached please find an updated wellbore diagram. A completion report (3160-4) will be filed within the next week to the BLM.

Please let us know of any other concerns and we will address them. Thank you for your consideration in amending the SWD permit.

Sincerely,

Sandra J. Belt

Sandra J. Belt
Sr. Regulatory Clerk

Jones, William V., EMNRD

From: Belt, Sandra J. <SJBelt@BassPet.Com>
Sent: Tuesday, August 28, 2012 8:26 AM
To: Jones, William V., EMNRD
Cc: Cruz, Carlos; Dade, Randy, EMNRD; Sharp, Karen, EMNRD
Subject: FW: BEU Hackberry 34 Federal SWD #1 30-015-40288
Attachments: 2495_001.pdf

Good morning Will – hope your day is going well. We have completed this well (completion soon to be filed) and the TD is 14,847 and the bottom of the casing is at 13,769. Packer will be at 13,700'. Permitted open-hole interval is 13,755' to 14,500' psi not to exceed 2751. Do we need to send a letter to amend the Order SWD-1319 dated 2.28.12? Thanks Will and you have a nice day.

From: midlandcopier@basspet.com [mailto:midlandcopier@basspet.com]
Sent: Tuesday, August 28, 2012 8:59 AM
To: Belt, Sandra J.
Subject: BEU Hackberry 34 Federal SWD #1 30-015-40288

BIG EDDY UNIT
Zero AOR wells
5 AOR AFFECTED PERSONS "
→ REVISION TO SWD-1319
TO REFLECT ACTUAL DEPTHS

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Tuesday, August 28, 2012 9:18 AM
To: 'Belt, Sandra J.'
Cc: Shapard, Craig, EMNRD
Subject: RE: BEU Hackberry 34 Federal SWD #1 30-015-40288

Sandra,

Did you log the open hole or mudlog it? If so, send a copy of that or those logs over the open hole interval.

This is 347 feet deeper than the permitted depths. Why did they stop there? What did they encounter at the total depth?... what type of rocks.

What does your geologist estimate as the Bottom of the Devonian formation at this well's location?

Thank You,

Will

From: Belt, Sandra J. [<mailto:SJBelt@BassPet.Com>]
Sent: Tuesday, August 28, 2012 8:26 AM
To: Jones, William V., EMNRD
Cc: Cruz, Carlos; Dade, Randy, EMNRD; Sharp, Karen, EMNRD
Subject: FW: BEU Hackberry 34 Federal SWD #1 30-015-40288

Good morning Will – hope your day is going well. We have completed this well (completion soon to be filed) and the TD is 14,847 and the bottom of the casing is at 13,769. Packer will be at 13,700'. Permitted open-hole interval is 13,755' to 14,500' psi not to exceed 2751. Do we need to send a letter to amend the Order SWD-1319 dated 2.28.12? Thanks Will and you have a nice day.

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Sent: Tuesday, August 28, 2012 8:59 AM
To: Belt, Sandra J.
Subject: BEU Hackberry 34 Federal SWD #1 30-015-40288

Jones, William V., EMNRD

From: Johnson-Hayden, Simianne <SJHayden@BassPet.Com>
Sent: Thursday, August 30, 2012 12:55 PM
To: Jones, William V., EMNRD
Cc: Cruz, Carlos; Belt, Sandra J.
Subject: RE: BEU Hackberry 34 Federal SWD #1 30-015-40288

Dear Mr. Jones,
Please see notes below for response to your questions of August 28th:

- 1) Yes, we mudlogged and ran open hole electric logs to TD. (I can provide electronic pdf files or hard copies of the required logs)
- 2) We drilled to 14,847' because our intended reason for drilling this well was to drill rock formation (Dolomite) with potential storage capacity to maximize water disposal. We encountered Dolomites from 13,840' – 14,810', and after that depth encountered tight limestone and cherts. We continued drilling to get enough "rat hole" to get electric logs across the potential disposal section.
- 3) At total depth the mudloggers recorded Chert, Dolomite, Limestone and less than 10% sand, which we estimate to be the Top of the Montoya formation. It is uncertain whether the Fusselman is present in the section, therefore the base of the Devonian is presumed to be at or certainly no deeper than 14,847'.

