

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.

30-025-30647

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

R. E. GRAHAM 7

8. Well No.

2

9. Pool name or Wildcat

N. Young Bone Springs

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER ☐

b. Type of Completion:

NEW
WELL ☒

WORK
OVER ☐

DEEPEN ☐

PLUG
BACK ☐

DIFF
RESRV ☐

OTHER ☐

2. Name of Operator

Helmerich & Payne, Inc.

3. Address of Operator

5401 S. Hattie

Oklahoma City, OK 73129

4. Well Location

Unit Letter J : 1950 Feet From The East Line and 1950 Feet From The South Line

Section 7

Township 18S

Range 32E

NMPM

LEA

County

10. Date Spudded

10/08/89

11. Date T.D. Reached

11/09/89

12. Date Compl. (Ready to Prod.)

12/28/89

13. Elevations (DF & RKB, RT, GR, etc.)

RKB - 3783.6'

14. Elev. Casinghead

3770'

15. Total Depth

10,722'

16. Plug Back T.D.

8,957'

17. If Multiple Compl. How Many Zones?

N/A

18. Intervals Drilled By

Rotary Tools
10-10,722'

Cable Tools

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19. Producing Interval(s), of this completion - Top, Bottom, Name

8,337-8,474' Bone Springs

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

DLL-Micro SFL, Compensated Neutron-Litho-Density

22. Was Well Cored

No

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48	660'	17 1/2"	700 SX	-0-
8 5/8"	32	3,100'	11"	710 SX	-0-
5 1/2"	17	10,722'	7 7/8"	1,750 SX	-0-

24. N/A

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	8,202'	8,202'

25. TUBING RECORD

26. Perforation record (interval, size, and number)

8337-48', 8372-79', 8380-8400',

8408-29', 8433-52', 8455-74'.

0.46" Diameter holes - 201 holes.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

8337-8474'

AMOUNT AND KIND MATERIAL USED

20,000 Gals. 15% NEFE Acid

28. PRODUCTION

Date First Production

December 17, 1989

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing

Well Status (Prod. or Shut-in)

Shut in

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12/19/89	24	14/64"		203	157	7	773:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
365 psi	460 psi		203	157	7	37.2 @ 60°F.	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

Bob Johnson

30. List Attachments

Deviation Survey, 2 logs, DST Summary

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Roger G. Burau

Printed Name

Roger G. Burau

Title Drilling Supt.

Date 01/24/90

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
 T. Salt _____
 B. Salt _____
 T. Yates 2494 _____
 T. 7 Rivers 2938 _____
 T. Queen 3679 _____
 T. Grayburg 4244 _____
 T. San Andres 4476 _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinbry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp 9615 _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs 6284 _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzte _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 8337 to 8474
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from NA to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
3100	4000		Ap/Dolo	7700	7880		Dolo, Lm
4000	4340		Dolo	7800	7860		Chert
4340	4420		Sd	7860	8090		Sd
4420	4560		Dolo	8090	8550		Dolo
4560	4610		Sd	8550	8600		Sd
4610	4920		Dolo	8600	8760		Sd
4920	5120		Sd	8760	9100		Dolo
5120	5200		Dolo	9100	9300		Dolo
5200	5240		Lm	9300	9400		Dolo
5240	5280		Sd	9400	9610		Sd
5280	5300		Chert	9610	9800		Dolo
5300	5400		Dolo	9800	10020		Chert
5400	6120		Sd	10020	10080		Chert
6120	6300		Dolo	10080	10150		Dolo
6300	6520		Lm	10150	10190		Lm
6520	6640		Chert	10190	10350		Sh
6640	7 50		Lm	10350	10410		Dolo
7250	7420		Chert	10410	10530		Sh
7420	7620		Dolo	10530	10620		Dolo
7620	7700		Dolo	10620	10720		Sh

RECEIVED

JAN 29 1990

OCD
HOBBS OFFICE