

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 August 1, 2011

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.)		WELL API NO. 30-025-06443
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <u>Injection</u>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Apache Corporation		6. State Oil & Gas Lease No.
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705		7. Lease Name or Unit Agreement Name West Blinbry Drinkard Unit (WBDU) / 37346
4. Well Location Unit Letter <u>B</u> : 660 feet from the <u>North</u> line and <u>1980</u> feet from the <u>East</u> line Section <u>9</u> Township <u>21S</u> Range <u>37E</u> NMPM County <u>Lea</u>		8. Well Number <u>006</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3472' GL		9. OGRID Number 873
		10. Pool name or Wildcat Eunice; B-T-D, North (22900)

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CAPSULEMENT JOB <input type="checkbox"/> Per Underground Injection Control Program Manual 11.6 C Packer shall be set within or less than 100 feet of the uppermost injection perfs or open hole OTHER: <input type="checkbox"/>
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimates 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 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:

10/12/1962

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

Conditions of Approval (if any):

APR 30 2013

WBDU #6W Proposed Procedure

- Day 1:** MIRU. Install BOP. RIH w/ 6-1/8" washover shoe w/ internal cut-rite, washover pipe w/ grapple, and string mill on 2-7/8" ws
- Day 2:** Work through tight spots in casing, circulate clean. Attempt to washover and retrieve fish
- Day 3:** Cont. to attempt to retrieve fish. POOH
- Day 4:** RIH, cut over and remove CIBP and Model D packer pushed to 6702'
- Day 5:** Continue to cut over and remove CIBP and Model D packer pushed to 6702'. Clean well out to original PBTD at +/-6740'
- Day 6:** RU wireline unit. RIH w/GR/CNL/CCL/CBL. Log well from TD to surface. POOH. (Drinkard perms to be determined from log evaluation)
- Day 7:** RU csg crew & equipment. RIH 4-1/2" 11.6# J-55 csg C/W centralizers, float equipment, marker joint, and stage tool to +/- 6735'
- Day 8:** Perform two stage cement job to surface. WOC
- Day 9:** RIH w/ 3-3/4" bit on 2-3/8" ws. Drill out stage tool, float collar, and cement to +/- 6720'. Clean well out to PBTD. POOH
- Day 10:** RU wireline unit. Perforate the Drinkard as per the log evaluation above @ 4 SPF, 90 Deg phasing
- Day 11:** RIH w/4-1/2" treating packer on 2-3/8" tbg. 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 12:** 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 13:** RIH w/2-3/8" IPC inj tbg. Latch on to packer @ +/- 6400'. RO
- Day 14:** 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

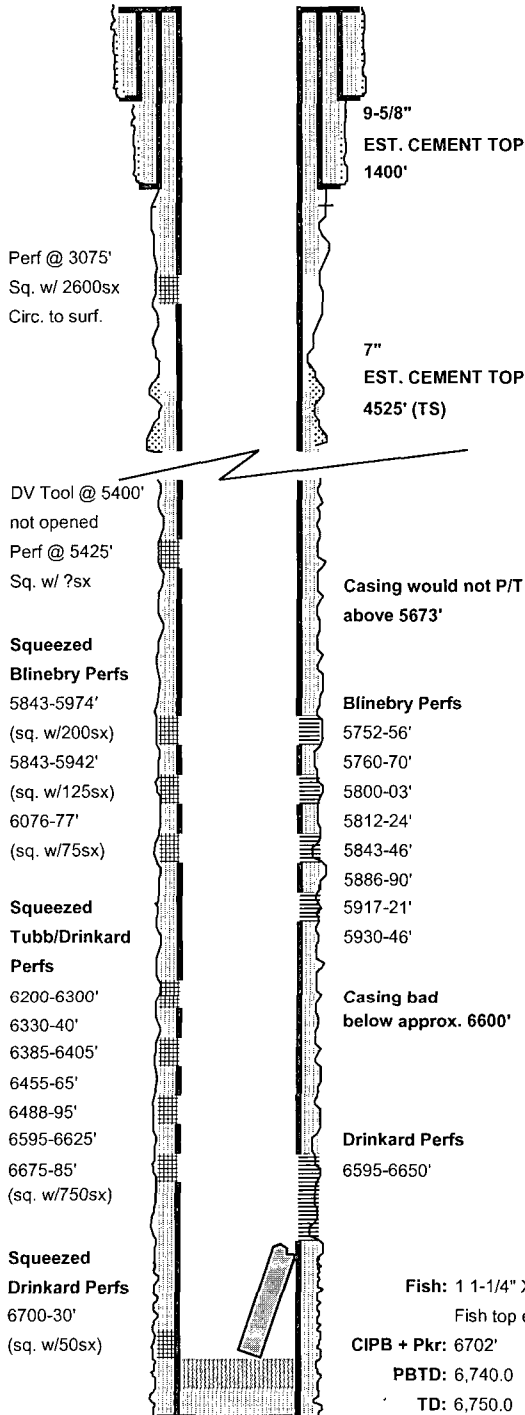
Apache Corporation
WBDU #6W (Southland Royalty A #2)
WELL DIAGRAM (CURRENT CONFIGURATION)



