

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

31201

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-37210
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. BO-0085
7. Lease Name or Unit Agreement Name West Blinbry Drinkard Unit (WBDU) / 37346
8. Well Number 079
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 ☒ Gas Well ☐ Other ☐

2. Name of Operator
Apache Corporation

3. Address of Operator
303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705

4. Well Location
Unit Letter J : 1650 feet from the South line and 1650 feet from the East line
Section 16 Township 21S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3458' 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 ☐
CLOSED-LOOP SYSTEM ☐
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 workover this well by adding perfs and acidizing, per the attached procedure.

Spud Date:

6/24/2005

Rig Release Date:

7/9/2005

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 4/10/2014

Type or print name Reesa Fisher

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

PHONE: (432) 818-1062

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer

DATE

APR 21 2014

Conditions of Approval (if any):

APR 21 2014

WBDU 79 (API: 30-025-37201)

Proposed Workover Procedure: Add Perforations to the Blinebry, Tubb, and Drinkard and Acid Stimulate

April 10, 2014

Day 1: MIRU. POOH w/ rods and pump. Install BOP. TFF and POOH w/ 2-7/8" tubing

Day 2: PU & RIH w/ 5-1/2" casing scraper and 2-7/8" L-80 work string to +/-6700'. POOH

Day 3: MIRU WL. RIH & correlate depths to CNL/GR/CCL log run 7/15/2005

Perforate the Blinebry, Tubb, and Drinkard formations as per the attached sheet with 3-3/8" TAGs loaded at 2 SPF, 90 deg phasing with SDP charges (total 128 feet, 256 shots). POOH & RD WL

PU & RIH w/ RBP and treating packer on 2-7/8" work string

Day 4: Cont. RIH w/ RBP and treating packer, set RBP at +/- 6700' PUH and set packer at +/-6350'

RU pump trucks. Acidize the Tubb/Drinkard with 11,500 gals Petrol-20 and ball sealers. Release packer and run through perfs to knock off balls. Retrieve RBP

Re-set RBP at +/-6300', set packer at +/-5900'. Acidize the Tubb/Blinebry with 6,500 gals Petrol-20 and ball sealers. Release packer and run through perfs to knock off balls. Retrieve RBP

Re-set RBP at +/-5900', set packer at +/-5525'. Acidize the Blinebry with 6,500 gals Petrol-20 and ball sealers. RDMO pump trucks

Release packer and run through perfs to knock off balls. Retrieve RBP. POOH LD 2-7/8" work string

Day 5: PU & RIH w/ 2-7/8" production tubing. RIH w/ 1-1/2" pump and rods. Return well to production. Place well in test

WBDU 79 Perforation Intervals					
Guns: 3-3/8" TAGs w/ Titan SDP Charges					
Zone	Top	Bottom	Feet	SPF	Shots
Blinebry	5628	5629	2	2	4
Blinebry	5638	5639	2	2	4
Blinebry	5644	5645	2	2	4
Blinebry	5670	5671	2	2	4
Blinebry	5686	5687	2	2	4
Blinebry	5708	5709	2	2	4
Blinebry	5728	5729	2	2	4
Blinebry	5746	5747	2	2	4
Blinebry	5759	5760	2	2	4
Blinebry	5780	5781	2	2	4
Blinebry	5826	5827	2	2	4
Blinebry	5834	5835	2	2	4
Blinebry	5846	5847	2	2	4
Blinebry	5960	5961	2	2	4
Blinebry	5974	5975	2	2	4
Tubb	5998	5999	2	2	4
Tubb	6014	6015	2	2	4
Tubb	6024	6025	2	2	4
Tubb	6032	6033	2	2	4
Tubb	6040	6041	2	2	4
Tubb	6048	6049	2	2	4
Tubb	6068	6069	2	2	4
Tubb	6072	6073	2	2	4
Tubb	6088	6093	6	2	12
Tubb	6110	6111	2	2	4
Tubb	6237	6238	2	2	4
Tubb	6242	6243	2	2	4
Tubb	6247	6248	2	2	4
Tubb	6278	6279	2	2	4
Tubb	6387	6388	2	2	4
Tubb	6393	6394	2	2	4
Drinkard	6411	6412	2	2	4
Drinkard	6418	6419	2	2	4
Drinkard	6428	6429	2	2	4
Drinkard	6442	6443	2	2	4
Drinkard	6448	6449	2	2	4
Drinkard	6454	6455	2	2	4
Drinkard	6467	6468	2	2	4
Drinkard	6477	6478	2	2	4
Drinkard	6485	6486	2	2	4
Drinkard	6496	6497	2	2	4
Drinkard	6503	6506	4	2	8
Drinkard	6511	6513	3	2	6
Drinkard	6521	6524	4	2	8
Drinkard	6539	6541	3	2	6
Drinkard	6552	6553	2	2	4
Drinkard	6562	6563	2	2	4
Drinkard	6570	6571	2	2	4
Drinkard	6574	6575	2	2	4
Drinkard	6578	6579	2	2	4
Drinkard	6593	6594	2	2	4
Drinkard	6601	6602	2	2	4
Drinkard	6608	6611	4	2	8
Drinkard	6627	6629	3	2	6
Drinkard	6633	6635	3	2	6
Drinkard	6639	6640	2	2	4
Drinkard	6651	6652	2	2	4

