

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

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.)		WELL API NO. 30-025-09917
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection Well <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Apache Corporation		6. State Oil & Gas Lease No.
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705		7. Lease Name or Unit Agreement Name Northeast Drinkard Unit (NEDU) / 22503
4. Well Location Unit Letter <u>N</u> : <u>660</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>15</u> Township <u>21S</u> Range <u>37E</u> NMPM County <u>Lea</u>		8. Well Number <u>704</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3418' GL		9. OGRID Number 873
		10. Pool name or Wildcat Eunice; B-T-D, North (22900)

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

NOTICE OF INTENTION TO:

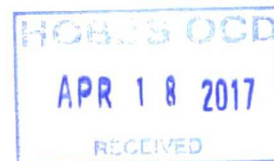
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	
CLOSED-LOOP SYSTEM <input type="checkbox"/>	
OTHER: DEEPEN/RUN LINER <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
CASING/CEMENT JOB <input 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 deepen this well, run a liner and conform the well to injection in the Drinkard, per the attached.



Spud Date: 5/9/1948

Rig Release Date: 6/26/1948

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 3/30/2017

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 04/18/2017

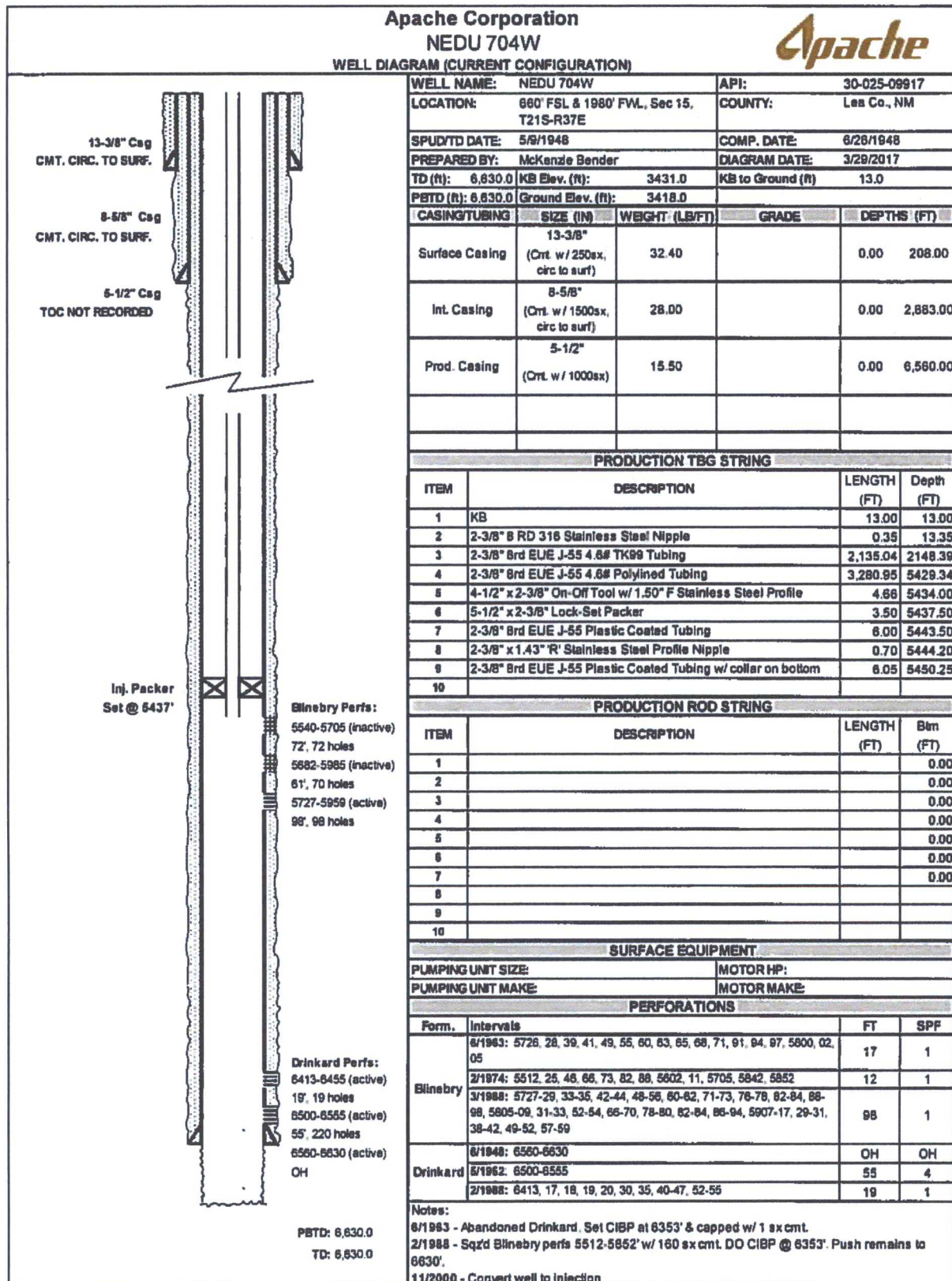
Conditions of Approval (if any):

NEDU 704W: Deepen Well, Run Liner, and Conform Well to Drinkard

(30-025-09917)

