

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88310

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

June 19, 2008

HOBBS OCE

APR 17 2012

RECEIVED

CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-06587

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B0-1481-0018

7. Lease Name or Unit Agreement Name

Northeast Drinkard Unit

8. Well Number 606

9. OGRID Number

873

10. Pool name or Wildcat

Eunice; B-T-D, North (22900)

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: ☐ Oil Well ☐ Gas Well ☒ Other: Injection

2. Name of Operator

Apache Corporation

3. Address of Operator

303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705

4. Well Location

Unit Letter F : 3375 feet from the South line and 3225 feet from the East line

Section 15

Township 21S

Range 37E

NMPM

County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3437' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPL ☐

DOWNHOLE COMMINGLE ☐

OTHER:

☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

P AND A ☐

CASING/CEMENT JOB ☐

OTHER: NEW APPROVED PACKER SETTING DEPTH

☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Please find attached approval documentation from Santa Fe permitting Apache to set packer outside of the 100' range of top perf for work performed on this well in March, 2012 to repair a leak.

PKR. Set 167' Above PERFS -
PKR @ 5570'

Spud Date: 12/16/1950

Rig Release Date:

WEX-759

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

SIGNATURE

Reesa Holland

TITLE Sr. Staff Engr Tech

DATE 04/16/2012

Type or print name Reesa Holland

E-mail address: Reesa.Holland@apachecorp.com

PHONE: 432/818-1062

For State Use Only

APPROVED BY:

[Signature]

TITLE

STAFF MGR

DATE

4-18-2012

Conditions of Approval (if any):

APR 18 2012

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
Blinbry, 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,

A handwritten signature in black ink, appearing to read "Jami Bailey", with a stylized flourish at the end.

for Jami Bailey
Director

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



Apache

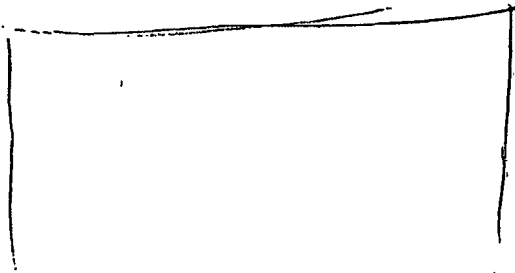
Warnell, Terry G, EMNRD

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)

✓ WFX 759

~~WFX 674~~

~~WFX 579 - ?~~

VR-8541 ✓ - WFF load project

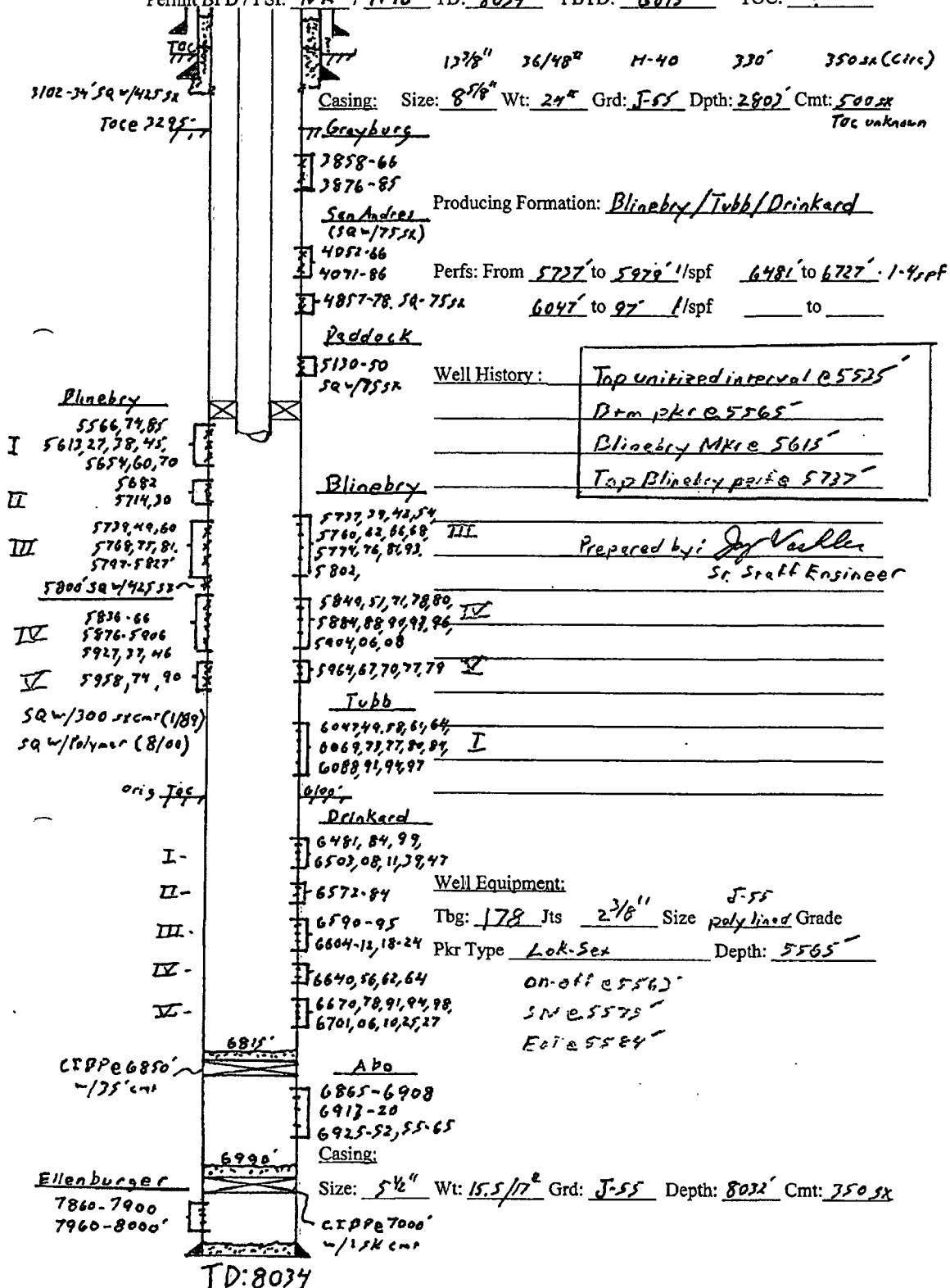
5530' - 6600' (3251' Sub Sea)

R-8541

WELL DATA SHEET

Last Update: 4-9-12

Lease Name: NEDU #606W API No: 30-025-06587
 Location: 1905'W/2055'S Unit F, Sec 15, T-21S, R-27E County: Lee ST: NM
 Injection Order Date: 5-8-00 Spud Date: 12-16-50 Well Elev: 2427' GL 12" KB
 Injection Order No: WFX-759 TD Date: 2-4-51 Completion Date: 2-14-51
 Permit BPD / PSI: NA / 1140 TD: 8034' PBD: 6815' TOC: ?



SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

113751

Electrical Log

COUNTY <u>Lea</u> FIELD or LOCATION <u>Drinkard</u> WELL <u>Drinkard</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 5-3</u>	
	<u>NEBU #606</u>	
	FIELD <u>Drinkard</u> <u>NO. BRUNSON</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	3027				
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	.49 @ 110°F	@ °F	@ °F	@ °F	@ °F
" pH	10.5 @ °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"				
Spchs.—AM	10"				
AO	32" LS				
AO	19"				
Opr. Rig Time	4 1/2 hrs.				
Truck No.	504-Hobbs				
Recorded By	Young				
Witness By					

ANNOTATED

