

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

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

Form C-103  
Revised July 18, 2013

WELL API NO. 30-025-06601
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Northeast Drinkard Unit (NEDU) / 22503
8. Well Number 707
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-103) 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 1000 Midland, TX 79705

4. Well Location  
Unit Letter J : 1725 feet from the South line and 2149 feet from the East line  
Section 15 Township 21S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3435' DF

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: CO / RUN LINER / RC <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 intends to clean out this well, run a liner and recomplete in the Drinkard, per the attached:

**Condition of Approval: notify  
OCD Hobbs office 24 hours  
prior of running MIT Test & Chart**

Spud Date:

5/5/1952

Rig Release Date:

6/23/1952

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 7/11/2017

Type or print name Reesa Fisher E-mail address: Reesa.Fisher@apachecorp.com PHONE: (432) 818-1062

**For State Use Only**

APPROVED BY: Mary Brown TITLE AD/II DATE 7/13/2017

Conditions of Approval (if any):

**NEDU 707W: Clean out well, Run Liner, and Recomplete in the Drinkard Formation**

**March 22, 2016**

**Day 1:** MIRU. Install BOP. Release 5-1/2" packer and POOH w/ 2-3/8" IPC injection tubing and packer.

**Day 2:** PU & RIH w/ bit on 2-7/8" work string. Clean out well bore to PBTD @ +/- 6770'.

**Day 3:** Cont. to clean out well to PBTD @ +/- 6700'. Circulate wellbore clean and POOH and LD 2-7/8" work string.

**Day 4:** RU casing crew and equipment and RIH with 4-1/2" 11.6 lb/ft LTC 8 RD casing with float collar and float shoe to +/- 6770'.

RU cement crew, perform single stage cement job to surface consisting of 20 bbl fresh water flush, 80 bbl seal bond LCM spacer, and 300 sacks of Class C cement + additives (weight 13.5 ppg, yield 1.66 cf/sack, volume 56.1 bbls, 100% excess slurry). Displace with 105 bbls fresh water (confirm all volumes)

**Day 5:** WOC

**Day 6:** RIH w/ 3-1/4" bit on 2-3/8" work string. Drill out float collar and cement to new PBTD at +/- 6750'. Circulate clean. POOH

**Day 7:** MIRU WL and RIH w/ GR/CBL/CCL. Correlate depths with existing OH log. Log well from TD to surface, POOH

PU and RIH w/ 3-1/8" TAGs loaded with SDP charges and perforate the Drinkard @ 2 SPF, 90 deg phasing (estimated 70', 140 shots), POOH

PU and RIH w/ treating packer on 2-3/8" work string

**Day 8:** Cont. RIH w/ treating packer on 2-3/8" work string. Set packer @ +/-50' above top perf

MIRU acid crew. Acidize the Drinkard w/10,000 gals 15% HCl and rock salt in using 1.3 SG RCN ball for diversion. Use around 50% excess balls. Release packer and knock off balls. POOH.

**Day 9:** PU and RIH with 4-1/2" injection packer with 2-3/8" IPC tubing subs, upper and lower profile nipples, and on/off tool on 2-3/8" work string. Set packer @ +/- 50' above top perf. Release on/off tool and pressure test casing to 500 psi. POOH and LD 2-3/8" work string

**Day 10:** PU & RIH w/2-3/8" IPC injection tubing and on/off tool. Circulate packer fluid and latch onto packer with on/off tool. ND BOPs and NU WH. Pressure test casing to 500 psi. RDMO.

**Day 11:** Perform MIT test for NM OCD. Place well on injection.



# Apache Corporation

NEDU 707W



## WELL DIAGRAM (CURRENT CONFIGURATION)

13-3/8" Csg  
CM T. CIRC. TO SURF.

8-5/8" Csg  
CM T. CIRC. TO SURF.

5-1/2" Csg  
CM T. CIRC. TO SURF.

Inj. Packer  
Set @ 5515'

**Blinebry Perfs:**  
5540-5705 (inactive)  
9', 18 holes  
5682-6085 (active)  
52 holes

**Drinkard Perfs:**  
6472-6713 (active)  
33', 33 holes

CBP @ 6816'

