

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-101  
Revised February 10, 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. Helmerich & Payne, Inc. 1579 E. 21st Tulsa, OK 74114		<sup>2</sup> OGRID Number 01039 10319
<sup>3</sup> Property Code 005123	<sup>4</sup> Property Name R. E. Graham #7	<sup>5</sup> API Number 30 - 025-30914
		<sup>6</sup> Well No. 4

<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
0	7	18S	32E		660	South	1980	East	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 Young Bone Springs North					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code 0	<sup>13</sup> Cable/Rotary NA	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3760.5
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth	<sup>18</sup> Formation Bone Springs	<sup>19</sup> Contractor NA	<sup>20</sup> Spud Date NA

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	48	645	625	Surf
11	8 5/8	32	3100	1325	Surf
7 7/8	5 1/2	20	10688	1550	2280

<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.

Well is currently completed in Wolfcamp. It pumps about 8 BOPD, 2 BWPD and 25 MCFPD. H&P plans are to TA the Wolfcamp with a CIBP at ±10360 KB with 20' cmt dumped on top. The Bone Springs will be tested from 8688-8917. Future plans include to commingle the zones when the pressures are similar. BOP's 1 - 5000 psi Double Ram Preventer.

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

Signature:

*N.C. Coday Jr.*

Printed name:

N.C. Coday Jr.

Title:

Sr. Production Engineer

Date:

9-20-96

Phone:

918-742-5531

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL FILED BY JERRY SEXTON

Title:

DISTRICT SUPERVISOR

Approval

SEP 24 1996

Expiration Date:

Conditions of Approval:

Attached ☐

**C-101 Instructions**

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

**IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.**

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| <p>1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.</p> <p>2 Operator's name and address</p> <p>3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.</p> <p>4 Property code. If this is a new property the OCD will assign the number and fill it in.</p> <p>5 Property name that used to be called 'well name'</p> <p>6 The number of this well on the property.</p> <p>7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.</p> <p>8 The proposed bottom hole location of this well at TD</p> <p>9 and 10 The proposed pool(s) to which this well is being drilled.</p> <p>11 Work type code from the following table:<br/> N New well<br/> E Re-entry<br/> D Drill deeper<br/> P Plugback<br/> A Add a zone</p> <p>12 Well type code from the following table:<br/> O Single oil completion<br/> G Single gas completion<br/> M Multiple completion<br/> I Injection well<br/> S SWD well<br/> W Water supply well<br/> C Carbon dioxide well</p> <p>13 Cable or rotary drilling code<br/> C Propose to cable tool drill<br/> R Propose to rotary drill</p> <p>14 Lease type code from the following table:<br/> F Federal<br/> S State<br/> P Private<br/> N Navajo<br/> J Jicarilla<br/> U Ute<br/> I Other Indian tribe</p> <p>15 Ground level elevation above sea level</p> <p>16 Intend to multiple complete? Yes or No</p> <p>17 Proposed total depth of this well</p> | <p>18 Geologic formation at TD</p> <p>19 Name of the intended drilling company if known.</p> <p>20 Anticipated spud date.</p> <p>21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement</p> <p>22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.</p> <p>23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.</p> |
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