

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-34887
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B0-9188-0008
7. Lease Name or Unit Agreement Name Northeast Drinkard Unit (NEDU) / 22503
8. Well Number 624
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

2. Name of Operator

Apache Corporation

3. Address of Operator

303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705

4. Well Location

Unit Letter C : 1250 feet from the North line and 1368 feet from the West line
Section 15 Township 21S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3444' 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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache would like to reactivate this well, per the following: (WBD's attached)

1. PU workstring and RIH with bit and drill out CIBP @ 5470' and CIBP @ 5510'. Clean out wellbore to PBTD @ 6776'. POOH.
2. RIH with workstring and 5-1/2" treating packer. Acidize Tubb and Drinkard intervals with 7,500 gallons 15% HCl acid. POOH.
3. RIH w/ 2-7/8" production tubing and set seat nipple at ~ 6725'.
4. Set 640 unit and return well to production.

Spud Date:

4/17/2000

Rig Release Date:

4/30/2000

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

SIGNATURE

Reesa Fisher

TITLE Sr. Staff Reg Analyst

DATE 6/6/2019

Type or print name Reesa Fisher

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

PHONE: (432) 818-1062

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer

DATE

06/12/19

Conditions of Approval (if any):



Downhole Well Profile w Cement

Well Name: NEDU 624 TA

API/Surface Loc 3002534887		Surface Legal Location 1250' FNL, 1368' FWL, Unit C, Sec 15, T-21S, R-37E		Field Name Eunice(North) Bld		State/Province New Mexico		
Spud Date 4/17/2000		Original KB Elevation (ft) 3,457.0		Ground Elevation (ft) 3,444.0		Comment		
Production, NORTHEASTDRINKARD UNIT 624 - Original Hole, 6/3/2019 3:11:28 PM								
Vertical schematic (proposed)		Casing Strings						
		Csg Des	OD (in)	ID (in)	Wall Len (ft)	Grade	Set Depth (ftKB)	
		Surface						1,213.00
		Prod 1						6,860.00
		Cement						
		String Surface, 1,213.00ftKB, 8 5/8	Description Surface Cement - 460 sx	Top Depth (ftKB) 13.00	Bottom Depth (ftKB) 1,213.00	Top Meas Meth Returns at Surface	Start Date 4/18/2000	
String Prod 1, 6,860.00ftKB, 5 1/2	Description PBTD	Top Depth (ftKB) 6,776.00	Bottom Depth (ftKB) 6,860.00	Top Meas Meth	Start Date 5/2/2000			
String Prod 1, 6,860.00ftKB, 5 1/2	Description Production Cement - 1400 sx	Top Depth (ftKB) 170.00	Bottom Depth (ftKB) 6,860.00	Top Meas Meth Cement Bond Log	Start Date 5/2/2000			
String Prod 1, 6,860.00ftKB, 5 1/2	Description CIBP - 35' cmt	Top Depth (ftKB) 5,435.00	Bottom Depth (ftKB) 5,470.00	Top Meas Meth Tag	Start Date 6/5/2015			
		Perforations						
		Date	Type	Top (ftKB)	Blm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	
		5/12/2000	Blinebry	5,557	5,562	4.0	24	
		5/12/2000	Blinebry	5,574	5,576	4.0	12	
		5/12/2000	Blinebry	5,584	5,595	4.0	48	
		5/12/2000	Blinebry	5,602	5,604	4.0	12	
		5/12/2000	Blinebry	5,608	5,626	4.0	76	
		5/12/2000	Blinebry	5,632	5,640	4.0	36	
		5/12/2000	Blinebry	5,645	5,647	4.0	12	
		5/12/2000	Blinebry	5,665	5,671	4.0	28	
		5/12/2000	Blinebry	5,686	5,712	4.0	108	
		5/12/2000	Blinebry	5,716	5,719	4.0	12	
		5/12/2000	Blinebry	5,736	5,782	4.0	188	
		5/12/2000	Blinebry	5,786	5,788	4.0	12	
		5/12/2000	Blinebry	5,806	5,818	4.0	52	
		5/9/2000	Tubb	6,034	6,041	4.0	32	
		5/9/2000	Tubb	6,058	6,082	4.0	100	
		5/9/2000	Tubb	6,092	6,102	4.0	44	
		5/9/2000	Tubb	6,194	6,204	4.0	44	
		5/9/2000	Tubb	6,210	6,224	4.0	60	
		5/9/2000	Tubb	6,230	6,234	4.0	20	
		5/9/2000	Tubb	6,262	6,268	4.0	28	
		5/9/2000	Tubb	6,272	6,286	4.0	60	
		5/9/2000	Tubb	6,296	6,310	4.0	60	
		5/4/2000	Drinkard	6,463	6,463	4.0	4	
		5/4/2000	Drinkard	6,470	6,470	4.0	4	
		5/4/2000	Drinkard	6,476	6,476	4.0	4	
		5/4/2000	Drinkard	6,479	6,479	4.0	4	
		5/4/2000	Drinkard	6,482	6,482	4.0	4	
		5/4/2000	Drinkard	6,488	6,488	4.0	4	
		5/4/2000	Drinkard	6,500	6,500	4.0	4	
		5/4/2000	Drinkard	6,503	6,503	4.0	4	
		5/4/2000	Drinkard	6,576	6,589	4.0	56	
		5/4/2000	Drinkard	6,594	6,600	4.0	28	
		5/4/2000	Drinkard	6,606	6,614	4.0	36	
		5/4/2000	Drinkard	6,619	6,633	4.0	60	
		5/4/2000	Drinkard	6,636	6,640	4.0	20	
		5/4/2000	Drinkard	6,648	6,682	4.0	140	

