

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
		API Number 30-005-63187
Property Code 23391	Property Name TWIN LAKES SAN ANDRES UNIT	Well No. 319

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
J	31	8s	29e		2310	SOUTH	1650	EAST	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) 61570					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 4003
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
					APE & 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:

*Michael G. Hanagan*

Printed name: Michael G. Hanagan

Title: President

Date: 11-12-98

Phone: 623-5053

OIL CONSERVATION DIVISION

Approved By:

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

Title:

Approval Date: 11-18-98

Expiration Date: 11-18-99

Conditions of Approval:  
Attached: ☐

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

<p>LOT 1 38.75 AC.</p>				<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Michael G Hawaya</i>  Signature  Michael G Hawaya  Printed Name  President  Title  11/12/98  Date</p>
<p>LOT 2 38.73 AC.</p>				<p><b>SURVEYOR CERTIFICATION</b></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 &amp; Seal of Professional Surveyor  RONALD E. EIDSON  Professional Surveyor  NEW MEXICO  11/11/98  98-11-141</p> <p>Certificate No. 3239  RONALD E. EIDSON  PROFESSIONAL SURVEYOR  12641</p>
<p>LOT 3 38.74 AC.</p>		<p>1650'</p>	<p>2310'</p>	
<p>LOT 4 38.70 AC.</p>				