

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
HOBBS OCD
OIL CONSERVATION DIVISION
JUN 24 2013 1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

Revised August 1, 2011

RECEIVED 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. 30-025-06444
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)
4. Well Location Unit Letter <u>H</u> : 1980 feet from the <u>North</u> line and <u>660</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>009</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3465' 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 ☐ 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/CEMENT JOB ☐

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 CO this well, run a liner and re-perf & stimulate, per the attached procedure.

Spud Date:

5/23/1953

Rig Release Date:

7/2/1953

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 6/21/2013

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 7-18-2013

CONDITION OF APPROVAL NOTIFY OCD DISTRICT OFFICE
24 HOURS PRIOR TO RUNNING M I T TEST & CHART

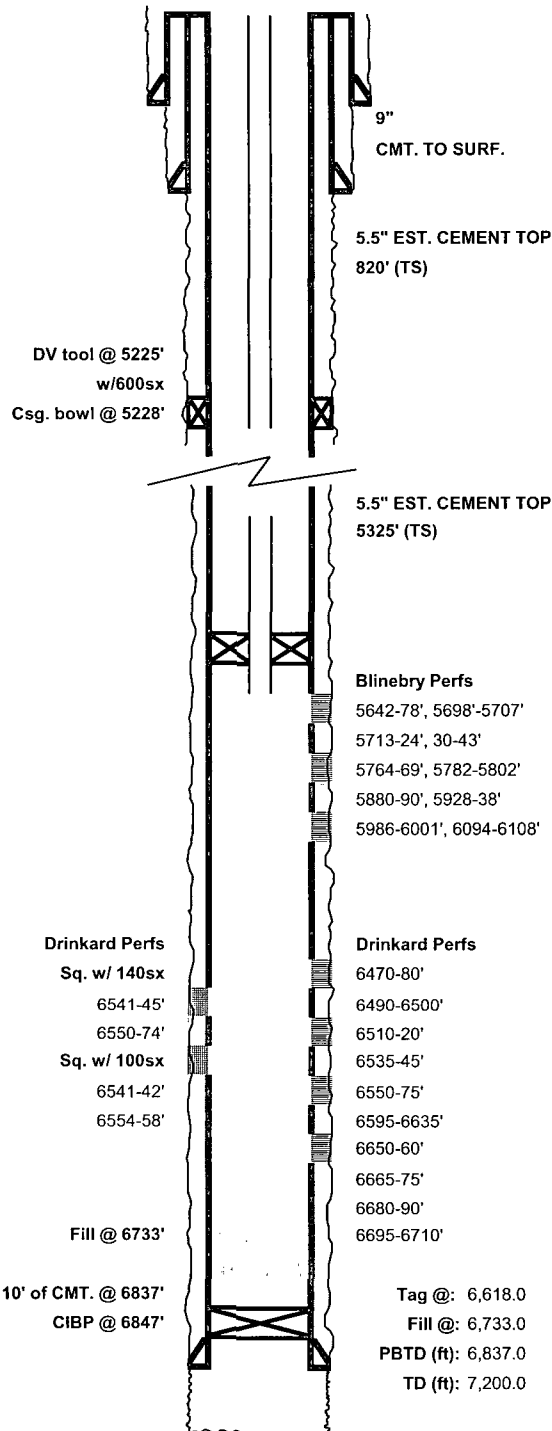
JUL 18 2013

WBDU 9W Proposed Procedure

Clean Well Out, Run 4.5" Liner, Re-Perforate and Stimulate

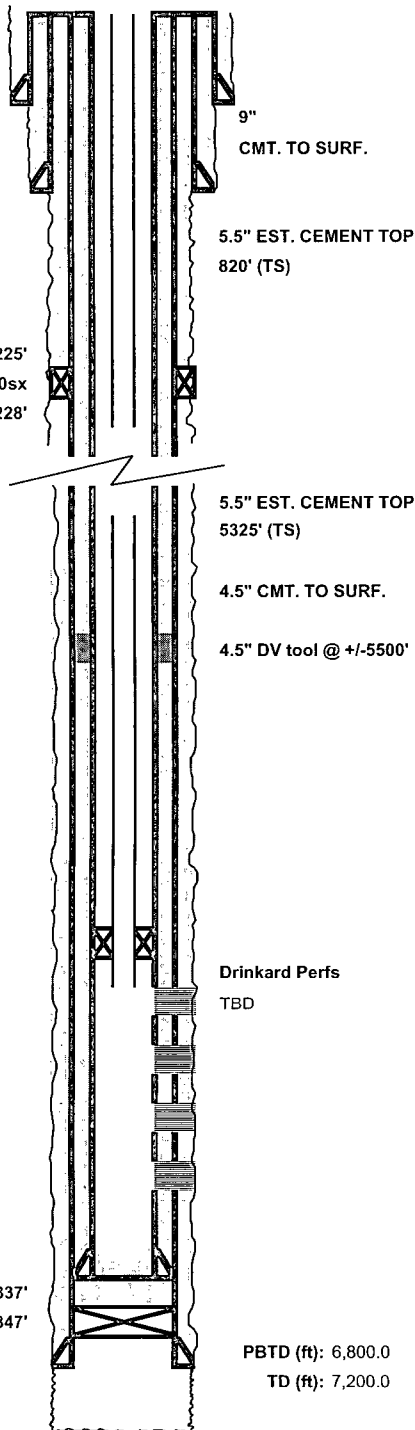
1. MIRU. Install BOP. Release 5-1/2" packer and POOH w/ 2-3/8" IPC injection tubing and packer
2. RIH w/ 4-3/4" bit on 2-7/8" work string. Clean out well out from current PBTD at 6733' to 6837'. Circulate clean. POOH
3. RU WL. RIH w/GR/CNL/CCL/CBL. Log well from TD to surface (perforation intervals to be determined from log interpretation)
4. RU casing crew and equipment. RIH w/ 4-1/2" 11.6# J-55 flush joint casing w/float equipment, marker joint and stage tool (@ +/-5500') to +/- 6837'
5. Perform two stage cement job to surface. WOC
6. RIH w/ 3-3/4" bit on 2-3/8" work string. Drill out stage tool, float collar and cement to +/- 6800'. Circulate clean. POOH
7. RU wireline unit. RIH w/CBL/CCL, log well from TD to surface. RIH w/ perforating guns, perforate the Drinkard as per the log evaluation above @ 4 SPF, 90 degree phasing
8. RIH w/4-1/2" treating packer on 2-3/8" work string. Set packer @ +/-6500'. Acidize the Drinkard w/10,000 gals 15% HCl-NE-FE BXDX acid w/scale inhibitor and rock salt in 3 equal stages @ +/- 10 BPM. Release pkr. Wash out salt. POOH
9. RIH w/4-1/2" injection packer, on-off tool and 2-3/8" work string. Set packer @ +/- 6500'. P/T backside to 500 psi. Release on/off tool and POOH LD ws
10. RIH w/2-3/8" IPC injection tubing. Latch on to packer @ +/- 6500'. RO
11. Run MIT for NMOCD. Place well on injection
12. Allow injection rates to stabilize, run injection profile and temperature survey
13. At later date, shut well in to perform a fall-off test or static gradient