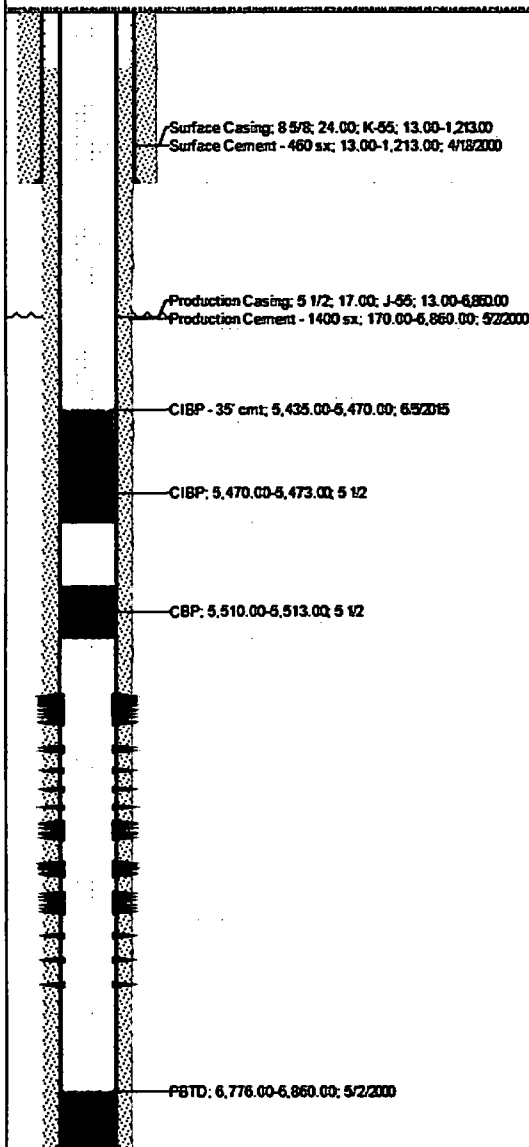


Downhole Well Profile w Cement

Well Name: NEDU 624 TA

Production, NORTHEAST DRINKARD UNIT 624 - Original Hole. 6/5/2019 3:18:53 PM

Vertical schematic (proposed)



Other In Hole

Description	OD (in)	Top (DGS)	Run Date
CBP	5 1/2	5,510	5/18/2015
Description	OD (in)	Top (DGS)	Run Date
CIBP	5 1/2	5,470	6/5/2015

Plug Back Total Depths

Data	Type	Depth (DGS)	Depth (TVD) (ft)
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Failed Component Links & Details

Category	Primary/Secondary	Failure Depth (DGS)	Comp Det.	Failure Date
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Comments

Comment
5/4/2000: INITIAL COMPLETION

DRINKARD: perf 6463-6682' - az w/ 5000 gal 15% BxDx HCL - frac w/ 18,750 gal Viking 4000 w/ 3800# 100 mesh + 40,040# 16/30 sand

