

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. 30-025-06642
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 West Blinbry Drinkard Unit (WBDU) / 37346
8. Well Number 065
9. OGRID Number 873
10. Pool name or Wildcat Eunice; B-T-D, North (22900)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Apache Corporation	
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705	
4. Well Location Unit Letter <u>B</u> : <u>330</u> feet from the <u>FNL</u> line and <u>1650</u> feet from the <u>FEL</u> line Section <u>17</u> Township <u>21S</u> Range <u>37E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3500' GL	

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: <u>DEEPEEN +</u>	CONVERT TO INJECTION <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 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 & Ch

WFX-962

Spud Date:

11/16/1951

Rig Release Date:

12/27/1951

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: Malay S Brown TITLE AO/II DATE 3/8/2017

Conditions of Approval (if any):

**WBDU 65: Deepen Well, Run Liner, and Convert Well to Injection in the Drinkard Formation** (30-025-06642)

**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/ bit on 2-7/8" work string. Tag fill at 6638' and clean out well bore to PBTD @ +/- 6684'. RU Foam N2 Unit as required.

**Day 4:** Continue in hole to drill well out to new TD @ +/- 6807' (+/- 75' below proposed bottom perf)

**Day 5:** Drill out well to new TD at +/- 6807'. 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 +/- 6807'.

RU cement crew, perform single stage cement job to surface consisting of 300 bbl fresh water flush, 40 bbl stop loss spacer, and 181 sacks of TXI Lite cement + additives (weight 12.5 ppg, yield 1.64 cf/sack, volume 52.9 bbl), and 71 sacks of TXI Lite cement + additives (weight 13.2 ppg, yield 1.39 cf/sack, volume 17.6 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 +/- 6792'. 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

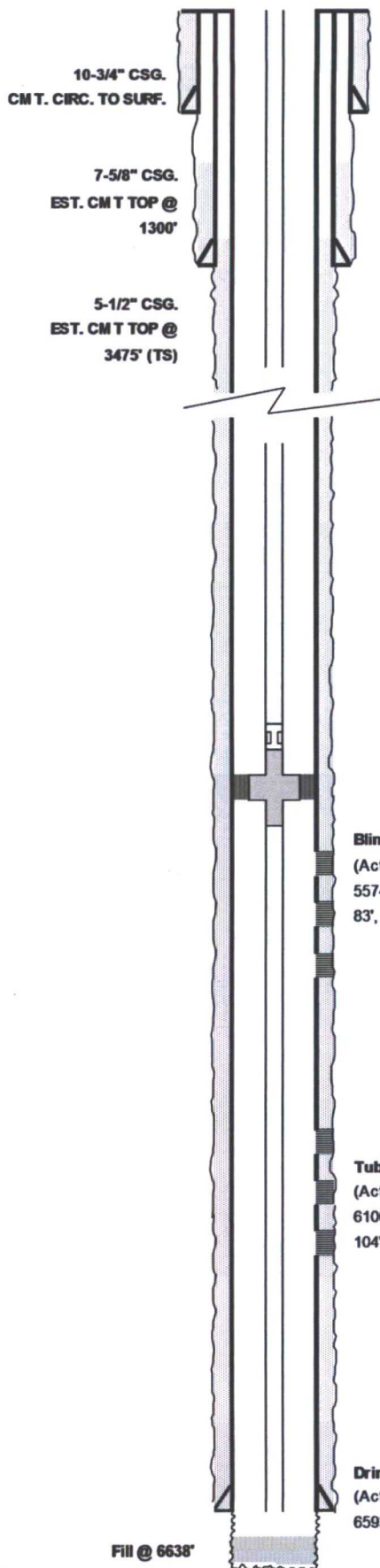
**Day 11:** PU and RIH with 4-1/2" injection packer with 2-3/8" IPC tubing subs, upper and lower profile nipples, and on/off tool on 2-3/8" work string. Set packer @ +/- 6450'. Release on/off tool and pressure test casing to 500 psi. POOH and LD 2-3/8" work string