If you have additional questions, please feel free to call me or email.

Simianne C. Johnson-Hayden
Geologist
BOPCO, L.P.
201 Main Street, Suite 2900
Fort Worth, TX 76102
817-390-8664 - office
817-726-6983 - cell
sjhayden@basspet.com
817-390-8626 - fax

From: Cruz, Carlos
Sent: Wednesday, August 29, 2012 8:48 AM
To: Johnson-Hayden, Simianne
Subject: Fw: BEU Hackberry 34 Federal SWD #1 30-015-40288

Simianne,

Can you answer Will's questions on the Hackberry?

Thanks,

Carlos

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Monday, September 24, 2012 2:28 PM
To: 'Belt, Sandra J.'; 'sjhayden@basspet.com'
Subject: RE: BEU Hackberry 34 Federal SWD #1 30-015-40288

Hello Sandra,
Just checked today and if you have already sent, I can't seem to find the cover letter and new wellbore diagram. This doesn't need to be computer drawn or elaborate – I actually like the hand drawn ones best.

Let me know if I can help?

Regards,

Will Jones

From: Jones, William V., EMNRD
Sent: Thursday, August 30, 2012 4:57 PM
To: 'Belt, Sandra J.'; 'sjhayden@basspet.com'
Cc: Shapard, Craig, EMNRD; Ezeanyim, Richard, EMNRD
Subject: BEU Hackberry 34 Federal SWD #1 30-015-40288

Hello Simianne and Sandra,
Thanks for the info and phone call,

Did your mudlog pick up any indication of hydrocarbon productivity in the open hole?
Did you guys send copies of the elogs to our Hobbs office for scanning?

Sandra – please send an updated wellbore diagram showing the new depths (and put formation tops on it also) and a cover letter asking for the amended permit. The cover letter should have the operator name of this well, operators address, the well name and API number, reference the existing permit number, etc. – everything I would need to issue an amended permit. Please incorporate the geologists comments in the cover letter about productivity, probable top of the Devonian and Montoya formations, etc.

Send the letter/well diagram package to me to look over and I will see what the boss/attorney says about re-noticing.

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

Jones, William V., EMNRD

From: Belt, Sandra J. <SJBelt@BassPet.Com>
Sent: Wednesday, October 03, 2012 3:33 PM
To: Jones, William V., EMNRD
Subject: RE: BEU Hackberry 34 Federal SWD #1 30-015-40288

Good afternoon Will – just checking on this one to see if anything further needs to be done or sent in.

I will be leaving BOPCO, my last day is next Friday the 12th. I also have 3 I will be working on before then, man that's pushing it. They will be new drills. Do you have an idea on how we might prevent these kind of issues coming up with them? If we think our TD is going to be 14,200 can I show 14,700 on the application and show our open hole interval as To 14,700' and then if we drill to 14,400 we will be okay and within the interval. The top interval won't be a problem cause we will just show it at the top of the Devonian, etc. Does this sound like it will work? Thanks Will and you have a good one

From: Jones, William V., EMNRD [<mailto:William.V.Jones@state.nm.us>]
Sent: Monday, September 24, 2012 3:28 PM
To: Belt, Sandra J.; Johnson-Hayden, Simianne
Subject: RE: BEU Hackberry 34 Federal SWD #1 30-015-40288

Hello Sandra,
Just checked today and if you have already sent, I can't seem to find the cover letter and new wellbore diagram. This doesn't need to be computer drawn or elaborate – I actually like the hand drawn ones best.

Let me know if I can help?

