

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

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-38591
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 308723
7. Lease Name or Unit Agreement Name N B TWEEN STATE
8. Well Number 20
9. OGRID Number 873
10. Pool name or Wildcat ARTESIA; GLORIETA-YESO (O) (96830)

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Apache Corporation	
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705	
4. Well Location Unit Letter <u>B</u> : <u>330</u> feet from the <u>N</u> line and <u>1700</u> feet from the <u>E</u> line Section <u>25</u> Township <u>17S</u> Range <u>28E</u> NMPM County <u>EDDY</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 PERFS TO EXSISITING POOL AND ACIDIZE

CURRENT PERFS 3742-5210
ADD PERFS 3895-3975
Acidize with 5,000 gallons of NEFE 15% HCl acid

PROCEDURES AND WBD'S ENCLOSED.

RECEIVED
MAR 05 2020
EMNRD-OCDARTESIA

Spud Date:

6/25/2011

Rig Release Date:

7/4/2011

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE alicia fulton TITLE Sr. Staff Reg Analyst DATE 3/3/2020

Type or print name Alicia Fulton E-mail address: alicia.fulton@apachecorp.com PHONE: (432) 818-1088

For State Use Only

APPROVED BY: Raymond H. Talamy TITLE Geologist DATE 3-18-20
Conditions of Approval (if any):



N B Tween State #20
30-015-38591

AFE: 11-19-1193

PROCEDURE:

1. MIRU workover rig.
2. POOH w/ rods and pump. Report preliminary findings of the pump and rods to office personnel (paraffin, scale, sand, rod wear, etc.).
3. Pump produced water as necessary to ND pumping tee. NU 5k double BOP (2-7/8" rams on top and blinds on bottom) and function test. Release TAC (if not set, please note in WellView).
4. TOOH w/ tubing and BHA while scanning. TIH w/ tubing, mill and casing scraper to PBTD. If there are significant solids LD mill and TIH w/ tubing bailer. Recover samples to verify scale – test solubility. If scale is found on the rods/tubing – pump chemical converter in Blinebry only.
5. MIRU EWL, RIH w/ gauge ring, POOH, correlate w/ previous logs.
6. RIH to shoot perforations at 1 JSPF between 3895'-3975' using charges that generate a 0.37" – 0.42" diameter hole with a minimum of 21" penetration. Perfs are as follows: 3895, 99, 3902, 05, 08, 11, 14, 17, 20, 45, 48, 51, 54, 57, 60, 63, 66, 69, 72, 75 (20 holes). RDMO EWL.
7. TIH w/ RBP, packer and tubing while hydro-testing. Set RBP at 5235', pull up hole, and set packer at 4800'
8. MIRU acid crew.
9. Acidize the Blinebry (1st stage). Test lines to 4,500 psi (MSTP = 3500 psi), bleed off. Set pressure safety valve at 4,500. Acidize with 5,000 gallons of NEFE 15% HCl acid at max rate (8-9 BPM if possible).
10. Release packer, retrieve RPB, pull up hole, set RBP at 4800', pull up hole, set packer at 4400'
11. Acidize the Blinebry (2nd stage). Test lines to 4,500 psi (MSTP = 3500 psi), bleed off. Set pressure safety valve at 4,500. Acidize with 5,000 gallons of NEFE 15% HCl acid at max rate (8-9 BPM if possible).
12. Release packer, retrieve RPB, pull up hole, set RBP at 4000', pull up hole, set packer at 3870'.
13. Acidize the new perfs (Paddock). Test lines to 4,500 psi (MSTP = 3500 psi), bleed off. Set pressure safety valve at 4,500. Acidize with 5,000 gallons of NEFE 15% HCl acid at max rate (8-9 BPM if possible).
14. Release packer, retrieve RBP, TOOH w/ BHA and tubing.
15. TIH w/ production BHA and tubing while hydro-testing.
16. RIH w/ 1-1/2" pump and rod string.
17. Set unit to match design, put well on test for one week.
18. RTP.

