

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES REQUIRED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATION	

5a. Indicate Type of Lease
State ☐ Fed ☒

5. State Oil & Gas Lease No.

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name
R. E. Graham 7

2. Name of Operator
Helmerich & Payne, Inc.

3. Address of Operator
P. O. Box 548, Iraan, Texas 79744

9. Well No.
1

4. Location of Well
UNIT LETTER **I** LOCATED **1980** FEET FROM THE **South** LINE AND **660** FEET FROM **East** LINE OF SEC. **7** TWP. **18S** RGE. **32E** NMPM

10. Field and Pool, or Wildcat
**No Young Bone Spring
2nd Bone Spring Carbonate**

15. Date Spudded **11-11-84** 16. Date T.D. Reached **12-11-84** 17. Date Compl. (Ready to Prod.) **4-06-85** 18. Elevations (DF, KKB, RT, GR, etc.) **3785 DF** 19. Elev. Casinghead **3770**

20. Total Depth **9650** 21. Plug Back T.D. **-** 22. If Multiple Compl., How Many **-** 23. Intervals Drilled By **Rotary Tools** Cable Tools **0 - 9650**

12. County

24. Producing Interval(s), of this completion - Top, Bottom, Name
8340 - 8548 2nd Bone Spring Carbonate

25. Was Directional Survey Made
Yes

26. Type Electric and Other Logs Run
Dual Laterolog Micro-SFL, Compensated Neutron-Litho Density

27. Was Well Cored
No

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLY
13-3/8"	61#	705	17-1/2"	750 Sks Class C Circ	None
8-5/8"	32#	2600	11"	1175 Sks Class C Circ	None
5-1/2"	17#	9650	7-7/8"	500 Sks 50-50 Poz	None

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	8563	

31. Perforation Record (Interval, size and number)
8340 - 8383; 8387 - 8392; 8401 - 8430; 8437 - 8458; 8472 - 8506; & 8528 - 8546
Perforation hole size .043
Total number of holes 150

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8340-8392	2150 gals 15% NEFE Acid
8401-8458	2250 gals 15% NEFE Acid
8472-8546	3600 Gals 15% NEFE Acid
8340-8546 Frac w/ 69000 gals gel; 23000 gals	

33. PRODUCTION
Date First Production **4-15-85** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pumping 2-1/2" x 1-1/2" x 16" TWRC pump** Well Status (Prod. or Shut-in) **Producing**

Date of Test 4-23-85	Hours Tested 24	Choke Size -	Prod'n. For Test Period -	Oil - Bbl. 51	Gas - MCF 1	Water - Bbl. 21	Gas - Oil Ratio 20
Flow Tubing Press. 0	Casing Pressure 0	Calculated 24-Hour Rate -	Oil - Bbl. -	Gas - MCF -	Water - Bbl. -	Oil Gravity - API (Corr.) 33.8	

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

Test Witnessed By
Douglas Ratliff

35. List of Attachments
Directional Survey, Logs, & Drill Stem Test

36. 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.

SIGNED *[Signature]* TITLE **District Production Manager** DATE **4-25-85**

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 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate 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

Northwestern New Mexico

T. Anhy. <u>705</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt <u>900</u>	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt <u>1650</u>	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>2513</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers <u>2962</u>	T. Devonian	T. Menefee	T. Madison
T. Queen <u>3693</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg <u>4257</u>	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>4628</u>	T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glorieta	T. McKee	Ease Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs <u>6221</u>	T. Wingate	T.
T. Wolfcamp	T. <u>1st Bone Spring</u> <u>7900</u>	T. Chinle	T.
T. Penn.	T. <u>2nd Bone Spring</u> <u>8549</u>	T. Permian	T.
T. Cisco (Bough C)	T. <u>3rd Bone Spring</u> <u>9288</u>	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from <u>3340</u> to <u>3540</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

No. 1, from <u>Not available</u> to _____ feet
No. 2, from _____ to _____ feet
No. 3, from _____ to _____ feet
No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	705	705	Anhydrite	4628	6221	1593	Limestone (San Andres)
705	900	195	Sand, Shale	6221	7900	1679	Dolomite Limestone
900	1650	750	Salt	7900	8549	649	Shale, Limestone
1650	2513	863	Dolomite	8549	9288	739	Shale, Limestone
2513	2962	449	Sand	9288	9650	362	Shale, Limestone
2962	3693	731	Sand, Anhydrite				
3693	4257	564	Sand				
4257	4628	371	Limestone (Grayburg)				