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. 30-025-06621

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: West Blinebry Drinkard Unit (WBDU) / 37346

1. Type of Well: Oil Well ☑ Gas Well ☐ Other

HOBBS OCD

8. Well Number 056

2. Name of Operator: Apache Corporation

MAY 09 2014

9. OGRID Number 873

3. Address of Operator: 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705

RECEIVED

10. Pool name or Wildcat: Eunice; B-T-D, North (22900)

4. Well Location
Unit Letter H : 1980 feet from the North line and 660 feet from the East line
Section 16 Township 21S Range 37E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3497' GL

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 ☐			
CLOSED-LOOP SYSTEM ☐			
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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache intends to convert this well to injection, per the attached procedure. Order WFX-913 was issued 6/28/2013 (R-12981/A).

Spud Date: 11/24/1947 Rig Release Date: 1/12/1948

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 5/6/2014

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 05/14/14

Conditions of Approval (if any):

MAY 14 2014

WBDU 56 (API: 30-025-06621) Proposed Procedure

Retrieve Packer, Deepen Well, Run Liner, and Convert Well to Injection in the Drinkard Formation

May 6, 2014

Day 1: MIRU SR. POOH and LD pump and rods. ND WH and NU BOPs. POOH and LD 2-3/8" production tubing.

Day 2: PU & RIH w/bit on 2-7/8" work string, tag top of packer @ +/-6570' and circulate well clean, POOH

Day 3: PU & RIH w/ washover shoe and wash pipe 2-7/8" work string to +/-6570'. Attempt to wash over/cut over and retrieve packer

Day 4: Cont. to attempt to wash over/cut over and retrieve packer

Day 5: Cont. to attempt to wash over/cut over and retrieve packer

Day 6: Wash over/cut over and retrieve packer, POOH

Day 7: PU & RIH w/ bit on 2-7/8" work string. Clean well out to TD @ +/-6614', circulate LCM as necessary

Day 8: Clean well out to TD @ +/-6614', circulate LCM as necessary. Drill well out to new TD @ +/-6780', circulate LCM as necessary

Day 9: Cont. to drill well out to new TD @ +/-6780', circulate LCM as necessary. Circulate wellbore clean and POOH and LD 2-7/8" work string

Day 10: MIRU WL, run GR/CNL/CBL/CCL log from PBTD to surface, POOH. Send logs to Midland

Day 11: RU casing crew and equipment and RIH with 4-1/2" 11.6 lb/ft LTC 8 RD J-55 casing with DV tool (set at +/-5500'), float collar, and float shoe to +/- 6780'. Perform two stage cement job to surface as follows:

a. Pump first stage consisting of 10 bbl fresh water flush, 40 bbl seal bond LCM spacer, and 195 sacks of 50:50 Fly Ash (Pozzolan):Class C cement + additives (weight 14.2 ppg, yield 1.31 cf/sack, volume 45.5 bbls, 50% excess slurry)
b. Drop plug, displace with 106 bbl fresh water (confirm volumes) and bump plug. Drop dart, open DV tool
c. Circulate through stage tool with fresh water until setting time for first cement stage has elapsed
d. Pump second cement stage consisting of 20 bbl fresh water flush, lead slurry of 330 sacks 35:65 Fly Ash (Pozzolan):Class C cement + additives (weight 12.5 ppg, yield 2.13 cf/sack, 125.5 bbl), tail slurry of 100 sacks of class C cement + additives (weight 14.8 ppg, yield 1.33 cf/sack, 23.7 bbl)
e. Drop DV tool plug, displace with 85.4 bbl fresh water (confirm volumes)

Day 12: WOC

Day 13: RIH w/ 3-3/4" bit on 2-3/8" work string. Drill out DV tool, float collar and cement to +/- 6765'. Circulate clean. POOH

Day 14: MIRU WL and RIH w/ GR/CBL/CCL, log well from TD to surface, POOH

PU and RIH w/ 3-3/8" TAGs loaded with SDP charges and perforate the Drinkard @ 4 SPF, 90 deg phasing (estimated 70', 280 shots), POOH

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

Day 15: Cont. RIH w/ treating packer on 2-3/8" work string. Set packer @ +/-6500'

MIRU acidizers. Acidize the Drinkard w/10,000 gals 15% HCl and rock salt in 3 equal stages @ +/- 8 BPM. Release packer. Wash out salt. POOH

