

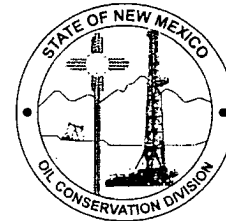
State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John H. Bemis
Cabinet Secretary

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

Jami Bailey
Director
Oil Conservation Division



Apache Corp.
Attn: Mr. Dean Heath

April 12, 2012

Re: Northeast Drinkard Unit Well No. 606 (API No. 30-025-06587)

Northeast Drinkard Unit Water Flood Project
3375 FSL and 3225 FEL, Unit F
Section 15, T21S, R37E, NMPM, Lea County
Blinebry, Tubb and Drinkard formations

You have submitted a request on behalf of Apache for clarification of the allowable packer setting depth.

Your sundry requests a new packer setting depth of 5565 feet while the existing permit WFX- 759 states the allowable packer setting depth is "approximately 5600 feet". Your sundry also states the well's permitted injection interval is currently 5550'- 6750'.

Records indicate the top of the unitized interval is approximately 5535 feet. The requested packer seat is within the unitized interval and should be approved.

The well shall pass a mechanical integrity test ("MIT") prior to commencing disposal and prior to resuming disposal each time the disposal packer is unseated. All MIT testing procedures and schedules shall follow the requirements in Division Rule 19.15.26.11A. NMAC.

Your new packer seat at 5565feet is hereby **approved**.

Sincerely,

for Jami Bailey
Director

JB/tw
cc: Oil Conservation Division – Hobbs
File: API No. 30-025-06587 & WFX-759



Warnell, Terry G, EMNRD

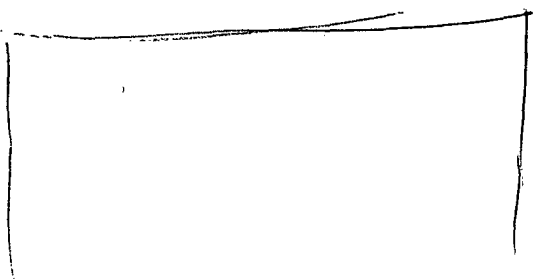
Apache

From: Dean, Heath [Heath.Dean@apachecorp.com]
Sent: Monday, April 09, 2012 1:28 PM
To: Warnell, Terry G, EMNRD
Subject: Fwd: NEDU #606W
Attachments: 20120409130350453.pdf; ATT00001..htm

Well bore diagram for northeast drinkard unit #606

Sent from my iPhone

Begin forwarded message:



30-025-06587

✓ IPI 185 (1375 PSI unit wide)

