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

HOBBS OCD
DEC 27 2016
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
Revised July 18, 2013

WELL API NO.
30-025-06645

5. Indicate Type of Lease
STATE ☐ FEE ☑

6. State Oil & Gas Lease No.

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

8. Well Number 072

2. Name of Operator
Apache Corporation

9. OGRID Number
873

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

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

4. Well Location
Unit Letter J : 1980 feet from the FSL line and 1980 feet from the FEL line
Section 17 Township 21S Range 37E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3471' 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	☐	DEEPEN +					
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 would like to convert this well to injection, per the attached procedure and WBD's.

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

WFX-962

Spud Date: 08/01/1947 Rig Release Date: 09/11/1947

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 12/19/2016

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

For State Use Only

APPROVED BY: Maley Brown TITLE AO/II DATE 3/8/2017

Conditions of Approval (if any):

WBDU 72: Deepen Well, Run Liner, and Convert Well to Injection in the Drinkard Formation (30-025-06645)

December 15, 2016

Day 0: Prior to start of workover: Schedule and install buried fiberglass injection line.

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

Day 3: RIH w/ seal bearing bit on 2-7/8" work string. Clean out well bore to PBTD @ +/- 6639'. RU Foam N2 Unit as required.

Day 4: Continue in hole to drill well out to new TD @ +/-6778' (+/- 75' from proposed bottom perf).

Day 5: Drill out well to new TD at +/- 6778'. Circulate wellbore clean and POOH and LD 2-7/8" work string and bit.

Day 6: 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 +/- 6785'.

RU cement crew, perform single stage cement job to surface consisting of 300 bbl fresh water flush, 40 bbl stop loss spacer, and 180 sacks of TXI Lite cement + additives (weight 12.5 ppg, yield 1.64 cf/sack, volume 52.5 bbl), and 71 sacks of TXI Lite cement + additives (weight 13.2 ppg, yield 1.39 cf/sack, volume 17.5 bbl). Total 150% excess slurry of 70.5 bbl. Displace with 105 bbls fresh water (confirm all volumes).

Day 7: WOC

Day 8: RIH w/ 3-1/4" bit on 2-3/8" work string. Drill out float collar and cement to +/- 6763'. Circulate clean. POOH

Day 9: MIRU WL and RIH w/ GR/CBL/CCL/CNL, log well from TD to surface, POOH

PU and RIH w/ 3-1/8" 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 10: Cont. RIH w/ treating packer on 2-3/8" work string. Set packer @ +/-6450'

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

Day 11: 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 @ +/-6450'. Release on/off tool and pressure test casing to 500 psi. POOH and LD 2-3/8" work string

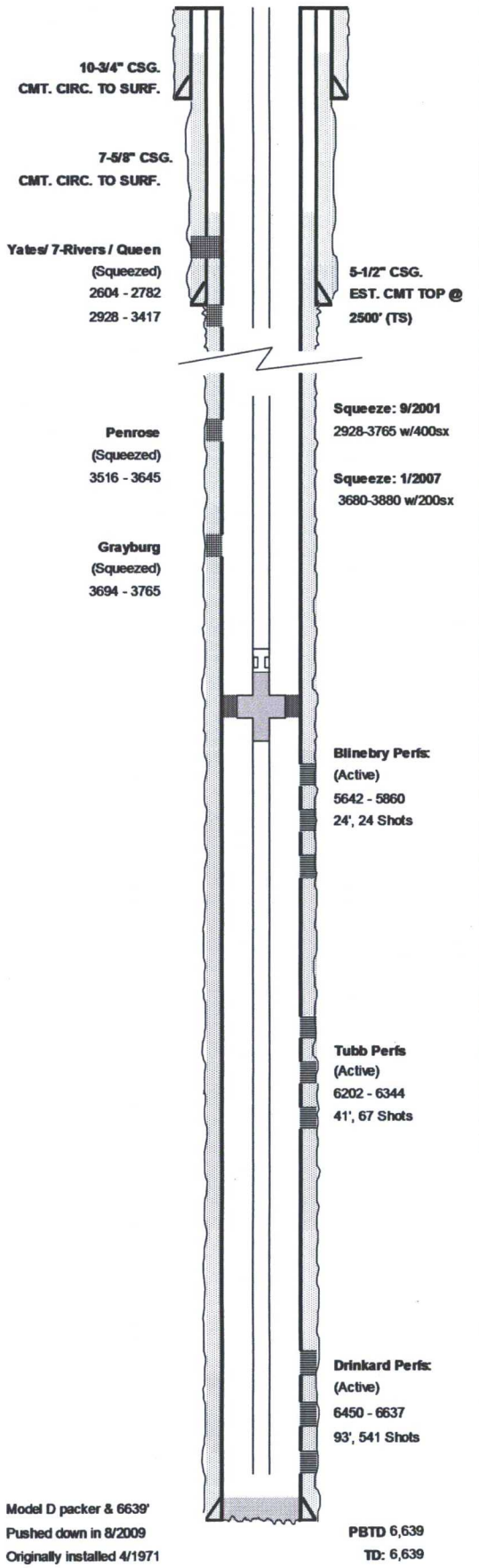
Day 12: PU & RIH w/2-3/8" IPC injection tubing and on/off tool. Circulate packer fluid and latch onto packer with on/off tool. ND BOPs and NU WH. Pressure test casing to 500 psi. RDMO.

