

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**

2040 Pacheco St.  
Santa Fe, NM 87505

Form C-105  
Revised 1-1-89

CISF  
BLM  
Bofm

WELL API NO.  
30-005-63189

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Twin Lakes San Andres Unit

8. Well No.  
326

9. Pool name or Wildcat  
Twin Lakes San Andres (Associated)

**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 RESVR ☐ OTHER \_\_\_\_\_

2. Name of Operator  
Hanagan Petroleum Corporation

3. Address of Operator  
P.O. Box 1737 - Roswell, NM 88202-1737

4. Well Location  
Unit Letter N : 110 Feet From The South Line and 2410 Feet From The West Line  
Section 31 Township 8s Range 29e NMPM Chaves County

10. Date Spudded 12/01/98 11. Date T.D. Reached 12/05/98 12. Date Compl. (Ready to Prod.) 12/17/98 13. Elevations (DF & RKB, RT, GR, etc.) 4009'kb 14. Elev. Casinghead 4003'

15. Total Depth 2855' 16. Plug Back T.D. 2825' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools ☒ Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 2712' - 2756' (San Andres) 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run Cased hole gamma ray/comp. neutron/CCL 22. Was Well Cored No

**CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8.625"	24	118'	12.25"	3yds - Redi-Mix	0
5.5"	15.50	2850'	7.875"	900sx - circulated	0

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2.375"	2606'	2606'

26. Perforation record (interval, size, and number) 2712'-2716', 2720'-22', 2724'-30', 2736'-42', 2746'-48', 2754'-56' w/56 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	2712'-2756'	10,000gal 20% acid

28. **PRODUCTION**  
Date First Production 12/17/98 Production Method (Flowing, gas lift, pumping - Size and type pump) flowing Well Status (Prod. or Shut-In) producing

Date of Test 12/17/98 Hours Tested 24 Choke Size 0.25" Prod'n For Test Period Oil - Bbl. 7 Gas - MCF tstrm Water - Bbl. 275 Gas - Oil Ratio  
Flow Tubing Press. 160psi Casing Pressure 0psi Calculated 24-Hour Rate Oil - Bbl. 7 Gas - MCF tstrm Water - Bbl. 275 Oil Gravity - API - (Corr.) 24

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By M. Hanagan

30. List Attachments  
2 copies of logs, deviation survey record

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 [Signature] Printed Name Michael G. Hanagan Title President Date 01/11/99

## 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 specific 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

## Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 787.0	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 934.0	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1010.0	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1587.0	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2083.0	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

## OIL OR GAS SANDS OR ZONES

No. 1, from 2700 to 2760  
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 ..... 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

WELL NAME AND NUMBER Twin Lakes San Andres Unit 326  
LOCATION 110' FSL & 2410' FWL, Section 31, T8S, R29E, Chaves 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° 620'</u>	<u>                    </u>	<u>                    </u>
<u>1/2° 1024</u>	<u>                    </u>	<u>                    </u>
<u>3/4° 1519'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° 1987'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° 2515'</u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>

Drilling Contractor United Drilling, Inc.

By: *Greg A. Alu*

Title: Business Manager

Subscribed and sworn to before me this 8<sup>th</sup> day of December, 1988.

*Karna Janbusley*  
Notary Public

My Commission Expires: 9-25-99

Chaves NM  
County State