Day 16: 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 @ +/-6500'. Release on/off tool and pressure test casing to 500 psi. POOH and LD 2-3/8" work string

Day 17: 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 SR

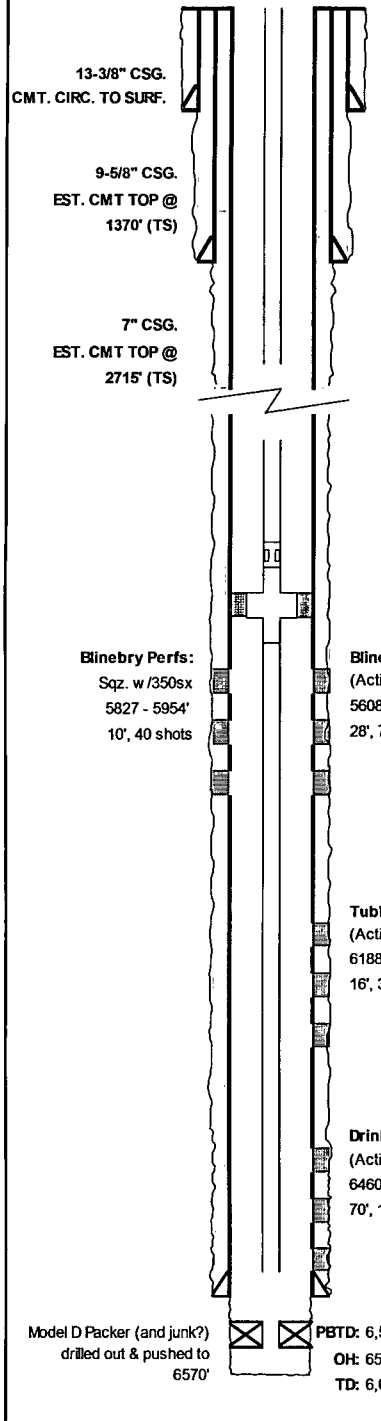
Day 18: Perform MIT test for NM OCD. Place well on injection

Current Wellbore Diagram

Apache Corporation

WBDU #56 (Harry Leonard NCT-E #2)

WELL DIAGRAM (CURRENT CONFIGURATION)



WELL NAME:	WBDU #56 (Harry Leonard NCT-E #2)	**API:**	30-025-06621
LOCATION:	1980' FNL & 660' FEL Unit H, Sec. 16, T-21S, R-37E	**COUNTY:**	Lea Co., NM
SPUD/TD DATE:	11/24/1947 - 1/1/1948	**COMP. DATE:**	1/14/1948
PREPARED BY:	Michael Hunter	**DATE:**	5/1/2014
TD (ft): 6,614.0	**KB Elev. (ft):** 3507.0	**KB to Ground (ft)**	10.0
PBTD (ft): 6,570.0	**Ground Elev. (ft):** 3497.0		

CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	13-3/8" (Cmt. w/ 300sx, Circ.)	48.00	H-40	0.00	301.00
Int. Casing	9-5/8" (Cmt. w/ 1300sx, TOC @ 1370')	36.00	H-40	0.00	2,952.00
Prod. Casing	7" (Cmt. w/ 700sx, TOC @ 2715')	23.00	J-55	0.00	6,547.00
Openhole	6-1/4"			6,547.00	6,614.00
Tubing	2-3/8"	4.70	J-55	0.00	6,523.00

PRODUCTION TBG STRING

ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1	212 JTS 2-3/8" 4.7 LB/FT J-55 TBG		
2	TAC		5527.00
3	SN		6523.00
4			
5			
6			
7			
8			
9			
10			

PRODUCTION ROD STRING

ITEM	DESCRIPTION	LENGTH (FT)	Btm (FT)
1	75 JTS 7/8" KD RODS	1,875.00	
2	183 JTS 3/4" KD RODS	4,575.00	
3	BHP: 2" X 1-1/4" X 24' RHBC	24.00	
4			
5			
6			
7			
8			
9			
10			