Regards,

Will Jones

From: Jones, William V., EMNRD
Sent: Thursday, August 30, 2012 4:57 PM
To: 'Belt, Sandra J.'; 'sjhayden@basspet.com'
Cc: Shapard, Craig, EMNRD; Ezeanyim, Richard, EMNRD
Subject: BEU Hackberry 34 Federal SWD #1 30-015-40288

Hello Simianne and Sandra,
Thanks for the info and phone call,

Did your mudlog pick up any indication of hydrocarbon productivity in the open hole?
Did you guys send copies of the elogs to our Hobbs office for scanning?

Sandra – please send an updated wellbore diagram showing the new depths (and put formation tops on it also) and a cover letter asking for the amended permit. The cover letter should have the operator name of this well, operators address, the well name and API number, reference the existing permit number, etc. – everything I would need to issue an amended permit. Please incorporate the geologists comments in the cover letter about productivity, probable top of the Devonian and Montoya formations, etc.

Send the letter/well diagram package to me to look over and I will see what the boss/attorney says about re-noticing.

Jones, William V., EMNRD

From: Johnson-Hayden, Simianne <SJHayden@BassPet.Com>
Sent: Thursday, August 30, 2012 5:18 PM
To: Jones, William V., EMNRD; Belt, Sandra J.
Cc: Shapard, Craig, EMNRD; Ezeanyim, Richard, EMNRD
Subject: Re: BEU Hackberry 34 Federal SWD #1 30-015-40288

No indications of hydrocarbons in the open hole interval.

From: Jones, William V., EMNRD [<mailto:William.V.Jones@state.nm.us>]
Sent: Thursday, August 30, 2012 05:56 PM
To: Belt, Sandra J.; Johnson-Hayden, Simianne
Cc: Shapard, Craig, EMNRD <craig.shapard@state.nm.us>; Ezeanyim, Richard, EMNRD <richard.ezeanyim@state.nm.us>
Subject: BEU Hackberry 34 Federal SWD #1 30-015-40288

Hello Simianne and Sandra,
Thanks for the info and phone call,

Did your mudlog pick up any indication of hydrocarbon productivity in the open hole?
Did you guys send copies of the elogs to our Hobbs office for scanning?

Sandra – please send an updated wellbore diagram showing the new depths (and put formation tops on it also) and a cover letter asking for the amended permit. The cover letter should have the operator name of this well, operators address, the well name and API number, reference the existing permit number, etc. – everything I would need to issue an amended permit. Please incorporate the geologists comments in the cover letter about productivity, probable top of the Devonian and Montoya formations, etc.

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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

From: Jones, William V., EMNRD
Sent: Tuesday, August 28, 2012 9:18 AM
To: 'Belt, Sandra J.'
Cc: Shapard, Craig, EMNRD
Subject: RE: BEU Hackberry 34 Federal SWD #1 30-015-40288

Sandra,
Did you log the open hole or mudlog it? If so, send a copy of that or those logs over the open hole interval.

CURRENT WELLBORE DIAGRAM

Lease: Big Eddy Unit Hackberry 34 Federal #1 SWD
 Injection

Well No.: 1

Reservoir: Devonian

Location: 800' FNL & 825' FEL, Sec 34, T19S, R31E

County: EDDY St: NM

API: 30-015-40288

Surface Csg.

Size: 20"
 Wt: 94#
 Grd: J-55
 Set @: 852'
 Sxs cmt: 1,695 sxs CI H
 TOC: Surface
 Hole Size: 26"

Intermediate Csg. 1

Size: 16"
 Wt: 84#
 Grd: HCN-80
 Set @: 2588'
 Sxs Cmt: 1655 sxs CI C
 TOC: Surface
 Hole Size: 18 7/8"

Intermediate Csg. 2

Size: 10 3/4"
 Wt: 45.5#
 Grd: N-80
 Set @: 4427'
 Sxs Cmt: 2345 CI C
 TOC: Surface
 Hole Size: 14 3/4"

