

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

Operator Name and Address: Helmerich & Payne, Inc. 1579 E 21st Tulsa, Oklahoma 74114		OGRID Number 010319
		API Number 30 - 025-30786
Property Code 005123	Property Name R. E. Graham "7"	Well No. 5

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
K	7	18S	32E		1980	South	1910	West	LEA

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Young Bone Spring North					Proposed Pool 2				

Work Type Code P	Well Type Code O	Cable/Rotary N/A	Lease Type Code P	Ground Level Elevation 3775.7
Multiple No	Proposed Depth 8900	Formation Bone Spring	Contractor N/A	Spud Date N/A

21 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	650	659sx	Surf
11	8 5/8	32	3103	875sx	Surf
7 7/8	5 1/2	20	10696	1630sx	4000' est

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 9BOPD and 2BWPD with a trace of gas. H&P plans are to TA the wolfcamp with a CIBP at + - 10,000' with 20' cmt on top. The Bone Springs will be tested from 8556'-8868'. Future plans include to commingle the zones when the Pressures are similar. BOP's - 1-5" 5000 PSI DOUBLE RAM PREVENTOR.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

Workover

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Carolyn Martin*

Printed name:
Carolyn Martin

Title:
District Production Clerk

Date:
03-28-95

Phone:
915-639-2526

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY

Title: GARY WINK
FIELD REP. II

Approval Date: APR 06 1995 Expiration Date:

Conditions of Approval:
Attached ☐

105P

1. The first step in the process of creating a new product is to identify a market need. This involves conducting market research to determine what consumers want and what problems they are trying to solve.

2. The second step is to develop a concept for the product. This involves creating a detailed description of the product and its features, benefits, and uses.

3. The third step is to create a prototype of the product. This involves building a physical model of the product that can be used to test its design and functionality.

4. The fourth step is to conduct a feasibility study. This involves evaluating the product's potential for success in the market, taking into account factors such as cost, competition, and distribution.

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-20786 <i>30786</i>		Pool Code 65350	Pool Name Young Bone Spring, North
Property Code 005123	Property Name R. E. Graham "7"		Well Number 5
OGRID No. 010319	Operator Name Helmerich & Payne, Inc.		Elevation 3775.7

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	7	18S	32E		1980	South	1910	West	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	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

<p>16</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Carolyn Martin</i></p> <p>Signature Carolyn Martin</p> <p>Printed Name District Production Clerk</p> <p>Title 03-28-95</p> <p>Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>