Day 13: Perform MIT test for NM OCD. Perform bottom hole static pressure test. Place well on injection.

Apache Corporation

WBDU #72 (W. W. Weatherly #2)

WELL DIAGRAM (CURRENT CONFIGURATION)



WELL NAME:	WBDU #72 (W. W. Weatherly #2)	**API:**	30-025-06615 45
LOCATION:	1980' FSL & 1980' FEL, C-Sec 17, T-21S, R-37E	**COUNTY:**	Lea Co., NM
SPUD/TD DATE:	8/1947 - 9/1947	**COMP. DATE:**	9/11/1947
PREPARED BY:	Bret Shapot	**DIAGRAM DATE:**	8/10/2016
TD (ft): 6,639	**KB Elev. (ft):** 3479	**KB to Ground (ft)**	8
PBTD (ft): 6,639	**Ground Elev. (ft):** 3471		

CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	10-3/4" (Cmt. w/ 300sx., Circ.)	32.8	H-40	0	337
Int. Casing	7-5/8" (Cmt. w/ 1600sx, Circ)	26.4	J-55	0	2,844
Prod. Casing	5-1/2" (Cmt. w/ 550sx, TOC @ 2500')	15.5 / 17	J-55	0	6,639
Tubing	2-3/8"	4.7	J-55	0	6,558

PRODUCTION TBG STRING

ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1	209 JTS 2-3/8" 4.7 LB/FT J-55 TBG		
2	TAC		5,545
3	SN		6,558
4			
5			

PRODUCTION ROD STRING

ITEM	DESCRIPTION	LENGTH (FT)	Btm (FT)
1	74 JTS 7/8" RODS	1,850	
2	187 JTS 3/4" RODS	4,675	
3	BHP: 2" X 1-1/4" X 16' RHBC	16	
4			
5			

SURFACE EQUIPMENT

PUMPING UNIT SIZE:	C-228-213-86	**MOTOR HP:**	
PUMPING UNIT MAKE:		**MOTOR MAKE:**	

PERFORATIONS

Form.	Intervals	FT	SPF
Yts/7R/Q	**(Squeezed)** 2604-06, 10-15, 44-58, 69-72, 97-99, 2720-24, 64-68, 78-82, 2928-34, 52-56, 65-70, 3304-08, 40-43, 48-52, 65-69, 3413-17	81	2
Penrose	**(Squeezed)** 3516-71, 78-3600, 3608-54	126	4
Grayburg	**(Squeezed)** 3694, 96, 98, 3700, 02, 04, 20, 22, 24, 26, 28, 30, 32, 42, 44, 47, 55, 57, 69, 71, 63, 65	22	1
Blinebry	5642, 45, 51, 55, 79, 80, 94, 5721, 24, 25, 43, 45, 65, 69, 82, 95, 99, 5806, 20, 33, 36, 40, 57, 60	24	1
Tubb	6252-58, 96-6300, 6324-30, 38-44	26	2
	6202-12, 16-19	15	1
Drinkard	6574-84, 84-6637'	64	8
	6450-60, 6500-06, 60-70	29	1

