

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101

Revised October 18, 1994

Instructions on back

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

<sup>1</sup> Operator Name and Address Arch Petroleum Inc. 300 North Marienfeld, Suite 600 Midland, Texas 79701		<sup>2</sup> OGRID Number 000962
		<sup>3</sup> API Number 30 - 025-10025
<sup>4</sup> Property Code 14971	<sup>5</sup> Property Name E. A. Sticher	<sup>6</sup> Well No. 3

<sup>7</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
N	4	22S	37E		554	South	2086	West	Lea

<sup>8</sup>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
<sup>9</sup> Proposed Pool 1 Tubb Oil & Gas					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code DP	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3440
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 6400	<sup>18</sup> Formation Tubb	<sup>19</sup> Contractor	<sup>20</sup> Spud Date

<sup>21</sup>Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/4"	13-3/8"	48#	301	300	Surface
12-1/4"	9-5/8"	36#	2975	1300	1930'
8-3/4"	7"	23#	6470	700	2560'

<sup>22</sup>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.

Squeeze current Paddock perms 5052-5254' w/150 sx cement.  
Drill out to 5300' & test squeeze.  
Drill to 6400' & test casing to 500 PSI.  
Perforate Tubb 6060-6100'.  
Set Loc-Set packer and test CIBP @ 6400' to 3000#.  
Acidize perms w/1000 gallons 15% Acid.  
Swab back load and turn well to production.

Permit Expires 1 Year From Approval  
~~Data Unless Drilling Underway~~  
Plugback

<sup>23</sup>I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

*Robin S. McCarley*

Printed name: Robin S. McCarley

Title: Production Tech.

OIL CONSERVATION DIVISION

ORIGINAL SIGNED BY

Approved By:

GARY WINK

Title:

FIELD REP. II

Approval Date:

9-10-99

Expiration Date:

Jc

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-10025	<sup>2</sup> Pool Code 60240	<sup>3</sup> Pool Name Tubb Oil & Gas
<sup>4</sup> Property Code 14971	<sup>5</sup> Property Name E. A. Sticher	<sup>6</sup> Well Number 3
<sup>7</sup> GRID No. 000962	<sup>8</sup> Operator Name Arch Petroleum Inc.	<sup>9</sup> Elevation 3440

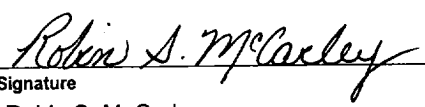
<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
N	4	22S	37E		554	South	2086	West	Lea

<sup>11</sup>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
<sup>12</sup> Dedicated Acres 40.00	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup>					<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>   Signature Robin S. McCarley Printed Name Production Tech. Title 08-25-99 Date
					<sup>18</sup> SURVEYOR CERTIFICATION <i>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.</i>  Date of Survey Signature and Seal of Professional Surveyer:  Certificate Number