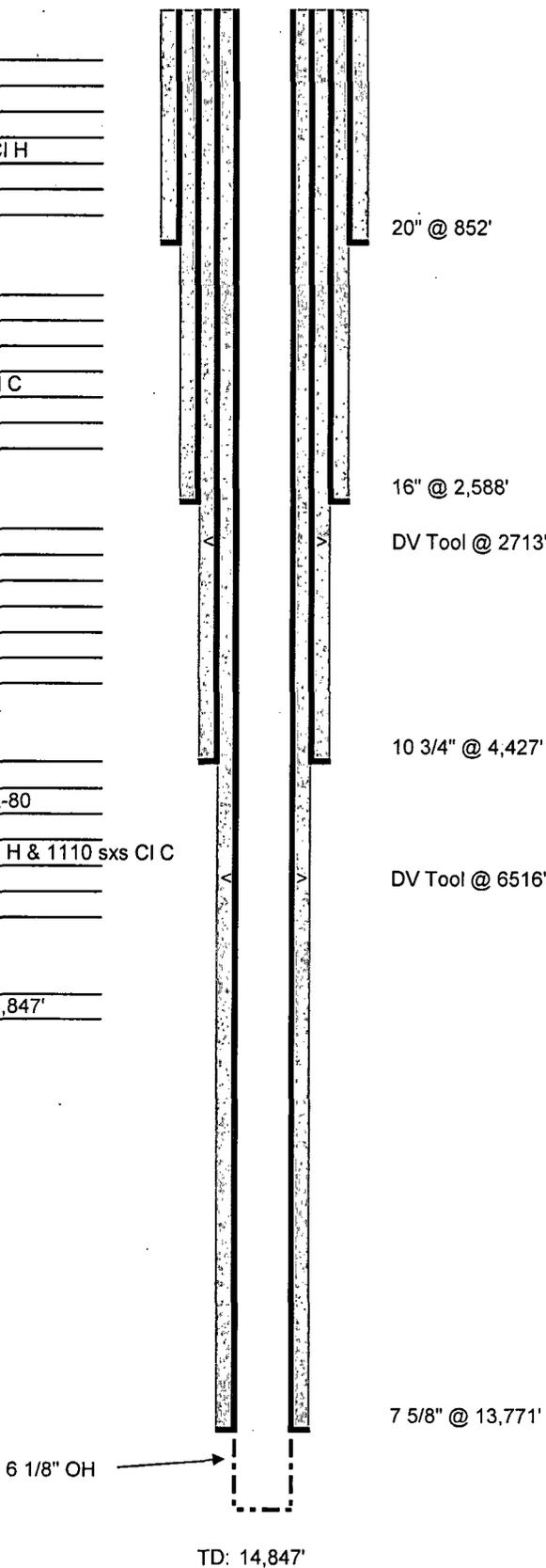
Production Csg.

Size: 7 5/8"
 Wt: 39#
 Grd: L-80 & HCL-80
 Set @: 13,771'
 Sxs Cmt: 2170 sxs CI H & 1110 sxs CI C
 TOC: Surface
 Hole Size: 9 7/8"

Open Hole

Size: 6 1/8"
 Depth: 13,771' - 14,847'

Elevation GL:	3,467.30
Elevation KB:	3,492.80
Spud:	6/6/2012
Completed	



Updated: 8/31/2012
 Author: crm
 Engr: CCC

WELL REPORT SUMMARY - FORMATION TOPS AND PAY ZONES

OPERATOR: BOPCO, L.P.
 WELL: BEU Hackberry 34 Federal No. 1 SWD
 LOCATION: 800' FNL & 825' FEL, Section 34, T19S-R31E
 KB: 3493'
 TD: 14,847'
 API#: 30 015 40288

GEOLOGIST: *Simianne C. Johnson-Hayden* DATE: 9/4/2012

DATA TYPE USED FOR ANALYSIS: Open Hole Log - PEX

This is a vertical hole, there were 3 open hole logging runs including FMI, Dipole Sonic and Rotary Sidewall cores. This well was drilled as a Devonian salt water disposal well