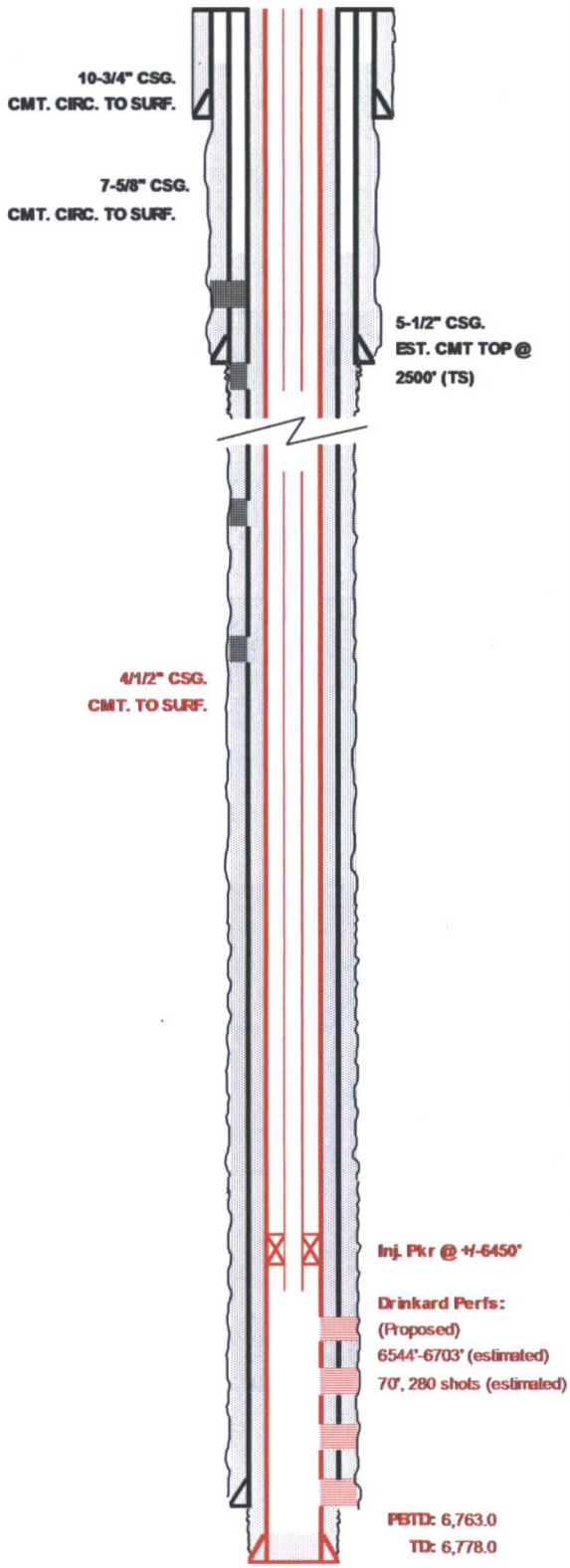
Notes:

Drinkard only producer 1947 - 3/1971. Acidized Drinkard 6574-6637 on 9/1947. Acidized again on 10/1947. Frac Drinkard 6574-6637 on 6/1957 w/15,000# sand and 20,000 gal oil.
3/1971 - Perf (3694-3765) Grayburg and acidize w/2000 gal.
5/1971 - Acidize Drinkard 6574 - 6637 w/5000 gal 7.5 % HCl
7/1972 - Install pumping unit and producer Grayburg only
5/1991 - Install CIBP to abandon Grayburg. Perf (3516 - 3608) Eumont Penrose and Frac w/3000#. Only gas prod. TA on 6/1991.
11/1991 - Set CIBP above Eumont. Perf Yates/7R/Queen (2604 - 3413). Acidize w/900 gal 15% HCl. Frac w/200,000 scf N2 and 4000# prop. Minimal production.
9/2001 - Clean out all equipment in well except for Packer at 6550'. Squeeze Yts/7R/Q, Penrose, Grayburg w/400 sx cement.
6/2004 - Perf Blinebry (5642-5860) and acidize w/2600 gal. Frac w/116,000# prop and CO2 foam.
1/2007 - Squeeze 3680-3880 w/200sx.
1/2007 - Perf Tubb (6252-6344) and acidize w/2000 gal. Frac w/82,000# prop. Produce Blinebry/Tubb.

