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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 July 18, 2013

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. 30-025-06584
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator Apache Corporation		6. State Oil & Gas Lease No.
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705		7. Lease Name or Unit Agreement Name East Blinbry Drinkard Unit (EBDU) / 35023
4. Well Location Unit Letter <u>G</u> : <u>1980</u> feet from the <u>North</u> line and <u>1650</u> feet from the <u>East</u> line Section <u>14</u> Township <u>21S</u> Range <u>37E</u> NMPM County <u>Lea</u>		8. Well Number <u>051</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3427' 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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐ CTI ☒

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 is requesting permission to convert this well to injection, per the attached procedure and WBD's Injection application is being prepared for submission.

Spud Date:

10/5/1957

Rig Release Date:

10/31/1957

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 2/22/2018

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

03/13/18

Conditions of Approval (if any):

MUST OBTAIN AN APPROVED INJECTION ORDER
MUST PASS MIT & PHT BEFORE INJECTION

East Blinebry Drinkard Unit (EBDU) #51

API No. 30-025-06584

Proposed procedure to convert this well to injection into the Blinebry Formation

1. MIRU PU. TOH and LD rods and pump. ND WH. NU BOP. TOH and LD production tubing.
2. PU and TIH with 2-7/8" work string and bit to PBTD @ 5,848'. TOH with work string and bit.
3. TIH with RBP, packer and WS. Set RBP at ~5,718' and dump 2 sacks of sand on top. PUH and set packer at ~5,570'. Establish an injection rate with water. Squeeze perforations 5,614' – 5,691' with Class "C" cement. Release packer and POH. SWION.
4. TIH with bit and work string. Tag top of cement. Pressure test casing to 500 psig. Drill out cement and pressure test squeeze to 500 psig. Circulate sand off of RBP. POH with work string and bit.
5. TIH with treating packer and work string. Set packer at ~50' above the top Blinebry perforation. MIRU stimulation equipment. Acidize the Blinebry using graded rock salt as a diverting agent. Leave the well shut in for 3 hours. Release the treating packer and wash out any salt. TOH with work string and treating packer.
6. PU and TIH with new injection packer, profile nipple, on/off tool and work string. Set injection packer ~50' above the top Blinebry perforations. Drop blanking plug and seat in profile nipple. Release from the injection packer. TOH & LD work string.
7. PU and TIH with new 2-3/8" injection tubing with on/off tool. Circulate packer fluid and latch onto injection packer. ND BOP. NU WH. Pressure test the casing to 500 psig for 30 minutes.
8. Schedule and run a MIT for the NMOCD. Turn well to injection.



Downhole Well Profile

Well Name: EBDU 51

Current

Reference Datum: KB

API/Surface Loc 3002506584	Surface Legal Location 1980' FNL, 1650' FEL, Unit G, Sec 14, T-21S, R-37E	Field Name EUNICE AREA (EBDU)	State/Province New Mexico	Well Purpose Production
Spud Date 10/5/1957 00:00	Original KB Elevation (ft) 3,427.0	Ground Elevation (ft) 3,417.0	KB-Ground Distance (ft) 10.0	
BSTP (All) (ft/KB) Original Hole: 5,848		Total Depth All (TVD) (ft/KB)		

