

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

HOBBS OCD

MAY 13 2013

RECEIVED

WELL API NO. 30-025-36314
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name West Blinebry Drinkard Unit (WBDU) / 37346
8. Well Number 013
9. OGRID Number 873
10. Pool name or Wildcat Eunice; B-T-D, North (22900)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3469' GL

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 ☒ Gas Well ☐ Other

2. Name of Operator
Apache Corporation

3. Address of Operator
303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705

4. Well Location
Unit Letter P : 130 feet from the South line and 1270 feet from the East line
Section 4 Township 21S Range 37E NMPM County Lea

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 would like to add perforations to, and acid stimulate the Blinebry and Drinkard formations, per the attached.

Spud Date:

8/8/2003

Rig Release Date:

8/19/2003

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 5/9/2013

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]
Conditions of Approval (if any):

TITLE DIST. MGR

DATE 5-20-2013

MAY 23 2013

Chm

WBDU #013 Proposed Procedure

30-025-36314

Apache Corp.

Add perforations to, and acid stimulate the Blinebry and Drinkard formations

Day 1: MIRU. POOH w/ rods and pump. Install BOP. Tag for fill and POOH w/ 2-7/8" tbg. RIH w/ 4-3/4" bit on 2-7/8" ws

Day 2: Cont. RIH, clean well out as necessary to +/-6800'. POOH. RIH w/ scraper to +/-6750'

Day 3: Cont. RIH w/scraper to +/-6750', POOH.

MIRU WL. Perforation depths based on a datum elevation of 3479' (KB elevation). Openhole logs with proposed perforations will be provided for correlation

Perforate the Drinkard from 6488-90', 92-94', 6511-13', 18-24', 31-35', 36-38', 49-52', 6636-39', 46-54', 78-80' w/ 4 SPF, 90 deg phasing (34 ft, 136 shots)

Perforate the Blinebry from 5752-54', 84-85', 96-99', 5956-58', 6146-47' w/ 4 SPF, 90 deg phasing (9 ft, 36 shots)

PU RIH w/ RBP and treating pkr

Day 4: Cont. RIH w/ RBP and treating pkr

Set RBP @ +/-6720'. Set pkr @ +/-6600'. Acidize the Drinkard w/4,200 gals 15% HCl-NE-FE BXDX acid and rock salt in three equal stages @ +/-10 BPM. Release pkr. Wash out salt. Release RBP

Re-set RBP @ +/-6600'. Set pkr @ +/-6400'. Acidize the Drinkard w/3,600 gals 15% HCl-NE-FE BXDX acid and rock salt in three equal stages @ +/-10 BPM. Release pkr. Wash out salt. Release RBP

Re-set RBP @ +/-6240', set pkr @ +/-5710'. Acidize the Blinebry/Upper Tubb w/3,400 gals 15% HCl-NE-FE BXDX acid and rock salt in three equal stages @ +/- 10 BPM. Release pkr. Wash out salt. Release RBP

POOH w/ 2-7/8" ws

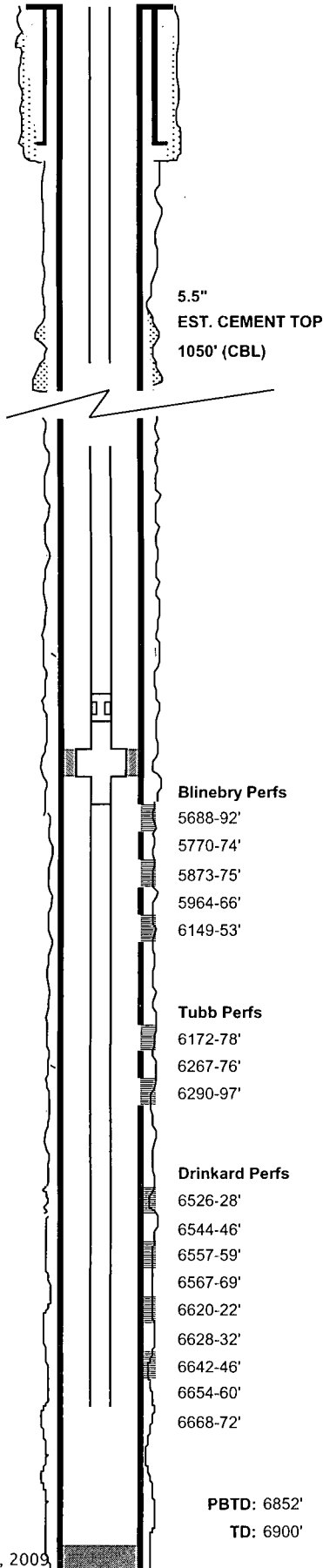
Day 5: Cont. POOH w/ 2-7/8" ws. RIH w/ SN, 2-7/8" production tbg. ND BOP, set TAC, NU WH

