

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. 30-025-35855
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Mae F Curry (309145)
8. Well Number 005
9. OGRID Number 873
10. Pool name or Wildcat Hardy; Tubb-Drinkard (29760)

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG A WELL OR 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 <u>B</u> : 660 feet from the <u>North</u> line and <u>1780</u> feet from the <u>East</u> line Section <u>7</u> Township <u>21S</u> Range <u>37E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3509' GL	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		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 completing and fracture stimulating the Blinebry, per the attached procedure. We will also be requesting, per separate filing, to downhole commingle the Blinebry with the Tubb/Drinkard.

Notation made by engineer is that at the time of the completion, the Blinebry Marker @ 5810' was reported as the top of the Blinebry. The correct Blinebry top in this well is at 5735'.

Spud Date:

6/25/2002

Rig Release Date:

7/11/2002

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 8/21/2014

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

08/26/14

Conditions of Approval (if any):

AUG 27 2014

Mae F. Curry #5 (API: 30-025-35855)

Proposed Workover Procedure: Complete and Fracture Stimulate the Blinebry Formation

August 18, 2014

Day 1: MIRU. POOH with rods and pump. NU 5K BOPs and POOH w/ 2-3/8" production tubing

PU and RIH w/4-1/2" casing scraper on 2-3/8" tubing to +/-6,300' POOH

Day 2: PU and RIH w/4-1/2" CBP on 2-3/8" tubing to +/-6,300' and set CBP. Circulate wellbore, RU pump truck and P/T casing to 4,200 psi (80% of rated casing burst)

Spot 300 gals 15% HCl (ensure acid system contains corrosion inhibitor) across Stage 1 perforation interval, POOH w/2-3/8" tubing

ND BOPs and NU 5K frac valve and spool

MIRU WL. RIH and perforate the Blinebry and Tubb as per the attached sheet w/ 3-1/8" slick guns loaded w/ Owen TAG-3375-311SL charges @ 1 SPF, 180 deg phasing (total 26 ft, 26 shots), POOH

Day 3: MIRU frac equipment

Break down perforations (max pressure is 4,200 psi) and establish rate. Proceed to acidize the Blinebry and Tubb with 2,000 gals 15% HCl and ball sealers @ +/-10 BPM (max pressure is 4,200 psi)

RU WL and RIH w/ junk basket to knock off balls, POOH

Frac the Blinebry and Tubb w/80,000 lbs 20/40 proppant down 4-1/2" casing @ +/-35 BPM (pressure permitting, max pressure is 4,200 psi) in 25# XL gel as per frac recommendation. Spot 1,000 gals 15% HCl across stage 2 perforations during flush

RU WL and RIH & set CBP @ +/- 6,000', PUH & perforate the Blinebry as per the attached sheet w/ 3-1/8" slick guns loaded w/ Owen TAG-3375-311SL charges @ 1 SPF, 180 deg phasing (total 26 ft, 26 shots), POOH

Acidize the Blinebry with 2,000 gals 15% HCl and ball sealers @ +/-10 BPM (max pressure is 4,200 psi)

RU WL and RIH w/ junk basket to knock off balls, POOH & RD WL

Frac the Blinebry w/120,000 lbs 20/40 proppant down 4-1/2" casing @ +/-35 BPM (pressure permitting, max pressure is 4,200 psi) in 25# XL gel as per frac recommendation. RD frac equipment, SWION