3/3/2020

post

Apache Corporation

Work Objective

Acidize

 Region Office
 District /Field Office
 AFE Type

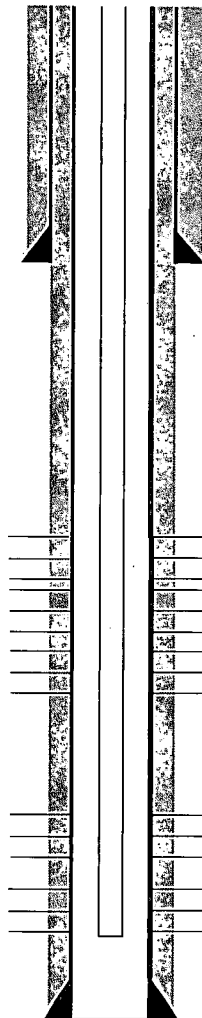
Permian / Midland

W District

Start Date	TBD	End Date	TBD
Lease	N B Tween State	KB/GL	12/3676'
Well Name	N B Tween State #20	Well No.	#20
Field	Artesia (BP)	TD @	5718'
County	Eddy	PBTD @	5673'
State	New Mexico	ETD @	
AFE #	11-19-1193	API #	30-015-38591
Gross AFE	126,000	Spud Date	6/25/2011
Apache WI	100.000000%	Comp. Date	7/4/2011

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	8 5/8"	J-55	24#	400'	600 sx	Circ 81 sx to surf
Inter Csg						
Prod Csg	5 1/2"	K-55	17#	5718'	1325 sx	Circ 105 sx to surf
Casing Liner						

12 1/4" hole

U Padd:
3742-3858'U Padd:
3895-3975'L Padd:
4029-4234'U Blnbry:
4435-4752'L Blnbry:
4840-5210'

7 7/8" hole

TD: 5718'

Date	Zone	Actual Perforations	JSPF	Total Perfs
7/13/2011	L Blinebry	4840, 53, 62, 83, 94, 4908, 20, 33, 40, 53, 64, 75, 85, 96, 5022, 40, 50, 63, 70, 82, 94, 5104, 15, 22, 32, 42, 49, 77, 88, 5200, 10	1	31
8/9/2011	U Blinebry	4435, 45, 54, 59, 73, 91, 4500, 08, 16, 42, 57, 78, 85, 4600, 15, 34, 50, 55, 63, 80, 90, 4700, 08, 16, 27, 37, 46, 52	1	28
8/9/2011	L Paddock	4029, 38, 47, 58, 68, 81, 88, 99, 4100, 22, 30, 61, 70, 78, 87, 94, 4210, 20, 28, 34	1	20
8/9/2011	U Paddock	3742, 50, 65, 70, 77, 88, 93, 3801, 08, 16, 23, 32, 40, 53, 58	2	30
TBD	U Paddock	3895, 99, 3902, 05, 08, 11, 14, 17, 20, 45, 48, 51, 54, 57, 60, 63, 66, 69, 72, 75	1	20

Date	Zone	Stimulation / Producing Interval	Amount
7/13/2011	L Blinebry	4840-5210': A/3500g 15% NEFE, F/ 166M g 18# + 200M# 16/30	
8/9/2011	U Blinebry	4435-4752': A/2500g 15% NEFE, F/ 145M g 18# + 200M# 16/30	
8/9/2011	L Paddock	4029-4234': A/2500g 15% NEFE, F/ 131M g 18# + 158M# 16/30	
8/9/2011	U Paddock	3742-3858': A/3150g 15% NEFE, F/ 126M g 18# + 159M# 16/30	
TBD	U Paddock	3895-3975': Acidize	

Well History / Failure	
8/11: D&C as prod in Blinebry/Paddock. Acidz & Frac ea zone	
7/12: Fished rods & tbg due to gyp. Pmp gyp conv. Acidz 3742-4234 w/ 1764g 15% HCL	
1/13: HIT - BJ	
9/13 Tag for fill, clean to 5470'. HIT - 88 & 101 JF8, rod wear caused by buckling	

Apache Representative

Contract Rig/Number

Apache Engineer

Evan Roback

Operator

Apache Corporation

current

Work Objective

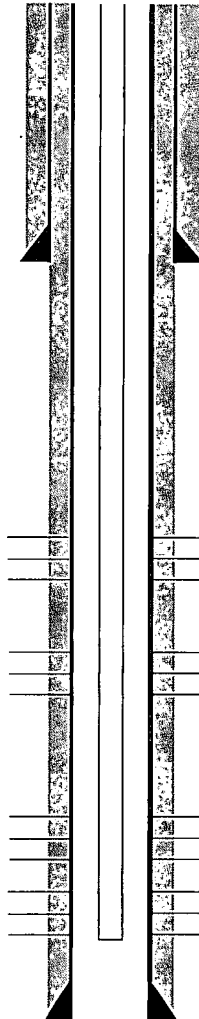
Acidize

Region Office Permian / Midland
District /Field Office W District
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