Day 6: RIH w/ 1-1/4" pump and rods. Return well to production. Place well in test

Apache Corporation
WBDU #13 (Southland Royalty A #19)
WELL DIAGRAM (CURRENT CONFIGURATION)



SURF. CSG.



WELL NAME:		WBDU #13 (Southland Royalty A #19)		API:		30-025-36314	
LOCATION:		130°S/1270°E SE-SE-NE, Sec. 4, T-21S, R-37E		COUNTY:		Lea Co., NM	
SPUD-TD DATE:		08/06/2003 - 08/18/2003		COMP. DATE:		12/4/2003	
PREPARED BY:		Michael Hunter		DATE:		4/12/2013	
TD: 6900'		KB Elev. 3479'		KB Dist. H			
PBTD: 6852'		Ground Elev. 3469'		KB to Ground		10'	
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE		DEPTHS (FT)		
Surface Casing	8-5/8"	24.00	J-55		0.00	1,286.00	
	(Cemented w/700sx, Circ. to surf.)						
Prod. Casing	5-1/2"	17.00	J-55/L-80		0.00	6,900.00	
	(Cemented w/1100sx, TOC @ 1050' CBL)						
Open Hole							
Tubing	2-7/8"	6.50	J-55		0.00	6,721.00	
PRODUCTION TBG STRING							
ITEM	DESCRIPTION				LENGTH (FT)	Depth (FT)	
1	2-7/8" X 5-1/2" Tubing Anchor					5612.00	
2	206 JTS 2-7/8" 6.5# J-55 TBG					6721.00	
3	SN					6700.00	
4							
5							
6							
7							
8							
9							
10							
PRODUCTION ROD STRING							
ITEM	DESCRIPTION				LENGTH (FT)	Btm (FT)	
1	89 JTS 7/8" KD RODS				2,225.00		
2	178 JTS 3/4" KD RODS				4,450.00		
3	BHP: 2" X 1 1/2" X 24' RHBC W/RHR (04/26/2004)				24.00		
4							
5							
6							
7							
8							
9							
10							
SURFACE EQUIPMENT							
PUMPING UNIT SIZE:		C320-213-86		MOTOR HP:		30 HP	
PUMPING UNIT MAKE:				MOTOR MAKE:			
PERFORATIONS							
Form.	Intervals					Density	
Blinebry	5688-92', 5770-74', 5873-75', 5964-66' (Active)					2 SPF	
Tubb	6149-53', 72-78', 6267-76', 6290-97' (Active)					2 SPF	
Drinkard	6526-28', 44-46', 57-59', 67-69', 6620-22', 28-32', 42-46', 54-60', 68-72' (Active)					2 SPF	

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PBTD: 6852'

TD: 6900'