WELL NAME: WBDU #6W (Southland Royalty A #2)		API: 30-025-06443			
LOCATION: 660°N/1980°E C-NW-SE, Sec. 9, T-21S, R-37E		COUNTY: Lea Co., NM			
SPUD/TD DATE: 11-30-47 / 01-21-48		COMP. DATE: 2/8/1948			
INJ ORDER DATE: 8/11/2008	INJ. ORDER #: R-1298A	BPD/PSI: 490/1120			
PREPARED BY: Michael Hunter		DATE: 3/25/2013			
TD: 6,750.0	KB Elev. 3484.00	KB Dist. H			
Fill: 6,702.0	Ground Elev. 3472.00	KB to Ground 12.00			
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	13-3/8" (150sx)	48.00	H-40	0.00	225.00
	9-5/8" (700sx)	36.00	H-40	0.00	1,408.00
Prod. Casing	7" (400sx)	20/23	J-55/N-80	0.00	6,740.00
Open Hole					
Tubing					

INJECTION TBG STRING			
ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1	181 jts 2-3/8" 4.7# (?) IPC tbg. laid down 5/23/2012		
2			
3			
4			
5			
6			
7			
8			
9			
10			

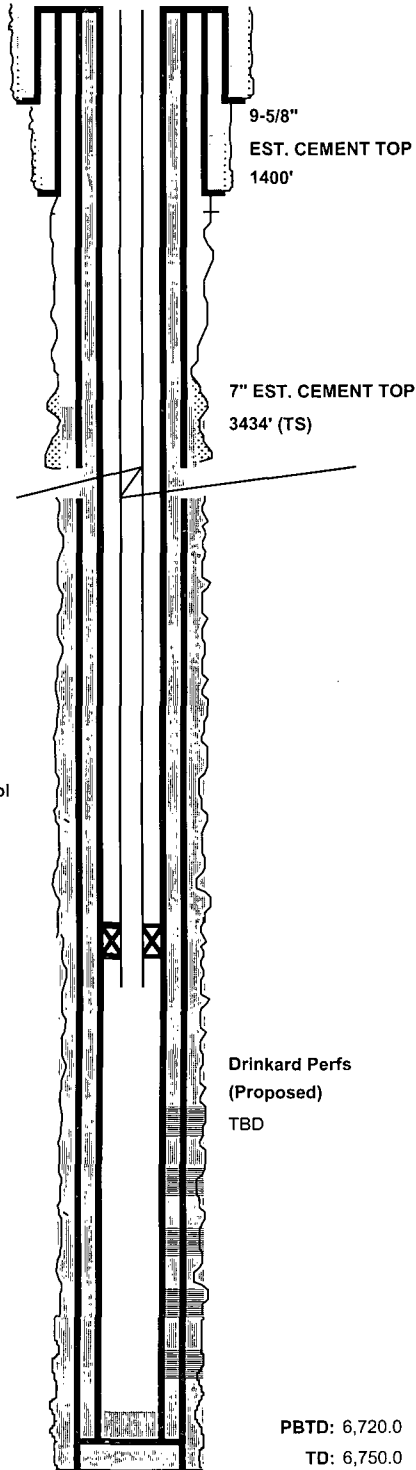
PERFORATIONS		
Zone	Intervals	Density
Blinebry	5752-56', 5760-70', 5800-03', 5812-24', 5843-46', 5886-90', 5917-21', 5930-46' (act.)	4SPF
	5843-5974' (sq. w/200sx), 5843-5942' (sq. w/125sx), 6076-77' (sq. w/75sx)	
Tubb	6200-6300', 6330-40', 6385-6405', 6455-65', 6488-95', 6595-6625', 6675-85' (sq. w/750sx)	
Drinkard	6595-6650' (Active)	1/2SPF
	6700-30' (sq. w/50sx)	



Fish: 1 1-1/4" X 4' set jars, 1 1-3/8" X 1' fishing tool, 1 1-3/8" cable head, 1 1-3/8" X 7' sinker bar & 1 1-1/4" xs 4' set jars
 Fish top est. @ ?

CIPB + Pkr: 6702'
PBTD: 6,740.0
TD: 6,750.0

Apache Corporation
WBDU #6W (Southland Royalty A #2)
WELL DIAGRAM (Proposed Configuration)



WELL NAME: WBDU #6W (Southland Royalty A #2)			API: 30-025-06443		
LOCATION: 660°N/1980°E C-NW-SE, Sec. 9, T-21S, R-37E			COUNTY: Lea Co., NM		
SPUD/TD DATE: 11-30-47 / 01-21-48			COMP. DATE: 2/8/1948		
INJ ORDER DATE: 8/11/2008		INJ. ORDER #:	R-1298A	BPD/PSI: 490/1120	
PREPARED BY: Michael Hunter			DATE: 3/25/2013		
TD: 6,750.0	KB Elev.	3484.00			
KB Dist. H					
PBTD: 6,720.0	Ground Elev.	3472.00			
KB to Ground			12.00		
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	13-3/8" (150sx)	48.00	H-40	0.00 225.00	
	9-5/8" (700sx)	36.00	H-40	0.00 1,408.00	
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				+/-6400
3	Injection Packer				+/-6400
4	2-3/8" 4.7# IPC tbg				+/-6410
5					
6					
7					
8					
9					
10					
PERFORATIONS					
Zone	Intervals				Density
Blinebry					
Tubb					
Drinkard	TBD				4SPF