**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 #65 (Weatherly #1)**  
**WELL DIAGRAM (CURRENT CONFIGURATION)**



WELL NAME: WBDU #65 (Weatherly#1)			API: 30-025-06642		
LOCATION: 330' FNL & 1650' FEL. Unit C, Sec 17, T-21S, R-37E			COUNTY: Lea Co., NM		
SPUD/TD DATE: 11/17/1951 - 12/24/1951			COMP. DATE: 1/2/1952		
PREPARED BY: Bret Shapot			DIAGRAM DATE: 7/27/2016		
TD (ft): 6,684		KB Elev. (ft): 3500		KB to Ground (ft) 9	
PBTD (ft): 6,638		Ground Elev. (ft): 3491			
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	10-3/4" (Cmt. w/ 250sx, Circ.)	32.0	J-55	0 282	
Int. Casing	7-5/8" (Cmt. w/ 1200sx, TOC @ 1300')	26.4	J-55	0 2,759	
Prod. Casing	5-1/2" (Cmt. w/ 300sx, TOC @ 3475')	15.5	J-55	0 6,592	
Tubing	2-3/8"	4.7	J-55	0.00 6,605	
PRODUCTION TBG STRING					
ITEM	DESCRIPTION			LENGTH (FT)	Depth (FT)
1	220 JTS 2-3/8" 4.7 LB/FT J-55 TBG				
2	TAC				5561.00
3	SN				6604.00
4					
5					
6					
7					
8					
9					
10					
PRODUCTION ROD STRING					
ITEM	DESCRIPTION			LENGTH (FT)	Btm (FT)
1	99 JTS 3/4" RODS			2,475.00	
2	164 JTS 5/8" RODS			4,100.00	
3	BHP: 2" X 1-1/4" X 16' RHBC			16.00	
4					
5					
6					
7					
8					
9					
10					
SURFACE EQUIPMENT					
PUMPING UNIT SIZE:			MOTOR HP:		
PUMPING UNIT MAKE:			MOTOR MAKE:		
PERFORATIONS					
Form.	Intervals			FT	SPF
Blinebry	5574-82, 92-98, 5601-04, 10-13, 32-34, 54-60, 71-73, 5704-06, 30-34, 38-42, 57-59, 92-96, 5808-13, 32-44, 86-90			83	1
Tubb	6288-92, 6312-24, 36-42, 57-61, 68-74, 80-85, 94-6400, 6408-12, 42-50			64	1
	6100-10, 62-68, 6240-50, 60-70			40	1
Drinkard (OH)	6592 - 6684			92	N/A

**Blinebry Perfs:**  
 (Active)  
 5574 - 5890  
 83', 83 Shots

**Tubb Perfs**  
 (Active)  
 6100 - 6450  
 104', 104 Shots

**Drinkard OH:**  
 (Active)  
 6593 - 6684

Fill @ 6638'

