

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

Form C-103

Revised August 1, 2011

HOBBS OCD

APR 26 2013

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

RECEIVED

WELL API NO. 30-025-06438
5. Indicate Type of Lease <b>FEDERAL</b> <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name West Blinbry Drinkard Unit (WBDU) / 37346
8. Well Number 033
9. OGRID Number 873
10. Pool name or Wildcat Eunice; B-T-D, North (22900)

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.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <u>Injection</u>	
2. Name of Operator Apache Corporation	
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705	
4. Well Location Unit Letter <u>J</u> : 1980 feet from the <u>South</u> line and 1980 feet from the <u>East</u> line Section <u>9</u> Township <u>21S</u> Range <u>37E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4488' GL	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING ☐

Per Underground Injection Control Program Manual

11.6 C Packer shall be set within or less than 1  
feet of the uppermost injection ports on open hole.

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, in performing or open hole 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 perform the attached workover to return this well to injection.

The Oil Conservation Division  
MUST BE NOTIFIED 24 Hours  
Prior to the beginning of operations

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

Spud Date:

2/26/1948

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Reesa Holland Fisher

TITLE Sr. Staff Reg Tech

DATE 4/24/2013

Type or print name Reesa Holland Fisher

E-mail address: Reesa.Holland@apachecorp.com

PHONE: 432/818-1062

For State Use Only

APPROVED BY

[Signature]

TITLE

Dist. Mgr.

DATE

4-30-2013

CONDITION OF APPROVAL: Notify OCD Hobbs  
Office 24 hours prior to running MIT Test & Chart.

