

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
811 South First, Artesia, NM 88210

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

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised October 18, 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 HANAGAN PETROLEUM CORPORATION P.O. BOX 1737 ROSWELL, NEW MEXICO 88202-1737		OGRID Number 009911
Property Code 23391		API Number 30-065-63188
Property Name TWIN LAKES SAN ANDRES UNIT		Well No. 321

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
M	31	8s	29e	4	1110	SOUTH	990	WEST	CHAVES

Proposed 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
Proposed Pool 1 TWIN LAKES SAN ANDRES (ASSOCIATED)					Proposed Pool 2				
61570									

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3981
Multiple No	Proposed Depth 3000	Formation SAN ANDRES	Contractor UNITED DRLG.	Spud Date 11-18-98

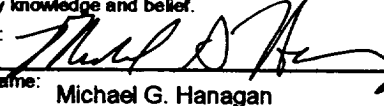
Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.25"	8.625"	24 #/FT	120'	11yds Redi-Mix	SURFACE
7.875"	5.5"	14 #/FT	3000'	1100sx	SURFACE
					Post ID-1
					11-30-98
					HPI & WOC

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.

Set 3jts of 24#/ft-8.625" casing in 12.25" hole to 120' (+/- 10') and cement with 11yds redi-mix - MIRU United Drilling, NU BOPE and drill 7.875" hole to TD - set 14-15.5 #/ft-5.5" casing to TD and cement with sufficient cement to circulate to surface (approx. 1100sx).

MIRU pulling unit, run GR-Neutron log and tie in log, perforate productive interval and acidize as necessary.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Michael G. Hanagan		Approved By: ORIGINAL SIGNED BY TIM W. GUNX	
Title: President		Title: DISTRICT II SUPERVISOR	
Date: 11-12-98		Approval Date: 11-18-98	Expiration Date: 11-18-99
Phone: 623-5053		Conditions of Approval: Attached: <input type="checkbox"/>	

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name TWIN LAKES SAN ANDRES UNIT	Well Number 321
OGRID No.	Operator Name HANAGAN PETROLEUM CORPORATION	Elevation 3981'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	31	8 S	29 E		1110	SOUTH	990	WEST	CHAVES

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
Dedicated Acres	Joint or Infill	Consolidation Code	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

LOT 1 38.75 AC.									
LOT 2 38.73 AC.									
LOT 3 38.74 AC.									
LOT 4 38.70 AC.									

990'

1110'

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

*[Signature]*  
Signature

Michael G Hawagan  
Printed Name

President  
Title

11/12/98  
Date

SURVEYOR CERTIFICATION

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.

NOVEMBER 3, 1998

Date Surveyed

Signature & Seal of Professional Surveyor

RONALD J. EIDSON  
Professional Surveyor

98-11-1419

Certificate No. 3239  
RONALD J. EIDSON  
12641