TUBB: perf 6034-6310' - az w/ 5500 gal 15% BxDx HCL + 2300# RS - frac w/ 28,980 gal gel + 60,460# 16/30 sand

BLINEBRY: perf 5557-5818' - az w/ 8000 gal 15% BxDx HCL - frac w/ 42,000 gal 50Q CO2 Medallion 4000 + 80,000# 16/30 sand + 9400# 100 mesh

Comment
8/8/2007: scan tbq - LD entire string

Comment
12/11/2008: LD (67) 3/4" rods w/ guides - scan tbq - LD entire string

Comment
7/20/2009: C/O to 6709' - pmp 1000 gal acid - replace entire tbq string

Comment
10/21/2009: HIT @ 200 JFS (rod wear)

Comment
11/25/2009: 3/4" body break @ 116 RFS (ROTW) - replace (11) 3/4" rods for ROTW

Comment
4/14/2010: HIT @ 206 JFS (rod wear) - TFF @ 6696'

Comment
7/8/2010: scan tbq - LD entire string due to rod wear and pitting - TFF @ 6688' - C/O to 6800' w/ foam air unit

Comment
11/13/2013: TFF @ 6787' - split in 187 JFS - scan tbq - LD 137 jts - split @ 186 JFS - rerun guided rods & run rod rotator - pmp 1500 gal 15% HCL

Comment
4/28/2014: HIT @ btm 3 jts (corrosion) - pmp 1500 gal 15% HCL

Comment
6/30/2014: hot wtr tbq - btm 3 jts severely corroded - busted 23 jts due to severe rod wear - installed guides on (52) 3/4" rods

Comment
5/15/2015: LD (42) rods (pitting) - shear tool parted - dropped pump - scan tbq - 106 bad jts - set CIBP's @ 5510' & 5470' w/ 35' cmt on top - well is TA'd



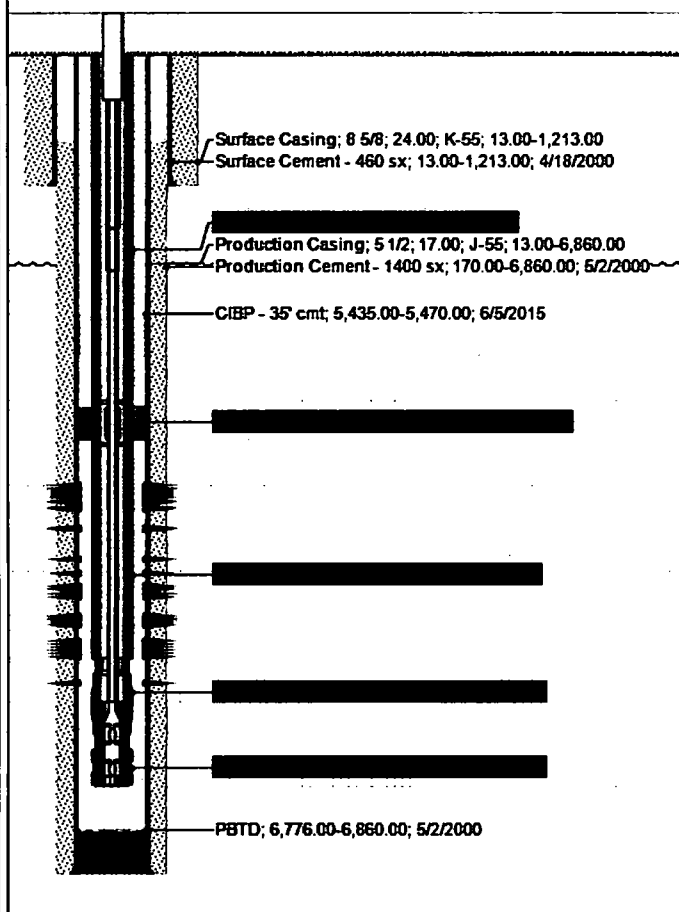
Proposed

Well Name: NEDU 624

Legal Well Name NORTHEAST DRINKARD UNIT 624		Common Well Name NEDU 624		APV Surface Loc 3002534887
Ground Elevation (ft) 3,444.0	Original KB Elevation (ft) 3,457.0	Surface Legal Location 1250' FNL, 1368' FWL, Unit C, Sec 15, T-21S, R-37E		Total Depth (ft) (KB) 6,860.0