Apache

The well log diagram illustrates the vertical profile of the well. It shows three main sections: Casing, Tubing, and Open Hole. The casing is labeled as 8-5/8" CSG. CMT. CIRC. at the top and 5.5" CSG. EST. CMT TOP @ 476' (CBL) further down. The tubing is shown below the casing. Perforations are indicated by horizontal bars along the tubing and open hole sections.

Section	Size / Description	Weight (LB/FT)	Grade	Depth (FT)	Total Depth (FT)
Casing	8-5/8"	24.00	J-55	0.00	1,289.00
Prod. Casing	5-1/2"	17.00	J-55/L-80	0.00	7,310.00
Open Hole					
Tubing	2-7/8"	6.50	J-55	0.00	6,722.00

ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1	213 JTS 2-7/8" 6.5# J-55 TBG		
2	TAC		5525.00
3	SN		6722.00
4	SAND SCREEN		6744.00
5			
6			
7			
8			
9			
10			

ITEM	DESCRIPTION	LENGTH (FT)	Btm (FT)
1	78 JTS 1" KD RODS	1,800.00	
2	85 JTS 7/8" KD RODS	1,925.00	
3	94 JTS 3/4" KD RODS	2,925.00	
4	BHP. 2" X 1 1/2" X 26' RHBC	26.00	
5			
6			
7			
8			
9			
10			

PUMPING UNIT SIZE:	MOTOR HP:
C640-365-168	50 HP
PUMPING UNIT MAKE:	MOTOR MAKE:

Form.	Intervals	FT	SPF
Blinebry	Active: 5578-80', 5656'-59', 5715-18', 66-70', 5805-09', 62-65'	19	2
Tubb	Active: 6060-62', 6156-60', 6205-07', 54-56'	10	2
Drinkard	Active: 6529-31', 56-58', 86-88', 6618-22', 6645-47'	12	2

Well Name	API
WBDU #79 (State DA#12)	30-025-37201
LOCATION:	COUNTY:
1650' FSL & 1650' FEL, C-SE-NW-SE, Sec. 17, T-21S, R-37E	Lea Co., NM
SPUD/TD DATE:	COMP. DATE:
6/24/05 - 7/8/05	10/13/2005
PREPARED BY:	DATE:
Michael Hunter	3/21/2014
TD (ft):	KB Elev. (ft)
7,310.0	3469.0
PBTD (ft):	Ground Elev. (ft)
7,264.0	3458.0
CASING/TUBING	SIZE (IN)
Surface Casing	8-5/8"
Prod. Casing	5-1/2"
Open Hole	
Tubing	2-7/8"