PROPRIETARY FORMATION TOPS AND PAY ZONES

FORMATION TOP	DEPTH	PAY ZONE	PAY ZONE SUMMARY/COMMENTS
Rustler	972'		
Salado	1,360'		
Base of Salt	2,230'		
Yates	2,421'		
Reef	2,740'		
Delaware Mtn. Group	4,120'		
Old Indian Draw	4,230'		
BELL & Rodke Pay	5,280'		
Brushy Canyon	5,740'		
Brushy Canyon "I" sand	5,968'		
Shell Zone	6,188'		
Brushy Canyon "S" sand	6,550'		
Brushy Canyon "T" sand	6,600'		
Brushy Canyon "U" sand	6,644'		
Lower Brushy Canyon	6,740'		
LBC "Marker"	6,762'		
LBC "V"	6,792'		
LBC "W"	6,826'		
LBC "X"	6,871'		
LBC "Y"	6,924'		LBC unproven in this area. But data is encouraging. Fair-Gd Mudlog show, 20% Bright Yellow Fluor., sml amt oil on shaker screen. 32">9% porosity, Log calculated Sws mostly 57-58%. Rotary SWCores Sws 31-38%; So=18-22%; FMI supports bypass zone.?
Cut off Shale	7,000'		
Bone Spring Lime	7,014'		
Upper Avalon Shale	7,540'		no gas increase over zone
Base of Ur. Avalon	7,608'		
Lower Avalon Shale	7,834'		100-400 unit gas increase; total gas 500 units
Base of Lr. Avalon	7,954'		
Bone Spring 1 Sand	8,334'		Fair oil show, oil on shaker at 8470-80'. Very tite, porosity <8%; cores show Sws=24-77%; Only 1' >9% by logs (not supported by RswCores)
Bone Spring 1 Shale	not present		
Bone Spring 1 Carbonate	8,620'		
Bone Spring 2A' Sand	8,972'		Very gd oil show; 70% BYFluor.; 400unit gas increase. 9' > 9% Density Porosity by logs. RswCore data show Sws=26-73% & some inconsistency with log porosity. So=13-21%. Primary potential pay zone for area. Over all very encouraging.
Bone Spring 2A Sand	9,084'		No oil show, Gas falls off in lower part of section. Very tite-3' > 9% Density Porosity by logs. RswCore data show slightly higher porosity than e logs, Core Sws=21-75%. So=9-15%.
Lime	9,150'		
Bone Spring 2B Sand	9,156'		Good-Very Gd oil show; 40-50% BYFluor; 400 unit gas increase. 36'-9% Density porosity by logs. RswCore data show fairly consistent porosity with logs. 6-12.6%; Sws=27-68%; So=10.5-18.6%. Primary potential pay zone for area. Very encouraging.
Bone Spring 2 Carbonate	9,460'		
Bone Spring 3 Sand	9,922'		
Wolfcamp	10,294'		
Strawn	11,178'		
Atoka	11,500'		11850-910': Gas=50-1000unit increase with 25' flare and 40-50% BGrn Fluor. Mudded up from 9.9-10.8lb. Electric logs do not confirm pay, Low resistivity.
Morrow	12,112'		
Middle Morrow "A" sd	12,292'		
Middle Morrow "B" sd	12,371'		12,410-50': Big sand, reverse drill break? Calculates as pay. Produces in area.
Lower Morrow	12,592'		
Barnett	12,752'		
Mississippian Lime	13,075'		
Woodford	13,651'		
Devonian	13,771'		
Montoya	14,790'		
Simpson (estimated)	14,840'		

