

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
June 19, 2008

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

WELL API NO. 30-025-35853
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Mae F Curry <309145>
8. Well Number 003
9. OGRID Number 873
10. Pool name or Wildcat Hardy;Bli29710:Hardy;T-D29760:Padd49210

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: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other: <b>HOBBS OCD</b>	
2. Name of Operator Apache Corporation	
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705	
4. Well Location Unit Letter <u>D</u> : <u>660</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>West</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.) 3490' GL	

JUN 08 2015

RECEIVED

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" 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 checked="" type="checkbox"/>			
OTHER: <input 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache would like to completed in the Paddock and then DHC with B-T-D production, per the attached documentation.  
(Request to amend DHC-HOB-533 under separate submission.)

**Denied**  
MUST SUBMIT DHC  
APPLICATION WITH  
SANTA FE  
PAUL KAUTZ STATE.NM.US

Spud Date:

04/03/2002

Rig Release Date:

04/20/2002

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 Regulatory Analyst

DATE 06/04/2015

Type or print name Reesa Fisher

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

PHONE: 432/818-1062

**For State Use Only**

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

JUN 09 2015

pm

## **A5. Proposed Procedure**

- Day 1/2:** MIRU. POOH with rods and pump. NU 5K BOPs and POOH w/ 2-7/8" production tubing  
PU and RIH w/5-1/2" casing scraper on 2-7/8" tubing to +/-6,350' POOH  
PU and RIH w/5-1/2" CBP on 2-7/8" tubing to +/-6,350' and set CBP. Circulate wellbore, RU pump truck and P/T casing to 3,800 psi (80% of rated casing burst)  
Spot 300 gals 15% HCl (ensure acid system contains corrosion inhibitor) across proposed perforation interval, POOH w/2-7/8" tubing  
ND BOPs and NU 5K frac valve and spool  
MIRU WL. RIH and perforate the Paddock and Blinbry as per the attached sheet w/ 3-1/8" slick guns loaded w/ Owen TAG-3375-311SL charges @ 1 SPF, 180 deg phasing (total 28 ft, 28 shots), POOH
- Day 3:** MIRU frac equipment  
Break down perforations (max pressure is 3,800 psi) and establish rate. Proceed to acidize the Paddock and Blinbry with 2,000 gals 15% HCl and ball sealers @ +/-20 BPM (max pressure is 3,800 psi)  
RU WL and RIH w/ junk basket to knock off balls, POOH  
Frac the Paddock and Blinbry w/120,000 lbs 20/40 proppant down 5-1/2" casing @ +/-50 BPM (pressure permitting, max pressure is 3,800 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 2-7/8" tubing. RU nitrogen unit and clean out sand and drill out CBPs. Clean well out to PBTD & circulate clean. POOH w/ 2-7/8" tubing and bit
- Day 5:** RIH w/ 2-7/8" 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

# Apache Corporation

## Mae F. Curry #3

### WELL DIAGRAM (PROPOSED CONFIGURATION)

8-5/8" CSG. CMT. CIRC.

5-1/2" CSG.  
Cmt. Circ.

**Paddock Perfs**  
(Proposed)  
5664'-5685'  
12', 12 Shots

**Blinbry Perfs**  
(Proposed)  
5708'-5878'  
16', 16 Shots

**Tubb Perfs**  
(Active)  
6420' - 6456'  
36', 144 shots

**Drinkard Perfs**  
(Active)  
6790' - 6810'  
20', 80 shots

PBTD (ft): 6,935.0  
TD (ft): 6,985.0

<b>WELL NAME:</b> Mae F. Curry #3		<b>API:</b> 30-025-35853	
<b>LOCATION:</b> 660' FNL & 660' FWL, Unit D, Sec. 7, T-21S, R-37E		<b>COUNTY:</b> Lea Co., NM	
<b>SPUD/TD DATE:</b> 4/4/2002 - 4/17/2002		<b>PREPARED BY:</b> Bret Shapot	
<b>COMP. DATE:</b> 6/12/2002		<b>UPDATED:</b> 6/1/2015	
<b>TD (ft):</b> 6,985.0	<b>KB Elev. (ft):</b> 3500.0	<b>KB ELEV:</b> 10.0	
<b>PBTD (ft):</b> 6,935.0		<b>Ground Elev. (ft):</b> 3490.0	
<b>CASING/TUBING</b>	<b>SIZE (IN)</b>	<b>WEIGHT (LB/FT)</b>	<b>GRADE</b>
Surface Casing	8-5/8" (Cmt. w/600sx, circ)	24.00	J-55
Int. Casing			
Prod. Casing	5-1/2" (Cmt. w/1525sx)	15.50	J-55
Tubing	2-7/8"	6.50	J-55
<b>PRODUCTION TBG STRING</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>LENGTH (FT)</b>	<b>Depth (FT)</b>
1	218 JTS 2-7/8" 6.5# J-55 TBG		
2	TAC		+/-560'
3	SN		6860.0'
4			
5			
6			
7			
8			
9			
10			
<b>PRODUCTION ROD STRING</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>LENGTH (FT)</b>	<b>Btm (FT)</b>
1	81 JTS 1" KD RODS	2,025.00	
2	77 JTS 7/8" KD RODS	1,925.00	
3	100 JTS 3/4" KD RODS	2,510.00	
4	10 JTS 1 1/2" K-BARS	400.00	
5	BHP: 2" X 1 1/2" X 20' RHBC	20.00	
6			
7			
8			
9			
10			
<b>SURFACE EQUIPMENT</b>			
<b>PUMPING UNIT SIZE:</b> M-320-256-144		<b>MOTOR HP:</b>	
<b>PUMPING UNIT MAKE:</b> Lufkin		<b>MOTOR MAKE:</b>	
<b>PERFORATIONS</b>			
<b>Form.</b>	<b>Intervals</b>	<b>FT</b>	<b>SPF</b>
Paddock	5664'-65', 68'-69', 72'-73', 76'-77', 80'-81', 84'-85'	12	1
Blinbry	5708'-10', 48'-49', 52'-53', 58'-59', 63'-64', 75'-76', 5830'-31', 76'-78'	16	1
Tubb	Active: 6420'-6456'	36	4
Drinkard	Active: 6790'-6810'	20	4