Apache Corporation
WBDU #9W (SOUTHLAND ROYALTY A #6)
WELL DIAGRAM (CURRENT CONFIGURATION)



WELL NAME:		WBDU #9W (SOUTHLAND ROYALTY A #6)		API:		30-025-06444	
LOCATION:		1980°N/660°E C-SE-NE, Sec. 9, T-21S, R-37E		COUNTY:		Lea Co., NM	
SPUD/TD DATE:		5-23-53/7-1-53		COMP. DATE:		8/1/1953	
INJ ORDER DATE:		8/11/2008		INJ. ORDER #:		R-1298/A	
PREPARED BY:		Michael Hunter		DATE:		5/23/2013	
TD (ft):		7,200.0		KB Elev. (ft)		3,478.0	
PBTD (ft):		6,733.0		Ground Elev. (ft)		3,465.0	
				KB to Ground (ft)		13.00	
CASING/TUBING		SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)		
Surface Casing	13-3/8" (275sx, circ.)	36.00	??	0.00	252.00		
	9" (1380sx, circ.)	34.00	H-40	0.00	2,856.00		
Prod. Casing	5-1/2" (280sx, TOC @ 5325')	14/15.5/17	J-55	0.00	6,892.00		
Open Hole							
Tubing	2-3/8"	4.70	J-55 IPC	0.00	5,633.00		
INJECTION TBG STRING							
ITEM	DESCRIPTION			LENGTH (FT)	Depth (FT)		
1	ON/OFF TOOL						
2	BAKER LOK-SET PACKER				5,616		
3	PROFILE NIPPLE				5,626		
4	176 JTS 2-3/8" 4.7# J-55 IPC TBG				5,633		
5							
6							
7							
8							
9							
10							
PERFORATIONS							
Zone	Intervals				Density		
Blinebry	5642-78', 5698'-5707', 13-24', 30-43', 64-69', 5782-5802', 80-90' (Active)				2 SPF		
	5928-38', 5986-6001', 6094-6108' (Active)				2 SPF		
Tubb							
Drinkard	6470-80', 6490-6500', 6510-20', 35-45', 50-75', 6595-6635' (Active)				2 SPF		
	6650-60', 65-75', 80-90', 6695-6710' (Active)				2 SPF		
	6541-45', 50-75' (Sq. w/ 140sx), 6541-42', 54-58' (Sq. w/ 100sx)				4 SPF		

Apache Corporation
WBDU #9W (SOUTHLAND ROYALTY A #6)
WELL DIAGRAM (PROPOSED CONFIGURATION)



WELL NAME:		WBDU #9W (SOUTHLAND ROYALTY A #6)		API:		30-025-06444	
LOCATION:		1980°N/660°E C-SE-NE, Sec. 9, T-21S, R-37E		COUNTY:		Lea Co., NM	
SPUD/TD DATE:		5-23-53/7-1-53		COMP. DATE:		8/1/1953	
INJ ORDER DATE:		8/11/2008		INJ. ORDER #:		R-1298/A	
PREPARED BY:		Michael Hunter		DATE:		5/23/2013	
TD (ft):		7,200.0		KB Elev. (ft)		3,478.0	
PBTD (ft):		6,800.0		Ground Elev. (ft)		3,465.0	
				KB to Ground (ft)		13.00	
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)			
Surface Casing	13-3/8" (275sx, circ.)	36.00	??	0.00	252.00		
	9"						
	(1380sx, circ.)	34.00	H-40	0.00	2,856.00		
Prod. Casing	5-1/2"						
	(280sx, TOC @ 5325')	14/15.5/17	J-55	0.00	6,892.00		
	4-1/2"	11.60	J-55 FJ	0.00	6,837.00		
Open Hole							
Tubing	2-3/8"	4.70	J-55 IPC	0.00	+/-6520		
INJECTION TBG STRING							
ITEM	DESCRIPTION			LENGTH (FT)	Depth (FT)		
1	ON/OFF TOOL				+/-6498		
2	BAKER LOK-SET PACKER				+/-6500		
3	200 JTS 2-3/8" 4.7# J-55 IPC TBG				+/-6520		
4							
5							
6							
7							
8							
9							
10							
PERFORATIONS							
Zone	Intervals					Density	
Blinebry							
Tubb							
Drinkard	TBD					4 SPF	