Apache Corporation

WBDU #72W (W. W. Weatherly #2)

WELL DIAGRAM (PROPOSED CONFIGURATION)



WELL NAME:	WBDU #72W (W. W. Weatherly #2)	**API:**	30-025-06615 45
LOCATION:	1980' FSL & 1980' FEL, C-Sec 17, T-21S, R-37E	**COUNTY:**	Lea Co., NM
SPUD/TD DATE:	8/1947 - 9/1947	**COMP. DATE:**	9/11/1947
PREPARED BY:	Bret Shapot	**DIAGRAM DATE:**	8/10/2016
TD (ft): 6,778	**KB Elev. (ft):** 3479	**KB to Ground (ft)**	8
PBTD (ft): 6,763	**Ground Elev. (ft):** 3471		

CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	10-3/4" (Cmt. w/ 300sx., Circ.)	32.8	H-40	0	337
Int. Casing	7-5/8" (Cmt. w/ 1600sx, Circ)	26.4	J-55	0	2,844
Prod. Casing	5-1/2" (Cmt. w/ 550sx, TOC @ 2500')	15.5 / 17	J-55	0	6,639
Liner	4-1/2" (Cmt. to surf)	11.6	J-55	0.00	6,778
Injection Tubing	2-3/8"	4.7	J-55 IPC	0.00	6,460

INJECTION TBG STRING

ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1	2-3/8" 4.7 LB/FT J-55 IPC TBG	6,440	6,440
2	2-3/8" ON/OFF TOOL W/ 1.78 F PROFILE	2	6,442
3	2-3/8" X 4-1/2" NICKLE PLATED ARROW-SET PKR	6	6,448
4	2-3/8" 4.7 LB/FT J-55 IPC TBG	8	6,456
5	2-3/8" PROFILE NIPPLE 1.50 R	1	6,457
6	2-3/8" 4.7 LB/FT J-55 IPC TBG	6	6,463
7			
8			
9			
10			

PERFORATIONS

Form.	Intervals	FT	SPF
Blinebry			
Tubb			
Drinkard	6544'-6703' (estimated)	70	4

Notes:

Drinkard only producer 1947 - 3/1971. Acidized Drinkard 6574-6637 on 9/1947. Acidized again on 10/1947. Frac Drinkard 6574-6637 on 6/1957 w/15,000# sand and 20,000 gal oil.
3/1971 - Perf (3694-3765) Grayburg and acidize w/2000 gal.
5/1971 - Acidize Drinkard 6574 - 6637 w/5000 gal 7.5 % HCl
7/1972 - Install pumping unit and producer Grayburg only
5/1991 - Install CIBP to abandon Grayburg. Perf (3516 - 3608) Eumont Penrose and Frac w/3000#. Only gas prod. TA on 6/1991.
11/1991 - Set CIBP above Eumont. Perf Yates/7R/Queen (2604 - 3413). Acidize w/900 gal 15% HCl. Frac w/200,000 scf N2 and 4000# prop. Minimal production.
9/2001 - Clean out all equipment in well except for Packer at 6550'. Squeeze Yts/7R/Q, Penrose, Grayburg w/400 sx cement.
6/2004 - Perf Blinebry (5642-5860) and acidize w/2600 gal. Frac w/116,000# prop and CO2 foam.
1/2007 - Squeeze 3680-3880 w/200sx.
1/2007 - Perf Tubb (6252-6344) and acidize w/2000 gal. Frac w/82,000# prop. Produce Blinebry/Tubb.
9/2009 - Re-enter and perf Drinkard (6450 - 6570) and Tubb (6202-6219). Acidize and frac Drinkard.