APR 30 2013

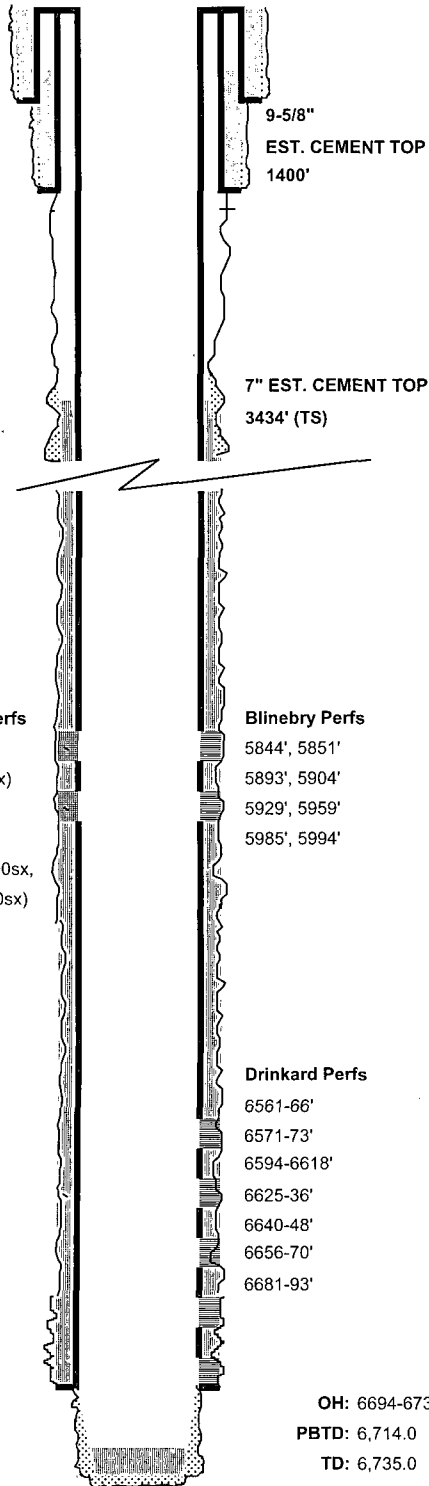
### **WBDU #33W Proposed Procedure**

- Day 1:** MIRU. Install BOP. RIH w/ 6-1/8" bit on 2-7/8" ws. Clean well out to TD @ +/-6735'. POOH
- Day 2:** RU WL. RIH w/Gamma Ray/ Compensated Neutron/Cement Bond log. Log well from TD to surface
- Day 3:** RU csg crew & equipment. RIH 4-1/2" 11.6# J-55 csg C/W centralizers, float equipment, marker joint and stage tool to +/- 6730'
- Day 4:** Perform two stage cement job to surface. WOC
- Day 5:** RIH w/ 3-3/4" bit on 2-3/8" ws. Drill out stage tool, float collar and cement to +/- 6720'. Circulate clean. POOH
- Day 6:** RU wireline unit. Perforate the Drinkard as per the log evaluation above @ 4 SPF, 90 Deg phasing
- Day 7:** RIH w/4-1/2" treating packer on 2-3/8" ws. Set pkr @ +/-6400'. Acidize the Drinkard w/10,000 gals 15% HCl-NE-FE BXDX acid and rock salt in 3 equal stages. Release pkr. Wash out salt. POOH
- Day 8:** RIH w/4-1/2" injection packer, on-off tool and 2-3/8" tbg. Set pkr @ +/- 6400'. P/T backside to 500 psi. Rel. on/off tool and POOH LD ws
- Day 9:** RIH w/2-3/8" IPC inj tbg. Latch on to packer @ +/- 6400'. RO
- Day 10:** Run MIT for NMOCD

Allow injection rates to stabilize, run injection profile and temperature survey

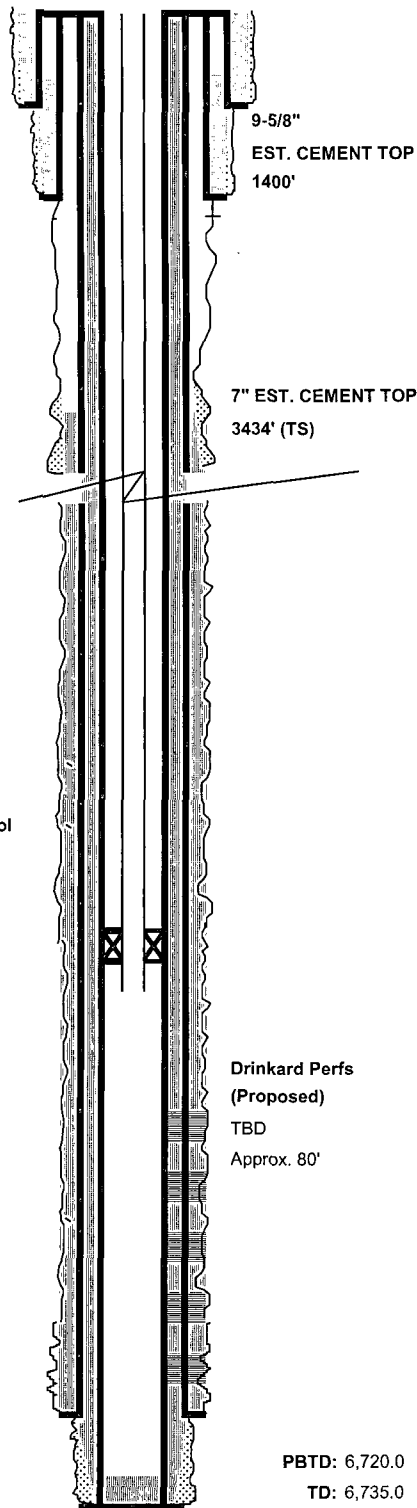
Return well to injection, and at a later date, shut well in to perform fall-off test or static gradient