Primary Pay Zone
 Probable pay
 Possible pay

BLM FORMATION TOPS AND DESCRIPTIONS

FORMATION	MD
Rustler	972'
Salado	1,360'
base/Salt	2,230'
Dela. Mtn. Group	4,120'
Bell Canyon	4,230'
Cherry Canyon	4,930'
Lo. Cherry Canyon	unknown
Brushy Canyon	5,740'
Lower Brushy Canyon	6,740'
Bone Spring	7,014'
Wolfcamp	10,294'
Strawn	11,178'
Atoka	11,500'
Morrow	12,112'
Barnett	12,752'
Mississippian Lime	13,075'
Woodford	13,651'
Devonian	13,771'
Montoya	14,790'

or 14847 See white pdf

Jones, William V., EMNRD

From: Belt, Sandra J. [SJBelt@BassPet.Com]
Sent: Tuesday, February 28, 2012 6:37 AM
To: Jones, William V., EMNRD
Subject: FW: Disposal application from BOPCO, LP: proposed BEU Hackberry 34 Federal #1 (30-015-NA) 800FNL 825FEL A/34/19S/31E Eddy

Good morning Will. If this doesn't answer all of your questions just let me know and you have a good one. (sorry for the delay)

From: Johnson-Hayden, Simianne
Sent: Wednesday, February 22, 2012 9:54 AM
To: Belt, Sandra J.; Cruz, Carlos
Cc: Pregger, Brian; Deans, Jack; Hillis, George
Subject: RE: Disposal application from BOPCO, LP: proposed BEU Hackberry 34 Federal #1 (30-015-NA) 800FNL 825FEL A/34/19S/31E Eddy

Sandra and Carlos:

I am the Geologist on this well. FYI a Geological Prognosis was issued on 11/21/2011 which would answer all but the last of Mr. Jones's questions; however, I will respond here as well. See below answers in **RED**:

Would you ask your geologist to estimate these formation depths:

Top and bottom of Salado Salt: **Top of Salt: +2680 ss; Base of Salt: +1470 ss**

Top and bottom of Capitan Reef: **Top of Capitan: +690 ss; Base of Capitan: -850 ss**

Top and bottom of the Devonian formation: **Top of Devonian: -10250 ss; Base of Devonian: -11250 ss**

*Devonian
~ 2484' (KB)*

(= 14734')

Also, will you guys be mudlogging the Devonian? And what sort of elogs will you run over the Devonian?

We will mudlog the entire well, including the Devonian. Currently we plan to run GR-DEN-NEU/HRLA/BHC across the interval that includes the Devonian

Is the Devonian on any structure or closure in this area? Is there any regional structure map of the Devonian – send a copy if you can generate one.

