

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM 54291

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Gehrig Fed. #2

9. API WELL NO.

30-015-26995

10. FIELD AND POOL, OR WILDCAT

Brushy Draw Delaware

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 9-T26S-R29E

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐

2. NAME OF OPERATOR

HANAGAN PETROLEUM CORPORATION

3. ADDRESS AND TELEPHONE NO.

P.O. Box 1737 - Roswell, NM 88202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 330' FSL & 330' FEL

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

4/28/92

15. DATE SPUDDED

12/29/92

16. DATE T.D. REACHED

1/9/93

17. DATE COMPL. (Ready to prod.)

2/6/93

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

GR 2948 KB 2959

19. ELEV. CASINGHEAD

2947

20. TOTAL DEPTH, MD & TVD

5425'

21. PLUG, BACK T.D., MD & TVD

5367'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Surface-TD

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

5065-5084, Delaware

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDT/GR - GR/DLL/MSFL - MRES

27. WAS WELL CORED

Sidewall cores

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
5/8" J-55	24	439'	12 1/4"	Circ-w/390 sx.	None
5/8" J-55	15.5	4525'	7 7/8"	1720'-w/1100 sx.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	5197'	

31. PERFORATION RECORD (Interval, size and number)

5065-5084, .48", 40 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5065-5084	Acid w/1000 gal 7 1/2% NeFe
	Frac w/20000 gal + 42732# sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
2/6/93		Pump - 320 American					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
2/7/93	24	N/A	—————→	161	97	160	602	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
N/A	N/A	—————→	161	97	160			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

35. LIST OF ATTACHMENTS

2 sets of logs & Deviation survey.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Vice Pres.

DATE 2/9/93

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				T/Salt B/Salt Delaware (Bell Canyon) Cherry Canyon Brushy Canyon	710' 2755' 2955' 3840' 5090'	

38. GEOLOGIC MARKERS

DEVIATION RECORD Page 1

WELL NAME AND NUMBER No. 2 Gehrig Federal

LOCATION 330' FSL & 330' FEL, Section 9, T26S, R29E, Eddy County, NM

OPERATOR Hanagan Petroleum Corporation

DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2° 440'</u>	<u>6-3/4° 2842'</u>	<u>2-1/4° 3340'</u>
<u>1/4° 515'</u>	<u>6° 2905'</u>	<u>2-1/4° 3404'</u>
<u>1/4° 1002'</u>	<u>4-3/4° 2965'</u>	<u>2° 3465'</u>
<u>1-1/4° 1530'</u>	<u>4° 3027'</u>	<u>1-3/4° 3590'</u>
<u>1° 1970'</u>	<u>3-3/4° 3090'</u>	<u>1-3/4° 3714'</u>
<u>1° 2190'</u>	<u>3-1/4° 3152'</u>	<u>1-1/2° 3839'</u>
<u>7° 2687'</u>	<u>3° 3215'</u>	<u>1-1/4° 3964'</u>
<u>7° 2780'</u>	<u>3° 3278'</u>	<u>1° 4214'</u>

Drilling Contractor \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
Notary Public

My Commission Expires:

\_\_\_\_\_  
County

\_\_\_\_\_  
State

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OPERATOR Hanagan Petroleum Corporation

DRILLING CONTRACTOR United Drilling, Inc.

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<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>3/4° 4460'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° 4747'</u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>
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<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>

Drilling Contractor United Drilling, Inc.

By: G. M. Gibbs

Title: Business Manager

Subscribed and sworn to before me this 12<sup>th</sup> day of January, 1993.

Harmon Tankersley  
Notary Public

My Commission Expires: 9-25-95

Chaves N. M.  
County State