

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 - 005-63194
Property Name TWIN LAKES SAN ANDRES UNIT		Well No. 311

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
UL or lot no.	31	8s	29e	2	1700	NORTH	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				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3978
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 TD-1
					11-30-98
					HPI & LOC

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: <i>Michael G. Hanagan</i>		OIL CONSERVATION DIVISION Approved By: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR	
Printed name: Michael G. Hanagan		Title:	
Title: President		Approval Date: 11.18.98	Expiration Date: 11.18.99
Date: 11-12-98	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 311
OGRID No.	Operator Name HANAGAN PETROLEUM CORPORATION	Elevation 3978'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	31	8 S	29 E		1700	NORTH	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 40	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

<p>LOT 1 38.75 AC.</p> <p>LOT 2 38.73 AC.</p>	<p>LOT 3 38.74 AC.</p>	<p>LOT 4 38.70 AC.</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature Michael G. Hanagan</p> <p>Printed Name Michael G. Hanagan</p> <p>Title President</p> <p>Date 11/2/98</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>NOVEMBER 3, 1998</p> <p>Date Surveyed Signature Professional Surveyor</p> <p>NEW MEXICO 98-11-1415</p> <p>Certificate No. RONALD J. BOSON 3239 12641</p>
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