- Day 1:** MIRU. NUBOP. Unset packer, POOH and LD 2-3/8" injection string. RIH w/ 2-7/8" work string & 4-3/4" bit. Tag PBTD 6630' and begin deepening well to new TD @ 6733' (+/- 100' below proposed bottom perf)
- Day 2:** Continue drilling well to new TD @ 6733'
- Day 3:** Continue to drill well to new TD @ +/-6733'. 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 flush joint casing with float collar and float shoe to +/- 6733'
- RU cementers, perform single stage cement job to surface consisting of 20 bbl fresh water flush, 80 bbl seal bond LCM spacer, and 69 sacks of TXI Lite cement + additives (weight 12.5 ppg, yield 1.64 cf/sack, volume 17.1 bbls) and 175 sacks of TXI Lite cement + additives (weight 13.2 ppg, yield 1.39 cf/sack, volume 51.1 bbls) Displace with 105 bbls fresh water (confirm all volumes)
- Day 5:** Wait on cement
- Day 6:** RIH w/ 3-7/8" bit on 2-3/8" work string. Drill out float collar and cement to +/- 6710'. Circulate clean. POOH
- Day 7:** MIRU WL and RIH w/ GR/CNL/CBL/CCL, 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 while hydrotesting to 7500 psi. Set packer @ +/-50' above top perf.
- MIRU acid crew. Acidize the Drinkard w/10,000 gals 15% HCl and using 1.3 SG ball sealers for diversion. Pump between 50-75% excess ball sealers.
- Max Pressure 7500 psi (kickouts set at 6500 psi)
 - Max Rate 8 BPM
- Release packer and 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 1505 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

Current Wellbore Diagram

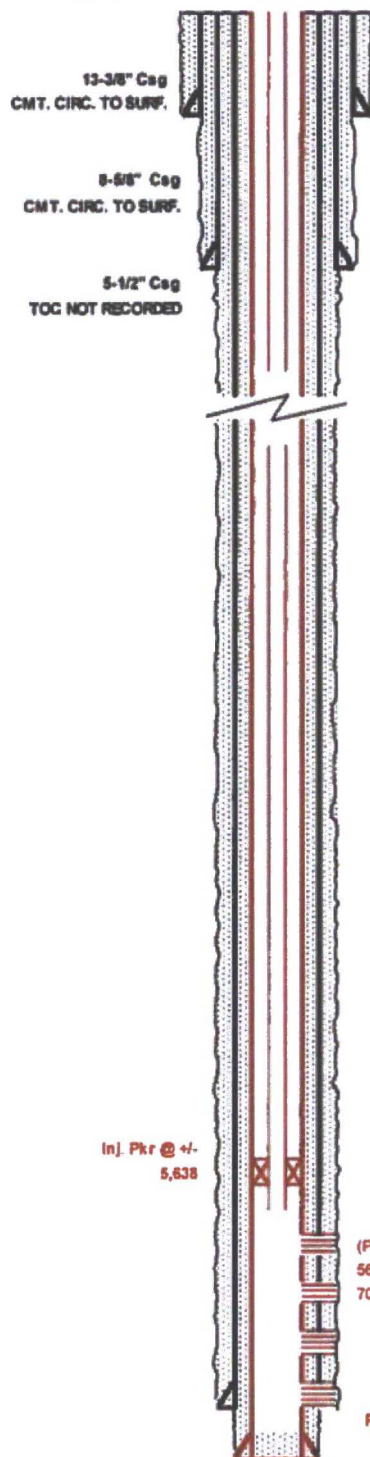


Proposed Wellbore Diagram

Apache Corporation NEDU 704W



WELL DIAGRAM (PROPOSED CONFIGURATION)



WELL NAME: NEDU 704W		API: 30-025-09917		
LOCATION: 560' FSL & 1980' FWL, Sec 15, T21S-R37E		COUNTY: Lea Co., NM		
SPUD/TD DATE: 5/9/1948		COMP. DATE: 6/26/1948		
PREPARED BY: McKenzie Bender		DIAGRAM DATE: 3/29/2017		
TD (ft): 6,733.0	KB Elev. (ft): 3431.0	KB to Ground (ft) 13.0		
PSTD (ft): 6,710.0	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)	32.40		0.00 208.00
Int. Casing	8-5/8" (Cmt. w/ 1500sx, circ to surf)	28.00		0.00 2,883.00
Prod. Casing	5-1/2" (Cmt. w/ 1000sx)	15.50		0.00 6,580.00
Liner	4-1/2" (Cmt. to surf)	11.60	J-55	0.00 6,733.00
INJECTION TBG STRING				
ITEM	DESCRIPTION			LENGTH (FT) Depth (FT)
1	KB			13.00 13.00
2	2-3/8" 4.7 LB/FT J-55 IPC TBG			5,630.00 5643.00
3	2-3/8" ON/OFF TOOL W/ 1.78 F PROFILE			1.80 5644.80
4	2-3/8" X 4-1/2" NICKLE PLATED ARROW-SET PKR			6.20 5651.00
5	2-3/8" 4.7 LB/FT J-55 IPC TBG			8.00 5659.00
6	2-3/8" PROFILE NIPPLE 1.50 R			0.90 5659.90
7	2-3/8" 4.7 LB/FT J-55 IPC TBG			6.00 5,665.90
8				
9				
10				
PERFORATIONS				
Form.	Intervals			FT SPF
Blinabry				
Tubb				
Drinkard	5688' - 6633' (estimated)			70 4