Production - SMITH #03 - Original Hole, 8/31/2017 5:23:04 PM		Casing Strings							
MD (ft/KB)	Vertical schematic (actual)	Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ft/KB)			
		Surface	18 3/8	48.00	J-40	287.00			
		Inter 1	8 5/8	32.00	J-55	2,997.00			
		Prod 1	6 1/2	15.50	J-55	5,850.00			
		Tubing Strings							
		Tubing Description	Run Date	String Length (ft)	Set Depth (ft/KB)				
		Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
		Rod Strings							
		Rod Description	Run Date	String Length (ft)	Set Depth (ft/KB)				
		Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
		Other In Hole							
		Description		OD (in)	Top (ft/KB)	Run Date			
		Perforations							
		Date	Type	Top (ft/KB)	Botm (ft/KB)	Prop?	Shot Dens (shots/ft)	Entered Shot Total	
		6/10/1980	Blinebry	5,614	5,614	No	1.0	1	
		6/10/1980	Blinebry	5,615	5,615	No	1.0	1	
		6/10/1980	Blinebry	5,616	5,616	No	1.0	1	
		6/10/1980	Blinebry	5,638	5,638	No	1.0	1	
		6/10/1980	Blinebry	5,639	5,639	No	1.0	1	
		6/10/1980	Blinebry	5,640	5,640	No	1.0	1	
		6/10/1980	Blinebry	5,686	5,686	No	1.0	1	
		6/10/1980	Blinebry	5,687	5,687	No	1.0	1	
		6/10/1980	Blinebry	5,688	5,688	No	1.0	1	
		6/10/1980	Blinebry	5,689	5,689	No	1.0	1	
		6/10/1980	Blinebry	5,690	5,690	No	1.0	1	
		6/10/1980	Blinebry	5,723	5,723	No	1.0	1	
		6/10/1980	Blinebry	5,724	5,724	No	1.0	1	
		6/10/1980	Blinebry	5,725	5,725	No	1.0	1	
		6/10/1980	Blinebry	5,726	5,726	No	1.0	1	
		6/10/1980	Blinebry	5,727	5,727	No	1.0	1	
		6/10/1980	Blinebry	5,734	5,734	No	1.0	1	
		11/3/1957	Blinebry	5,735	5,735	No	6.0	6	
		6/10/1980	Blinebry	5,737	5,737	No	1.0	1	
		6/10/1980	Blinebry	5,757	5,757	No	1.0	1	
		11/3/1957	Blinebry	5,758	5,758	No	6.0	6	
		6/10/1980	Blinebry	5,759	5,759	No	1.0	1	
		6/10/1980	Blinebry	5,760	5,760	No	1.0	1	
		11/3/1957	Blinebry	5,798	5,798	No	6.0	6	
		11/3/1957	Blinebry	5,813	5,813	No	6.0	6	
		11/3/1957	Blinebry	5,832	5,832	No	6.0	6	
		Plug Back Total Depths							
		Date	Type	Depth (ft/KB)			Depth (TVD) (ft/KB)		
		10/29/1957	Cement Plug	5,848					
		Comments							
		Comment							
		</							