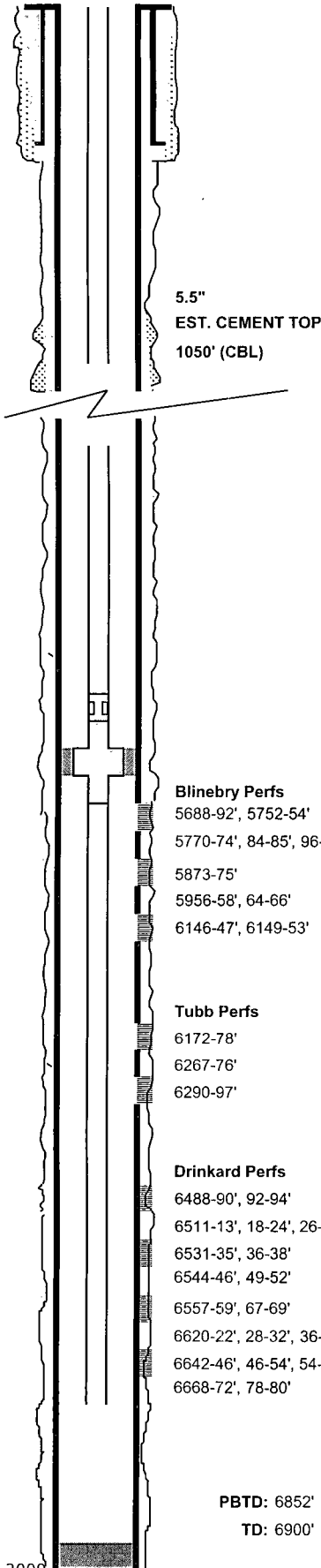
Jul-17, 2009

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Apache Corporation
WBDU #13 (Southland Royalty A #19)
WELL DIAGRAM (PROPOSED CONFIGURATION)



SURF. CSG.



WELL NAME:		WBDU #13 (Southland Royalty A #19)		API:		30-025-36314	
LOCATION:		130°S/127°E SE-SE-NE, Sec. 4, T-21S, R-37E		COUNTY:		Lea Co., NM	
SPUD-TD DATE:		08/06/2003 - 08/18/2003		COMP. DATE:		12/4/2003	
PREPARED BY:		Michael Hunter		DATE:		4/12/2013	
TD: 6900'		KB Elev. 3479'		KB Dist. H			
PBTD: 6852'		Ground Elev. 3469'		KB to Ground		10'	
CASING/TUBING		SIZE (IN)	WEIGHT (LB/FT)	GRADE		DEPTHS (FT)	
Surface Casing		8-5/8"	24.00	J-55		0.00	1,286.00
		(Cemented w/700sx,					
		Circ. to surf.)					
Prod. Casing		5-1/2"	17.00	J-55/L-80		0.00	6,900.00
		(Cemented w/1100sx,					
		TOC @ 1050' CBL)					
Open Hole							
Tubing		2-7/8"	6.50	J-55		0.00	6,721.00
PRODUCTION TBG STRING							
ITEM	DESCRIPTION					LENGTH (FT)	Depth (FT)
1	2-7/8" X 5-1/2" Tubing Anchor						5612.00
2	206 JTS 2-7/8" 6.5# J-55 TBG						6721.00
3	SN						6700.00
4							
5							
6							
7							
8							
9							
10							
PRODUCTION ROD STRING							
ITEM	DESCRIPTION					LENGTH (FT)	Btm (FT)
1	89 JTS 7/8" KD RODS					2,225.00	
2	172 JTS 3/4" KD RODS					4,300.00	
3	6 JTS 1-1/2 K BARS w/ 3/4" PIN N/N					150.00	
4	BHP: 2" X 1 1/4" X 24' RHBC W/RHR					24.00	
5							
6							
7							
8							
9							
10							
SURFACE EQUIPMENT							
PUMPING UNIT SIZE:			C320-213-86	MOTOR HP:		30 HP	
PUMPING UNIT MAKE:				MOTOR MAKE:			
PERFORATIONS							
Form.	Intervals						Density
Blinebry	5688-92', 5770-74', 5873-75', 5964-66' (Active)						2 SPF
	5752-54', 84-85', 96-99', 5956-58', 6146-47' (Proposed)						4 SPF
Tubb	6149-53', 72-78', 6267-76', 6290-97' (Active)						2 SPF
Drinkard	6526-28', 44-46', 57-59', 67-69', 6620-22', 28-32', 42-46', 54-60', 68-72' (Active)						2 SPF
	6488-90', 92-94', 6511-13', 18-24', 31-35', 36-38', 49-52' (Proposed)						4 SPF
	6636-39', 46-54', 78-80' (Proposed)						4 SPF

PBTD: 6852'
 TD: 6900'

Jul-17, 2009

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