CBP @ 7400'  
Capped w/ 35sx cmt

**Hare Perfs:**  
7444-7609 (inactive)  
36', 198 holes

PBTD: 6,816.0  
TD: 7,670.0

WELL NAME: NEDU 707W		API: 30-025-06601			
LOCATION: 1725' FSL & 2149' FEL, Sec 15, T21S-R37E		COUNTY: Lea Co., NM			
SPUD/TD DATE: 5/5/1952		COMP. DATE: 6/23/1952			
PREPARED BY: McKenzie Bender		DIAGRAM DATE: 3/22/2016			
TD (ft): 7,670.0	KB Elev. (ft): 3437.0	KB to Ground (ft) 19.0			
PBTD (ft): 6,816.0	Ground Elev. (ft): 3418.0				
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	13-3/8" (Cmt. w / 250sx, circ to surf)	48.00		0.00 325.00	
Int. Casing	8-5/8" (Cmt. w / 1200sx, circ to surf)	32.00		0.00 2,852.00	
Prod. Casing	5-1/2" (Cmt. w / 1155sx, circ to surf)	15.5 & 17		0.00 7,665.00	
INJECTION TBG STRING					
ITEM	DESCRIPTION			LENGTH (FT)	Depth (FT)
1	2-3/8" Poly Lined Tubing			5,490.76	5509.76
2	Poly Lined Nipple			0.75	5510.51
3	Weatherford On-Off Tool w/ 1.50 Profile Nipple			1.70	5512.21
4	Weatherford Lock-Set Packer			3.50	5515.71
5	2-3/8" Int and Ext PC Sub			6.17	5521.88
6	SS "R" Seat Nipple 1.43" ID			0.70	5522.58
7	2-3/8" Int and Ext PC Sub			6.02	5528.60
8	2-3/8" Int and Ext PC Collar			0.41	5529.01
9					
10					
SURFACE EQUIPMENT					
PUMPING UNIT SIZE:			MOTOR HP:		
PUMPING UNIT MAKE:			MOTOR MAKE:		
PERFORATIONS					
Form.	Intervals			FT	SPF
Blinebry	11/1967: 5747, 48.5, 50, 53, 63, 71, 75, 91, 95			9	2
	7/1983: 5540-50, 67-73, 5608-17, 30-40, 50-60, 80-85, 90-99, 5700-05			72	1
	12/1986: 5857-5982			14	2
	6/1989: 5682, 85, 87, 89, 5747, 48, 50, 53, 63, 71, 73, 75, 77, 80, 72, 85, 87, 91, 95, 5853, 81, 83, 5908, 22, 25, 37, 87, 6013, 16, 23, 28, 32, 34, 40, 42, 48, 50, 52, 61, 64, 66, 72, 74, 78, 82, 85			52	1
Drinkard	6/1989: 6472, 77, 81, 90, 93, 6537, 44, 48, 50, 54, 57, 66, 96, 6600, 03, 05, 07, 11, 21, 23, 33, 39, 41, 64, 76, 78, 93, 96, 6705, 07, 09, 11, 13			33	1
Hare	6/1952: 7444-59, 7587-96, 7600-09			36	5
Notes:					
11/1967 - Abandoned Hare-Simpson. Set BP @ 6000' & topped w/ 2 sx cmt. PBTD @ 5981'.					
6/1989 - Sqzd Blinebry perfs 5540-5705 w/ 125 sx cmt. Drilled out CIBP @ 6000'. Perf'd Blinebry/Tubb/Drinkard. Set CIBP @ 7400' & capped w/35sx cmt. Set CIBP @ 6816'.					
8/2000 - Converted well to injection					

# Apache Corporation

NEDU 707W

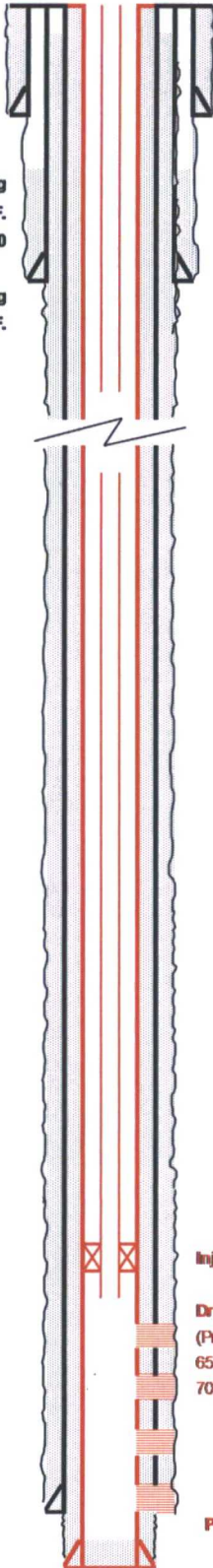


## WELL DIAGRAM (PROPOSED CONFIGURATION)

13-3/8" Csg  
CMT. CIRC. TO SURF.

8-5/8" Csg  
CMT. CIRC. TO SURF.  
0

5-1/2" Csg  
CMT. CIRC. TO SURF.



Inj. Pkr @ +/-6500'

Drinkard Perfs:  
(Proposed)  
6500 - 6680' (estimated)  
70', 140 shots (estimated)

PBTID: 6,755.0  
TD: 6,770.0

WELL NAME: NEDU 707W		API: 30-025-06601			
LOCATION: 1725' FSL & 2149' FEL, Sec 15, T21S-R37E		COUNTY: Lea Co., NM			
SPUD/TD DATE: 5/5/1952		COMP. DATE: 6/23/1952			
PREPARED BY: McKenzie Bender		DIAGRAM DATE: 2/22/2016			
TD (ft): 6,770.0	KB Elev. (ft): 3437.0	KB to Ground (ft) 19.0			
PBTD (ft): 6,755.0	Ground Elev. (ft): 3418.0				
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	13-3/8" (Cmt. w / 250sx, circ to surf)	48.00		0.00	325.00
Int. Casing	8-5/8" (Cmt. w / 1200sx, circ to surf)	32.00		0.00	2,852.00
Prod. Casing	5-1/2" (Cmt. w / 1155sx, circ to surf)	15.5 & 17		0.00	7,665.00
Liner	4-1/2" (Cmt. to surf)	11.60	J-55	0.00	6,770.00
INJECTION TBG STRING					
ITEM	DESCRIPTION			LENGTH (FT)	Depth (FT)
1	2-3/8" 4.7 LB/FT J-55 IPC TBG			6,492.00	6511.00
2	2-3/8" ON/OFF TOOL W/ 1.78 F PROFILE			1.80	6512.80
3	2-3/8" X 4-1/2" NICKLE PLATED ARROW-SET PKR			6.20	6519.00
4	2-3/8" 4.7 LB/FT J-55 IPC TBG			8.00	6527.00
5	2-3/8" PROFILE NIPPLE 1.50 R			0.90	6527.90
6	2-3/8" 4.7 LB/FT J-55 IPC TBG			6.00	6,533.90
7					
8					
9					
10					
PERFORATIONS					
Form.	Intervals			FT	SPF
Blinebry					
Tubb					
Drinkard	Proposed: 6500 - 6680' (estimated)			70	4