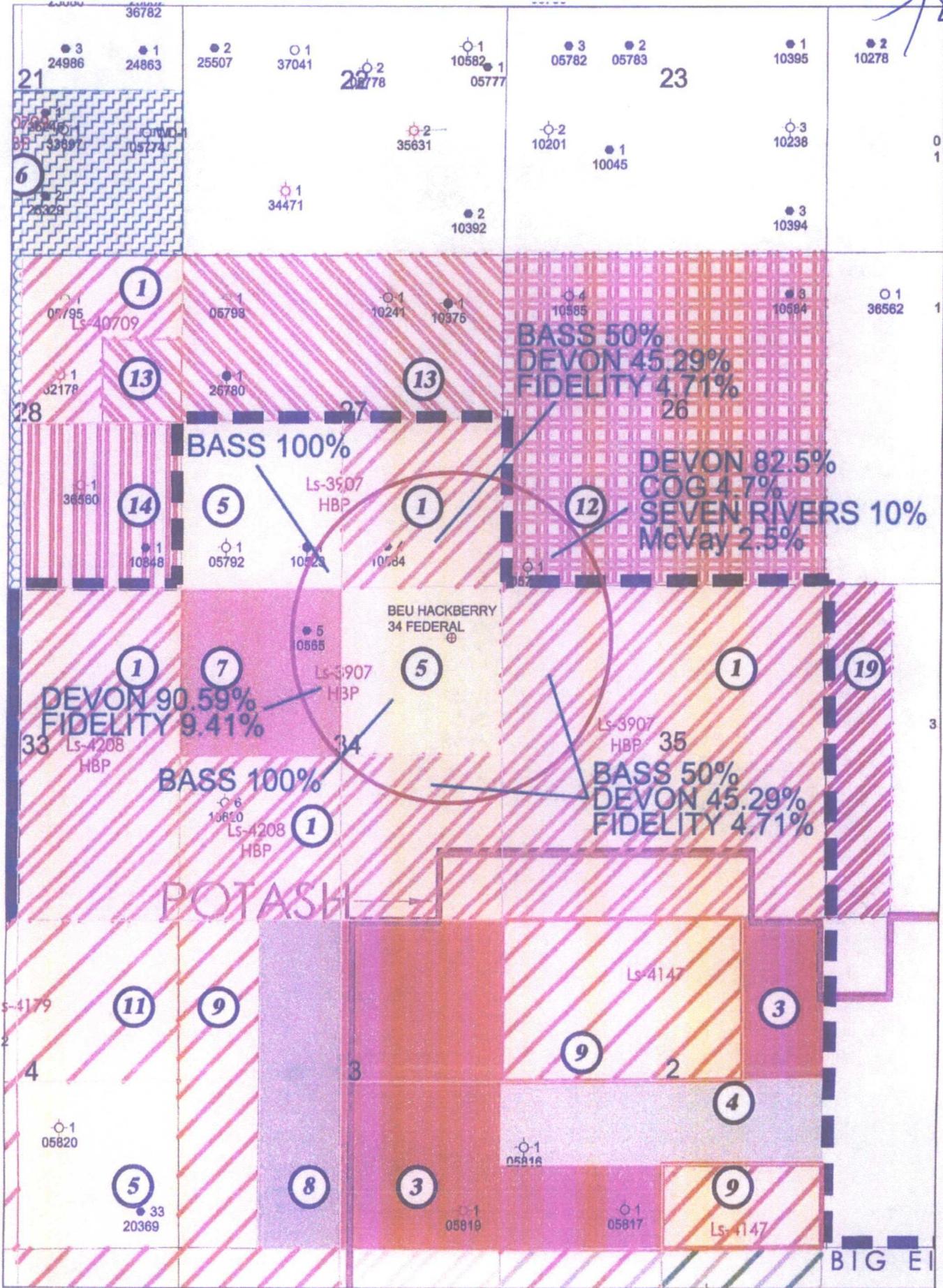
No, the Devonian is not on a closed structure at this location.

Simianne C. Johnson-Hayden
Geologist
BOPCO, L.P.
A Bass Legacy Company
201 Main Street, Suite 2900
Fort Worth, TX 76102

FROM ORIGINAL APPLICATION

(4 pages) 1/4

3/4



Belt, Sandra J.

4/4

From: McBroom, John
Sent: Wednesday, January 18, 2012 2:58 PM
To: Belt, Sandra J.
Subject: Hackberry 34 SWD
Attachments: 20120117104723886.pdf

Sandra,

Attached is a plat showing the WI owners within a ½ mile radius of the Hackberry 34 SWD well. Also, below are the addresses for the respective companies. Please be sure to let me know if you need anymore information.

Devon
20 N. Broadway #1500
Oklahoma City, Ok 73102

COG Operating
500 Wall St.
Midland, Tx. 79701

McVay Drilling
POB 1348
Hobbs, NM 88241

Seven Rivers, Inc.
POB 1598
Carlsbad, NM 88220

Fidelity Exploration and Production Co.
625 Broadway #1800
Denver, CO 80202

Thanks,

John P. McBroom
BOPCO, L.P.
A Bass Legacy Company
201 Main St., Suite 2900
Fort Worth, Texas 76102
(817) 339-7185 Office
(817) 339-7102 Fax
jmcbroom@basspet.com