Blinebry Perfs Active: 5578 - 5865'
19', 38 shots

Tubb Perfs Active: 6060 - 6256'
10', 20 shots

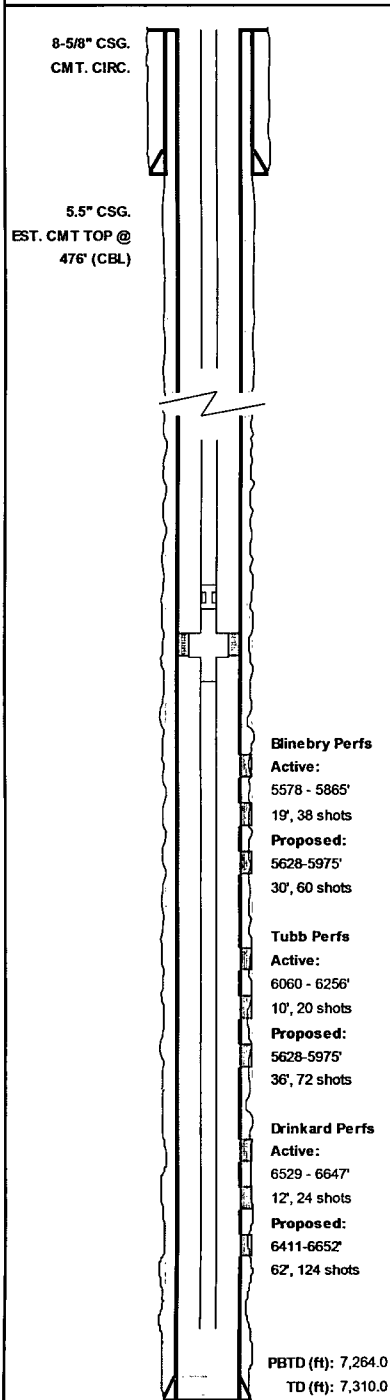
Drinkard Perfs Active: 6529 - 6647'
12', 24 shots

PBTD (ft): 7,264.0
TD (ft): 7,310.0

Apache Corporation
WBDU #79 (State DA #12)



WELL DIAGRAM (PROPOSED CONFIGURATION)



WELL NAME: WBDU #79 (State DA #12)		API:	30-025-37201
LOCATION: 1650' FSL & 1650' FEL, C-SE-NW-SE, Sec. 17, T-21S, R-37E		COUNTY:	Lea Co., NM
SPUD/TD DATE: 6/24/05 - 7/8/05		COMP. DATE:	10/13/2005
PREPARED BY: Michael Hunter		DATE:	3/21/2014
TD (ft): 7,310.0	KB Elev. (ft)	3469.0	
PBTD (ft): 7,264.0	Ground Elev. (ft)	3458.0	
		KB to Ground	11.0
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE
Surface Casing	8-5/8\"	24.00	J-55
	(Cmt. w/600sx, circ)		
Prod. Casing	5-1/2\"	17.00	J-55/L-80
	(Cmt. w/600sx, TOC @ 476')		
Open Hole			
Tubing	2-7/8\"	6.50	J-55

PRODUCTION TBG STRING

ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1	213 JTS 2-7/8\" 6.5# J-55 TBG		
2	TAC		5525.00
3	SN		6722.00
4			
5			
6			
7			
8			
9			
10			

PRODUCTION ROD STRING

ITEM	DESCRIPTION	LENGTH (FT)	Btm (FT)
1	78 JTS 1\" KD RODS	1,800.00	
2	85 JTS 7/8\" KD RODS	1,925.00	
3	94 JTS 3/4\" KD RODS	2,925.00	
4	BHP: 2\" X 1 1/2\" X 26' RHBC	26.00	
5			
6			
7			
8			
9			
10			

SURFACE EQUIPMENT

PUMPING UNIT SIZE:	C640-365-168	MOTOR HP:	50 HP
PUMPING UNIT MAKE:		MOTOR MAKE:	

PERFORATIONS

Form.	Intervals	FT	SPF
Blinebry	Active: 5578-80', 5656'-59', 5715-18', 66-70', 5805-09', 62-65'	19	2
	Proposed: 5628-29', 38-39', 44-45', 70-71', 86-87', 5708-09', 28-29', 46-47', 59-60', 80-81', 5826-27', 34-35', 46-47', 5960-61', 74-75'	30	2
Tubb	Active: 6060-62', 6156-60', 6205-07', 54-56'	10	2
	Proposed: 5998-99', 6014-15', 24-25', 32-33', 40-41', 48-49', 68-69', 72-73', 88-93', 6110-11', 6237-38', 42-43', 47-48', 78-79', 6387-88', 93-94'	36	2
Drinkard	Active: 6529-31', 56-58', 86-88', 6618-22', 6645-47'	12	2
	Proposed: 6411-12', 18-19', 28-29', 42-43', 48-49', 54-55', 67-68', 77-78', 85-86', 96-97', 6503-06', 11-13', 21-24', 39-41', 52-53', 62-63', 70-71', 74-75', 78-79', 93-94', 6601-02', 08-11', 27-29', 33-35', 39-40', 51-52'	62	2