SURFACE EQUIPMENT

PUMPING UNIT SIZE:	C160-200-74	**MOTOR HP:**	10 HP
PUMPING UNIT MAKE:	American	**MOTOR MAKE:**	

PERFORATIONS

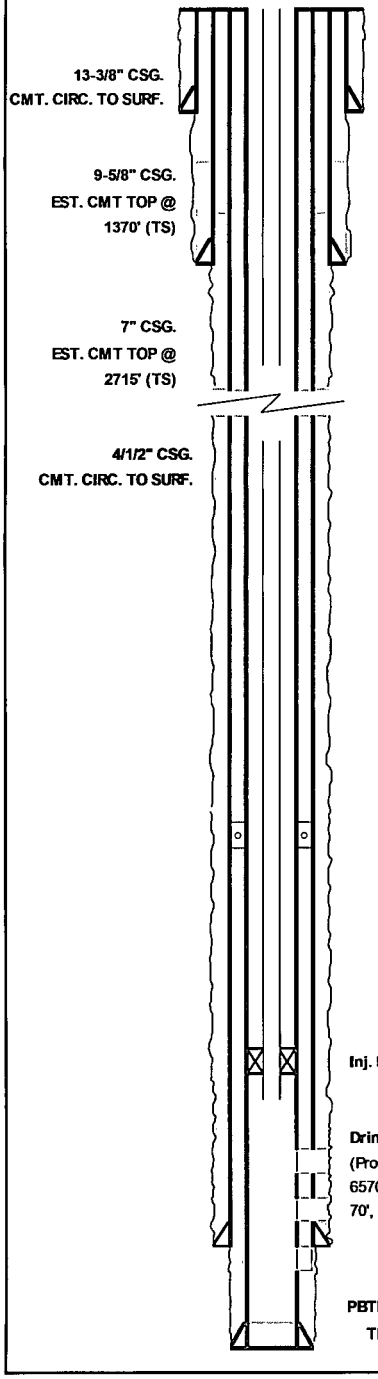
Form.	Intervals	FT	SPF
Blinebry	Active: 5608'-10', 35'-37', 66'-68', 96'-98', 5745'-47'	10	4
	Active: 5813', 22', 28', 32', 39', 51', 54', 74', 76', 87', 97', 5908', 21', 30', 42', 47', 51', 58'	18	2
	Sqz. w/350sx: 5827-29', 53-55', 74-76', 5907-09', 52-54'	10	4
Tubb	Active: 6188', 91', 97', 6204', 12', 16', 21', 32', 37', 40', 54', 57', 62', 68', 82', 86'	16	2
Drinkard	Active: 6460 - 6530'	70	2

Proposed Wellbore Diagram

Apache Corporation

WBDU #56 (Harry Leonard NCT-E #2)

WELL DIAGRAM (PROPOSED CONFIGURATION)



WELL NAME:	WBDU #56 (Harry Leonard NCT-E #2)	**API:**	30-025-06621
LOCATION:	1980' FNL & 660' FEL Unit H, Sec. 16, T-21S, R-37E	**COUNTY:**	Lea Co., NM
SPUD/TD DATE:	11/24/1947 - 1/1/1948	**COMP. DATE:**	1/14/1948
PREPARED BY:	Michael Hunter	**DATE:**	5/1/2014
TD (ft): 6,780.0	**KB Elev. (ft):** 3507.0	**KB to Ground (ft)**	10.0
PBTD (ft): 6,765.0	**Ground Elev. (ft):** 3497.0		

CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	13-3/8" (Cmt. w/ 300sx., Circ.)	48.00	H-40	0.00	301.00
Int. Casing	9-5/8" (Cmt. w/ 1300sx, TOC @ 1370')	36.00	H-40	0.00	2,952.00
Prod. Casing	7" (Cmt. w/ 700sx, TOC @ 2715')	23.00	J-55	0.00	6,547.00
Liner	4-1/2" (Cmt. to surf)	11.60	J-55	0.00	6,780.00
Tubing	2-3/8"	4.70	J-55 IPC	0.00	6,514.90

INJECTION TBG STRING

ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1	2-3/8" 4.7 LB/FT J-55 IPC TBG	6,492.00	6492.00
2	2-3/8" ON/OFF TOOL W/ 1.78 F PROFILE	1.80	6493.80
3	2-3/8" X 4-1/2" NICKLE PLATED ARROW-SET PKR	6.20	6500.00
4	2-3/8" 4.7 LB/FT J-55 IPC TBG	8.00	6508.00
5	2-3/8" PROFILE NIPPLE 1.50 R	0.90	6508.90
6	2-3/8" 4.7 LB/FT J-55 IPC TBG	6.00	6,514.90
7			
8			
9			
10			

PERFORATIONS

Form.	Intervals	FT	SPF
Blinebry			
Tubb			
Drinkard	Proposed: 6570 - 6680' (estimated)	70	4