

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address APACHE CORPORATION 6120 S. YALE, SUITE 1500 TULSA, OK 74136		² OGRID Number 000873
		³ API Number 30 -025-35304
³ Property Code 26481	⁵ Property Name STATE 'A'	⁶ Well No. 6

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	32	18S	38E		990'	NORTH	1817'	EAST	LEA

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 BOWERS; SEVEN RIVERS (7220)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code *P S	¹⁵ Ground Level Elevation 3641'
¹⁶ Multiple NO	¹⁷ Proposed Depth 7150'	¹⁸ Formation SEVEN RIVERS	¹⁹ Contractor	²⁰ Spud Date

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	1510'	745 SX	CIRC TO SURFACE
7-7/8"	5-1/2"	17#	7146'	1222 SX	1370' CALC.

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.
Describe the blowout prevention program, if any. Use additional sheets if necessary.

APACHE WILL USE A 100 BBL STEEL TANK WITH AN OPEN TOP FOR THIS PROCEDURE.

SEE ATTACHED.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Veronica S. Carr</i> Printed name: VERONICA S. CARR Title: PROD. ENG. TECH. E-mail Address: VERONICA.CARR@APACHECORP.COM Date: 5/4/2005		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: PETROLEUM ENGINEER Approval Date: MAY 13 2005 Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
---	--	---	--

APACHE CORPORATION Recompletion Procedure	State A #6 AFE No.: T-05-4675-D	Revised May 4, 2005 Mark S. Garrett
--	------------------------------------	--

Purpose

To recompleate depleted well to the Seven Rivers formation.

Current Well Information

Field Name: Hobbs
API Number: 30-025-35304
Ground Elevation: 3635'
KB Elevation (DF): 3641'
Casing Set 8-5/8" set at 1510' w/ 745 sx
5-1/2" set at 7146' w/ 1222 sx
TD: 7150'
PBTD: 6165' (Cement Plug / CIBP @ 6200')
Open Perforations: None
Isolated Perforations: 6839-6978 Lower Drinkard
6649-6792 Upper Drinkard
6262-6404 Blinebry

Procedure

According to the well file there is no tubing currently in this well

1. MIRU and pick up work-string (~ 3500 feet)
 - a. Run in with bit and scraper to +/- 3500 feet
2. Pressure test casing to 500 psig for 15 minutes
 - a. If casing leaks notify Tulsa Engineering
3. Circulate hole clean and TOH w/ tubing
4. Perforate the Seven Rivers formation:
 - a. ~ 3100 to 3200' 100 feet 202 shots
 - b. ~ *Total* *100 feet* *202 shots*
 - c. 2 SPF at 120 degree spacing with deep penetrating shot
 - d. Swab test perforations
5. If warranted stimulate the new perforations:
6. Install production equipment based on results (2 3/8" tubing / rods / pump / unit).

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-35304		2 Pool Code 31730 7220		3 Pool Name BOWER: SEVEN RIVERS (7220)	
4 Property Code 26481		5 Property Name STATE 'A'			6 Well Number 6
7 OGRID No. 000873		8 Operator Name APACHE CORPORATION			9 Elevation 3641'

10 Surface Location

UL or lot no. B	Section 32	Township 18S	Range 38E	Lot Idn	Feet from the 990	North/South line NORTH	Feet from the 1817	East/West line EAST	County LEA
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	---------------

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

12 Dedicated Acres 80 40	13 Joint or Infill	14 Consolidation Code	15 Order No.
-----------------------------	--------------------	-----------------------	--------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Veronica Carr</i>
					Printed Name VERONICA S. CARR PROD. ENG. TECH. veronica.carr@apachecorp Title and E-mail Address
					Date 5/4/2005
					18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
					Date of Survey Signature and Seal of Professional Surveyor:
					Certificate Number