Production, NORTHEAST DRINKARD UNIT 624 - Original Hole, 6/5/2019 3:51:15 PM

Vertical schematic (proposed)



Current Wellbore Sections

Section Des	Size (in)	Act Top (ft) (KB)
Surface	12 1/4	13.0
Prod 1	7 7/8	1,213.0

Casing Strings

Casing Description	String Nominal OD (in)	Weight/Length (lb/ft)	String Grade
Surface	8 5/8	24.00	K-55
Prod 1	5 1/2	17.00	J-55

Proposed Casing Strings

Casing Description	String Nominal OD (in)	Weight/Length (lb/ft)	String Grade
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Existing Cement

String	Des	Top (ft) (KB)	Bot (ft)
Surface, 1,213.00ft KB, 8 5/8	Primary Cement	13.00	
Prod 1, 6,860.00ft KB, 5 1/2	Primary Cement	170.00	
Prod 1, 6,860.00ft KB, 5 1/2	Cement Plug	6,776.00	
Prod 1, 6,860.00ft KB, 5 1/2	Cement Plug	5,435.00	

Proposed Tubing String

Tubing Description		Set Depth (ft) (KB)
Tubing - Rod Pump		6,725.0
Tubing	Length (ft) 5,539.14	OD Nominal (in) 2 7/8
Anchor/catcher	Length (ft) 2.70	OD Nominal (in) 2 7/8
Tubing	Length (ft) 1,104.26	OD Nominal (in) 2 7/8
Blast Joint	Length (ft) 64.80	OD Nominal (in) 2 7/8
Seat Nipple	Length (ft) 1.10	OD Nominal (in) 2 7/8

Existing Perforations

Type	Top Depth (ft) (KB)	Bottom Depth (ft) (KB)	Shot Density (shots)
Blindbry	5,557	5,562	4.0
Blindbry	5,574	5,576	4.0
Blindbry	5,584	5,595	4.0
Blindbry	5,602	5,604	4.0
Blindbry	5,608	5,626	4.0
Blindbry	5,632	5,640	4.0

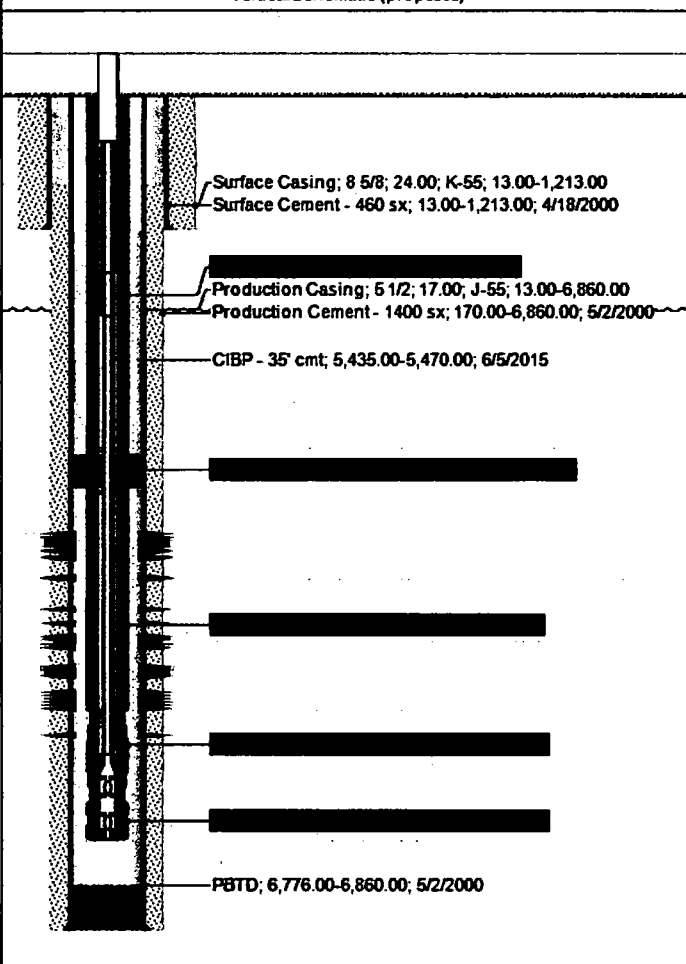


Well Name: NEDU 624

Proposed

Production, NORTHEAST DRINKARD UNIT 624 - Original Hole, 6/5/2019 3:51:31 PM

Vertical schematic (proposed)



