Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD
FEB 03 2014
RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
June 19, 2008

WELL API NO. 30-025-06348	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. BO-1732	
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.)	7. Lease Name or Unit Agreement Name Northeast Drinkard Unit (NEDU)
1. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other:	8. Well Number 324
2. Name of Operator Apache Corporation	9. OGRID Number 873
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705	10. Pool name or Wildcat Eunice; B-T-D, North (22900)
4. Well Location Unit Letter W : 860 feet from the South line and 1980 feet from the East line Section 2 Township 21S Range 37E NMPM County Lea	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3487' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: CONVERT TO INJECTION ☒		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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache intends to convert this well to injection, per the attached procedure, pending injection permit approval.

Spud Date: 03/29/1952

Rig Release Date:

OIL CONSERVATION DIVISON
CONDITION OF APPROVAL: Approval for drilling/workover ONLY - CANNOT INJECT/DISPOSE until the Injection/disposal order has been approved by the OCD Santa Fe office.

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 01/31/2014

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

For State Use Only

APPROVED BY: TITLE Petroleum Engineer DATE FEB 26 2014

Conditions of Approval (if any):

FEB 26 2014

NEDU 324 (API: 30-025-06348) Proposed Procedure: Convert Well to Injection

January 29, 2014

Day 1: MIRU SR. ND WH & NU BOPs. PU & RIH w/ 2-7/8" WS and bit

Day 2: Cont. RIH w/ 2-7/8" WS & bit. Drill out CIBP @ 6650' & circulate clean. RIH and tag for PBTD @ +/- 6886'. Clean out to PBTD if necessary. POOH

Day 3: MIRU WL, run GR/CNL/CBL log from PBTD to surface, POOH. Send logs to Midland

Day 4: PU & RIH 5-1/2" casing scraper on 2-7/8" ws to +/-6670', POOH

Day 5: MIRU WL & RIH w/ 3-3/8" TAG guns loaded with SDP charges & perforate the Drinkard @ 4 SPF, 90 deg phasing (estimated 60', 240 shots), POOH

PU & RIH w/ treating packer on 2-7/8" ws

Day 6: Cont. RIH w/ treating packer on 2-7/8" WS. Set packer @ +/-6650'

MIRU acidizers. Acidize the Drinkard w/10,000 gals 15% HCl-NE-FE BXDX acid and rock salt in 3 equal stages @ +/- 10 BPM. Release packer. Wash out salt. POOH

Day 7: PU & RIH w/5-1/2" injection packer c/w 2-3/8" IPC tbg subs, upper & lower profile nipples, & on/off tool on 2-7/8" ws. Set packer @ +/-6650'. Rel. on/off tool & test casing to 500 psi. POOH & LD 2-7/8" WS

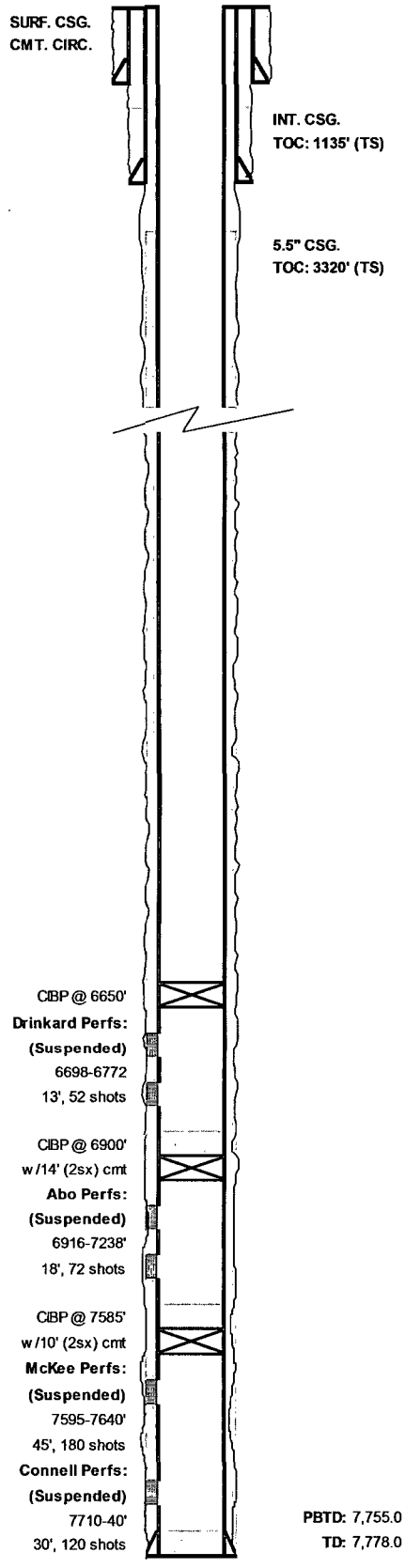
Day 8: PU & RIH w/2-3/8" IPC inj. tbg & on/off tool. Circulate packer fluid & latch onto packer w/ on/off tool. ND BOPs & NU WH. Pressure test casing to 500 psi. RDMO SR

Day 9: Perform MIT test for NM OCD. Place well on injection

Apache Corporation

NEDU #324 (Former: Harry Leonard "F" #4)

WELL DIAGRAM (CURRENT CONFIGURATION)