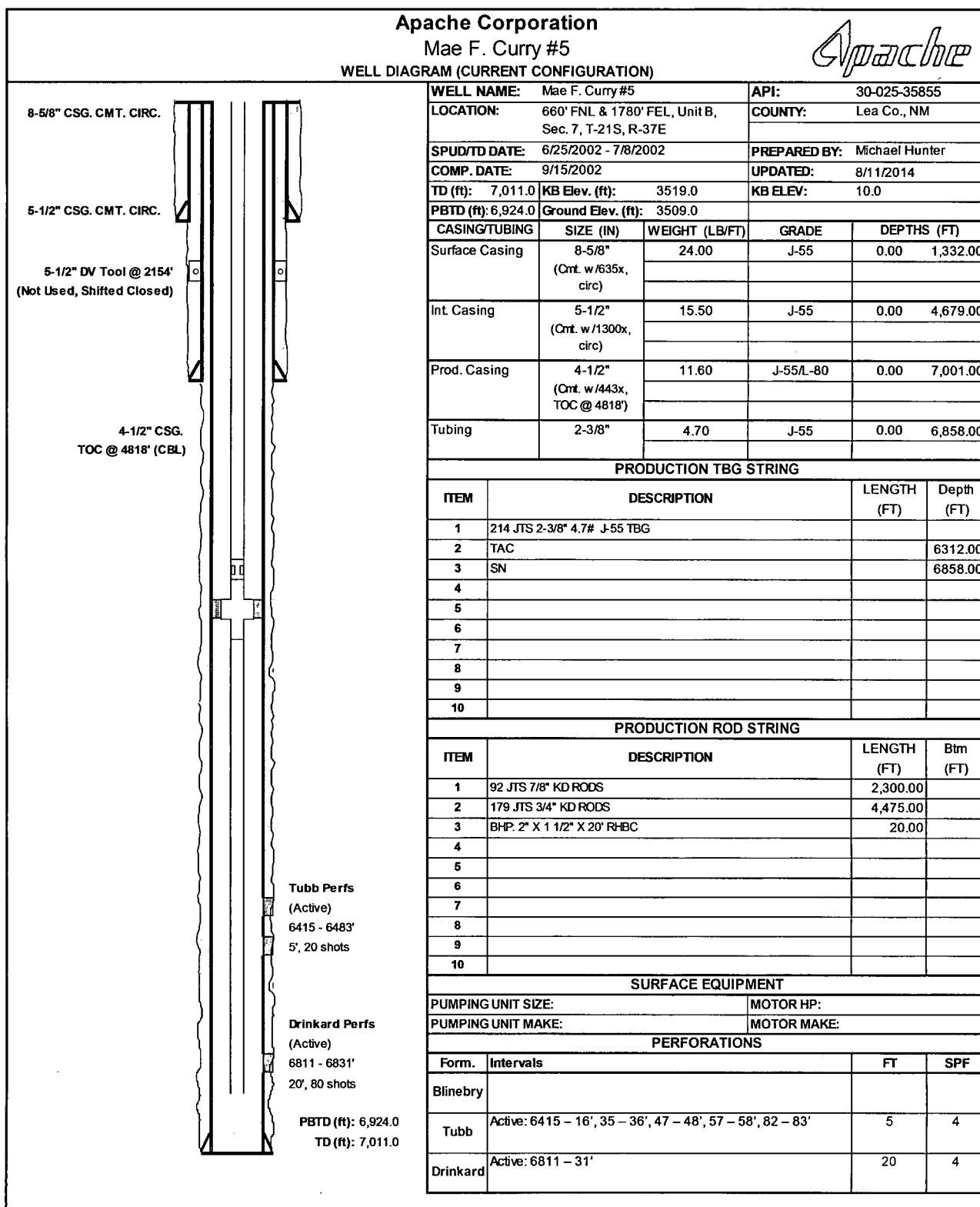
Day 4: ND frac valve and NU BOPs. PU and RIH w/ bit on 2-3/8" tubing. RU nitrogen unit and clean out sand and drill out CBPs. Clean well out to PBTD & circulate clean. POOH w/ 2-3/8" tubing and bit

Day 5: RIH w/ 2-3/8" production tubing. ND BOPs and frac spool and NU production wellhead. RIH w/ 1-1/2" pump and modified rod design. Return well to production. Place well in test

Mae F. Curry #5: Stage 1 Perforations						
Guns: 3-1/8" Slick Guns w/ Owen TAG-3375-311SL Charges						
Stage	Zone	Top	Bottom	Feet	SPF	Shots
1	Blinebry	6078	6079	2	1	2
1	Blinebry	6094	6095	2	1	2
1	Blinebry	6114	6114	1	1	1
1	Blinebry	6117	6117	1	1	1
1	Blinebry	6120	6120	1	1	1
1	Blinebry	6124	6124	1	1	1
1	Blinebry	6132	6133	2	1	2
1	Blinebry	6137	6138	2	1	2
1	Blinebry	6150	6151	2	1	2
1	Blinebry	6156	6157	2	1	2
1	Blinebry	6183	6184	2	1	2
1	Blinebry	6214	6215	2	1	2
1	Blinebry	6227	6228	2	1	2
1	Tubb	6247	6248	2	1	2
1	Tubb	6251	6251	1	1	1
1	Tubb	6253	6253	1	1	1
Total:				26		26

Mae F. Curry #5: Stage 2 Perforations						
Guns: 3-1/8" Slick Guns w/ Owen TAG-3375-311SL Charges						
Stage	Zone	Top	Bottom	Feet	SPF	Shots
2	Blinebry	5762	5763	2	1	2
2	Blinebry	5776	5777	2	1	2
2	Blinebry	5790	5790	1	1	1
2	Blinebry	5796	5796	1	1	1
2	Blinebry	5802	5802	1	1	1
2	Blinebry	5806	5806	1	1	1
2	Blinebry	5812	5812	1	1	1
2	Blinebry	5829	5830	2	1	2
2	Blinebry	5855	5855	1	1	1
2	Blinebry	5858	5858	1	1	1
2	Blinebry	5862	5862	1	1	1
2	Blinebry	5867	5867	1	1	1
2	Blinebry	5872	5872	1	1	1
2	Blinebry	5879	5879	1	1	1
2	Blinebry	5906	5907	2	1	2
2	Blinebry	5940	5941	2	1	2
2	Blinebry	5957	5957	1	1	1
2	Blinebry	5961	5961	1	1	1
2	Blinebry	5965	5965	1	1	1
2	Blinebry	5971	5971	1	1	1
2	Blinebry	5974	5974	1	1	1
Total:				26		26

Current Wellbore Diagram



Proposed Wellbore Diagram