VWFX 759

~~WFX 674~~

~~WFX 579 - 2~~

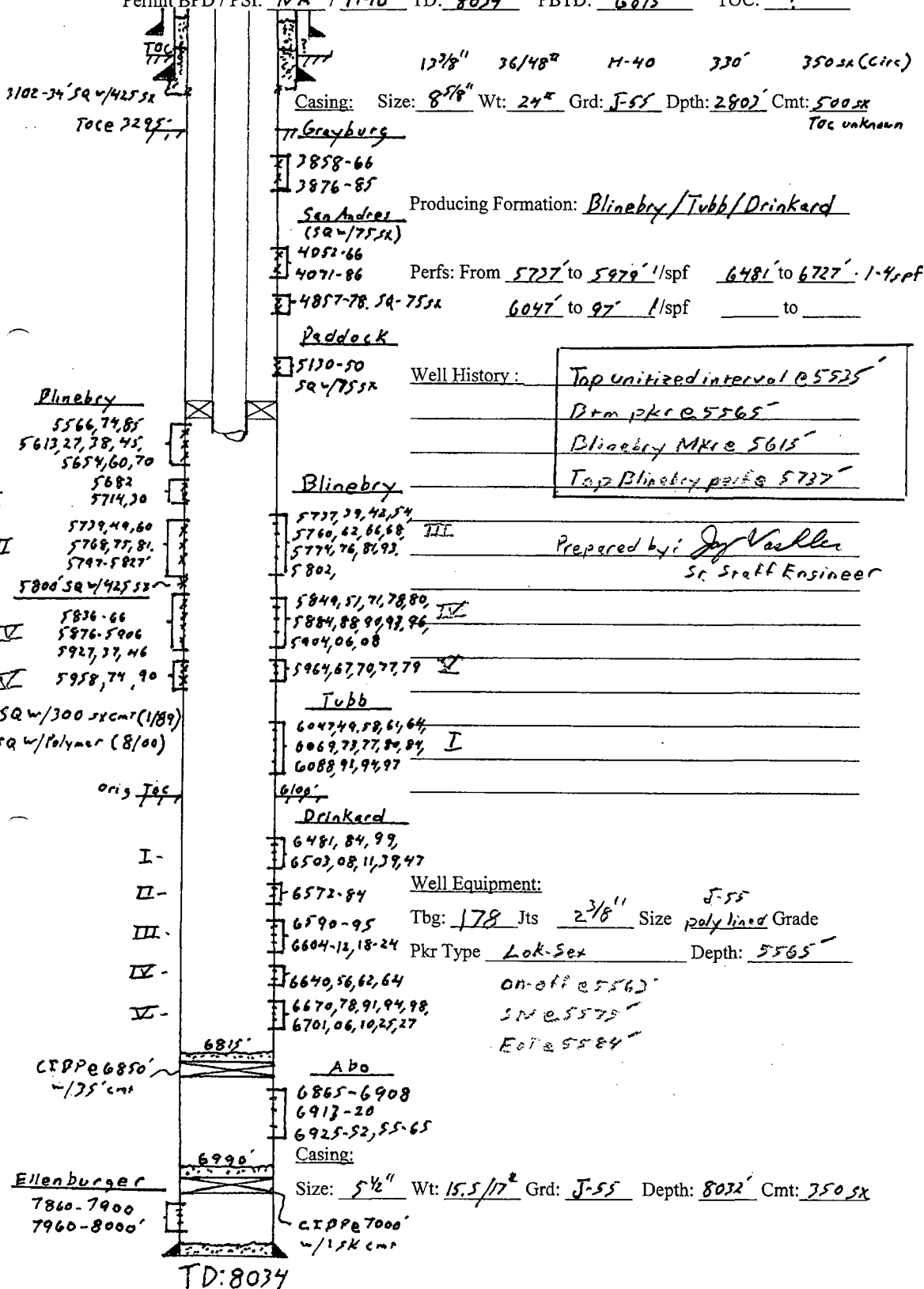
VR-8541 ✓ - WFF load project

5530' - 6680' (3251' SubSec)

R-8541

WELL DATA SHEET

Last Update: 4-9-12

Lease Name: NEDU #606WAPI No: 30-025-06587Location: 1905'N/2055'WUnit F, Sec 15, T-21S, R-37ECounty: LeeST: NMInjection Order Date: 5-8-00Spud Date: 12-16-50Well Elev: 3427' GL 12' KBInjection Order No: WFX-759TD Date: 2-4-51Completion Date: 2-14-51Permit BPD / PSI: MA / 1140TD: 8034'PBSD: 6815'TOC: ?

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

Electrical Log

113751

COUNTY <u>Lea</u> FIELD or LOCATION <u>Drinkard</u> WELL <u>NO. DRUNSON</u> N.E.D.U. # <u>606</u> COMPANY <u>Cities Serv. Oil Co.</u>	COMPANY <u>CITIES SERVICE OIL</u>	Location of Well 3375' fr S/L 3225' fr E/L Sec. 15-21S-37E 4000215770 <i>MASSEY</i>
	COMPANY _____	
	WELL <u>STATE S-3</u>	
	<u>NEDU #606</u> <u>Drinkard</u> FIELD <u>NO. DRUNSON</u>	
	LOCATION SEC. 15-21S-37E	
COUNTY <u>LEA</u>	Elevation: D.F. <u>3447'</u> K.B.: _____ or G.L.: _____	
STATE <u>NEW MEXICO</u>	FILING No. _____	

RUN No.	1				
Date	2-4-51				
First Reading	2027				
Last Reading	2806				
Feet Measured	5221				
Csg. Schlum.	2806				
Csg. Driller	2800				
Depth Reached	8030				
Bottom Driller	8034				
Depth Datum	RT - 13.1' abv. G.L.				
Mud Nat.	Caustic Obr.				
" Density	10.2				
" Viscosity	44				
" Resist.	1.02 @ 65°F	@ °F	@ °F	@ °F	@ °F
" Res. BHT	.43 @ 110°F	@ °F	@ °F	@ °F	@ °F
" pH	10.3 @ °F	@ °F	@ °F	@ °F	@ °F
" Wtr. Loss	5 CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	110				
Bit Size	6 3/4"				
Spcgs.—AM	10"				
AO	32" LS				
AO	19"				
Opr. Rig Time	4 1/2 hrs.				
Truck No.	504-Hobbs				
Recorded By	Young				
Witness By					

ANNOTATED