**Apache Corporation**  
**WBDU #33W (HAWK B-1 #2)**  
**WELL DIAGRAM (CURRENT CONFIGURATION)**



<b>WELL NAME:</b> WBDU #33W (HAWK B-1 #2)		<b>API:</b> 30-025-06438	
<b>LOCATION:</b> 1980°S/1980°W C-NW-SE, Sec. 9, T-21S, R-37E		<b>COUNTY:</b> Lea Co., NM	
<b>SPUD/TD DATE:</b> 12-02-47 / 01-11-48		<b>COMP. DATE:</b> 1/17/1948	
<b>INJ ORDER DATE:</b> 8/11/2008		<b>INJ. ORDER #:</b> R-1298/A	<b>BPD/PSI:</b> 490/1120
<b>PREPARED BY:</b> Michael Hunter		<b>DATE:</b> 3/20/2013	
<b>TD:</b> 6,735.0	<b>KB Elev.</b> 3495.00	<b>KB Dist. H</b>	
<b>PBTD:</b> 6,714.0	<b>Ground Elev.</b> 3485.00	<b>KB to Ground</b> 10.00	
<b>CASING/TUBING</b>	<b>SIZE (IN)</b>	<b>WEIGHT (LB/FT)</b>	<b>GRADE</b>
Surface Casing	13-3/8" (200sx)	36.00	J-55
	9-5/8" (500sx)	36.00	J-55
Prod. Casing	7" (500sx)	23.00	J-55/N-80
Open Hole	6-1/8" (?)		6,694.00 6,735.00
Tubing			
<b>INJECTION TBG STRING</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>LENGTH (FT)</b>	<b>Depth (FT)</b>
1	177 jts 2-3/8" 4.7# IPC tbg. laid down 7/3/2012		
2			
3			
4			
5			
6			
7			
8			
9			
10			
<b>PERFORATIONS</b>			
<b>Zone</b>	<b>Intervals</b>	<b>Density</b>	
<b>Blinebry</b>	5844', 5851', 5893', 5904', 5929', 5959', 5985', 5994' (Active, suspect. sq. during CTI)	1SPF	
	5652-93' (sq. w/211sx), 5785-5810', 5835-90' (all sq w/ 300sx, re-sq. w/200sx)		
<b>Tubb</b>			
<b>Drinkard</b>	6561-66', 6571-73', 6594-6618', 6625-36', 6640-48', 6656-70', 6681-93' (Active)	4/8SPF	
	6694-6735'	OH	

**Apache Corporation**  
**WBDU #33W (HAWK B-1 #2)**  
**WELL DIAGRAM (PROPOSED CONFIGURATION)**



WELL NAME:		WBDU #33W (HAWK B-1 #2)		API:		30-025-06438	
LOCATION:		1980'S/1980'W C-NW-SE, Sec. 9, T-21S, R-37E		COUNTY:		Lea Co., NM	
SPUD/TD DATE:		12-02-47 / 01-11-48		COMP. DATE:		1/17/1948	
INJ ORDER DATE:		8/11/2008		INJ. ORDER #:		R-1298/A	
PREPARED BY:		Michael Hunter		BPD/PSI:		490/1120	
TD:		6,735.0		DATE:		3/22/2013	
KB Elev.		3495.00		KB Dist. H			
PBTD:		6,720.0		Ground Elev.		3485.00	
				KB to Ground		10.00	
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)			
Surface Casing	13-3/8" (200sx)	36.00	J-55	0.00	200.00		
	9-5/8" (500sx)	36.00	J-55	0.00	2,789.00		
Prod. Casing	7" (500sx)	23.00	J-55/N-80	0.00	6,694.00		
	4.5"	11.60	J-55	0.00	6,735.00		
	(Cement to Surf.)						
Open Hole							
Tubing	2-3/8"	4.70	J-55 (IPC)	0.00	6,510.00		
INJECTION TBG STRING							
ITEM	DESCRIPTION			LENGTH (FT)	Depth (FT)		
1	On/off connector				+/-6498		
2	Profile Nipple				+/-6500		
3	Injection Packer				+/-6500		
4	2-3/8" 4.7# IPC tbg				+/-6510		
5							
6							
7							
8							
9							
10							
PERFORATIONS							
Zone	Intervals					Density	
Blinebry							
Tubb							
Drinkard	TBD (Approx. 80')					4SPF	