WELL NAME:	NEDU #324 (Former: Harry Leonard "F" #4)	**API:**	30-025-06348
LOCATION:	860'S/1980'E, Unit O, Sec 2, T-21S, R-37E	**COUNTY:**	Lea Co, NM
SPUD-TD DATE:	03/29/52 - 05/05/52	**COMP. DATE:**	5/11/1952
PREPARED BY:	Michael Hunter	**DATE:**	1/27/2014
TD (ft): 7,778.0	**KB Elev. (ft):** 3,498.0	**KB to Ground (ft):**	11.0
PBTD (ft): 6,650.0	**Ground Elev. (ft):** 3,487.0		

CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	12-3/4"	50.0	SMLS	0.00	259.0
	(Cemented w/300 sx				
	circ to surface)				
Int. Casing	8-5/8"	32.0	J-55	0.00	2,989.0
	(Cemented w/100 sx				
	TOC: 1135')				
Prod. Casing	5-1/2"	20.0	N-80	0.00	12.0
	(CMT. w/870sx	15.5	J-55	12.00	1,035.0
	TOC @ 3320')	14.0	J-55	1,035.00	4,874.0
		15.5	J-55	4,874.00	6,403.0
		20.0	N-80	6,403.00	7,778.0
Tubing					

PRODUCTION TBG STRING

ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

PRODUCTION ROD STRING

ITEM	DESCRIPTION	LENGTH (FT)	Btm (FT)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

SURFACE EQUIPMENT

PUMPING UNIT SIZE:	**MOTOR HP:**
PUMPING UNIT MAKE:	**MOTOR MAKE:**

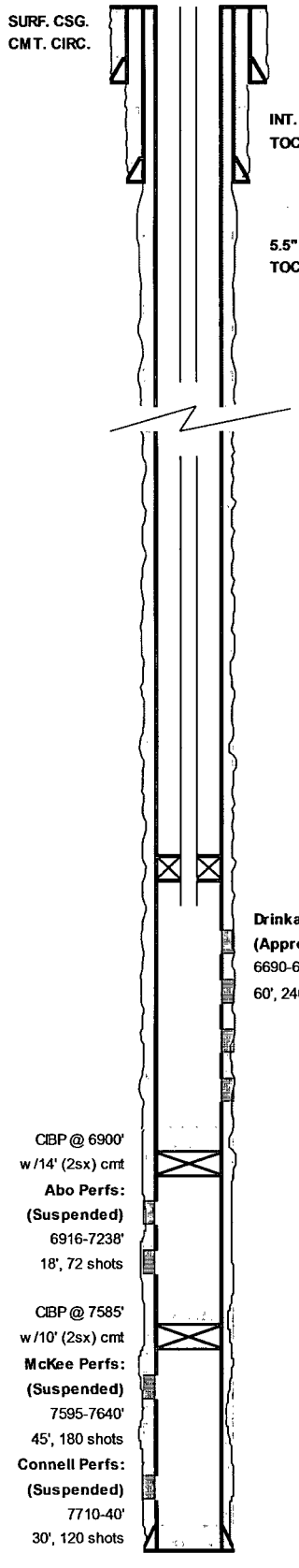
PERFORATIONS

Form.	Intervals	FT	SPF
Drinkard	6698-6700', 6707-09', 18-21', 35-37', 55-57', 70-72' (Suspended)	13	4
Abo	6916-18', 88-90', 7072-74', 7098-7100', 7114-16', 36-38', 50-52', 7208-10', 36-38' (Suspended)	18	4
McKee	7595-7640' (Suspended)	45	4
Connell	7710-40' (Suspended)	30	4

Apache Corporation

NEDU #324 (Former: Harry Leonard "F" #4)

WELL DIAGRAM (PROPOSED CONFIGURATION)



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	(Cemented w/300 sx				
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Int. Casing	8-5/8"	32.0	J-55	0.00	2,989.0
	(Cemented w/1100 sx				
	TOC: 1135')				
Prod. Casing	5-1/2"	20.0	N-80	0.00	12.0
	(CMT. w/870sx	15.5	J-55	12.00	1,035.0
	TOC @ 3320')	14.0	J-55	1,035.00	4,874.0
		15.5	J-55	4,874.00	6,403.0
		20.0	N-80	6,403.00	7,778.0
Tubing	2-3/8"	4.7	J-55 IPC	0.00	6,664.9

INJECTION TBG STRING

ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1	2-3/8" 4.7 LB/FT J-55 IPC TBG	6642.0	6642.0
2	2-3/8" ON/OFF TOOL W/ 1.78 F PROFILE	1.8	6643.8
3	2-3/8" X 4-1/2" NICKLE PLATED ARROW-SET PKR	6.2	6650.0
4	2-3/8" 4.7 LB/FT J-55 IPC TBG	8.0	6658.0
5	2-3/8" PROFILE NIPPLE 1.50 R	0.9	6658.9
6	2-3/8" 4.7 LB/FT J-55 IPC TBG	6.0	6664.9
7			
8			
9			
10			

PERFORATIONS

Form.	Intervals	FT	SPF
Drinkard	6690-6780' (Approximate Proposed)	60	4
Abo	6916-18', 88-90', 7072-74', 7098-7100', 7114-16', 36-38', 50-52', 7208-10', 36-38' (Suspended)	18	4
McKee	7595-7640' (Suspended)	45	4
Connell	7710-40' (Suspended)	30	4