Existing Perforations

Type	Top Depth (ftGS)	Bottom Depth (ftGS)	Shot Density (shc)
Blinetry	5,645	5,647	4.0
Blinetry	5,665	5,671	4.0
Blinetry	5,686	5,712	4.0
Blinetry	5,716	5,719	4.0
Blinetry	5,736	5,782	4.0
Blinetry	5,786	5,788	4.0
Blinetry	5,806	5,818	4.0
Tubb	6,034	6,041	4.0
Tubb	6,058	6,082	4.0
Tubb	6,092	6,102	4.0
Tubb	6,194	6,204	4.0
Tubb	6,210	6,224	4.0
Tubb	6,230	6,234	4.0
Tubb	6,262	6,268	4.0
Tubb	6,272	6,286	4.0
Tubb	6,296	6,310	4.0
Drinkard	6,463	6,463	4.0
Drinkard	6,470	6,470	4.0
Drinkard	6,476	6,476	4.0
Drinkard	6,479	6,479	4.0
Drinkard	6,482	6,482	4.0
Drinkard	6,488	6,488	4.0
Drinkard	6,500	6,500	4.0
Drinkard	6,503	6,503	4.0
Drinkard	6,576	6,589	4.0

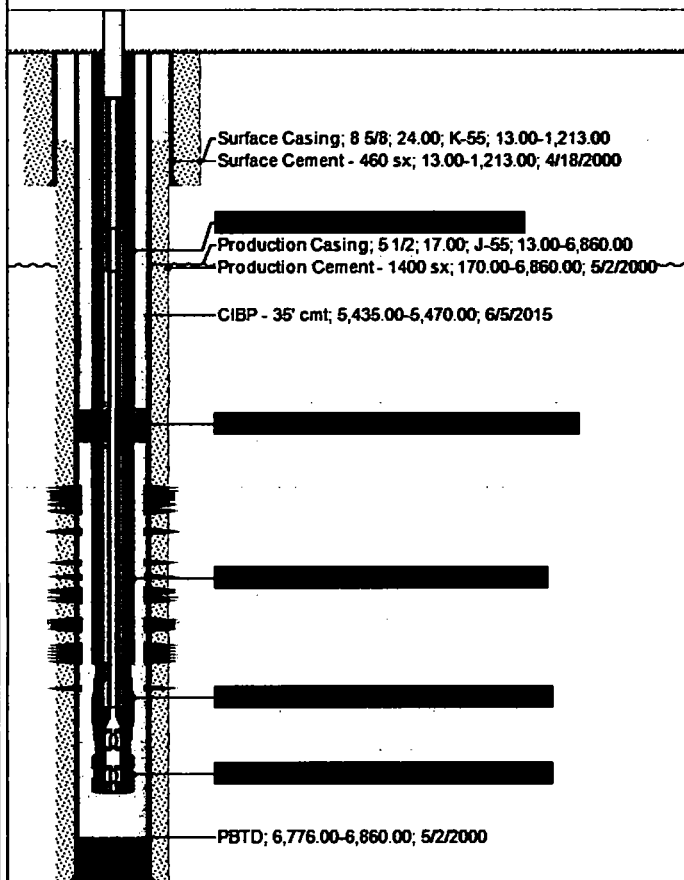


Well Name: NEDU 624

Proposed

Production, NORTHEAST DRINKARD UNIT 624 - Original Hole, 6/5/2019 3:51:45 PM

Vertical schematic (proposed)



Existing Perforations

Type	Top Depth (DGS)	Bottom Depth (DGS)	Shot Density (shots)
Drinkard	6,594	6,600	4.0
Type	Top Depth (DGS)	Bottom Depth (DGS)	Shot Density (shots)
Drinkard	6,606	6,614	4.0
Type	Top Depth (DGS)	Bottom Depth (DGS)	Shot Density (shots)
Drinkard	6,619	6,633	4.0
Type	Top Depth (DGS)	Bottom Depth (DGS)	Shot Density (shots)
Drinkard	6,636	6,640	4.0
Type	Top Depth (DGS)	Bottom Depth (DGS)	Shot Density (shots)
Drinkard	6,648	6,682	4.0