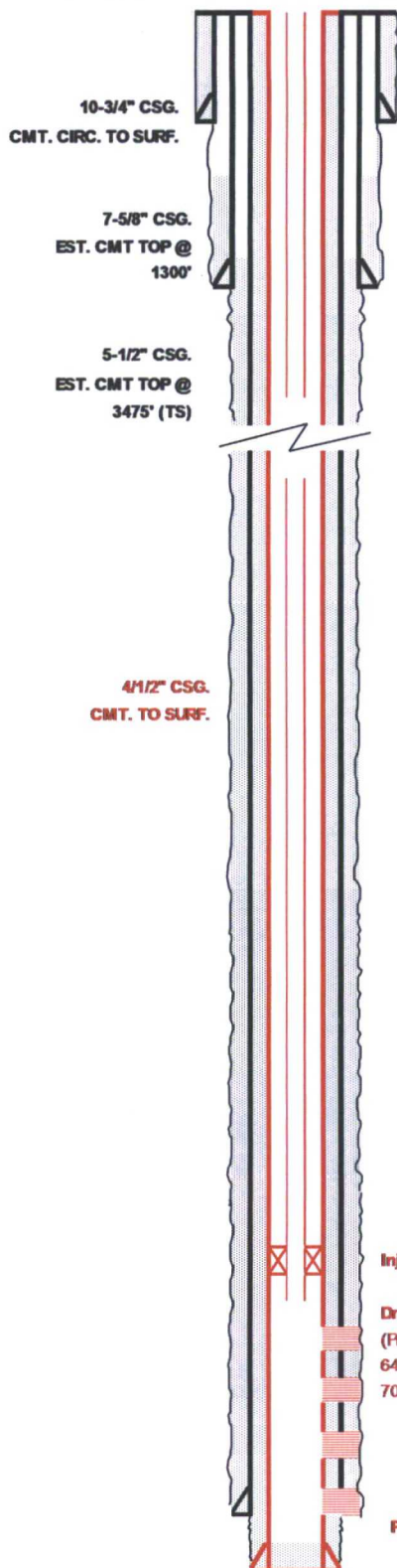
PBTD 6,660.0  
 TD: 6,684.0

**Notes:**

Drinkard OH producer from 1952 - 1989. Drinkard OH frac in 1957. Tubb completed in 1989 (acid / frac). Tubb/Drinkard DHC in 1990. Added pay to Tubb 6100' - 6170' in 2001. Completed Blinebry and acidized in 2001. BTD DHC in 2001. TFF at 6638 in January 2012.

Estimated Drinkard Top = 6455'  
 Estimated Abo Top = 6775'

**Apache Corporation**  
**WBDU #65W (Weatherly #1)**  
**WELL DIAGRAM (PROPOSED CONFIGURATION)**



WELL NAME:		WBDU #65W(Weatherly #1)		API:		30-025-06642	
LOCATION:		330' FNL & 1650' FEL. Unit C, Sec 17, T-21S, R-37E		COUNTY:		Lea Co., NM	
SPUD/TD DATE:		11/17/1951 - 12/24/1951		COMP. DATE:		1/2/1952	
PREPARED BY:		Bret Shapol		DIAGRAM DATE:		7/27/2016	
TD (ft): 6,807		KB Elev. (ft): 3500		KB to Ground (ft)		9	
PBTD (ft): 6,792		Ground Elev. (ft): 3491					
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)			
Surface Casing	10-3/4" (Cmt. w/ 250sx, Circ.)	32.0	J-55	0	282		
Int. Casing	7-5/8" (Cmt. w/ 1200sx, TOC @ 1300')	26.4	J-55	0	2,759		
Prod. Casing	5-1/2" (Cmt. w/ 300sx, TOC @ 3475')	15.5	J-55	0	6,592		
Liner	4-1/2" (Cmt. to surf)	11.6	J-55	0.00	6,807		
Injection Tubing	2-3/8"	4.7	J-55 IPC	0.00	6,515		
INJECTION TBG STRING							
ITEM	DESCRIPTION			LENGTH (FT)	Depth (FT)		
1	2-3/8" 4.7 LB/FT J-55 IPC TBG			6,440.00	6440.00		
2	2-3/8" ON/OFF TOOL W/ 1.78 F PROFILE			1.80	6441.80		
3	2-3/8" X 4-1/2" NICKLE PLATED ARROW-SET PKR			6.20	6448.00		
4	2-3/8" 4.7 LB/FT J-55 IPC TBG			8.00	6456.00		
5	2-3/8" PROFILE NIPPLE 1.50 R			0.90	6456.90		
6	2-3/8" 4.7 LB/FT J-55 IPC TBG			6.00	6,462.90		
7							
8							
9							
10							
PERFORATIONS							
Form.	Intervals			FT	SPF		
Blinebry							
Tubb							
Drinkard	6475 - 6775' (estimated)			70	4		

**Notes:**

Drinkard OH producer from 1952 - 1989. Drinkard OH frac in 1957. Tubb completed in 1989 (acid / frac). Tubb/Drinkard DHC in 1990. Added pay to Tubb 6100' - 6170' in 2001. Completed Blinebry and acidized in 2001. BTD DHC in 2001. TFF at 6638 in January 2012.

Estimated Drinkard Top = 6455'

Estimated Abo Top = 6775'