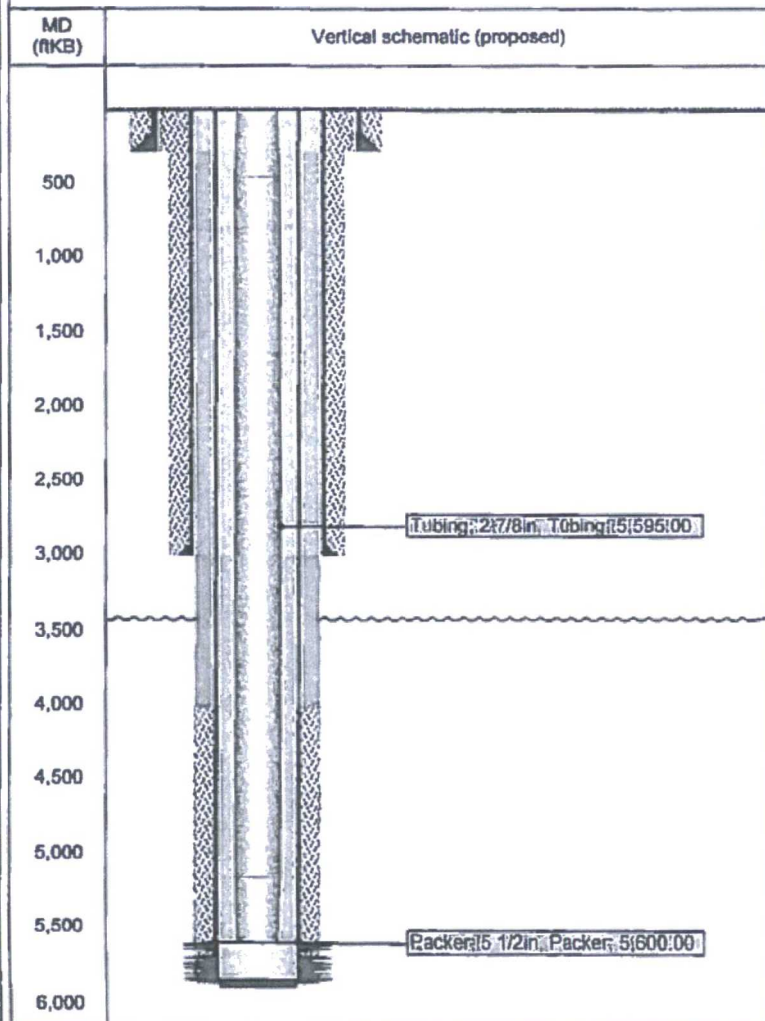


Proposed

Well Name: EBDU 51

Legal Well Name EAST BLINEBRY DRINKARD UNIT 051		Common Well Name EBDU 51		Wellbore API/UVI (API 12 Digits) 3002508584	
Ground Elevation (ft) 3,417.0	Original KB Elevation (ft) 3,427.0	Surface Legal Location 1980' FNL, 1950' FEL, Unit G, Sec 14, T-21S, R-37E		PBTD (API) (ftKB) Original Hole - 5,848	Total Depth (ftKB) 5,850.0

Production - EAST BLINEBRY DRINKARD UNIT 051 - Original Hole, 2/20/2018 11:...



Current Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date
Surface	16	10.0	287.0	10/5/1957
Inter 1	11	287.0	2,997.0	10/10/1957
Prod 1	7 7/8	2,997.0	5,850.0	10/20/1957

Existing Casing

Cas Des	OD (in)	WT (lb/ft)	Grade	Set Depth (ftKB)
Surface	13 3/8	48.00	H-40	287.00
Inter 1	8 5/8	32.00	J-55	2,997.00
Prod 1	5 1/2	15.50	J-55	5,850.00

Existing Cement

String	Des	Top (ftKB)	Btm (ftKB)	Top Meas Meth
Surface, 287.00ftKB, 13 3/8	Primary Cement	10.00	287.00	Returns at Surface
Inter 1, 2,997.00ftKB, 8 5/8	Primary Cement	10.00	2,997.00	Returns at Surface
Prod 1, 5,850.00ftKB, 5 1/2	Primary Cement	4,000.00	5,850.00	Estimated
Prod 1, 5,850.00ftKB, 5 1/2	Cement Plug	5,848.00	5,850.00	Tag

Proposed Tubing String

Tubing Description		Set Depth (ftKB)		
Tubing - Injection		5,600.0		
Item Description	Length (ft)	OD Nominal (in)	Weight/Length (lb/ft)	Grade
Tubing	5,595.00	2 7/8	8.50	J-55
Item Description	Length (ft)	OD Nominal (in)	Weight/Length (lb/ft)	Grade
Packer	5.00	5 1/2		

Existing Perforations

Type	Top Depth (ftKB)	Bottom Depth (ftKB)	Shot Density (shots/ft)	Entered Shot Total
Blinebry	5,614	5,614	1.0	1
Blinebry	5,615	5,615	1.0	1
Blinebry	5,616	5,616	1.0	1
Blinebry	5,638	5,638	1.0	1
Blinebry	5,639	5,639	1.0	1
Blinebry	5,640	5,640	1.0	1
Blinebry	5,686	5,686	1.0	1
Blinebry	5,687	5,687	1.0	1
Blinebry	5,688	5,688	1.0	1
Blinebry	5,689	5,689	1.0	1